ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956
Aditya Nagar, ADB Road, Surampalem – 533 437

Electronics & Communication Engineering

SELF ASSESSMENT REPORT

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Part A – Institutional Information

1 Name and Address of the Institution : Aditya College of Engineering,
Aditya Nagar,
ADB Road,
Surampalem-533437

2 Name and Address of Affiliating University : JNTUK Kakinada

3 Year of establishment of the Institution : 2008

4 Type of the Institution : Affiliated

☐ University	☐ Autonomous
☐ Deemed University	☑ Affiliated
☐ Government Aided	

5 Ownership Status : Self Financing, Society

☐ Central Government	☐ Trust
☐ State Government	☑ Society
☐ Government Aided	☐ Section 25 Company
☑ Self financing	☐ Any Other(Please Specify)

6 Other Academic Institutions of the Trust/Society/Company etc., if any:

Name of Institutions	Year of Establishment	Programs of Study	Location
Aditya College of Engineering & Technology	2004	Engineering, MCA, MBA & Diploma Courses	Surampalem
Aditya College of Pharmacy	2006	Pharmacy	Surampalem

7 Details of all the programs being offered by the institution under consideration:

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
B.Tech in Electronics and Communication Engineering	UG	2008	2008	60	Yes	240	Applying first time	--	--	Yes	4

Sanctioned Intake for Last Five Years for the B.Tech in Electronics & Communication Engineering	
Academic Year	**Sanctioned Intake**
2021-22	240
2020-21	240
2019-20	240
2018-19	240
2017-18	240
2016-17	240
2015-16	240

M.Tech in Embedded Systems	PG	2013	2013	18	No	12	Eligible but not applied	--	--	No	2

8 Programs to be considered for Accreditation vide this application:

S No	Level	Discipline	Program
1	Under Graduate	Engineering & Technology	Computer Science & Engg.
2	Under Graduate	Engineering & Technology	Electronics & Communication Engg.

9 Total number of employees in the institution:

A. Regular* Employees (Faculty and Staff):

Items	2021-22		2020-21		2019-20		2018-19	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Engineering (Male)	114	116	111	113	111	119	117	119
Faculty in Engineering (Female)	47	47	44	46	35	36	34	36
Faculty in Maths, Science & Humanities (Male)	34	35	29	30	25	26	29	30
Faculty in Maths, Science & Humanities (FeMale)	20	20	19	19	23	23	20	21
Non-teaching staff (Male)	66	66	64	65	61	62	60	61
Non-teaching staff (FeMale)	29	29	27	27	23	24	23	23

B. Contractual* Employees (Faculty and Staff):

Items	2021-22		2020-21		2019-20		2018-19	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Engineering (Male)								
Faculty in Engineering (Female)								
Faculty in Maths, Science & Humanities (Male)								
Faculty in Maths, Science & Humanities (FeMale)								
Non-teaching staff (Male)								
Non-teaching staff (FeMale)								

10 Total Number of Engineering Students:

Engineering and Technology- UG	☑ Shift1	☐ Shift2
Engineering and Technology- PG	☑ Shift1	☐ Shift2
Engineering and Technology- Polytechnic	☑ Shift1	☐ Shift2
MBA	☑ Shift1	☐ Shift2
MCA	☐ Shift1	☐ Shift2

Engineering and Technology- UG Shift-1

Items	2021-22	2020-21	2019-20	2018-19
Total no. of Boys	1728	1595	1672	1736
Total no. of Girls	696	583	526	618
Total	2424	2178	2198	2354

Engineering and Technology- PG Shift-1

Items	2021-22	2020-21	2019-20	2018-19
Total no. of Boys	34	33	19	28
Total no. of Girls	28	27	5	11
Total	52	60	24	39

Engineering and Technology- Polytechnic Shift-1

Items	2021-22	2020-21	2019-20	2018-19
Total no. of Boys	372	359	318	386
Total no. of Girls	58	46	27	21
Total	430	405	345	407

Engineering and Technology- MBA Shift-1

	2021-22	2020-21	2019-20	2018-19
Total no. of Boys	50	39	31	41
Total no. of Girls	53	42	50	62
Total	103	81	81	103

11 Vision of the Institution:

To induce higher planes of learning by imparting technical education with

- International standards
- Applied research
- Creative Ability
- Value based instruction and to emerge as a premiere institute.

12 Mission of the Institution:

Achieving academic excellence by providing globally acceptable technical education by forecasting technology through

- Innovative Research and development
- Industry Institute Interaction
- Empowered Manpower

13 Contact Information of the Head of the Institution and NBA coordinator, if designated:

Head of the Institution	
Name	Dr. A. Ramesh
Designation	Principal
Mobile No.	9000476662
Email ID	principal@acoe.edu.in

NBA Coordinator, If Designated	
Name	Dr. Pullela SVVSR Kumar
Designation	Dean Academics and Administration
Mobile No.	9848163227
Email ID	dean.a_a@acoe.edu.in

PART B: Criteria Summary

Name of the Program: Electronics and Communication Engineering

Criteria No.	Criteria	Total Marks	Institute Marks
Program Level Criteria			
1	Vision, Mission and Program Educational Objectives	60	60
2	Program Curriculum and Teaching – Learning Processes	120	120
3	Course Outcomes and Program Outcomes	120	120
4	Students' Performance	150	97.18
5	Faculty Information and Contributions	200	160.07
6	Facilities and Technical Support	80	80
7	Continuous Improvement	50	50
Institute Level Criteria			
8	First Year Academics	50	44.96
9	Student Support Systems	50	50
10	Governance, Institutional Support and Financial Resources	120	120
Total		**1000**	**902.21**

Part B

1. VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (60)

Total Marks 60.00

1.1 State the Vision and Mission of the Department and Institute (5)   Total Marks 5.00

Vision of the institute	To induce higher planes of learning by imparting technical education with International standards Applied research Creative Ability Value based instruction and to emerge as a premiere institute.
Mission of the institute	Achieving academic excellence by providing globally acceptable technical education by forecasting technology through Innovative Research and development Industry Institute Interaction Empowered Manpower
Vision of the Department	To be a center of excellence and renowned for Electronics and Communication Engineering education and research.

	Mission No.	Mission Statements
Mission of the Department	M1	Enlighten the graduates in the basic concepts underlying the principles of analog and digital electronics, communication systems and advanced technologies.
	M2	Provide state of the art infrastructure and research facilities.
	M3	Organizing industrial programs and social activities in collaboration with industries, NSS to disseminate knowledge.

1.2 State the Program Educational Objectives (PEOs) (5)   Total Marks 5.00

PEO No.	Program Educational Objectives Statements
PEO1	Enrich individuals & acquire skills in the fields of Electronics and Communication, software & firmware to produce high impact and futuristic solutions.
PEO2	Facilitate learning in the core field of Electronics and Communication Engineering, research & innovation to have progressive careers.
PEO3	Inculcate professional and ethical attitude, team spirit, leadership qualities and effective communication skills to make them aware of their social responsibilities.
PEO4	Utilize modern equipment and programming tools to solve real-life multi-disciplinary problems.

1.3 Indicate where the Vision, Mission and PEOs are published and disseminated among stakeholders (10)   Total Marks 10.00

Vision, Mission and PEOs are displayed at:

S.No	Location/Stakeholders	Display
1	Institute Website (Department Vision and Mission)	http://acoe.edu.in/?p=ECE#tab2 (http://acoe.edu.in/?p=ECE#tab2)
2	Institute Website (Department PEOs and PSOs)	http://acoe.edu.in/?p=ECE#tab5 (http://acoe.edu.in/?p=ECE#tab5)
3	HOD Office	Display Posters
4	Departmental Staff Rooms	Display Posters
5	Entrance of the Department	Display Posters
6	Departmental Laboratories	Display Posters
7	Departmental Library	Display Posters
8	Department corridors	Display Posters
9	Department waiting halls(Boys/Girls)	Display Posters
10	Department Dining Hall	Display Posters
11	Department Research Lab	Display Posters
12	Department Seminar hall	Display Posters

Vision, Mission and PEOs are published at:

S.No	Location/Stakeholders	Publish
1	Class Room Notice Boards	Printed Page
2	Course files	Printed Page
3	Student Attendance Registers	Printed Page
4	Department News Letter	Printed Page
5	Student Records/Observations	Printed Page
6	Lab Manuals	Printed Page
7	Student Project Books	Printed Page

Dissemination of Vision, Mission and PEOs:

PEOs are disseminated for the stakeholders in order to facilitate the translation of objectives into a work structure through publish the statements at various locations as specified in the above table through displaying Posters physically at various locations of the department. Publish through printing of statements in the student related stationary like Student Records, department News Letters etc

Process of Dissemination/Extension of awareness of Vision, Mission and PEOs among Stake Holders:

The dissemination of Vision, Mission and PEO statements is a regular practice in our department to create awareness among the stake holders by discussing them in

- Class Representative Meetings twice in a semester
- The Alumni meet once in an Academic Year
- Staff Meetings whenever conducted
- Parent Meeting once in an Academic Year
- Discussions with Recruiters twice in an Academic Year
- First Year student Induction Program once in an Academic Year
- General Body meetings once in an Academic Year
- Faculty Development Programs whenever organized

1.4 State the process for defining the Vision and Mission of the Department, and PEOs of the program (25)   **Total Marks 25.00**

Vision and Mission of the Department are derived from the Vision and Mission of the Institute, which is defined by performing SWOC analysis (Strengths Weaknesses, Opportunities and Challenges) by strengthening the feedback process of stakeholders and having discussions and interactions with students, faculty members, administrators and alumni. In formulating the Vision and Mission of the Department, the below steps are followed:

Step 1. Vision and Mission of the college and sample Vision & Mission statements of high repute institutions are taken as basis.

Step 2. Views are taken from the stakeholders of the Department such as students, alumni, faculty members, employers and parents.

Step 3. The views about the Vision and Mission of the department are formulated by the Program Assessment Committee (PAC).

Step 4. The Department Committee (DC) reviews the Vision and Mission of the department and checks the consistency with the Vision and Mission of the Institute and finalizes the Vision and Mission of the department. If the statements are not consistent then it

sends them to Department Advisory Committee (DAC) to conduct brain storming session for refining the Vision and Mission statements.

Step 5. DAC refines Vision and Mission statements and sends them to DC, it finalizes Vision, Mission statements and the chairman of the committee sends them to the Principal for approval.

Step 6. Vision and Mission statements of the department are published, displayed and disseminated among stake holders.
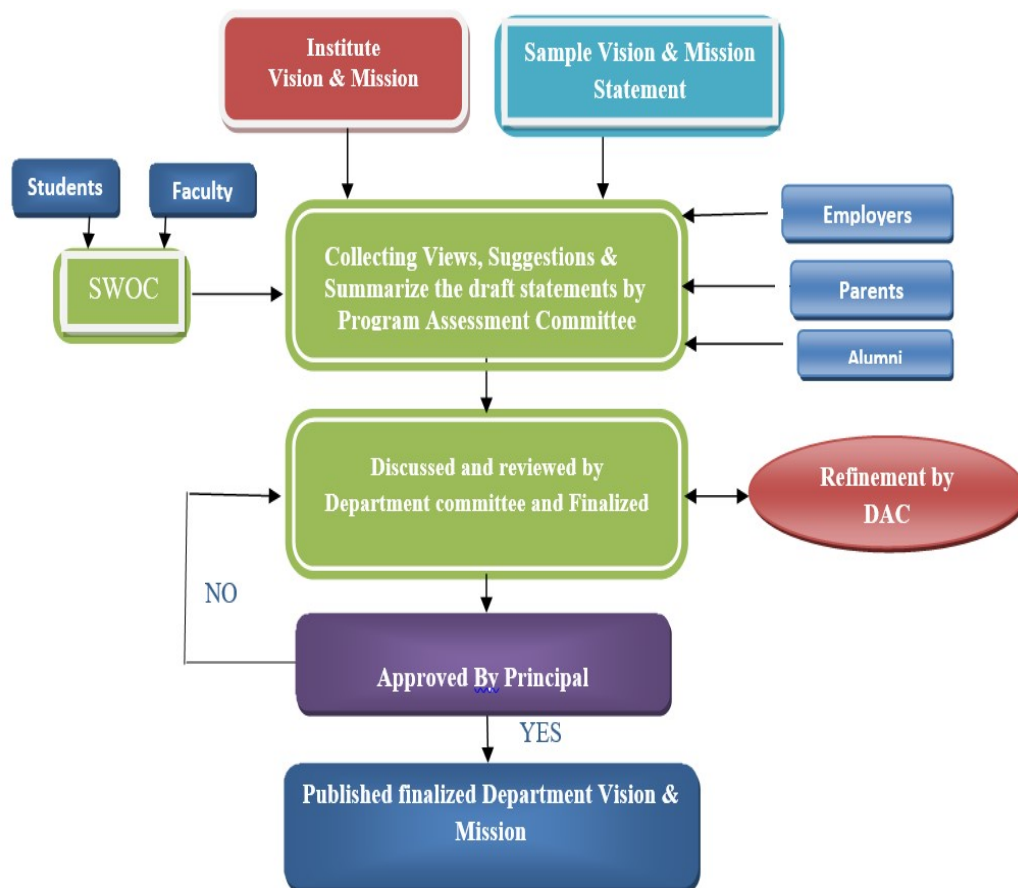
Fig 1.4.1: Process for Defining Vision and Mission of the Department

(B) Process for defining PEO's of the B.tech (ECE) Program:

Program Educational Objectives are broad statements that describe what graduates are expected to obtain within a four years of graduation. PEO's are on the needs of the program constituencies. The Program Educational Objectives are established through an approaching process involving all the stakeholders such as students, Alumni, Industry Representatives, faculty, Staff and Parents.

PEO's are directly related to curriculum outcomes of the program. These PEO's helps in fulfilling the Mission of the Department Useful in progressive development of the expectations of the graduating Engineers.

Stakeholders are the core to prepare the PEOs:

Alumni: They will help to assess the state of the department

Students: Should be aware that the department, will fulfill their future development (Employment/higher education).

Parents: Interested to give suggestions for their wards better education and employability.

Faculty: The faculty members are involved on regular basis in the assessment process.

Employer: Provides the satisfaction feedback of their employees, their satisfaction translates to employment opportunities for the students.

Steps for Defining Program Educational Objectives for the Program

Step 1. Vision and Mission of the college and sample Vision & Mission statements are taken as a basis.

Step 2. Vision, Mission and POs of the Department are taken on the basis of interaction with various stakeholders.

Step 3. The Program Assessment Committee (PAC) collects the survey results of various stakeholders.

Step 4. On considering the views of the stakeholders, the PEOs are formulated by the DC.

Step 5. The PEOs are presented before the Department Advisory Committee (DAC) for additional inputs to improvise the program.

Step 6. DC reviews and finalizes PEO statements, with the approval of principal PEOs were sent to Governing Body.

Step 7. Department PEOs were published, displayed & disseminated among stake holders.
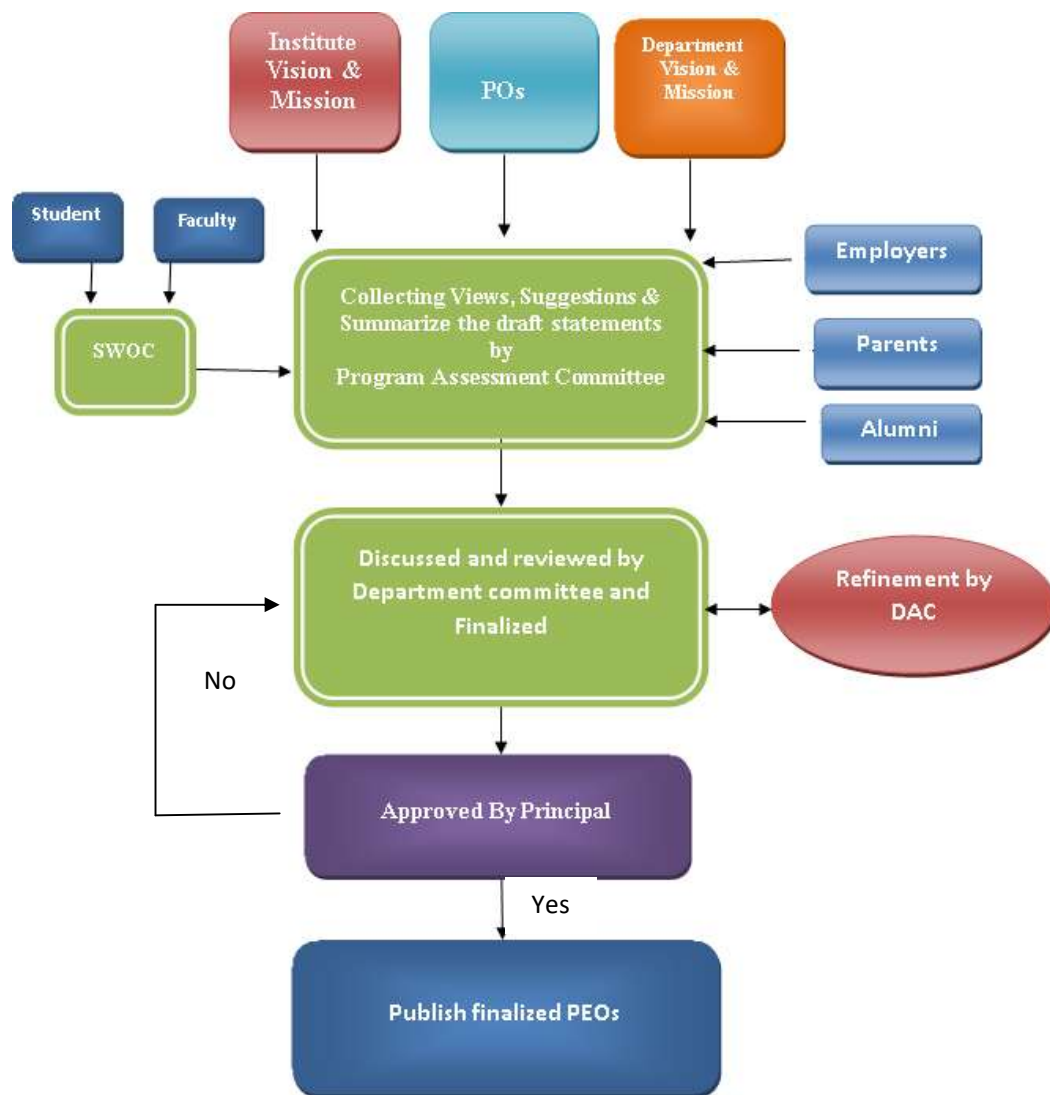
Fig. 1.4.2 Process for Defining PEOs of the Department

1.5 Establish consistency of PEOs with Mission of the Department (15)   Total Marks 15.00

PEO Statements /Mission Statements	M1- Enlighten the graduates in the basic concepts underlying the principles of analog and digital electronics communication systems and advanced technologies.	M2- Provide state of the art infrastructure and research facilities	M3- Organizing Industrial programs and social activities in collaboration with industries, NSS to disseminate knowledge
Enrich individuals & acquire skills in the fields of Electronics and Communication, software & firmware to produce high impact and futuristic solutions.	3	3	2
Facilitate learning in the core field of Electronics and Communication Engineering, research & innovation to have progressive careers.	3	3	2
Inculcate professional and ethical attitude, team spirit, leadership qualities and effective communication skills to make them aware of their social responsibilities.	2	2	3
Utilize modern equipment and programming tools to solve real-life multi-disciplinary problems.	3	3	2

MISSION/PEO MATRIX	DM1	DM 2	DM 3
PEO1 Enrich individuals & acquire skills in the fields of Electronics and Communication, software & firmware to produce high impact and futuristic solutions.	3	3	2

JUSTIFICATION:

PEO1 to DM1 is highly mapped because improvement of skills in different fields can be achieved with the basic concepts regarding analog, digital and other advanced technologies.

PEO1 to DM2 is highly mapped because in-order to handle software, firmware & futuristic solutions - infrastructure and research facilities are essential

	DM1	DM 2	DM 3
PEO2 Facilitate learning in the core field of Electronics and Communication Engineering, research & innovation to have progressive careers	3	3	2

JUSTIFICATION:

PEO2 to DM1 is highly mapped because infrastructure and research facilities are essential for PEO2 attainment.

PEO2 to DM2 is highly mapped as research and innovation for progressive careers is being facilitated through developed infrastructure and research.

	DM1	DM 2	DM 3
PEO3 Inculcate professional and ethical attitude, team spirit, leadership qualities and effective communication skills to make them aware of their social responsibilities	2	2	3

JUSTIFICATION:

PEO3 to DM3 is mapped highly to inculcate the professional and ethical attitude, effective communication skills and leadership qualities among students can be achieved by organizing industrial programs and social activities in collaboration with industries and NSS.

PEO3 to DM1 is moderately mapped because improvement of professional and ethical attitude and effective communication skills in different fields can be achieved with the basic concepts regarding digital electronics communication systems and other advanced technologies

	DM1	DM 2	DM 3
PEO4 Utilize modern equipment and programming tools to solve real-life multi-disciplinary problems	3	3	2

JUSTIFICATION:

PEO4 to M1 is mapped high as the advanced technology programming tools and modern equipment are provided to students for providing quality teaching and learning process

PEO4 to M2 is mapped high as modern equipment and programming tools are provided through infrastructure and research facilities to solve multi-disciplinary problems.

CRITERIA 2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (120)

2. PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (120)

2.1 Program Curriculum (20)

2.1.1. State the process used to identify extent of compliance of the University curriculum for attaining the Program Outcomes and Program Specific Outcomes as mentioned in Annexure-I. Also mention the identified curricular gaps, if any (10).

A. Process used to identify extent of compliance of the University Curriculum for attaining the Program Outcomes and Program Specific Outcomes

Aditya College of Engineering, Surampalem is affiliated to Jawaharlal Nehru Technological University Kakinada, Kakinada. Board of Studies (BOS) of the university has taken enough care to see that, all the POs are attained through prescribed curriculum. The course outcomes as prescribed by the University are adopted with minor changes. The Course Outcomes are mapped with POs and PSOs and rubrics are formulated from Blooms Taxonomy. With the matrix obtained, the weakly mapped POs and PSOs are identified. University Curriculum maintains a balance in the composition of basic sciences, humanities and social sciences, professional courses and their distribution in program core and program elective offerings. The department has put additional efforts to fill the identified gaps through Workshops, Guest Lectures, Seminars, Technical training and delivery of content beyond syllabus etc. The curriculum for the Electronics & Communication Engineering program as prescribed by the University has shown in below table.

Table: University Curriculum

S. No	Courses	Total
1	Engineering Science Courses	9
2	Program Core Courses	30
3	Program Elective Courses	5
4	Open Electives Courses	2
5	Humanities & Social Science Courses	5
6	Basic Science Courses	7
7	Mandatory Courses(Non Credit)	4
8	Project Work	4

The following Table2.2.1.a shows the regulation followed for the three academic years to the students in their respective year of study.

Table2.2.1.a

Year	I	II	III	IV
2021-22	R20	R20	R19	R16
2020-21	R20	R19	R16	R16
2019-20	R19	R16	R16	R16
2018-19	R16	R16	R16	R13
2017-18	R16	R16	R13	R13

University Curriculum Analysis
Social Sciences & Humanities Courses for R19 Regulation

Course code	Name of the Course	Instructional Hours & Credits			
		L	T	P	C
C111	English	3	-	-	3
C116	English Lab	-	-	3	1.5
C129	Communication Skills Lab	-	-	2	1.5
C216	Managerial Economics & Financial Analysis	3	-	-	3
C226	Management and organizational behavior	3	-	-	3
Total		**9**	**0**	**5**	**12**

Basic Sciences Courses for R19 Regulation

Course code	Name of the Course	Instructional Hours & Credits			
		L	T	P	C
C112	Mathematics – I	3	-	-	3
C113	Applied Chemistry	3	-	-	3
C121	Mathematics – II	3	-	-	3
C122	Mathematics – III	3	-	-	3
C123	Applied Physics	3	-	-	3
C117	Applied / Engineering Chemistry Laboratory	-	-	3	1.5
C128	Applied Physics Lab	-	-	3	1.5
Total		**15**	**0**	**6**	**18**

Engineering Science courses for R19 Regulation

Course code	Name of the Course	Instructional Hours & Credits			
		L	T	P	C
C114	Programming for Problem Solving Using C	3	-	-	3
C115	Engineering Drawing	1	-	3	2.5
C118	Programming for Problem Solving Using C Lab	-	-	3	1.5
C124	Network Analysis	3	-	-	3
C125	Basic Electrical Engineering	3	-	-	3
C126	Electronic workshop	-	-	2	1
C127	Basic Electrical Engineering Lab	-	-	3	1.5
C215	Object Oriented Programming through JAVA	3	-	-	3
C225	Computer Architecture and Organization	3	-	-	3
Total		**16**	**0**	**11**	**21.5**

Program core/Lab core courses for R19 Regulation

Course code	Name of the Course	Instructional Hours & Credits			
		L	T	P	C
C211	Electronic Devices And Circuits	3	-	-	3
C212	Switching Theory And Logic Design	3	-	-	3
C213	Signals and systems	3	-	-	3
C214	Random Variables And Stochastic Process	3	-	-	3
C217	Electronic Devices and Circuits - Lab	-	-	3	1.5
C218	Switching Theory and Logic Design - Lab	-	-	3	1.5
C221	Electronic Circuit Analysis	3	-	-	3
C222	Linear Control systems	3	-	-	3
C223	Electromagnetic Waves & Trans. Lines	3	-	-	3
C224	Analog Communications	3	-	-	3
C227	Electronic Circuit Analysis – Lab	-	-	3	1.5
C228	Analog Communications Lab	-	-	3	1.5

C311	Linear IC Applications	3	-	-	3
C312	Micro Processors & Micro Controllers	3	-	-	3
C313	Digital Communications	3	-	-	3
C314	Electronic Measurements & Instrumentation	3	-	-	3
C316	Linear IC Applications Lab	-	-	3	1.5
C317	Digital IC Applications Lab	-	-	3	1.5
C318	Micro Processors & Micro Controllers Lab	-	-	3	1.5
C321	Wired and Wireless Transmission Devices	3	-	-	3
C322	VLSI Design	3	-	-	3
C323	Digital Signal Processing	3	-	-	3
C327	VLSI Lab	-	-	3	1.5
C328	Digital Signal Processing Lab	-	-	3	1.5
C326	Internet of Things	3	-	-	3
C411	Microwave and Optical Communication Engineering	3	-	-	3
C412	Data Communications & Computer networks	3	-	-	3
C413	Digital Image and Video Processing	3	-	-	3
C416	Internet of Things Lab	-	-	3	1.5
C417	Microwave and Optical Communication Engineering Lab	-	-	3	1.5
Total		**57**	**0**	**33**	**73.5**

Program Elective courses for R19 Regulation

Course code	Name of the Course	Instructional Hours & Credits			
		L	**T**	**P**	**C**
C315	Professional elective-1	3	-	-	3
C324	Professional Elective-2	3	-	-	3
C414	Professional Elective-3	3	-	-	3
C415	Professional Elective-4	3	-	-	3
C421	Professional Elective-5	3	-	-	3
Total		**15**	**0**	**0**	**15**

Open Elective Courses for R19 Regulation

Course code	Name of the Course	Instructional Hours & Credits			
		L	**T**	**P**	**C**
C325	Open Elective-1	3	-	-	3
C422	Open Elective-2	3	-	-	3
Total		**6**	**0**	**0**	**6**

Project/Seminar for R19 Regulation

Course code	Name of the Course	Instructional Hours & Credits			
		L	**T**	**P**	**C**
C1210	Engineering Exploration Project	-	-	**2**	**1**
C319	Mini Project with Hardware Development	-	-	**3**	**1.5**
C418	Project - Part I	-	-	**6**	**3**
C423	Project - Part II	-	-	**18**	**9**
Total		**0**	**0**	**29**	**14.5**

Mandatory courses for R19 Regulation

Course code	Name of the Course	Instructional Hours & Credits			
		L	**T**	**P**	**C**
C119	Environmental Studies	3	-	-	0
C219	Constitution of India	3	-	-	0
C310	Essence of Indian Traditional Knowledge	3	-	-	0
C329	IPR & Patents	3	-	-	0
Total		**12**	**0**	**0**	**0**

University Curriculum Analysis (Numbers)

Academic Year: 2020-21

Category	Courses	Hours	Credits
Engineering Sciences	09	27	15.5
Program Core	30	90	73.5
Program Elective	05	15	15
Open Elective	02	06	06
Humanities & Social Sciences	05	14	11.5
Basic Science	07	21	18
Project Work	04	29	14.5
Mandatory Courses (Non Credit)	04	12	0
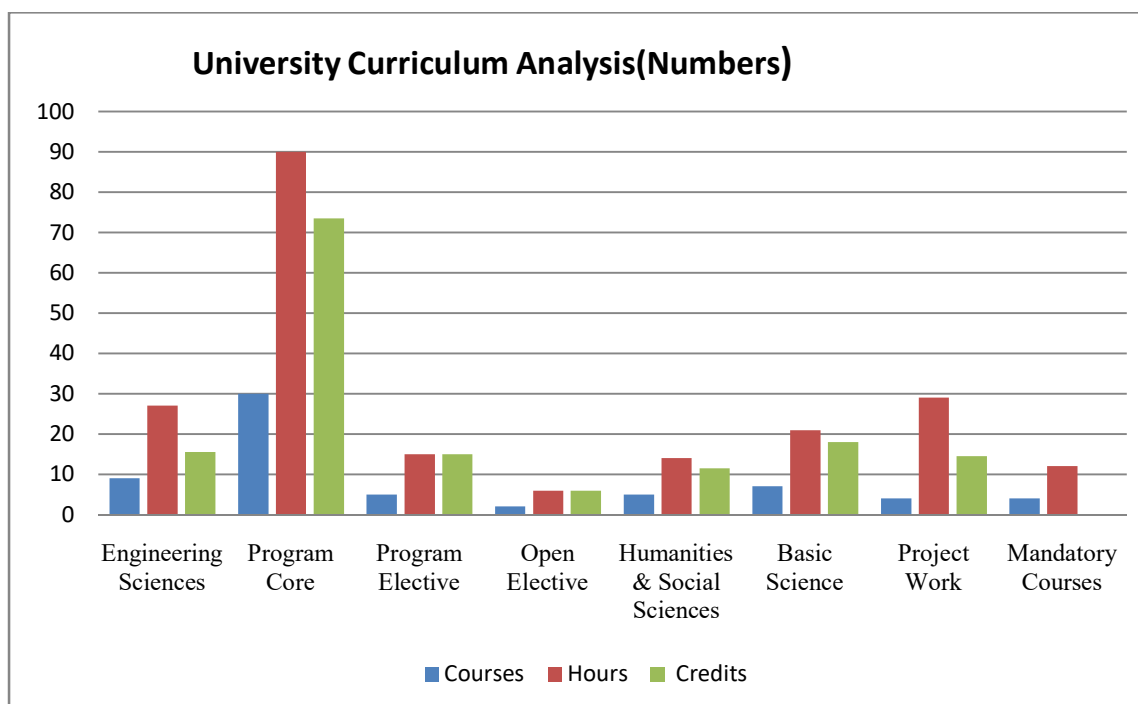
University Curriculum Analysis (Percentage)

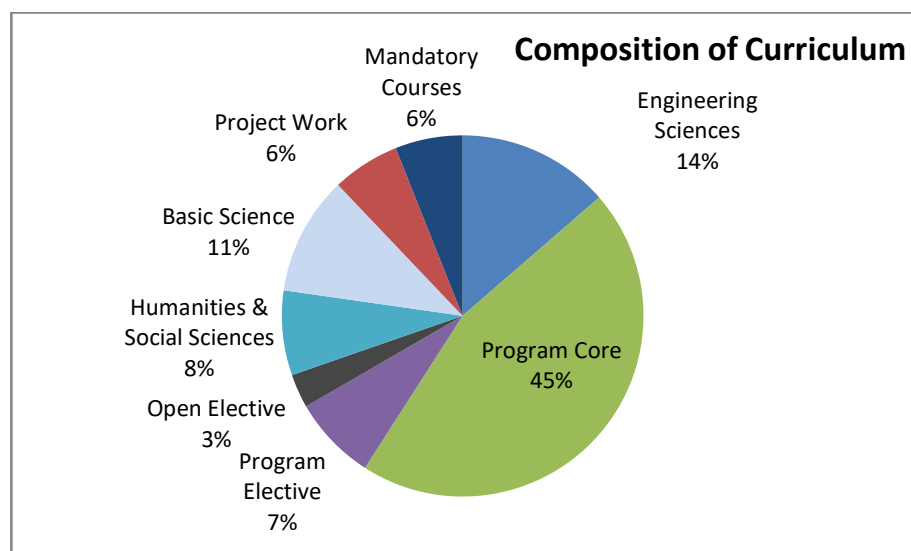| Category	%Courses	% Hours	% Credits
Engineering Sciences	13.6	12.61	10.06
Program Core	45.45	42.05	47.72
Program Elective	7.57	7.00	9.74
Open Elective	3.03	2.80	3.89
Humanities & Social Sciences	7.57	6.54	7.46
Basic Science	10.6	9.81	11.68
Project Work	6.06	13.55	9.41
Mandatory Courses	6.06	5.60	0
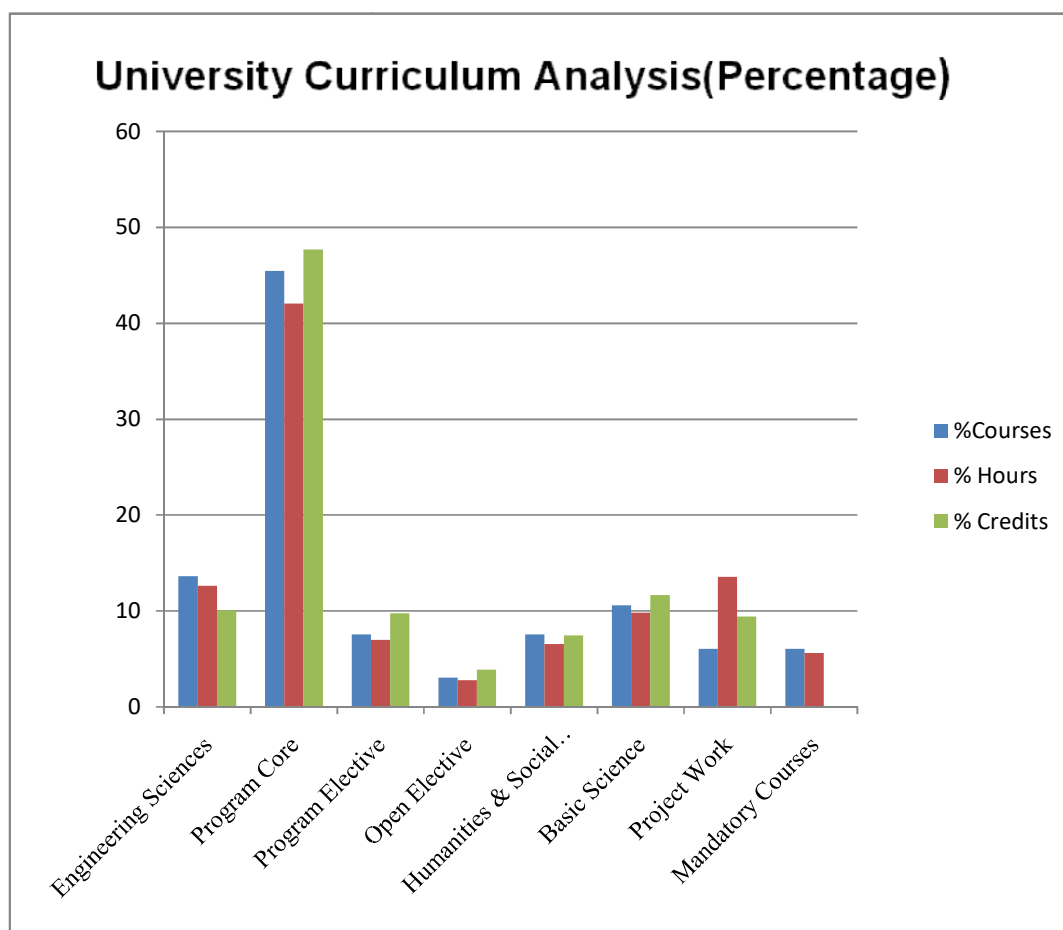
Figure: Composition of the University Curriculum

Program outcomes and Program Specific Outcomes along with their Mapped Courses are given in table B.2.1.

Table B.2.1.a POs and PSOs with their mapped courses (With Including Gaps)

S.No	POs and PSOs	Mapped Courses
1	PO 1 Engineering Knowledge	Theory Courses:C112,C113,C114,C115,C121,C122,C123,C124,C125,C211,C212,C213,C214,C215,C221,C222,C223,C224,C225,C226,C311,C312,C313,C314,C315,C321,C322,C323,C324,C325,C411,C413,C414,C415,C416,C421,C422,C423,C424 Laboratory Courses : C117,C118,C126,C127,C128,C217,C218,C227,C228,C316,C317,C318,C326,C327,C328,C417,C418 Seminar & Project:C425,C426
2	PO 2 Problem analysis	Theory Courses: C112,C114,C121,C122,C123,C124,C125,C211,C212,C213,C214,C215,C216,C221,C222,C223,C224,C225,C226,C311,C312,C313,C314,C315,C321,C322,C323,C324,C325,C411,C412,C413,C414,C415,C416,C421,C422,C423,C424 Laboratory Courses and Project : C117, C118,C127,C128,C217,C218,C227,C228,C316,C317,C318,C326,C327,C328,C417,C418 Seminar &Project: C425,C426

3	PO 3- Design/development of Solutions	Theory Courses: C113,C114,C115,C122,C123,C124,C125,C212,C215,C216,C221,C222,C223,C224,C225,C226,C311,C312,C313,C315,C321,C322,C323,C324,C325,C411,C412,C413,C414,C415,C416,C421,C422,C423,C424 Laboratory Courses and Project : C118,C126,C128,C217,C227,C228,C316,C317,C318,C326,C327,C328,C417,C18, Seminar &Project: C425,C426
4	PO 4- Conduct investigations of complex problems	Theory Courses: C122,C123,C211,C223,C224,C226, C311,C312,C313,C314,C315,C321,C322,C323,C324,C411,C412,C414,C421,C424 Laboratory Courses: C117,C227,C316,C318,C327,C328,C417,C418, Seminar &Project: C425,C426
5	PO 5- Modern tool usage	Theory Courses: C115,C213,C215,C216,C226,C311,C312,C315,C321,C411,C413,C414,C416,C424 Laboratory Courses: C127,C218,C228,C316,C318,C327,C328,C417 Seminar & Project: C425,C426
6	PO 6- The Engineer and Society	Theory Courses: C111,C122,C413,C424 Laboratory Courses : C126,C227,C316,C418,
7	PO 7- Environment	Theory Courses: C113,C122 Laboratory Courses:C117,C316,C326
8	PO 8- Ethics	Theory Courses: C111,C424 Laboratory Courses:C217,C326
9	PO 9- Individual and team work	Theory Courses: C123,C216,C226,C413,C414,C416,C418, Laboratory Courses: C126,C127,C218,C227,C317,C318,C326, Seminar & Project:C425, C426,
10	PO 10- Communication	Theory Courses: C111,C216,C416, Laboratory Courses: C116,C126,C227,C326,C418, Seminar & Project:C425, C426
11	PO 11- Project Management and Finance	Theory Courses: C215,C216,C413, Laboratory Courses: C326 Seminar & Project:C425, C426
12	PO 12- Life-Long Learning	Theory Courses: C111,C123,C214,C215,C221,C225,C324,C325,C414,C415,C416,C423 Laboratory Courses: C126,C217,C218,C227,C316,C318,C326,C328,C418,

	PSO 1- Apply concepts in Electronics & Communication Engineering to design and implement systems in the areas related to communication, Image Processing, VLSI, Antenna and Embedded Systems	Theory Courses: C114,C211,C213,C214,C221,C222,C223,C226,C311,C312,C313,C314,C315,C321,C322,C323,C324,C325,C413,C414,C415,C416,C421,C422,C423,C424 Laboratory Courses and Project : C217, C218, C227,C228,C316,C317,C318,C327,C328,C417,C418 Seminar & Project:C425, C426
13		
14	PSO-2- Demonstrate proficiency in utilization of software and hardware tools related to Electronics and Communication technology, while acquiring soft skills like persistence, proper judgment through projects and industrial interactions	Theory Courses: C111, C215, C221, C223, C224, C225, C226, C312, C315, C321, C411, C412, C413,C414,C415,C416. Laboratory Courses and Project : C116,C218,C227,C228,C316, C317, C318, C327, C328, C417,C418

Table B.2.1.b POs and PSOs with their mapped courses (Without Including Gaps)

S.No	POs and PSOs	Mapped Courses
1	PO 1 Engineering Knowledge	TheoryCourses:C112,C114,C115,C121,C113,C123, C122,C124,C125,C211, C212, C213, C214, C215, C216,C221,C222,C223,C224,C225,C226,C311,C312,C313,C314,C315,C321,C322,C323,C324,C325,C4201,C422,C423,C424,C425,C412,C414,C415, C416 Laboratory courses :C117,C118,C126,C127,C128, C217, C218, C227,C228, C317, C318, C326, C327, C328, C417,C418 Project: C1210,C426
2	PO 2 Problem analysis	Theory Courses: C112,C121,C122, C113, C123, C124, C125, C211, C212, C213, C214, C215, C221, C222, C223, C224, C225, C226, C311, C312, C313, C314, C315C321, C322, C323, C324, C325, C4201, C422, C423, C424,C425, C412,C414, C415,C416 Laboratory Courses and Project : C117, C127,C128, C217, C218, C227,C228, C317, C318, C326, C327, C328, C417,C418 Project: C426

3	PO 3- Design/development of Solutions	Theory Courses: C113, C123, C125, C212, C215, C216, C221, C222, C223, C224, C225, C226, C311, C312, C313, C314, C315,C321, C322, C323, C324, C325, C4201, C422, C423, C424,C425, C412,C413, C415,C416

Laboratory Courses and Project : C126, C217, C227,C228,C317, C318, C326, C327, C328,C417,C418

Project: C426 |
| 4 | PO 4- Conduct investigations of complex problems | Theory Courses: C124, C211, C216, C221, C222, C224, C314, C321, C322, C324, C4201, C424,C425, C412,C413,C414, C415,C416

Laboratory Courses: C227,C228, C328,C418

Project: C426 |
| 5 | PO 5- Modern tool usage | Theory Courses: C114,C112,C121,C122, C215,C221, C321, C322, C323, C324, C327,C425, C415,C416
Laboratory Courses: C115,C227,C228, C317, C318, C326,C418

Project: C1210,C426 |
| 6 | PO 6- The Engineer and Society | Theory Courses: C219, C416

Laboratory Courses : C328 |
| 7 | PO 7- Environment | Theory Courses: C113,C122 |
| 8 | PO 8- Ethics | Theory Courses: C216, C226 |
| 9 | PO 9- Individual and team work | Theory Courses: C216, C226, C324,C425
Laboratory Courses: C218, C326, C417,C418
Project: C426 |
| 10 | PO 10- Communication | Theory Courses: C111,C116,C216,C425
Laboratory Courses: C129 |
| 11 | PO 11- Project Management and Finance | Theory Courses: C215, C226 ,C426 |
| 12 | PO 12- Life-Long Learning | Theory Courses: C214, C215, C224, C225,C226, C311, C315,C324, C325, C423, C416
Laboratory Courses: C218, C227,C228, C326, C328, C418 |
| 13 | PSO 1- Apply concepts in Electronics& Communication Engineering to design and implement systems in the areas related to communication, Image | Theory Courses: C112,C121, C113, C122, C123 C124, C125, C211, C212, C213, C214,C221, C222, C223,C224, C225, C311, C312, C313, ,C323, C324, C325, C4201, C422, C423, C424,C425 C412,C413,C414, C415, C416 |

	processing, VLSI, Antenna and Embedded Systems	Laboratory Courses and Project : C126, C127, C217, C218, C227,C228, C317, C318, C326, C327, C328 C426,C417,C418
14	PSO-2- Demonstrate proficiency in utilization of software and hardware tools related to Electronics and Communication technologies, while acquiring soft skills like persistence, proper judgment through projects and industrial interactions	Theory Courses: C114, C215,C221, C311, C314, C315,C321, C322, C324, C4201,C412, C415, C416 Laboratory Courses and Project : C117,C118,C128, C1210,C227,C228, C317, C318, C326, C327, C328, C417,C418

B. Process for curriculum gap identification:

Curriculum gaps are identified using the following process in the department.

➢ Department Advisory Committee will identify the gaps by consideration of mapped POs, faculty feedback, industry requirements, alumni feedback and exit survey.

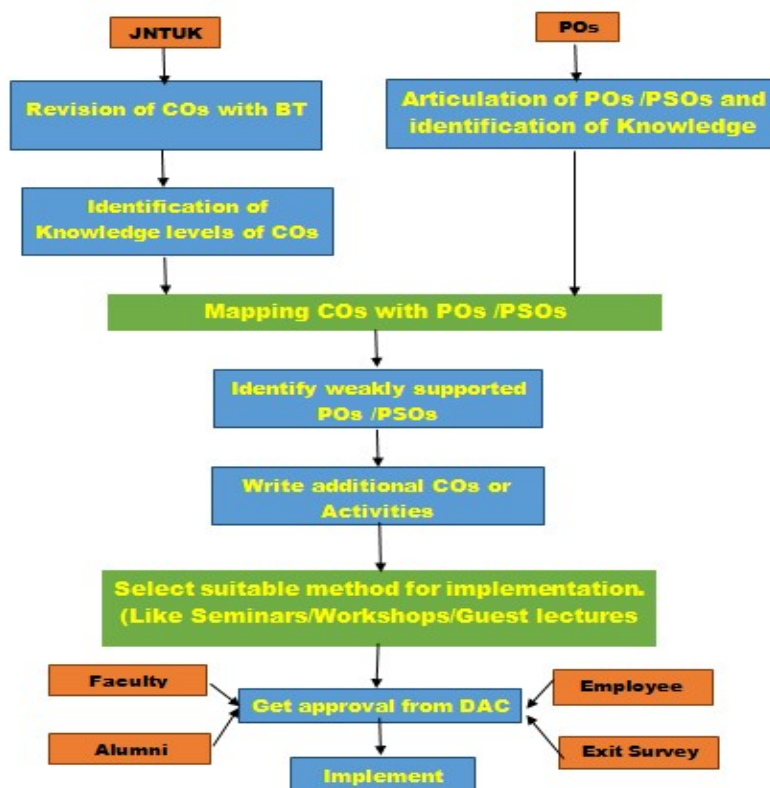➢ DAC will suggest various measures to bridge the identified gaps.

Figure: Flow Chart for gap identification

C. Gaps identified in the following aspects are filled through Guest Lectures, Hands-on workshops, seminars, training sessions etc

1. Technical skills to suit industry needs.
2. Practical applications
3. Knowledge about new technologies and tools.
4. Soft skills for employability.

Gaps missing in following courses in academic year 2021-22

S. No	Course Title	Gap Identified	Mapping to PO's/PSO's
1	Wired and Wireless transmission Devices	MEMS Switches are lagging Modern tools usage are lagging	PO1,PO3,PO4,PO6,PO7,PSO2
2	Optical Communication	Practical applications of optical communication are lagging	PO1,PO11,PSO1
3	Linear Integrated Circuits and Applications	Multi-vibrator concepts are lagging	PO4,PO5,PSO 2
4	Signals and Systems	Usage of modern tool is lagging in	PO2,PO3,PO4,PSO1
5	VLSID	i. Parasitic Capacitances of MOSFET ii. FPGA Implementation for digital circuits are lagging	PO1,PO4,PO9,PSO2
6	WSN	Awareness on wireless protocols are lagging	PO4,PO5,PSO1

Gaps missing in following courses in academic year 2020-21, I Semester

S. No	Course Title	Gap Identified	Mapping to PO's/PSO's
1	Electronic Devices and Circuits	Lack of understating in material science concepts	PO1,PO3,PO4, PSO1
2	Switching Theory and Logic Design	Design/ Development of solutions lagging	PO4,PO5,PSO1,PSO2
3	Random Variables and Stochastic Processes	Complex problem solving and analyzing skills are lagging	PO1,PO2,PSO1,
4	Electronic Devices and Circuits – Lab	Lack of proper skills on soldering and PCB design.	PO3,PO4,PO5, PSO1,PSO2
5	Linear Integrated Circuits and Applications	Practical application of fabrication process of IC is lagging	PO4,PO5,PSO2
6	Digital IC Applications	Recent Hardware description languages are lagging	PO4, PSO 1
7	Digital Communications	Design and simulation of modulation techniques using MATLAB. is lagging.	PO4,PSO1
8	Antenna Wave Propagation	Modern Tool Usage lagging	PO1,PO3,PO7, PSO 1

9	Digital IC Applications Lab	Lacking of current trend scripting and hardware Description languages	PO1,PO3, PSO 1
10	Radar Systems	i. Light detection and ranging ii. Optical radars	PO1,PO4,PSO1
11	Digital Image and Video Processing	No modern tool usage	PO4,PO5,PSO1,PSO2
12	Microwave Engineering	i. Modern trends in Microwave engineering ii. MEMS for Microwave components	PO1,PO2,PO5,PO10,PO12,PSO1
13	Optical Communication	Practical applications of optical communication are lagging	PO1,PSO1
14	Embedded systems	Application of devices in designing circuits	PO3,PO4,PO5, PSO1
15	MPMC	Lagging in concepts of recent processors and controllers	PO1,P04,PSO2

Gaps missing in following courses in academic year 2020-21, II Semester

S. No	Course Title	Gap Identified	Mapping to PO's/PSO's
1	Electronic Circuit Analysis	Complex circuit design skills are lagging	PO4,P05,PSO1
2	Linear Control Systems	Modern Tool usage is lagging	PO1,PO2,PO3,P04
3	Electromagnetic Waves and Transmission Lines	Conduct Investigations of complex problems	PO1,PO2,PSO1
4	Analog Communications	Modern Tool usage is lagging	PO3,P04,PSO1
5	Microprocessor and Microcontrollers	RISC Vs CISC,ARM,PIC architectures Hasn't included	PO1,P04,PSO2
6	Micro Wave Engineering	Microwave Antennas design concepts are lagging	PO1,PO2,PO4,PO5, PSO1
7	VLSI Design	Implementation of CAD tools in VLSI	PO1,PO4,PSO1
8	Digital Signal Processing	Lagging of Conduct of Investigations of complex problems	PO1,PO3, PSO 1, PSO 2
9	Microprocessor and Microcontrollers – Lab	Modern Tool usage is lagging	PO4,PSO1
10	Satellite communications	Practical application of Space technology is lagging.	PO4,P05,PSO2,PSO1
11	Digital Communications Lab	Design and simulation of modulation techniques using MATLAB.	PO1, PO2, PO5, PSO1, PSO2

12	Cellular Mobile Communication	Practical applications in cellular mobile communication is lagging	PO1,PO2,PO4,PSO 2
13	Wireless Sensors and networks	Real-time applications in wireless technologies	PO4,PO12,PSO1
14	Professional Ethics	Awareness on Ethical values in Technical education	PO6,PO8,PO10

Gaps missing in following courses in academic year 2019-20, I Semester

S. No	Course Title	Gap Identified	Mapping to PO's/PSO's
1	Digital IC Applications	Doesn't include the very log HDL	PO4, PSO 1
2	Switching Theory and Logic Design	Doesn't include any Hardware Description Languages	PO4,PO5,PSO1,PSO2
3	Signals and Systems	Usage of modern tool is lagging in	PO2,PO3,PO4,PSO1
4	Electronic Devices and Circuits – Lab	Lack of proper skills on soldering and PCB design.	PO3,PO4,PO5,PSO1,PSO2
5	Linear Integrated Circuits and Applications	Practical application of fabrication process of IC is lagging	PO4,PO5,PSO 2
6	Random Variables and Stochastic Processes	Complex problem solving and analyzing skills are lagging	PO1,PO2,PSO1,
7	Digital Communications	Design and simulation of modulation techniques using MATLAB .is lagging.	PO4,PO9,PSO1
8	Antenna Wave Propagation	Modern Tool Usage lagging	PO1,PO3,PSO 1
9	Linear Integrated Circuits and Applications - Lab	Modern Software Tool usage is lagging	PO4,PO5,PSO 2
10	Digital IC Applications Lab	Lacking of current trend scripting and hardware Description languages	PO1,PO3, PSO 1
11	Radar Systems	Modern Tool usage is lagging	PO1,PO4,PSO1
12	Digital Image and Video Processing	Complex problems investigations are lagging	PO4,PO5,PSO1
13	Optical Communication	Modern Trends in Wavelength Division Multiplexing.	PO1,PSO1
14	Embedded systems	Application of devices in designing circuits	PO4,PO5,PSO1

Gaps missing in following courses in academic year 2019-20, II Semester

S. No	Course Title	Gap Identified	Mapping to PO's/PSO's
1	WSN	Awareness on wireless protocols are lagging	PO4,PO5,PSO1
2	Linear control systems	Modern tools usage is lagging	PO1,PO2,PO4,
3	Analog Communication	Modern tools usage is lagging	PO3,PO4,PSO1
4	MPMC	Lagging in concepts of recent processors and controllers	PO1,PO4,PSO2
5	VLSID	Cutting edge technology usage of tools in VLSI	PO1,PO4,PSO2
6	Satellite Communications	Practical Applications of space technology	PO4,PO5,PO7,PSO1,PSO2
7	Digital Communication Lab	Design and simulation of modulation techniques using MATLAB	PO1,PO2,PO5,PSO1,PSO2
8	Professional Ethics	Awareness on Ethical values in Technical education	PO6,PO8,PO10

Gaps missing in following courses in academic year 2018-19, I Semester

S. No	Course Title	Gap Identified	Mapping to PO's/PSO's
1	Digital IC Applications	Doesn't include the very log HDL	PO4, PSO 1
2	Switching Theory and Logic Design	Doesn't include any Hardware Description Languages	PO4,PO5,PSO1,PSO2
3	Signals and Systems	Usage of modern tool is lagging in	PO2,PO3,PO4,PSO1
4	Electronic Devices and Circuits – Lab	Lack of proper skills on soldering and PCB Circuit design.	PO3,PO4,PO5,PSO1,PSO2
5	Linear Integrated Circuits and Applications	Practical application of fabrication process of IC is lagging	PO4,PO5,PSO 2
6	Random Variables and Stochastic Processes	Complex problem solving and analyzing skills are lagging	PO1,PO2,PO4,PSO1,
7	Digital Communications	Design and simulation of modulation techniques using MATLAB. is lagging.	PO4,PO9,PSO1
8	Antenna Wave Propagation	Modern Tool Usage lagging	PO1,PO3,PO7,PSO1
9	Linear Integrated Circuits and Applications - Lab	Modern Software Tool usage is lagging	PO4,PO5,PSO 2
10	Digital IC Applications Lab	Lacking of current trend scripting and hardware Description languages	PO1,PO3, PSO 1

11	Radar Systems	Modern Tool usage is lagging	PO1,PO4,PSO1
12	Digital Image and Video Processing	Complex problems investigations are lagging	PO4,PO5,PSO1
13	Optical Communication	Practical applications of optical communication are lagging	PO1,PSO1
14	Embedded systems	Application of devices in designing circuits	PO4,PO5,PSO1

Gaps missing in following courses in academic year 2018-19, II Semester

S. No	Course Title	Gap Identified	Mapping to PO's/PSO's
1	Wireless Sensors and networks	Awareness on wireless protocols	PO4, PSO 1
2	RVSP	Modern tool usage is lagging	PO4,PO5,PSO1
3	Satellite Communications	To support much wider range of representing satellites	PO1,PO3,PO5, PSO1
4	VLSID	No usage of Modern tool usage like Silvaco tool.	PO1,PO4,PSO2
5	Linear control systems	Modern tools usage is lagging	PO1,PO2,PO4,
6	Professional Ethics	Awareness on Ethical values in Technical education	PO6,PO8,PO10
7	MPMC	Lagging in concepts of recent processors and controllers	PO1,PO4,PSO2

Gaps missing in following courses in academic year 2017-18, I Semester

S. No	Course Title	Gap Identified	Mapping to PO's/PSO's
1	Electronic Devices and Circuits	Lack of understating in material science concepts	PO1,PO3,PO4,PSO 1
2	Linear Integrated Circuits and Applications	Practical application of fabrication process of IC is lagging	PO4,PO5,PSO 2
3	Digital IC Applications	Recent Hardware description languages are lagging	PO4, PSO 1
4	Digital Communications	Design and simulation of modulation techniques using MATLAB is lagging.	PO4,PSO1
5	Antenna Wave Propagation	Modern Tool Usage lagging	PO1,PO3,PSO 1
6	Digital IC Applications Lab	Lacking of current trend scripting and hardware Description languages	PO1,PO3, PSO 1

7	Radar Systems	i. Light detection and ranging ii. Optical radars	PO1,PO4,PSO1
8	Digital Image and Video Processing	No modern tool usage	PO4,PO5,PSO1,PSO2
9	Microwave Engineering	i. Modern trends in Microwave engineering ii. MEMS for Microwave component	PO1,PO2,PO5, PO10,PO12,PSO1
10	Embedded systems	Application of devices in designing Circuits	PO4,PO5,PSO1
11	MPMC	Lagging in concepts of recent processors and controllers	PO1,P04,PSO2

Gaps missing in following courses in academic year 2017-18, II Semester

S. No	Course Title	Gap Identified	Mapping to PO's/PSO's
1	WSN	Awareness on wireless protocols are lagging	PO4,PO5,PSO1
2	Linear control systems	Modern tools usage is lagging	PO1,PO2,PO4,
3	Analog Communication	Modern tools usage is lagging	PO3,PO4,PSO1
4	MPMC	Lagging in concepts of recent processors and controllers	PO1,PO4,PSO2
5	VLSID	Cutting edge technology usage of tools in VLSI	PO1,PO4,PSO2
6	Satellite Communications	Practical Applications of space technology	PO4,PO5,PSO1,PSO2
7	Digital Communication Lab	Design and simulation of modulation techniques using MATLAB	PO1,PO2,PO5,PSO1,PSO2
8	Professional Ethics	Awareness on Ethical values in Technical education	PO6,PO8,PO10

2.1.2. State the delivery details of the content beyond the syllabus for the attainment of POs and PSOs (10)

Delivery details of the content beyond the syllabus for the attainment of POs and PSOs are as follows.

A. Steps taken to get identified gaps included in curriculum

The identified gaps are communicated to the University for Consideration during the revision of the curriculum. Beyond this, the department takes necessary measures to fill the gaps by impair concepts through content beyond syllabus.

Step 1. Seminars are arranged by experts frequently.

Step 2. Guest lectures are arranged by industry experts to overcome the gap between industry and academia.

Step 3. Practical hands on workshops are arranged to get exposure to modern tools

Step 4. Students are sent for industrial visits to various industries.\

Step 5. Aptitude test, value added courses, mini projects, employability enhancement program, etc.

Step 6. Students are encouraged to undertake in-plant training to the industries during semester holidays.

Dr.A.Ramesh   Date: 25.09.2021
Principal,
Aditya College of Engineering.

To ,

The Chairman, Board of Studies,
Department of ECE, JNTUK,
Kakinada.

Respected Sir,

Sub: Requisition of changes in the curriculum in order to aid better curriculum for upcoming academic year regarding..

Ref: Feedback analysis report.

I wish you to consider the following suggestions of our faculty members regarding the curriculum of academic year 2021-22 1st &2nd semester. The suggestions were made based on feedback collected from various stake holders. We are sure that the implementations of these modifications cab be useful for better curriculum to enhance the technical exposure in the students. The details of the courses and need of modifications were attached below. Kindly go through the details and may be adapted.

PROFESSOR OF ECE
DEPARTMENT OF ECE
UCER JNTUK KAKINADA

PRINCIPAL

ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC
Recognized by UGC under section 2(f) of UGC Act 1956
Ph: (0884) 2326224, 99631 76662, Email: office@acoe.edu.in, Website: www.acoe.edu.in

Department of Electronics and Communication Engineering Gaps AY: 2021-22

S. No	Course Title	Gap Identified	Mapping to PO's/PSO's
1	Wired and Wireless transmission Devices	MEMS Switches are lagging Modern tools usage are lagging	PO1,PO3,PO4,PO6,PO7,PSO2
2	Optical Communication	Practical applications of optical communication are lagging	PO1,PO11,PSO1
3	Linear Integrated Circuits and Applications	Multi-vibrator concepts are lagging	PO4,PO5,PSO 2
4	Signals and Systems	Usage of modern tool is lagging in	PO2,PO3,PO4,PSO1
5	VLSID	i. Parasitic Capacitances of MOSFET ii. FPGA Implementation for digital circuits are lagging	PO1,PO4,PO9,PSO2
6	WSN	Awareness on wireless protocols are lagging	PO4,PO5,PSO1

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PROFESSOR OF ECE
DEPARTMENT OF ECE
UCEK JNTUK KAKINADA

Dr.A.Ramesh

Date: 05.08.2021

Principal,

Aditya College of Engineering.

To,

The Chairman, Board of Studies,

Department of ECE, JNTUK,

Kakinada.

Respected Sir,

Sub: Requisition of changes in the curriculum in order to aid better curriculum for upcoming academic year regarding.

Ref: Feedback analysis report.

I wish you to consider the following suggestions of our faculty members regarding the curriculum of academic year 2020-21. The suggestions were made based on feedback collected from various stake holders. We are sure that the implementations of these modifications can be useful for better curriculum to enhance the technical exposure in the students. The details of the courses and need of modifications are attached. Kindly go through the modifications and may be adapted.

Received

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Aditya College of Engineering

SURAMPALEM - 533 437

Department of Electronics and Communication Engineering

S.No	Course Name	Proposed Change
1	Analog Communication:	Basics of Satellite communication and Optical Communication
2	Electronic Devices and Circuits	Material science concepts
3	Linear Integrated Circuits and Applications	Fabrications of IC Technology
4	Microwave Engineering	i. Modern Trends in Microwave Engineering ii. MEMS for Microwave components
5	Digital Image Processing	Basics of Modern tools usage
6	Antennas and Wave Propagation	Introduce software design tools
7	Wireless Sensor Networks	Real time application in wireless technology
8	Digital Integrated Circuits and Applications	Recent HDL concepts.

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Department always encourages the students to participate in various events beyond the syllabus i.e inter and intra departmental & inter institute events. Students are very much active in participating in an events like

1. Sports and games (PO8, PO9)
2. Technical workshops (PO5, PO12)
3. Industrial Training programs (PO6, PO7)
4. Power point presentations (PO10)
5. Technical Quiz Programs (PO1)
6. National Festivals (PO7)
7. Project exhibitions (PO6, PO9, PO11)

CAY (2021-22)

S. No.	Gap identified	Action taken	Date	Resource Person with designation	% of students present	Relevance to POs, PSOs
1	i. FPGA Implementation for digital circuits are lagging	Work shop on FPGA implementation for Digital circuits	12& 13-11-2021	Mr G.Murali, Senior Engineer, ECIL, HYDERABAD	60	PO1,PO4,PSO2
2	MEMS Switches are Lagging	A Seminar on MEMS Switches.	26-02-2022	Dr.N.V.Rao, Professor, Bapatla Engineering College	65	PO1,PO2,PO5,PO10,PO12,PSO1

CAY (2020-21)

S. No.	Gap identified	Action taken	Date	Resource Person with designation	% of students present	Relevance to POs,PSOs
1	No modern tool usage	Guest lecture on image processing using MATLAB	26-11-2020	Dr.Ch.Srinivasarao Professor ,JNTUV	80	PO5,PSO1 &PSO2
2	MEMS for Microwave components	A Seminar on MEMS for Microwave Engineering	16-02-2021	Dr.N.V.Rao, Professor ,JNTUK	85	PO1,PO3,PSO1
3	Modern Tool Usage lagging	Workshop on HFSS Antenna Design	19-01-2021 &20-01-2021	Dr U.V.Ratna kumari, Professor, JNTUK	90	PO2,PO3 ,PO4,PO5, PO9&PSO 1,PSO2

4	Real-time applications in wireless technologies	A online Seminar on Wireless Sensors	2-02-2021	Dr.K.Dhanalakshmi, JNTUK	85	PO5,PSO1, PSO2
5	To learn latest protocols to implement various applications	Seminar on Internet of Things	21-11-2020	Mr.Sudheer Certified trainer T-Hub	75	PO1,PO2,PO5,PSO1,PSO2
6	Lack of understating in material science concepts	Online seminar on Semiconductor technology	22-12-2020	G.Murali,ECIL, Senior Engineer	80	PO1,PO12, PSO1
7	Awareness on Wireless protocols	Certification course on CCNA	04-12-2020	Mr.A.Chaitnya Certified trainer T-Hub	66	PO1,PO2,PO5,PO12& PSO2
8	Application of devices in designing circuits	Master Class on FPGA	19-04-2021	M.Mariappan, Director, Pantech Solutions	89	PO3,PO5,PO12&PSO1
9	Lack of proper usage of tools in image processing	Workshop on Image processing using MATLAB	12-04-2021	M.Mariappan, Director, Pantech solutions	80	PO1,PO5,PO9,PSO2
12	Recent technology skill for signal processing are lagging	Workshop on image and signal processing using machine learning	20-12-2021	Dr. I. Santhi prabha, Professor, JNTUK	85	PO1,PO2,PO5,PO12& PSO2
13	Awareness on Ethical values in Technical education	Seminar on "Inculcating Human Values and Ethics in Technical Education	13-12-2020	Dr.J.Hanumant rao,Professor, ACET, Surampalem	78	PO6,PO8,PO10

CAY (2019-20)

S. No.	Gap identified	Action taken	Date	Resource Person with designation	% of students present	Relevance to POs, PSOs
1	Lack of proper skills on soldering and PCB design.	Hands on workshop Session on Circuit designing	20-8-2019	Mr.Sudheer Certified trainer T-Hub	73	PO3,PO4,PO6,PO9,PSO1
2	Students lack of understanding in copy rights.	one day seminar on "Roll of IPR & Innovation Management for Academia-Industry collaboration	3-12-2019	Mr Muralikrishna Pattabi	75	PO9
3	To learn latest protocols to implement various applications	Seminar on IOT	21-07-2019	Mr.Sudheer Certified trainer T-Hub	75	PO1,PO2,PO5,PSO2
4	Wireless protocols	Certification course on CCNA	17-03-2019	Mr.A.Chaitnya Certified trainer T-Hub	80	PO1,PO2,PO5,PO12,PSO1,PSO2.
5	Antenna design tools are lagging	Workshop on Antenna design using FEKO	18-7-2019	Mr.Marepally Bhanu Chandra, Assistant professor, KL University	80	PO1,PO2,PO5,PO9,& PSO2
6	Applications and recent trends in Image segmentation	Workshop on Image segmentation	20-8-2019	Dr. R.V.V. Krishna, Professor, Aditya college of engineering& technolog	85	PO1,PO2,PO5,&PSO2
7	Lagging in concepts of recent processors and controllers	Workshop on applications on MSP430 microcontroller	20-1-2020	M.Mariappan, Director, Pantech solutions	75	PO1,PO5,PO9,PO12& PSO1,PSO2.

8	Applications of communication technologies	Workshop on applications of communication technologies	10-02-2020	Dr. K.Padma priya, Professor, JNTUK	80	PO1,PO2,PO12&PSO1
9	Recent advances in VLSI System Design	Workshop on recent advances in VLSI	1-02-2020	Dr. K.Padma priya, Professor, JNTUK	80	PO1,PO5,PO12&PSO2
10	Cutting edge technology usage of tools in vlsi	Workshop on System design using xilinx	12-03-2020	Dr.B.lakshmi, associate professor, NIT warangal	85	PO1,PO2,PO5,PO9,PO12&PSO1,PSO2
11	Complex problem solving and analyzing skills are lagging	Workshop on MATLAB for mathematicians and engineers	2-04-2020	Dr.B,T.Krishna, professor, jntuk	80	PO1,PO2,PO5,PO9,PO12&PSO2
12	Modern Trends in Microwave engineering	Guest lecture on Modern trends in Microwave engineering	10-04-2020	Dr.N.V.Rao, Professor ,JNTUK	78	PO1,PO2,PO5,PO10,PO12,PSO1
13	Awareness on Ethical values in Technical education	"Inculcating Human Values and Ethics in Technical Education	13-12-2019	Dr.J.Hanumant rao,Professor, ACET, Surampalem	78	PO6,PO8,PO10

CAY (2018-19)

S. No.	Gap identified	Action taken	Date	Resource Person with designation	% of students present	Relevance to POs, PSOs
1	Awareness on new Technologies	Work shop On Internet of things(IOT) & Its applications on Signal Processing	6-7-2018 to 7-7-2018	Dr Durgesh Nandan, CL Educate	80	PO3,,PSO1 &PSO2
2	Students lack of understanding in copy rights	Seminar on "IPR for students& Faculty Members	01-10-2018	Dr.Ch.Srinivasarao, Professor, UCEV, JNTUK	85	PO6
3	Usage of modern tools is lagging	Workshop on MATLAB for engineers	16-9-2018	Dr.B.T.Krishna, Professor, UCEV, JNTUK	80	PO,&PSO2
4	Awareness on Technical Knowledge	Seminar On "Digital Image processing"	12-08-2018	Dr.Ch.Srinivasarao, UCEV, JNTUK	80	PO5,PO9 & PSO1,PSO2
5	Antenna designing Skills	On line Workshop on Microchip patch antenna	23-09-2018	Dr J.Chandrashekar rao, Associate Professor, Bapatla Engineering College	85	PO3,PO4, PO12,PSO1
6	Awareness on modern tools usage	Two days Workshop on "CAD tools in VLSI"	17-07-2018	Dr.Ch.Chalapathi Rao, Professor ,ECE, DNR College ,Bhimavaram	85	PO3,PO5, PSO1&PSO2

CAY (2017-18)

S. No.	Gap identified	Action taken	Date	Resource Person with designation	% of students present	Relevance to POs, PSOs
1	Awareness on new Technologies	Work shop On Internet of things(IOT) & Its applications on Signal Processing	5-01-2018 to 6-01-2018	Dr Durgesh Nandan, CL Educate	80	PO3,,PSO 1 &PSO2
2	Awareness about new tools	Three Day Workshop on ― SCILAB-Applications in Engineering & Technology	21st – 22rd Dec-2017	Resource Persons from APSSDC	90	PO5,PO12, PSO2
3	Usage of modern tools is lagging	Workshop on MATLAB for engineers	16-10-2017	Dr.B.T.Krishna, Professor, UCEV, JNTUK	80	PO,&PSO 2
4	Awareness on Technical Knowledge	Seminar On "Digital Image processing"	12-08-2017	Dr.Ch.Srinivasarao, UCEV, JNTUK	80	PO5,PO9 & PSO1,PSO 2
5	Antenna designing Skills	On line Workshop on Microchip patch antenna	23-09-2017	Dr J.Chandrashekar rao, Associate Professor, Bapatla Engineering College	85	PO3,PO4, PO12,PSO 1

Impact analysis The feedback from the students regarding the above mentioned training programmes / guest lecturers indicate that there is a significant improvement in the awareness of the students regarding latest technologies

2.2 Teaching Learning Process

2.2.1 Describe processes followed to improve quality of teaching and learning (25)

A. Adherence to academic calendar:

JNTUK issues the calendar in the beginning of every academic year. The institute follows this calendar, as it is affiliated to JNTUK and web-link: www.jntuk.edu.in

Sample academic year calendar- 2021-22 & 2020-21

Website: www.jntuk.edu.in
Email: dap@jntuk.edu.in

Phone: 0884-2300991

Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/RAC/ II,III & IV Year /B. Tech/B. Pharmacy/2021   Date 08.10.2021

Dr. R. Srinivasa Rao,
Director, Academic Planning
JNTUK, Kakinada

To
All the Principals of Affiliated Colleges,
JNTUK, Kakinada.

Revised Academic Calendar for II, III, IV Year - B. Tech/B. Pharmacy for the AY 2021-22
(As per G.O. Rt. No. 242, Higher Education (U.E) Dept., dated 13.09.2021)

Description	From	To	Weeks
I SEMESTER			
Commencement of Class Work	01.10.2021		
I Unit of Instruction	01.10.2021	20.11.2021	7W
I Mid Examinations	22.11.2021	27.11.2021	1W
II Unit of Instructions	29.11.2021	15.01.2022	7W
II Mid Examinations	17.01.2022	22.01.2022	1W
Preparation & Practicals	24.01.2022	29.01.2022	1W
End Examinations	31.01.2022	12.02.2022	2W
Commencement of II Semester Class Work	14.02.2022		
II SEMESTER			
I Unit of Instructions	14.02.2022	02.04.2022	7W
I Mid Examinations	04.04.2022	09.04.2022	1W
II Unit of Instructions	11.04.2022	28.05.2022	7W
II Mid Examinations	30.05.2022	04.06.2022	1W
Preparation & Practicals	06.06.2022	11.06.2022	1W
End Examinations	13.06.2022	25.06.2022	2W
Commencement of next Year Class Work			

Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period

R. Srinivas
Director Academic Planning
Director
Academic Planning
JNTUK Kakinada

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Copy to Rector, Registrar, JNTUK
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Copy to Director of Evaluation, JNTUK

Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
(Established by AP Government Act No. 30 of 2008)

Lr. No. 01-08/ JNTUK/DAP/AC/B. Tech-B. Pharmacy/II-III-IV Year/2020-21   Date: 29-12-2020

Dr. R. Srinivasa Rao,
Director, Academic Planning
JNTUK, Kakinada

To
All the Principals of Affiliated Colleges,
JNTUK, Kakinada.

Academic Calendar for II, III and IV - B. Tech & B. Pharmacy
Academic year 2020-21

I SEMESTER			
Description	**From**	**To**	**Weeks**
Commencement of Class Work	**02.11.2020**		
I Unit of Instruction	02.11.2020	19.12.2020	7W
II Unit of Instructions	21.12.2020	23.01.2021	5W
I Mid Examinations	25.01.2021	30.01.2021	1W
II Unit of Instructions(Continued)	01.02.2021	20.02.2021	3W
II Mid Examinations	22.02.2021	27.02.2021	1W
Preparation & Practicals	01.03.2021	06.03.2021	1W
End Examinations	08.03.2021	20.03.2021	2W
Commencement of II Semester Class Work	**22.03.2021**		
II SEMESTER			
I Unit of Instructions	**22.03.2021**	08.05.2021	7W
I Mid Examinations	10.05.2021	12.05.2021	1/2W
II Unit of Instructions	13.05.2021	30.06.2021	7W
II Mid Examinations	01.07.2021	03.07.2021	1/2W
Preparation & Practicals	05.07.2021	10.07.2021	1W
End Examinations	12.07.2021	24.07.2021	2W
Commencement of next Year Class Work			

Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period

R. Srinivasalls
Director Academic Planning
Director
Academic Planning
JNTUK Kakinada

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Sample Department academic year calendar-2021-22

DEPARTMENT CALENDER -2021-2022- SEMESTER-I										
Month	Week. No	MON	TUE	WED	THU	FRI	SAT	SUN	Department Activities/ Events	Academic Activities
October	1	27	28	29	30	1	2	3	DAC- meeting	1st - Commencement of class work for II/III/ IV B.Tech
	2	4	5	6	7	8	9	10	Gandhi Jayanthi	
	3	11	12	13	14	15	16	17	15th Vijayadasami	
	4	18	19	20	21	22	23	24		
	5	25	26	27	28	29	30	31	1st-Class work review meeting	
November	6	1	2	3	4	5	6	7	Seminar/Guest lecture	
	7	8	9	10	11	12	13	14	Work shop	
	8	15	16	17	18	19	20	21		
	9	22	23	24	25	26	27	28	Mid- I- Preparation	22nd to 27th -I Mid Examinations
	10	29	30							
December				1	2	3	4	5		
	11	6	7	8	9	10	11	12	Remedial classes	
	12	13	14	15	16	17	18	19	Industrial visit	
	13	20	21	22	23	24	25	26	2nd- Class work review meeting,25th Christmas holiday	
	14	27	28	29	30	31		6		
							1	2		
January	15	3	4	5	6	7	8	9		
	16	10	11	12	13	14	15	16	13th to 15th Pongal Lab internal examinations	
	17	17	18	19	20	21	22	23	Mid- II- Preparation	17th to22rd - II Mid Examinations
	18	24	25	26	27	28	29	30		24th to 29th Preparation & Practicals
	19	31								31st Jan to 12th Feb End Examinations
February			1	2	3	4	5	6		
	20	7	8	9	10	11	12			

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Sample Department academic year calendar 2020-21

ACADEMIC CALENDER -2020-2021- SEMESTER-I										
Month	Week. No	MON	TUE	WED	THU	FRI	SAT	SUN	Department Activities/ Events	Academic Activities
November	1	2	3	4	5	6	7	8		2nd - Commencement of class work for II/III/IV B.Tech
	2	9	10	11	12	13	14	15		
	3	16	17	18	19	20	21	22	IOT-Seminar	
	4	23	24	25	26	27	28	29	Guest lecture	
	5	30								
December			1	2	3	4	5	6		
	6	7	8	9	10	11	12	13		
	7	14	15	16	17	18	19	20	Work shop	
	8	21	22	23	24	25	26	27	Seminar	
	9	28	29	30	31					
January						1	2	3		
	10	4	5	6	7	8	9	10		
	11	11	12	13	14	15	16	17	13th to 16th Pongal Vacation	
	12	18	19	20	21	22	23	24	2-Days Workshops	21th to 23rd - Revision for Mid-1
	13	25	26	27	28	29	30	31		25th to 30th -I Mid Examinations
February	14	1	2	3	4	5	6	7	Seminar	
	15	8	9	10	11	12	13	14	Remedial Classes	
	16	15	16	17	18	19	20	21	Seminar	18th to 20th - Revision classes for II/III/IV B. Tech
	17	22	23	24	25	25	27	28		22nd to 27th -II Mid Examinations
March	18	1	2	3	4	5	6	7		1st to 6th Preparation & Practicals
	19	8	9	10	11	12	13	14		8th to 20th End Examinations
	20	15	16	17	18	19	20	21		

- The Department/Program calendar of events is prepared before the commencement of the semester based on the academic schedule issued by university.
- The department academic calendar consists of the activities which include instructional period, examination dates, display of internal marks, conducting of guest lectures, seminars, technical events etc

B. Various instructional methods and pedagogical initiatives

The faculty members of the department adopt various Teaching & Learning methodologies to create an effective learning environment for student. These methodologies include chalk and talk, power point presentations, collaborative learning, video lectures (NPTEL, QEEE etc.),

ACADEMIC YEAR 2020-21 EVEN SEM

S. No.	Course Name	Year/ Sem	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	CMC	IV-II	Y	Y		Y	Y	Y	Y	Y	Y		Y		Y		
2	EMI	IV-II	Y	Y		Y	Y	Y		Y	Y		Y		Y		Y
3	SC	IV-II	Y	Y		Y	Y	Y	Y	Y	Y		Y		Y		
4	WSN	IV-II	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y				Y
5	MPMC	III-II	Y	Y	Y	Y	Y	Y	Y	Y			Y		Y		
6	MWE	III-II	Y	Y		Y	Y	Y		Y	Y		Y		Y	Y	Y
7	VLSID	III-II	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y		Y		
8	DSP	III-II	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y		Y		
9	BME	III-II	Y	Y		Y	Y	Y	Y	Y	Y		Y		Y		
10	MPMC LAB	III-II	Y	Y	Y	Y	Y	Y	Y			Y		Y	Y		
11	VLSI LAB	III-II	Y	Y		Y	Y	Y	Y			Y		Y	Y		Y
12	DC LAB	III-II	Y	Y		Y	Y	Y	Y		Y	Y		Y	Y		Y
13	ECA	II-II	Y	Y		Y	Y	Y		Y	Y	Y	Y		Y		
14	LCS	II-II	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y		Y		
15	EWTL	II-II	Y	Y						Y		Y	Y		Y		Y
16	AC	II-II	Y	Y						Y			Y		Y		
17	CAO	II-II	Y	Y						Y	Y		Y		Y		Y
18	MOB	II-II	Y	Y						Y		Y	Y				
19	ECA LAB	II-II	Y	Y								Y		Y	Y	Y	Y
20	AC LAB	II-II	Y	Y								Y		Y	Y	Y	Y
TOTAL			20	20	6	12	13	14	11	15	11	12	15	5	18	3	9

Teaching Methodologies:

1. Chalk & Talk
2. PPT
3. Visualization
4. NPTEL Video
5. Debate session
6. Quiz
7. Web reference
8. Online Teaching
9. Seminar
10. Peer to peer learning
11. Lecture with assignment
12. Enquiry based instruction
13. Pictorial session
14. Virtual lab
15. Differentiation

ACADEMIC YEAR 2020-21 ODD SEM

S. No.	Course Name	Year/ Sem	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	RS	IV-I	Y	Y		Y	Y	Y		Y	Y		Y		Y		
2	DIP	IV-I	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y		Y
3	CN	IV-I	Y	Y		Y	Y	Y		Y	Y		Y		Y		
4	OC	IV-I	Y	Y		Y	Y	Y		Y	Y		Y		Y		
5	ESS	IV-I	Y	Y	Y		Y	Y	Y	Y	Y		Y		Y		Y
6	ES	IV-I	Y	Y		Y	Y	Y		Y	Y		Y		Y		
7	MWE LAB	IV-I	Y				Y	Y				Y		Y	Y	Y	
8	DSP LAB	IV-I	Y			Y	Y	Y				Y		Y		Y	
9	CAO	III-I	Y	Y		Y	Y	Y		Y	Y		Y		Y		
10	LICA	III-I	Y	Y		Y	Y	Y		Y	Y		Y		Y		
11	DICA	III-I	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y		Y		
12	DC	III-I	Y	Y		Y	Y	Y		Y	Y		Y		Y		
13	AWP	III-I	Y	Y		Y	Y	Y		Y	Y	Y	Y		Y		
14	PDC LAB	III-I	Y	Y	Y	Y		Y	Y			Y		Y	Y	Y	
15	LICA LAB	III-I	Y	Y		Y	Y	Y				Y		Y	Y		
16	DICA LAB	III-I	Y	Y		Y	Y	Y				Y		Y			

No	Subject	Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
17	EDC	II-I	Y			Y				Y	Y		Y		Y	Y	
18	STLD	II-I	Y			Y				Y	Y		Y		Y		
19	SS	II-I	Y			Y				Y	Y		Y			Y	
20	RVSP	II-I	Y			Y		Y	Y	Y	Y		Y	Y			Y
21	OOPS Java	II-I	Y	Y	Y	Y				Y			Y	Y			
22	MEFA	II-I	Y	Y						Y	Y		Y				
23	EDC LAB	II-I	Y		Y							Y		Y	Y	Y	
24	STLD LAB	II-I	Y		Y							Y		Y	Y	Y	
Total			24	16	7	17	15	17	5	19	16	10	17	8	18	7	3

Teaching Methodologies:

1. Chalk & Talk
2. PPT
3. Visualization
4. NPTEL Video
5. Debate session
6. Quiz
7. Web reference
8. Online Teaching
9. Seminar
10. Peer to peer learning
11. Lecture with assignment
12. Enquiry based instruction
13. Pictorial session
14. Virtual lab
15. Differentiation

C. Methodologies used to support slow learners and encourage fast learners: Identification and supporting slow learners

➢ The department has a well defined process of monitoring, guiding and assisting slow learners

➢ The course teacher concerned identifies the students who scored less than 40% marks in their internals and conduct remedial classes. The class teacher/student counselor monitors the attendance and progress of those students who failed in some subjects and considers them as academically weak students and the same is also intimated to their parents

Identification Criteria	Measures taken
Students scoring less than 50% of marks in Internal Assessment. (Academically Slow Learners.)	1. Conducting remedial classes 2. Faculty mentor monitors their progress continuously and advises students to attend classes regularly, and to make up for the classes missed. 3. Intimating parents to counsel their wards. 4. Special counseling and tutorial classes are conducted by the faculty for those students who have failed in any subject for improving performance in subsequent exam.
Lateral entry students who entered with deficiency in basic mathematics	Conducting special classes to fill the gaps.

Identification & Encouraging the Fast learners The college always had a culture of encouraging bright students (fast learners) by providing them necessary incentives, guidance and support.

Identification Criteria	Actions taken/Encouragement given
Students with more than 70% of marks in semester exams.	The students are encouraged to participate in inter college fests and to plan for higher studies through GATE etc. They are also motivated to appear for All India Services exam etc. Conducting CRT classes by professional agencies.
Top two students of each year	These students are awarded with cash prize.

Process for Encouraging Fast Learners and Assisting Slow Learners:
1. Attendance &Academic Performance –Identification of Slow Learners (Assisting Slow Learners, Counseling, Remedial classes, Assignments)
2. Identification of Fast Learners -Academic and Overall performance
3. Active participation in various Extra-curricular activities for improving communication and personality development
4. Technical Training
5. Internship
6. Motivation for Participating in technical events and competitions

Additional Measures

- Students are advised to take MOOCS Courses – Massive Open Online Courses, watch NPTEL videos & solve assignments, give presentations and participate in group discussions etc. This improves their basic knowledge in the respective course and communication skills.
- Tutorial/Remedial classes are conducted for the slow learners based on their performance in internal exams.

Impact analysis

The number of slow learners is reduced in number

- Improved results and less number of failures in each subjects
- Improvement in practical knowledge of students
- New project ideas are derived
- Active participation of students in Technical events.
- Appreciation from the parents.
- The students could perform well in placement interviews because of the CRT classes.

Table 2.2.1.A The following tables provide the details of the students who are identified to receive year wise cash prizes during the Academic year 2021-22.

Cash prizes: I Prize: 2000/- II Prize: 1000/-					
S.No.	Year	Prize	Roll No.	Name of the Student	SGPA/ Percentage of marks
1	4th	I Prize	18MH1A04C6	K.Krishna Kanth	8.43
2		II Prize	18MH1A04C9	K.Anusha	8.38
3	3rd	I Prize	19MH1A04E9	U.Jyothi	8.15
4		II Prize	20MH5A0412	J.Nagendra	8.1
5	2nd	I Prize	20MH1A0438	M.Saritha	8.17
6		II Prize	20MH1A04A5	N.Gangabhavani	7.97

Table 2.2.1.B   The following tables provide the details of the students who are identified to receive year wise cash prizes during the Academic year 2019-20.

S.No.	Year	Prize	Roll No.	Name of the Student	SGPA/ Percentage of marks
Cash prizes: I Prize: 2000/- II Prize: 1000/-
1	4th	I Prize	17MH5A0418	P Divya sandeepthi	9
2		II Prize	16MH1A0489	K.Nikhila sai Lakshmi	8.75
3	3rd	I Prize	17MH1A04E3	P.Jyothi	8.86
4		II Prize	17MH1A0482 17MH1A04E9	N.Sai prasanna G.Srikala	8.57 8.57
5	2nd	I Prize	18MH1A0469	K.Anusha	9.09
6		II Prize	18MH1A0456	B.Ganga Bharati	8.64

Table 2.2.1.C The following tables provide the details of the students who are identified to receive year wise cash prizes during the Academic year 2018-19.

S.No.	Year	Prize	Roll No.	Name of the Student	SGPA/ Percentage of marks
Cash prizes: I Prize: 2000/- II Prize: 1000/-
1	4th	I Prize	15MH1A0459	Y.Sai Poojitha	86.28
2		II Prize	15MH1A0430	G.Sri kala	84.68
3	3rd	I Prize	17MH5A0418	P Divya sandeepthi	8.57
4		II Prize	16MH1A0445 17MH5A0433	P P.Siva Surya K.L.N.Nagasatya	8.43 8.43
5	2nd	I Prize	17MH1A04E3	P.Jyothi	9.18
6		II Prize	17MH1A04E9	G.Srikala	9.05

D. Details of initiatives to improve quality of teaching and learning
- Course allotment based on faculty options is done before the commencement of the semester. Every course coordinator along with course instructors prepares a lesson plan with its course outcomes, question bank and lecture notes.
- The faculty members of the department adopt various Teaching & Learning methodologies to create an effective learning environment for student. These methodologies include chalk and talk, power point presentations, collaborative learning, video lectures (NPTEL, QEEE etc.), and problem/project based learning.

- For every course, outcomes are defined and the teaching learning process is carried out to attain the outcomes. Outcomes are measured using continuous assessment (Internal examination and assignment), semester end examinations results.
- Problem based learning is a student-centered pedagogy in which students learn about a subject through the experience of solving problems. This will be practiced during tutorial classes.
- In project based learning; students identify problems and implement the solution for the problem through hardware or simulation. Students gain knowledge and skills by working for an extended period of time to implement the solution. Project is implemented as an individual or as a team work.
- To facilitate project based learning, the department has an exclusive project laboratory. The students are encouraged to participate in various project exhibitions.
- College management provides necessary facilities and financial support to encourage the students to implement real time projects.
- Invited talks by experts and seminars on the current trends are arranged regularly.
- Technical events such as paper presentations, technical quizzes, poster presentations etc. are organized by the department association for the overall personality development of the student
- Industrial visits are arranged at least once in a year for exposure to industrial environment.
- Workshops are organized to help the students to understand the concepts beyond curriculum.

Additional Measures
- Students are advised to take MOOCS Courses – Massive Open Online Courses, watch NPTEL videos & solve assignments, give presentations and participate in group discussions etc. This improves their basic knowledge in the respective course and communication skills.
- Tutorial/Remedial classes are conducted for the slow learners based on their performance in internal exams.

E. Laboratory initiatives and implementation
- The laboratory experience is a vital part of the learning process. Students learn and retain information more effectively after the hands-on experience.
- For smooth conduct of laboratory experiments students are divided into batches with 3 members per batch.
- In every semester, the first laboratory session is allotted for demonstration purpose, where laboratory instructor will explain Do's, Don'ts and precautions to be taken in the laboratory. In the same session students are exposed to all the experiments and related equipment. Students are instructed on departmental policies regarding the maintenance of laboratory, observation and record books.

- A pre- laboratory write-up (observation) by students ensures that the student has read the experimental procedure which helps in time management.
- Laboratory Instructor will check the readiness of the student about the purpose and procedures of the experiment through viva-voce before proceeding for experiment.
- Students will note down the observations during the conduct of experiment and do the necessary calculations and analysis, if any. Before leaving the laboratory, instructor will evaluate the observation book and performance of the student.
- In addition to maintaining observation book, students are expected to submit the record book on completion of the experiment in next laboratory session.
- Laboratory manuals are given to the students at the commencement of the semester.
- One or two experiments are conducted beyond the specified list for relevant laboratory courses.
- The Laboratory courses are evaluated by the faculty for 25 marks, and it is a continuous assessment based on their performance in the lab session, record submission and internal test during the semester

F. Evaluation of laboratory Course
- In each laboratory course, 10 experiments will be conducted as per the university guidelines and continuous assessment will be done in the respective laboratory session.
- The student performance in the laboratory is evaluated by the faculty for 25 marks out of which 10 marks given for continuous evaluation of observation and record, 5 marks for viva-voice and 10 marks for laboratory internal examination.

Mentoring system initiatives and implementation
- Each staff member is allocated a group of 15-20 students for mentoring.
- The mentor will regularly monitor students' performance and attendance, and counsel the students personally.
- Student performance and mentoring details are maintained in a separate counseling book (ECAP) by respective mentors and updated periodically.
- Mentoring includes career guidance, student's participation in events like quiz, paper presentation, mini projects and technical fests etc.,
- The mentors also have periodic interaction with the parents over phone about the performance of their wards.
- Every parent is informed about the internal marks and the attendance through short messages

G. Initiatives and implementation of feedback system

- Class work Review Committee (CRC) meetings are conducted twice in each semester to discuss syllabus coverage, student performance and problems of the students/faculty if any, and necessary suggestions will be given.
- Head of the department monitors the lecture classes and gives suggestions to improve the Teaching-Learning process.
- In every semester students are required to fill on-line feedback form on the teaching learning process using a scale of 1 (low) through 5 (high). An oral feedback is taken by Dean Academics in every semester and communicates the same to the HOD for further action.
- Suggestions will be given by HOD for those faculty members who have secured low scores and negative comments in the feedback. This helps them to improve their skills and abilities.

Parameters of Feed Back Form:

Practical questions

1   Explanation

    a) Below Average   b)Average   c) Good   d) Very Good

2   Involvement

    a) Below Average   b)Average   c) Good   d) Very Good

Theory question

1   Overall Assessment

    a) Below Average   b)Average   c) Good   d) Very Good

2   The teacher is regular & prompt to the class

    a) Below Average   b)Average   c) Good   d) Very Good

3   Involvement in Teaching (commitment)

    a) Below Average   b)Average   c) Good   d) Very Good

4   Way of Teaching

    a) Below Average   b)Average   c) Good   d) Very Good

5   Subject Depth

    a) Below Average   b)Average   c) Good   d) Very Good

DR. UTLA S.B.K. MAHALAXMI

Subject		DIGITAL SIGNAL PROCESSING			
Sem - Branch - Section		6-ECE-D			
Department	ECE	Employee ID		4339	
Email		mahalaxmi_ece@acoe.edu.in			
	Below Average	Average	Good	Very Good	Percentage
Subject Depth Theory	4	8	21	9	70.83
Way of Teaching Theory	6	6	21	9	69.64
Involvement in Teaching (commitment) Theory	6	7	20	9	69.05
The teacher is regular & prompt to the class Theory	5	7	21	9	70.24
Overall Assessment Theory	5	8	20	9	69.64
No.Of Students	42		Overal %		**69.88**
Suggestions					

avg

INCREASE VOICE

adhi avadhu amma

GOOD

DR. UTLA S.B.K. MAHALAXMI

Subject		Electronic Measurements and Instrumentation			
Sem - Branch - Section		8-ECE-B			
Department	ECE	Employee ID		4339	
Email		mahalaxmi_ece@acoe.edu.in			
	Below Average	Average	Good	Very Good	Percentage
Subject Depth Theory	1	0	14	19	87.5
Way of Teaching Theory	1	0	14	19	87.5
Involvement in Teaching (commitment) Theory	1	0	15	18	86.76
The teacher is regular & prompt to the class Theory	1	0	16	17	86.03
Overall Assessment Theory	1	0	16	17	86.03
No.Of Students	34		Overal %		**86.76**
Suggestions					

NILL

DR. UTLA S.B.K. MAHALAXMI

Subject		ELECTRONIC CIRCUIT ANALYSIS LAB			
Sem - Branch - Section		4-ECE-A			
Department	ECE	Employee ID		4339	
Email		mahalaxmi_ece@acoe.edu.in			
	Below Average	Average	Good	Very Good	Percentage
Involvement	0	4	24	19	82.98
Explanation	0	7	21	19	81.38
No.Of Students	47		Overal %		**82.18**
Suggestions					

Effective Feedback and Impact analysis:

The Department is encouraging the faculty as follows
1. Faculty member is assessed based on his/her contributions to the Dept./College.
2. A word of appreciation is said about the faculty by the HOD & Principal, when the involvement is good; otherwise they were advised to involve themselves, also in activities other than academics.
3. If the performance in academics is not satisfactory, the faculty member is counseled and advised to improve his/her teaching capabilities by attending FDPs and other quality improvement programs/activities.

2.2.2. Quality of internal semester Question papers, Assignments and Evaluation (20)

Procedure for internal examinations in theory course:
- For theory courses, there shall be 2 internal exams per semester.
- The weightage of internal marks is 30 which consists of descriptive exam–15 marks, assignment – 05 marks, objective exam -10 marks (conducted online with 20 multiple choice questions with a weightage of ½ mark each).
- The objective examination is of 20 minutes duration. The descriptive examination is of 90 minutes duration.
- Each descriptive question paper shall contain 3 questions and all questions need to be answered.
- The better of the two tests (i.e. 80% marks from the better test and 20% marks from the reaming test) will be taken for internal marks. As the syllabus is framed in 6 units, the 1st mid examination (both objective and descriptive) is conducted in 1-3 units and second mid exam in 4-6 units of each course.

A. Process for internal Question papers setting
- Module coordinator, course coordinator and faculty handling the course will have a meeting to prepare the question paper.
- For each Course, question bank is prepared.
- While setting the question paper previous university end exam papers are also referred.
- The questions are prepared according to Bloom's Taxonomy Levels.
- By using question bank, the course coordinator will prepare the question paper in the presence of course instructors and later the question paper is verified by module coordinator and HOD.

Process to ensure questions from outcomes:
- List out the COs with learning levels i.e. Remember, Understand, Applying, Analyzing, Evaluating and Creating.
- The question paper is set according to the distribution of the marks for each course outcome.
- Each question is mapped with COs and Taxonomy levels (TL).
- The questions should be framed by not exceeding its CO taxonomy level

B. Sample Mid-1 question paper of satellite communications is given below:

	Class: IV B. Tech Semester : II
Programme : ECE	Sec : A, B & C
Course Code: R1642043 **Course Title**: SATELLITE COMMUNICATIONS	**Date**:14.07.2021 **Time**: 90 min

Instructions: 1. Answer all the Questions

       2. All Questions carry equal marks   **Maximum Marks: 30**

S. No.	Questions	Marks	Taxonomy Descriptor	CO
1 a)	Discuss the various satellite services in brief	5	Understand	CO1
1 b)	Explain Orbital effects in Communication systems performance	5	Understand	CO1
2 a)	Describe in detail about TTC& M System	5	Remember	CO2
2 b)	Explain Space Qualification & Equipment Reliability	5	Understand	CO2
3	Determine the expression for Overall system noise temperature of the receiving earth station	10	Apply	CO3

A sample Mid-2 question paper of satellite communications is given below:

	Class: IV B. Tech Semester : II
Programme : ECE	Sec : A, B& C
Course Code: R1642043 **Course Title**: SATELLITE COMMUNICATIONS	**Date**:14.07.2021 **Time**: 90 min

Instructions: 1. Answer all the Questions

       2. All Questions carry equal marks   **Maximum marks: 30**

S.No.	Questions	Marks	Taxonomy Descriptor	CO
1.	Explain the TDMA burst and frame structure of satellite system with necessary diagrams	10	Understand	CO4
2.	Summarize different types of antenna mounts used at earth station	10	Remember	CO5
3.	Determine the position location principles of GPS system	10	Apply	CO6

Sample University Question Paper

Code No:**R1642043** **R16** Set No. 1

IV B.Tech II Semester Regular/Supplementary Examinations, July - 2021
SATELLITE COMMUNICATIONS
(Electronics and Communication Engineering)

Time: 3 hours

Max. Marks: 70

Question paper consists of Part-A and Part-B
Answer ALL sub questions from Part-A
Answer any FOUR questions from Part-B
*****

PART–A *(14 Marks)*

1. a) Explain the basic difference between an active and passive satellite. CO1, TL2 [2]
    b) What are the basic concepts needed to determine look angles and its ranges? CO1 TL1 [2]
    c) Write short notes on Geosynchronous orbit and Geostationary orbit. CO2, TL1 [3]
    d) What is TDMA? What are the advantages? CO4, TL1 [2]
    e) Define Earth segment. Explain about MATV system. CO5, TL1 [2]
    f) Write about Sun synchronous orbit? CO2, TL1 [3]

PART–B *(4x14 = 56 Marks)*

2. a) Draw a basic block diagram of satellite communication system and explain each block in detail. CO1, TL2 [7]
    b) State the Kepler's laws. Discuss its importance in satellite communications. CO1 TL1 [7]

3. a) What are the various approaches used to improve the reliability of the satellite? Explain any one. CO2, TL2 [7]
    b) Explain the attitude and orbit control system (AOCS) with necessary diagrams. CO2, TL2 [7]

4. a) Derive an expression for G/T ratio of an earth station receiver. CO3, TL6 [7]
    b) In a satellite link, the propagation loss is 200dB. Margins and other losses account for another 3dB. The receiver G/T is 11dBK^{-1} and the EIRP is 5dBW. Calculate the received C/N in dB for a system BW of 36MHz. CO3, TL3 [7]

5. a) What is intermodulation in FDMA? Describe the calculation of C/N ratio with intermodulation. CO4, TL2 [7]
    b) Explain the frame structure of TDMA with a neat sketch. CO4, TL2 [7]

6. a) With the help of a neat block diagram, discuss the operation of earth station receiver. CO5, TL2 [7]
    b) Explain the general aspects of coverage and frequency consideration of low earth orbit. CO5, TL2 [7]

7. a) Explain the principle of a differential GPS with a neat diagram. CO6, TL2 [7]
    b) Write short notes on GPS codes. CO6, TL1 [7]

1 of 1

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Following is the Internal Examination CO, Taxonomy Coverage of A. Y: 2020-21, IV Year & Semester II:

S.No	Course Number	Internal	Course Name	CO1 %	CO2 %	CO3%	CO4 %	CO5 %	CO6 %	Marks
1	C421	I-1	CMC	16.66	16.66	16.66				30
2	C421	I-2	CMC				16.66	16.66	16.66	30
3	C422	I-1	EMI	16.66	16.66	16.66				30
4	C422	I-2	EMI				16.66	16.66	16.66	30
5	C423	I-1	SC	16.66	16.66	16.66				30
6	C423	I-2	SC				16.67	16.67	16.66	30
7	C424	I-1	WSN	16.66	16.66	16.66				30
8	C424	I-2	WSN				16.66	16.66	16.66	30

S.No	Course Code	Internal	Course Name	TL1 %	TL2 %	TL3%	TL4 %	TL5 %	TL6 %	Marks
1	C421	I-1	CMC	8.33	16.33	33.33				30
2	C421	I-2	CMC		16.33	33.33				30
3	C422	I-1	EMI	16.66	16.67		16.66			30
4	C422	I-2	EMI			16.66	16.66	16.67		30
5	C423	I-1	SC	8.33	25	16.66				30
6	C423	I-2	SC	16.67	16.66	16.67				30
7	C424	I-1	WSN	8.33	41.66					30
8	C424	I-2	WSN	16.66	33.33					30

Following is the Internal Examination CO, Taxonomy Coverage of A.Y: 2020-21, III Year & Semester II:

S.No	Course Number	Internal	Course Name	CO1 %	CO2 %	CO3 %	CO4 %	CO5 %	CO6 %
1	C321	I-1	MPMC	16.66	16.66	16.67			
2	C321	I-2	MPMC				16.66	16.66	16.67
3	C322	I-1	MWE	16.66	16.66	16.67			
4	C322	I-2	MWE				16.67	16.67	16.67
5	C323	I-1	VLSI	16.67	33.33				
6	C323	I-2	VLSI				33.33	16.67	
7	C324	I-1	DSP	16.66	16.66	16.67			
8	C324	I-2	DSP				16.66	16.66	16.67
9	C325.4	I-1	BME	33.33	16.67	16.66	16.66		16.67
10	C325.4	I-2	BME						

S.No	Course Code	Internal	Course Name	TL1 %	TL2 %	TL3 %	TL4 %	TL5 %	TL6 %
1	C321	I-1	MPMC	33.33	16.67	16.67			
2	C321	I-2	MPMC				33.33		
3	C322	I-1	MWE		50				
4	C322	I-2	MWE				33.33		16.67
5	C323	I-1	VLSI	41.67	41.66	16.67			
6	C323	I-2	VLSI						
7	C324	I-1	DSP	16.67	41.66	16.66		25	
8	C324	I-2	DSP						
9	C325.4	I-1	BME	16.67	58.33	25.00			
10	C325.4	I-2	BME						

Following is the Internal Examination CO, Taxonomy Coverage of A. Y: 2020-21, II Year & Semester II:

S.No	Course Number	Internal	Course Name	CO1 %	CO2 %	CO3 %	CO4 %	CO5 %	CO6 %
1	C221	I-1	ECA	16.66	16.66	16.67			
2	C221	I-2	ECA				16.66	16.66	16.67
3	C222	I-1	CS	33.33		33.33			
4	C222	I-2	CS				16.66		16.67
5	C223	I-1	EMWTL	33.33	16.66				
6	C223	I-2	EMWTL			16.67	16.67	8.33	8.33
7	C224	I-1	AC	25.00	16.66	8.33			
8	C224	I-2	AC				25.00	16.67	8.33
9	C225	I-1	CAO	16.66	16.66	16.67			
10	C225	I-2	CAO				16.66	16.66	16.67
11	C226	I-1	MOB	16.66	16.66	16.67			
12	C226	I-2	MOB				16.66	16.66	16.67

S.No	Course Code	Internal	Course Name	TL1 %	TL2 %	TL3 %	TL4 %	TL5 %	TL6 %
1	C221	I-1	ECA		33.33	50.00			
2	C221	I-2	ECA				16.67		
3	C222	I-1	CS			50			
4	C222	I-2	CS			50			
5	C223	I-1	EMWTL	8.33	25	16.67			
6	C223	I-2	EMWTL	16.67		33.33			
7	C224	I-1	AC	25	58.33	16.67			
8	C224	I-2	AC						
9	C225	I-1	CAO	33.33	50.00	16.67			
10	C225	I-2	CAO						
11	C226	I-1	MOB		50.00	50.00			
12	C226	I-2	MOB						

Following is the Internal Examination CO, Taxonomy Coverage of A. Y: 2020-21, III Year II Semester:

S.No	Course Number	Course Name	CO1%	CO2%	CO3%	CO4%	CO5%	CO6%
1	C321	MPMC	16.66	16.66	16.67	16.67	16.67	16.67
2	C322	MWE	16.66	16.66	16.67	16.67	16.67	16.67
3	C323	VLSI	16.67	33.33		33.33	16.67	
4	C324	DSP	16.66	16.66	16.67	16.67	16.67	16.67
5	C325.5	BME	33.33	16.67	16.66	16.66		16.67

S.No	Course Code	Course Name	TL1 %	TL2%	TL3%	TL4 %	TL5 %	TL6 %
1	C321	MPMC	33.33	16.67	16.67	33.33	00	00
2	C322	MWE		50		33.33		16.67
3	C323	VLSI	41.67	41.66	16.67	00	00	00
4	C324	DSP	16.67	41.66	16.66	00	25.00	00
5	C325.5	BME	16.67	58.33	25.00			

Following is the Internal Examination CO, Taxonomy Coverage of A. Y: 2020-21 II Year II Semester:

S.No	Course Number	Course Name	CO1%	CO2%	CO3%	CO4%	CO5%	CO6%
1	C211	ECA	16.66	16.66	16.67	16.67	16.67	16.67
2	C212	CS	33.33		33.33	16.67		16.67
3	C213	EMWTL	33.33	16.66	16.67	16.67	16.67	
4	C214	AC	25.00	16.66	8.33	25.00	16.67	8.33
5	C215	CAO	16.66	16.66	16.67	16.67	16.67	16.67
6	C26	MOB	16.66	16.66	16.67	16.67	16.67	16.67

S.No	Course Code	Course Name	TL1 %	TL2%	TL3%	TL4 %	TL5 %	TL6 %
1	C211	ECA		33.33	50.00	16.67		
2	C212	CS			100			
3	C213	EMWTL	25	41.66	33.33			
4	C214	AC	25	58.33	16.67			
5	C215	CAO	33.33	50.00	16.67			
6	C216	MOB		50.00	50.00			

D. Quality of Assignments:

- Assignments promote practice.
- Assignment may include theory, design, analysis and problems.
- A minimum of two assignments are given for every course and each assignment is evaluated for 5 marks.

Sample assignment question paper for the Academic year 2020-21, 2nd- Semester

Course: Satellite Communication   Assignment-1

S.No.	Questions	Marks	Taxonomy Descriptor	CO
1	List the Frequencies allocated for satellite services	5	Remember	CO1
2	Explain in detail about Attitude and Orbit control System	5	Understand	CO2
3	Calculate link budget for c-band GEO satellite	5	Apply	CO3

Course Name: Satellite Communication   Assignment-II

S.No.	Questions	Marks	Taxonomy Descriptor	CO
1	Compare FDMA and TDMA	5	Analyze	CO4
2	Explain the Transmitter and Receivers used in Earth station	5	Understand	CO5
3	Explain the principle of Differential GPS	5	Understand	CO6

Evaluation

- For every question paper the scheme of evaluation is prepared by the course coordinator and distributed to course instructors.
- The course instructor evaluates the answer scripts based on the scheme of evaluation.
- After every internal assessment course instructor will distribute the corrected answer scripts to the students and discuss the solutions/answers in the class room.
- The better of the two tests (i.e. 80% marks from the better test and 20% marks from the reaming test) will be taken as internal marks.
- For calculation of CO-PO attainment, the average of sum total of the marks obtained by all students who attempted a particular question is considered.

A sample scheme of evaluation is given below:

Academic Year: 2020-21   **MID- I**

Programme : ECE	**Class**: IV B. Tech **Semester** : II
Course Code: R1642043 **Course Title**: SATELLITE COMMUNICATIONS	Section: A, B & C

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Scheme of Valuation

1. a. Discuss various satellite services in brief ? (CO1-Understand)   -5M

           Mobile Services   1M

           Audio & Video broadcasting   2M

           Military Services   1M

           Weather Services   1M

    b. Explain Orbital effects in Communication systems performance (CO1-Understand) -5M

           Doppler shift calculation   2M

           Range variation   1M

           Solar Eclipse   1M

           Sun transit Outage   1M

2. a. Describe in detail about   TTC& M   System ? (CO2-Remember)   – 5M

          Diagram   2M

          Explanation   3M

b. Explain Space Qualification & Equipment Reliability. (Understand-CO2) – 5M

          Explanation of Space Qualification   2M

          Explanation of equipment Reliability   3M

3. a. Determine the expression for Overall system noise temperature of the receiving earth station (Apply-CO3) – 10M

          Equivalent Diagrams   5M

          Derivation   5M

Programme : ECE	**Class**: IV B. Tech **Semester** : II
Course Code: R1642043 **Course Title**: SATELLITE COMMUNICATIONS	Section: A, B & C

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Scheme of Valuation

1. a. Explain the TDMA burst and frame structure of satellite system with necessary diagrams ? (CO4-Understand)   -10M

    TDMA frame structure   5M

     Explanation   5M

2. a. Summarize different types of antenna mounts used at earth station?

(CO5-Remember)   – 10M

     Azimuth elevation mount   4M

     X-Y mount   3M

     Polar-mount   3M

3. a. Determine the position location principles of GPS system ? (Apply-CO6) – 10M

     Diagram   5M

     Derivation   5M

2.2.3 Quality of Student Projects (25)

A. Identification of projects and allocation of Project Guides

- A project coordinator is appointed by the head of the department for planning, scheduling and execution of all the activities related to the student project work.
- The project coordinator is responsible to care of allocating project to the students & mapping the batches to guides and evaluation
- Each project team consists of three to four students
- Formation of project team will be done such that each group has representation of students with varying academic merits from the best to average
- To realize the objective of the final year project, students must look for fresh ideas for the project that can be implemented
- Each project team is assigned to a faculty for supervision
- The knowledge, methodology, skill set and interest of the students to implement the project are considered while assigning the project.
- The final decision, i.e., allocation of batches, guides will be done after departmental meeting and the same is recorded in minutes.

Project allocation for the Academic Year 2021-22:
Section A

Sl. No	Roll.No	Batch	Student Name	Name of the Guide	Project Title
1	18MH1A0430	1	MENDA S V S L SRI PADMAJA	Dr. Meenakshi sundaram	Finger print based electronic voting machine using IOT
2	18MH1A0433		NULU LAKSHMANA KUMAR		
3	18MH1A0429		MAMIDIPAKA ESWAR KALYAN		
4	18MH1A0409		CHEEPURI SATYA SAI VARALAKSHMI PRASANNA		
5	18MH1A0443	2	PRATHIPATI ANANTA LAKSHMI	M.Sudheer Kumar Reddy	A Novel Random Number Generator To Overcome Bottleneck In Ring Oscillator
6	18MH1A0449		UGGINA KUMAR VENKATA SURYA RAJU		
7	18MH1A0412		DADI LAKSHMAN KUMAR		
8	18MH1A0423		KILANI GOWTHAM SAI LOKESH		
9	18MH1A0447		SIRIKI SANDEEP		
10	18MH1A0401	3	BALUSU CHARISHMA	K.Vijaya Kumari	Design Of An Intelligent Management System For Agricultural Greenhouse Based On Iot
11	18MH1A0452		YALLA SUMA		
12	18MH1A0417		JAMMU NEELIMA		
13	18MH1A0414		GIDUTHURI VIJAY DURGA PRASAD		

14	18MH1A0436		PADALA NAGA LAKSHMI		Design And Implementation Of Alu Using Application Specific Reversivility With Vedicmathematics
15	18MH1A0437	4	PALAPARTHI RAVI KRISHNA	K.Hima Bindu	
16	18MH1A0451		VARANASI R L L S D KEERTHIPRIYA		
17	18MH1A0431		NAKIRAKANTI THANUJA		
18	18MH1A0402		BATHULA SWATHI		Automatic Detection Of Plant Leaf Disease Using Deep Learning
19	18MH1A0410	5	CHOKKA SANTHI SOWJANYA MANI	M. Venkateswarlu	
20	18MH1A0415		GOLI VINOD KUMAR		
21	18MH1A0424		KONDAPALLI NAIMESHA LEKYA		
22	18MH1A0407		BURRA SRI DURGA CHANDRIKA		Design Of Iot Development Board Using Arduino And Its Applications
23	19MH5A0402	6	CHERUKURI VENKATA NAGA SAI MANI KIRAN	V.Kiran	
24	19MH5A0403		DONTAMSETTI SATISH		
25	19MH5A0404		LEKKALA DURGA PRASAD		
26	18MH1A0440		PATAMSETTI LAKSHMI PRIYA		Emergiency Rescue System Using Sensor Fusion And Machine Learning Algorithm
27	18MH1A0405	7	BONAM VENKATA SAI	Kalesh Busa	
28	18MH1A0411		CHUNDRU SATWIKA		
29	18MH1A0406		BOPPANA HEMA CHANDU		
30	18MH1A0450		UGGIRALA NAGMA		Smart Transformer Performance Using Iot (Or) Real Time Transformer Health Monitoring System Using Iot
31	18MH1A0445	8	PRODDUTURI NIHAR MANI THEJA	P.Jhansi	
32	18MH1A0439		PANDIRI VENKATA RAHUL		
33	18MH1A0404		BODIREDDY SURENDRA		
34	18MH1A0444		PRATHIPATI LAKSHMI PRASANNA		Garbage Duatbin Management System And Updating Authorities Over Iot
35	18MH1A0428		KUSUMANCHI SRIKANTH		
36	18MH1A0448	9	SUNKAVILLI MANUSHA	Dr.R.Raman	
37	18MH1A0426		KOSURI VENKATASURYASAIRAM		
38	18MH1A0442		PENETI PREMSAGAR		
39	18MH5A0403		LAKAM V M L L DURGA MUTYALU		IoT Based Industry Monitoring System Using Arduino
40	19MH5A0401	10	VASAMSETTI MADHAVA SAI TEJA	M.Vidya	
41	18MH1A0441		PENDYALA RAMYA		
42	18MH1A0408		CHEBOLU J R N S S PRUDHVI RAJ		

43	18MH1A0416		GOPI SIVA KUMAR		
44	18MH1A0419		KAMBALA JHANSI ALEKHYA		
45	18MH1A0438	11	PALLELA SRI ADILAKSHMI	T.Phanimala	IoT Based Coal Mine Safety Monitoring And Alerting System
46	18MH1A0425		KONDAPALLI VEERA PRUDHVI RAJA		
47	18MH1A0421		KANDALA GAYATHRI		
48	18MH1A0435		PABBU RAJA		Optimization Of Tunnel Field-Effect Transistor-Based Esd Protection Network
49	18MH1A0427	12	KUDIDALA SRI SUNIL	B. Jagadeesh Babu	
50	17MH1A0463		GUDIPATI SREE VIDYA		
51	18MH1A0432		NAKKA ARUN KUMAR		
52	18MH1A0434		PABBINEEDI SATYA GOPALA KRISHNA		Deriver Monitoring And Vechicle Controlling Using Iot
53	18MH1A0403	13	BHUSANI GOPAL	Dr. A.Jitendra Prasad	
54	18MH1A0413		DESINA LAVANYA		
55	18MH1A0420		KANCHIPATI SRIKANTH		

Section B

Sl.No	Roll.No	Batch	Student Name	Guide Name	Project Title
1	18MH1A0487		PANANGIPALLI NAGA SURYA TEJASRI		Oil Spill Detection On Sea Surface By Using Sentinel 1 Sar Image
2	19MH5A0407		YADAPALLI ANUSHA DEVI		
3	18MH1A0466	1	KANDIRLA SURESH KUMAR	K. Mahesh Babu	
4	19MH5A0406		GARAGA SURYA VENKATA PAVAN		
5	18MH1A0489		PENDYALA JAYA VIKRA SAI RAM		
6	18MH1A04A0		SOWMYA SRI PALAKURTHI		Compensation Of Dispersion In Optical Communication System Using Dcf And Fbg Methods
7	18MH1A0486	2	PADALA PADMAVATHI CHINNILU	KV Balarama Krishna	
8	18MH1A0471		KOLLI CHITTIBABU		
9	18MH1A0463		GIRAJALA VENKATA SURYA NARAYANA		
10	18MH1A0456		BIKKINA GANGA BHARATHI		Foot step based power generation using piezo and multiple load control using android app via bluetooth
12	18MH1A0473	3	K OM LAKSHMI NARASIMHA JAYANTH	Y.Sugandhi Naidu	

13	18MH1A0483		NALLAMILLI BINDHU MADHAVI	technology.
14	18MH1A0457		BOGADA ESWARI MANI	
14	18MH1A0484		NANDIGAM KRANTHI KUMAR	
15	18MH1A0459	4	CHIKKAM ASHA MADHURI	M.Madhu Manikya Kumar	Image Processing Basecd Fire Detection Using Raspberri Pi
16	18MH1A04A4		YALAMATI LAVANYA	
17	18MH1A0496		SATTI BABA SAI ESWARA REDDY	
18	18MH1A0498		SIDDA VENKATA RAYUDU	
19	18MH1A0458	5	CH VENKATA SAI SATYA ARCHANA	Dr. U SBK Maha Laxim	Computer Aided Detection For Prostate Cancer Detection Based On Magnetic Resonance Imaging
20	18MH1A0467		KANTIMAHANTHI RAMYA	
21	18MH1A0474		KORU SWETHA	
22	18MH1A04A2		VAKKALANKA NAGA PUJITHA	
23	18MH1A0464	6	GOGI ANUSHA	Y.Ravidra Babu	Robitic Arm Based Borewell Rescue Portable Device
24	18MH1A0468		KAPPALA SHANMUKHA SIVA ABHIRAM	
25	18MH1A0479		MOTAMARRI SAI KRISHNA SANNIVAS	
26	19MH5A0409		AVIDI VENKATA SAI MANI CHAND	
27	18MH1A0454	7	ATTILI RAMAKRISHNA VYSHNAV	M.Kishore Kumar	Implementation Of Assistive Robot
28	18MH1A0460		DEEPIKA AYANAMPUDI	
29	18MH1A0472		KONDABATHULA SUNANDA DEVI	
30	18MH1A0477		MEDIBOINA KARTHIK	
31	18MH1A0461	8	DESINA RAMYASRI	K.Suma	Line Followed Virtual Assistance Humanoid Robot For Domestic Purpose
32	18MH1A0481		MULAGADA RENUKA	
33	18MH1A0485		OBINNI SINDHUJA	
34	19MH5A0405		PONNAGANTI LCHVS ANIL KUMAR	
35	18MH1A0476	9	MALLIDI VEERA SIVA REDDY	Dr.Inamul Hussain	Study Of Performance Analysis Of Some Full Adder Circuits For Low Power Vlsi Applications
36	18MH1A0494		RASAMSETTI CHARAN	
37	18MH1A0499		SINGAMSETTI BHAVANI PRASAD	

38	19MH5A0408		BONASU RAJA SEKHAR		
39	18MH1A04A3		VELAGALA UMAMAHESWARI		IoT Integration To Cloude Service Aws For Home Security Monitoring
40	18MH1A0495	10	RAVURI PRAMEELA JYOTHI	Kalesh Busa	
41	18MH1A0465		KANDEPALLI SRI HARAN		
42	18MH1A0490		POTLA SAIDARAO		
43	18MH1A0492		PULAGAM SRIVARSHITHA		Ultrasonic Blind Stick Using Gps And Gsm Based Tracking System
44	18MH1A0488	11	PASALA JAYA LAKSHMI	P Ramesh	
45	18MH1A04A1		TALARI NARASAMBIKA		
46	18MH1A0453		ADAPA MAHESH RAGHAVA		
47	18MH1A0455		BATCHU VEERA VENKATA DHARMA SAINATH		Smart Underground Cable Fault Detection Using Iot
48	18MH1A0469	12	KARANAM ANUSHA	K Mahesh Babu	
49	18MH1A0482		MUTYALA RAMYA		
50	18MH1A0493		PUTTA YUVASRI LAKSHMI		

Section C

Sl. No	Roll.No	Batch No	Student Name	Name of the Guide	Project Title
1	18MH1A04C6		KRISHN ASRIKANTH K		Smart Plug
2	18MH1A04C9	1	MATUPARTHI MANOJ SAI	M.Raghunath	
3	18MH1A04D4		MELIMI BHANU CHAND		
4	18MH1A04C4		KOLLURI UPENDRA		
5	18MH1A04E2		PRATHIPATI KISHORE		Design Of E-Bike For Sustainable Transportation With Automated Tracking
6	18MH1A04B5	2	DHULIPUDI LAKSHMAN SANDEEP	Ch.Janaki Devi	
7	18MH1A04B6		GAMINI SAI SRUJANA		
8	18MH1A04D0		M SOMESH CHANDRA		
9	18MH1A04C3		KOLA SRAVANTHI		Face Recognition Based Attendance Using Esp32cam
10	18MH1A04A7	3	BALISETTI SRAVANI	K.Sangeet Kumar	
11	19MH5A0410		PEDDINTIBHATTARU SRI VENKATA JAGANNADH		
12	17MH1A04F4		UNGARALA GURU LAKSHMI NARAYANA		

13	18MH1A04A6		ALLI SUNIL KUMAR		
14	18MH1A04B2		DASARI SATYA SPANDANA		Weather Monitoring And Reporting System
15	18MH1A04E9	4	THOTAKURA NAGA KALYAN	Dr.G.M.Sundaram	
16	18MH1A04D2		MAGAPU MANI KIRAN		
17	18MH1A04C2		KILAPARTHI NAGA HAVISHA		
18	18MH1A04B3		DASARI VENKATA SAI RAM		IoT Based Voice Golem Of Appliances
19	18MH1A04C0	5	KANDULA SWAMY	P.Bhupa Reddy	
20	18MH1A04D8		PEDDINTI SREE VENKATA SAINATH		
21	18MH1A04E3		PUPPALA RAJESH		
22	18MH1A04D7		PAVAN SATYA SRIDHAR AMIRISETTI		Wi – Me
23	18MH1A04F2	6	VASKURI ADI SAI SUBRAHMANYAM	P.Shanthi	
24	18MH1A04F6		BHUMA NAGA VENKATA SRI VISHNU SAI SIDDHU		
25	18MH1A04F0		VALLURI VENKATA JANARDHANA CHOWDARY		
26	18MH1A04C8		KURUKURI SRUJANA		Smart GSM based Home Automation System
27	18MH1A04D1	7	MADDULA RAM MANOHAR SRI GOVINDA	P.Saimatha Sailaja	
28	18MH1A04C5		KOTA MANIKANTA REDDY		
29	18MH1A04A9		BONTHU RAMYA		
30	18MH1A04E5		RAVANAM NAMRATHA		Detection of Hurricane From Satellite Images
31	18MH1A04C1	8	KANDULA VIMALA CHOWDARY	Y.Sugandhi Naidu	
32	18MH1A04B8		GUBBALA SAI NEERAJ		
33	18MH1A04D5		OLETI VENKATA MALLESWARI		
34	18MH1A04B9		KADARI MADHU VARMA		Design Of Iot Development Board Using Arduino Raspberry Pi And Its Application
35	18MH1A04F1	9	VASAMSETTTI DATTA TRIPURA	M.Kishore Kumar	
36	18MH1A04F5		NETHI LAKSHMI VENKATARAMA GANAPATHI		
37	18MH1A04D9		PERICHERLA DEVI ALEKHYA		
38	18MH1A04E8		SUTAR HARISH KUMAR		IOT based home automation over cloud using Blynk Server and Node MCU
39	19MH5A0411	10	KOPPULA SANDEEP REDDY	S.Siva Prasad	
40	17MH1A0412		DOMALA NAVEEN KUMAR		

41	18MH1A04B1		DARAM PRABHAKAR REDDY		
42	18MH1A04A8	11	BOGIREDDI CHANDRADURGA	P.Mamatha Devi	Water Quality Monitoring System
43	18MH1A04C7		K VENKATESH		
44	17MH1A0486		PASUPULETI GANGA SIMHADRI		
45	18MH1A04D3		MEESALA KALYANI LAKSHMI		
46	18MH1A04E4	12	PYDI MANIDEEP	Kalesh Busa	Computer Vision Based Automated Guided Vechicle
47	18MH1A04E0		PINDI SATISH		
48	17MH1A0438		MULAGANI CHAITANYA REDDY		
49	18MH1A04F3		VUTUKURU SRI CHANDANA		
50	18MH1A04A5	13	ALLAKA BHANU SOWMYA	M.Madhu manikya Kumar	Raspberry Pi Air And Noise Pollution Monitoring System Over IOT
51	18MH1A04B7		GATLA SAI KIRAN REDDY		
52	18MH1A04B0		CHALUMURI PAVANKUMAR		
53	18MH1A04D6		PALAKURTHI BHUVANESWARI		
54	18MH1A04E7	14	SHEIK TANVEERUNNISA	G.Nissi Evangelin	Smart Farming System Using Iot For Efficient Crop Growth
55	18MH1A04E6		RELANGI VENKATA AVINASH		
56	18MH1A04B4		DHARANIKOTA JOSEPH ARUN KUMAR		

Section D

Sl. No	Roll.No	Batch	Student Name	Name of the Guide	Project Title
1	19MH5A0466		THOTA MAVISH		
2	19MH5A0449	1	KOVVURI SATYAKRISHNA	M. Raghunath	A Comparative Study Of Machine Learning Algorithms For Student Academic performance
3	19MH5A0474		D VENKATA PHANINDRA KUMAR SWAMY		
4	19MH5A0477		ATTILI RAKESH		
5	19MH5A0413		ADAPA VINEESHA		
6	19MH5A0422	2	CHEEPURAPALLI SAIBABA	K.V. Balarama Krishna	Design Of Iot Development Board Using Arduino Raspberry Pi And Its Applications
7	19MH5A0429		DAKAMURI SATYA SRINIVAS		
8	19MH5A0451		LALA KAVITHA		

9	19MH5A0431		GADDE RAMA KRISHNA		
10	19MH5A0420		BONDA SAI KRISHNA GANGADHAR		
11	19MH5A0468	3	VASAMSETTI VEERA BHAVANI	Ch. Janaki Devi	Deep Learning Model For Optical Diagnosis Of An Retina
12	19MH5A0478		GANDHAM ADITHYA		
13	17MH1A04E8		PATHIVADA RAMESH BABU		
14	19MH5A0463		S MACHARA SATYA DURGA MALLESWARI		
15	19MH5A0418		BAVISETTI VANI		Blind Aid Stick : Hurdle Recognition, Along With Voice Based Co-Operation Via Gps &Gsm & Panic Alert System
16	19MH5A0445	4	KOLLAPU KARUNA JEEVAN	Dr. Raman R	
17	19MH5A0434		GULLA SRILEKHA		
18	19MH5A0421		CHAPPAGADDA SRI LAKSHMI		
19	19MH5A0444		KODURI SUBRAHMANYAM		
20	19MH5A0476	5	DOMMETI VENKATA KEERTHI	K. Sangeeth Kumar	Enhance The Central Navigation Tracking Robot Using Camera
21	19MH5A0433		GOPI PAVANAKRISHNA		
22	15MH1A04I2		APPIAH KORANG SAMUEL		
23	19MH5A0425		CHINTAKRINDA RANJITH KUMAR		
24	19MH5A0461		SHANMUKHA SAI SANTHOSHKUMAR		
25	19MH5A0414	6	AKULA YEDUKONDALU	T.Gopa`la Krishna	Soldier Health Tracking System Using IOT
26	19MH5A0469		VEMULAPUDI VAMSI		
27	17MH1A04C9		M SRINIVASA GOVINDA VENKATARAJENDRA		
28	19MH5A0415		AMJURI SIVA BHANUPRASAD		
29	19MH5A0424		CH KRISHNA MURTHY		IoT Based Smart & Affortable Automatic Contactless Temperature Checkup & Mask Detection
30	19MH5A0447	7	K S SAI GANESH ADINARAYANA	P. Dedeepya	
31	16MH1A04F3		KEERTHI MOHAN KRISHNA		
32	19MH5A0470		VENTRAPRAGADA VENKATA ASLESH		
33	19MH5A0465		TEKU YAMINI DEVI		
34	19MH5A0462		SHEIK SAJID		Microcontroller Based Digital Door Lock Security System Using Keypad
35	19MH5A0473	8	G UMA SHANKAR GANGA NAVEEN	Dr.Inamul Hussain	
36	19MH5A0479		CHINTAMANENI KALYAN SATYANARAYANA		

37	19MH5A0464		SURAMPUDI SATISH	
38	19MH5A0427	9	DABBUGODLA SUJATHA	V.Kiran	Design Of E-Bike For Sustainable Transport With Automated Tracking
39	19MH5A0440		KAREDLA SURYAPRAKASH	
40	19MH5A0430		DWARAMPUDI SAI SIVA REDDY	
41	19MH5A0450		KUKKALA ARUNKUMAR	
42	19MH5A0452	10	MEDICHARLA VAMSI	S. Parameswari	IoT Based Pollution Monitoring System To Measure Dangerous Gases
43	19MH5A0448		KOTHAGULLA ANIL	
44	19MH5A0454		PARIMI VEERA VENKATA VARA PRAKASH	
45	19MH5A0419		BODDU JANARDHANA VAMSI	
46	19MH5A0459	11	POTHAMSETTI NAVEEN REDDY	G. Veerapandu	Accident Detection System Using GPS & GSM
47	19MH5A0455		PATNALA UMA NAGA DEVI	
48	19MH5A0472		ADABALA SIVA MANI	
49	19MH5A0467		THOTAKURA NAVYA	
50	19MH5A0475	12	CHIRTAPUDI SURYA SAMPATH	P.Ramesh	Intruder Detection And Send A Captired Image To Gmail
51	19MH5A0471		TULIMELLI ANUSHA	
52	19MH5A0457		PILLI VEERA SIVA MANIKANTA	
53	19MH5A0412		KAKARAPALLI LALITHA	
54	19MH5A0428	13	DADISETTI PUTRAYYA	S. Dileep Kumar	SWT and PCA image fusion methods for multi-modal imagery
55	19MH5A0458		PITTA SUNIL KUMAR	
56	19MH5A0442		KATARAPU VEERENDRASRIVAMSI	
57	19MH5A0441		KARRI SRINIVASA RAO	
58	19MH5A0453	14	PALIKALA VEERAVENKATA SIVADORA	Dr.G.Jaffino	Automated Attendance Monitoring System Using IOT
59	19MH5A0446		KONDAPALLI SRINIVASU	
60	19MH5A0443		KODIGUDDU SATYASAI	
61	19MH5A0439		KANIGIRI RATNA KUMARI	
62	19MH5A0460	15	PURANAPANDA KAMESWARARAO	G. Veerapandu	Automated Fluid Level Sensing and Controlling System Using IoT
63	19MH5A0456		PEDDI LIKHIT SURYA	
64	19MH5A0436		KADIYALA GOPAL CHANDRA SRI	

65	19MH5A0426		CHINTALAPUDI TEJA SATYA SRINIVAS		
66	19MH5A0416	16	AMUJURI NARAYANA	M. Venkateswarulu	Electronics fingerprint/biometric based voting system using IOT
67	19MH5A0417		ANDIBOYINA UMA MAHESWARA RAO		
68	19MH5A0423		CHEKKA RAJESH		
69	19MH5A0437		KANALA MAHENDRANATH REDDY		
70	19MH5A0435	17	GUNDUMALLA BHAVANI SHANKAR	K. Vijaya Kumari	Smart Electricity Monitoring and Control using IoT
71	19MH5A0432		GOLLAPALLI VEERA VENKATA SATYANARAYANA		
72	19MH5A0438		KANAPARTHI VIGHNESWARA		

Project allocation for the Academic Year 2020-21:

Section -A

Sl.No	Roll.No	Stuent Name	Batch	Guide	Project Title
1	17MH1A0418	Gopisetti vara lakshmi			
2	17MH1A0451	Savarapu kiran	1	G. Veerapandu	Fast hub floating-point adder for fpga
3	17MH1A0403	Athkuri chandhanaashre			
4	17MH1A0430	Kukkala veerendra			
5	17MH1A0449	Peketi mani vinodh			
6	17MH1A0411	Chintha sudheer bhargav reddy	2	M.Venkateswarlu	Skin cancer classification syatem using deep learning
7	17MH1A0441	Nallamilli vijaya sri ramya			
8	17MH1A0415	Geddam bhima lingeswara swamy			
9	18MH5A0406	Velidi mohana surya kala			Remote sensing satellite using multiple sensar, microcontroller & Communicatin using IOT Technology.
10	18MH5A0405	Vadisetti vasundharadevi	3	K.Suma	
11	17MH1A0446	Pabbireddi bhargava durga Mahesh			
12	17MH1A0413	Ganta venkata sai madan			
13	17MH1A0448	Pepakayala dhanalakshmi			
14	17MH1A0433	Magapu v v surya satya someswari devi	4	M.Madhumanikya Kumar	Women safety device with gps tracking
15	17MH1A0439	Mullapudi rekha annapurna			
16	17MH1A0414	Gattem sai ramakrishna			

17	17MH1A0416	Sathi kalarani			
18	17MH1A0404	Avula naresh	5	P.Ramesh	Performance analysis of parallel prefix adder for datapath vlsi design
19	17MH1A0408	Bolla dinesh babu			
20	17MH1A0410	Chelamasettidurgamani			
21	17MH1A0406	Bavisetti sirisha			
22	18MH5A0404	Penumatsa veera bhaskara nagitha sri	6	Ch.Janaki Devi	Power Theft Detection and Energy Meter Notification Using GSM Module
23	18MH5A0407	Viswanadhapalli akash			
24	17MH1A0452	Ramireddy chandra sekhar			
25	17MH1A0422	Kaduluri sridevi krishna			
26	17MH1A0437	Mirapala siva yesu durga prashanth			
27	17MH1A0409	Garaga veera venkata rama Krishna	7	P.Mamatha Devi	Prediction and Analysis of Crosstalk in Electronic system Design for Intra- System EMC Compliance
28	16MH1A0448	Rompicharlasrivaishnavi			
29	17MH1A0417	Goluguri sri mahalakshmi			
30	17MH1A0453	Patneedi hema raghu bharathi			
31	17MH1A0447	Pachchipala sudarshan			
32	17MH1A0431	Kumpatla suresh	8	S.Anil Nagendra	Cop-Out Side Channel Attacks by Using Masking128 Bit AES Design
33	17MH1A0443	Jatla sri satyavathi			
34	17MH1A0436	Nethi lakshmi prasanthi			
35	17MH1A0442	Narla sindhura devi			
36	17MH1A0432	Medisetty ganesh	9	T.Phanimala	IOT Based Underground Cable Fault Distance Locator and Monitoring
37	17MH1A0428	Koppera dheeraj			
38	18MH5A0401	Gangiredla mani			
39	17MH1A0445	Nunna sruthi			
40	17MH1A0425	Kolapati narendrababu	10	M.Kishore Kumar	Automated irrigation system in agriculture using gsm technology
41	17MH1A0429	Kothapalli dharma teja			
42	17MH1A0407	Gooturu murali krishna			
43	18MH5A0402	Kota srinu			
44	17MH1A0444	Nukavarapu muthyala mallika siva sekhar	11	M.Raghunath	Mobile price prediction using machine learning
45	18MH5A0408	Bheemireddi ganesh			
46	17MH1A0427	Kondepudi sai saranya devi			

47	17MH1A0435	Manda srinivasa raghuram			
48	17MH1A0426	Kommu prudhvibabu	12	Y.Sugandhi Naidu	Lung cancer detection using neural networks
49	17MH1A0440	Nakkina bala durga mallesh			
50	17MH1A0421	Gundabathula sri vijaya lakshmi sarala			
51	17MH1A0424	Koduri l s m bhavani			
52	17MH1A0419	Gowdu sai naga lakshmi gayatri	13	Dr.G.Jaffino	Fruit disease classification and detecting defectives using image processing
53	17MH1A0420	Grandhisila sravan kumar			
54	17MH1A0423	Karaka nagababu			

Section C

S. No	Roll. No	Stuent Name	Batch	Guide	Guide
1	17MH1A04E9	Sri kala godavarthi			
2	17MH1A04B2	Gampala ajay durga vara prasad	1	Kalesh Busa	Smart home security system and automation using telegram communication protocols and raspberry pi
3	17MH1A04B3	Ganta aravindu			
4	17MH1A04C8	Kothem gangamahalakshmi			
5	17MH1A04E3	Perugu jyothi			
6	17MH1A04B1	Devireddy Chandrasekhar	2	M. Venkateswarlu	Age and gender classification using matlab
7	17MH1A04E0	Pappula sri raja rajeswari			
8	17MH1A04D0	Mandela sai sri durga vamsi			
9	18MH5A0418	Marri joshna veera maha lakshmi			
10	17MH1A04F2	Tangudu yaswanth kumar	3	Dr. G.Jaffino	Automatic identification of ayurvedic medical plants leaf using knn classifier
11	18MH5A0421	Malladi sri ram trilok chakravarthy			
12	17MH1A04B9	Kamisetty shanmukha v lakshman murthy			
13	18MH5A0423	Bavisetti deepika venkata durga			
14	17MH1A04F7	Y. Sindhu naga bargavi	4	Dr.USBK Mahalakshmi	License plate recognition system based on fuzzy theory and bp neural network
15	17MH1A04E5	Rayapati venkata Krishna			
16	16MH1A0495	Kundum naga venkata raj kumar			

17	18MH5A0419	Nurukurthi mallikarjun			
18	17MH1A04A8	Atkuri veera venkata sai krishna	5	P. Ramesh	Rice quality analysis using image processing technique
19	17MH1A04B4	Golla vinay roy			
20	17MH1A04B5	Bhasyam venkat mohit kumar			
21	17MH1A04D6	Nerella sowmya			
22	17MH1A04F1	Syed ashrafunnisa	6	M. Kishore Kumar	Online hand guesture recognition for deaf and dumb
23	18MH5A0420	Sayyed hajee baba			
24	17MH1A04D9	Panchadi kali Krishna			
25	17MH1A04D3	Nallamilli vinitha reddy			
26	18MH5A0416	Bheemireddy navya sai satya	7	M. Raghunath	Gsm and iot based industry protection system
27	16MH1A04D6	Borra venkata sai nithin			
28	16MH1A0496	Lalam naveen			
29	17MH1A04B0	Dasari narendra babu			
30	17MH1A04C4	Katari veera chakradhar	8	G. Veerapandu	Facial emotion reorganization usingConvolutional neural network
31	17MH1A04C1	Karanki sri ram			
32	17MH1A04D4	Nalluri veera venkata vara prasad			
33	17MH1A04E6	Gollapalli pranathi			
34	17MH1A04C0	Kantheti hasnitha	9	P. Bhupa Reddy	Braille to text and speech converter for cecity persons using matlab
35	17MH1A04F3	Teluguntla shiva jagadeesh			
36	17MH1A04D8	Palavancha tirumala aditya vasishta			
37	17MH1A04E4	Polavarapupadmasri			
38	17MH1A04E2	Penmetsa mahima gayathri	10	Ch. Janaki Devi	Colour balance and fusion for underwater image enhancement
39	17MH1A04D7	Marni satya sai brundana			
40	17MH1A04B6	Gorrella avinash			
41	17MH1A04C7	Korumilli ganga veerraju			
42	17MH1A04A7	Adhikari venkataratnam naidu	11	Dr.R.Raman	Leaf disease detection using convolutional neural network
43	17MH1A04F5	Vakacharla sai sri rama karthik			
44	17MH1A04B7	Gunnam sai kalyan			

45	17MH1A04E7	Seethala bhagya sri lakshmi			
46	17MH1A04B8	Nimmagadda swarna	12	B. Jagadeesh Babu	Implementation of design of power efficient configurable booth multiplier using multiplexing algorithm
47	17MH1A04C6	Katta tejasri			
48	17MH1A04D2	Musthafa shaik			
49	16MH1A04B9	Thota rajeswari devi			
50	18MH5A0422	Boya yankanna	13	K. Mahesh Babu	Hybrid power generation system using solar and wind energy with inverter and using iot based load control system
51	17MH1A04C3	Kasturi venkata sathish			
52	16MH1A0467	Ankamreddi swamy satyanarayana			
53	17PC1A0424	Kotni aravindeswar			
54	17MH1A04F6	Vuppu devi srinija	14	Dr.G.M.Sundaram	Deep learning algorithm for classification and prediction of lung diseases using ct scan images
55	18MH5A0417	Cheerla purushotham			
56	17MH1A04A9	Chitturi vijay			

B. Types and Relevance of the projects mapping with POs and PSOs

- The student projects are selected in line with department mission, vision, program outcomes and Program Specific Outcomes..
- The list of previous year's projects is displayed on notice board to avoid repetition of the same project work. However students are encouraged to extend the previous project works further. Project reports are available in department and central library.
- The faculty members encourage the students to carry out projects in house by providing necessary support.

The students are encouraged to participate in project exhibitions organized by other institutes. The project exhibitions are aimed to provide a common platform to exhibit their innovations and their work towards excellence in latest technology

- Students are provided with brief idea of various fields for selecting the project.
- Projects shall be categorized into the following type:
  1. Image Processing
  2. Embedded and VLSI
  3. Signal processing
  4. Wireless Communications
  5. IOT
  6. Biomedical and etc.

The Project Coordinator along with two senior staff members are formed as a team to ensure that the finalized projects should be mapped with Program Outcomes (PO) and Program Specific Outcomes (PSO)

AY: 2021-22

Section A

Batch	Name of the Guide	Project Title	POs Attainment
1	Dr. Meenakshi sundaram	Finger print based electronic voting machine using IOT	PO1,PO2,PO8,PO9,PO10,PO12,PS02
2	M. Sudheer Kumar Reddy	A novel random number generator to overcome bottleneck in ring oscillator	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12,PS02
3	K. Vijaya Kumari	Design of an intelligent management system for agricultural greenhouse based on iot	PO1,PO2,PO3,PO4,PO5,PO7,PO9,PO10,PO11,PO12,PSO1,PS02
5	M.Venkateswarlu	Automatic Detection of Plant leaf disease using deep learning	PO1,PO2,PO8,PO9,PO10,PO12,PS02
6	V.Kiran	Design of IOT Development board using arduino and its applications	PO1,PO2,PO3,PO5,PO6,PO12,PS02
7	Kalesh Busa	Emergiency rescue system using sensor fusion and machine learning algorithm	PO1,PO2,PO8,PO9,PO10,PO12,PS02
8	P. Jhansi	Smart transformer performance using iot (or) real time transformer health monitoring system using iot	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PS02
9	Dr. R.Raman	Garbage duatbin management system and updating authorities over iot	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PS02
10	M. Vidya	Iot based industry monitoring system using arduino	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PS02
11	T. Phanimala	Iot based coal mine safety monitoring and alerting system	PO1,PO2,PO3,PO5,PO6,PO9,PO10,PO11,PO12,PS02
12	B. Jagadeesh Babu	Optimization of tunnel field-effect transistor-based esd protection network	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PS02
13	Dr. A.Jitendra Prasad	Deriver monitoring and vechicle controlling using iot	PO1,PO2,PO8,PO9,PO10,PO12,PS02

Section B

Batch	Name of the Guide	Project Title	POs Attainment
1	K.Mahesh Babu	Oil spill detection on sea surface by using sentinel 1 sar image	PO1,PO2,PO8,PO9,PO10,PO12,PS02
2	KV Balarama Krishna	Compensation of dispersion in optical communication system using dcf and fbg methods	PO1,PO2,PO8,PO9,PO10,PO12,PS02
3	Y.Sugandhi Naidu	Foot step based power generation using Piezo and Multiple Load control using Android App via Bluetooth Technology.	PO1,PO2,PO8,PO9,PO10,PO12,PS02
5	M.Madhu Manikya Kumar	Image processing basecd fire detection using raspberri pi	PO1,PO2,PO8,PO9,PO10,PO12,PS02
6	Dr.U SBK Maha Laxim	Computer aided detection for prostate cancer detection based on magnetic resonance imaging	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO12,PS02
7	Y.Ravidra Babu	Robitic arm based borewell rescue portable device	PO1,PO2,PO3,PO5,PO6,PO9,PO10,PO11,PO12,PS02
8	M.Kishore Kumar	Implementation of assistive robot	PO1,PO2,PO3,PO5,PO6,PO9,PO10,PO11,PO12,PS02
9	K.Suma	Line followed virtual assistance Humanoid Robot for Domestic purpose	PO1,PO2,PO8,PO9,PO10,PO12,PS02
10	Dr.Inamul Hussain	Study of performance analysis of some full adder circuits for low power vlsi applications	PO1,PO2,PO3,PO4,PO5,PO8,PO9,PO10,PO11,PO12,PS02
11	Kalesh Busa	Iot integration to cloude service aws for home security monitoring	PO1,PO2,PO8,PO9,PO10,PO12,PS02
12	P Ramesh	Ultrasonic blind stick using gps and gsm based tracking system	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PSO1,PS02

Section C

Batch	Name of the Guide	Project Title	POs Attainment
1	M.Raghunath	Smart plug	PO1,PO2,PO8,PO9,PO10,PO12,PS02
2	Ch.Janaki Devi	Design of e-bike for sustainable transportation with automated tracking	PO1,PO2,PO8,PO9,PO10,PO12,PS02
3	K.Sangeet Kumar	Face recognition based attendance using esp32cam	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO11,PO12,PS02
5	Dr.G.M.Sundaram	Weather Monitoring and Reporting System	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PSO1,PS02
6	P.Bhupa Reddy	Iot based voice golem of appliances	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PSO1,PS02
7	P.Shanthi	Wi – me	PO1,PO2,PO3,PO4,PO5,PO7,PO9,PO10,PO11,PO12,PSO1,PS02
8	P.Saimatha Sailaja	Smart GSM based Home Automation System	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PSO1,PS02
9	Y.Sugandhi Naidu	Detection of Hurricane From Satellite Images	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO11,PO12,PS02
10	M.Kishore Kumar	Design of iot development board using arduino raspberry pi and its application	PO1,PO2,PO3,PO5,PO6,PO7,PO12,PSO1,PS02
11	S.Siva Prasad	IOT based home automation over cloud using Blynk Server and Node MCU	PO1,PO2,PO3,PO5,PO6,PO9,PO10,PO11,PO12,PS02
12	P.Mamatha Devi	Water quality monitoring system	PO1,PO2,PO8,PO9,PO10,PO12,PS02
13	Kalesh Busa	Computer vision based automated guided vechicle	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PSO1,PS02
14	G.Nissi Evangelin	Smart farming system using iot for efficient crop growth	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO12,PS02

Section D

Batch	Name of the Guide	Project Title	POs Attainment
1	M.Raghunath	A comparative study of machine learning algorithms for student academic performance	PO1,PO2,PO8,PO9,PO10, PO12,PS02
2	K.V. Balarama Krishna	Design of iot development board using arduino raspberry pi and its applications	PO1,PO2,PO8,PO9,PO10, PO12,PS02
3	Ch.Janaki Devi	Deep learning model for optical diagnosis of an retina	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO11,PO12, PSO1,
5	Dr.Raman R	Blind aid stick : hurdle recognition, along with voice based co-operation via gps &gsm & panic alert system	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PSO1,PS02
6	K.Sangeeth Kumar	Enhance the central navigation tracking robot using camera	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PSO1,PS02
7	T.Gopala Krishna	Soldier health tracking system using iot	PO1,PO2,PO3,PO4,PO5,PO7,PO9,PO10,PO11,PO12,PSO1,PS02
8	P.Dedeepya	Iot based smart & affortable automatic contactless temperature checkup & mask detection	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PSO1,PS02
9	Dr.Inamul Hussain	Microcontroller based digital door lock security system using keypad	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO11,PO12,PS02
10	V.Kiran	Design of e-bike for sustainable transport with automated tracking	PO1,PO2,PO3,PO5,PO6,PO7,PO12,PSO1,PS02
11	S.Parameswari	Iot based Pollution Monitoring System to measure dangerous Gases	PO1,PO2,PO3,PO5,PO6,PO9,PO10,PO11,PO12,PS02
12	G.Veerapandu	Accident detection system	PO1,PO2,PO8,PO9,PO10, PO12,PS02
13	P.Ramesh	Intruder detection and send a captired image to gmail	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11,PO12,PSO1,PS02
14	S.Dileep Kumar	SWT and PCA image fusion methods for multi-modal imagery	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO12,PS02
15	Dr.G.Jaffino	Automated attendance monitoring system using iot	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO12,PS02
16	G.Veerapandu	Automated Fluid Level Sensing and Controlling System Using iot	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO12,PS02
17	M.Venkateswarulu	Electronics fingerprint/biometric based voting system using iot	PO1,PO2,PO8,PO9,PO10, PO12,PS02
18	K. Vijaya Kumari	Smart Electricity Monitoring and Control using iot	PO1,PO2,PO3,PO4,PO5,PO7,PO9,PO10,PO11,PO12,PSO1,PS02

S.No	Name of the Project	POS &PSOS Mapping
1	Fast hub floating-point adder for FPGA	PO1, PO2, PO3, PO5, PO9, PO10,PO12,PSO2
2	Skin cancer classification system using deep learning	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
3	Remote sensing satellite using multiple sensor, microcontroller & Communication using IOT Technology.	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
4	Women safety device with GPS tracking	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
5	Performance analysis of parallel prefix adder for data path VLSI design	PO1, PO2, PO3, PO5, PO9, PO10,PO12,PSO2
6	Power Theft Detection and Energy Meter Notification Using GSM Module	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
7	Prediction and Analysis of Crosstalk in Electronic system Design for Intra- System EMC Compliance	PO1, PO2, PO3, PO5, PO9, PO10,PO12,PSO2
8	Cop-Out Side Channel Attacks by Using Masking128 Bit AES Design	PO1, PO2, PO3, PO5, PO9, PO10,PO12,PSO2
9	IOT Based Underground Cable Fault Distance Locator and Monitoring	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
10	Automated irrigation system in agriculture using GSM technology	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
11	Mobile price prediction using machine learning	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
12	Lung cancer detection using neural networks	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
13	Fruit disease classification and detecting defectives using image processing	PO1,PO2,PO3,PO9,PO10,PO12,PSO2

Section B

S.No	Name of the Project	POS &PSOS Mapping
1	Foot step power generation system by using piezolectric materials	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
2	Study of various types of antennas parameters using ie 3D software	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO12, PSO2
3	Iot based garbage level monitoring and dry-wet dust indication system	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
4	IOT- Covid patient health monitor in quarantine	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
5	Smart agriculture monitoring system using IOT	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
6	Monitoring and detection of man hole using IOT.	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
7	Car black box system for accident prediction and crash recovery using gps and gsm	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
8	Energy efficient power control in 5G wireless technologies	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1,PSO2
9	Anti-collision system for vehicles with safe braking and alerting system.	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
10	Efficient anti-spoofing system for face recognition using matlab	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
11	Novel-shaped planar monopole antennas with mulri band for dcs, bluetooth, and ultra-wide-band applications	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO12, PSO2
12	Bitcoin Price Prediction	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
13	Arduino based alcohol detection, vehicle controlling and reporting disaster alert using gps and gsm	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
14	Iot based car parking with empty slot detection system	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1

Section C

S.No	Name of the Project	POS &PSOS Mapping
1	Smart Home Security System and Automation using Telegram communication protocols and Raspberry pi	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
2	Age and gender classification using MATLAB	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
3	Automatic Identification of Ayurvedic Medical Plants Leaf Using KNN Classifier	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
4	License plate recognition system based on fuzzy theory and BP neural network	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
5	Rice quality analysis using image processing technique	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
6	Online hand guesture recognition for deaf and dumb	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
7	GSM and IOT based Industry Protection System	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
8	Facial Emotion Reorganization UsingConvolutional Neural Network	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
9	Braillet extand speech converter for cavity persons using matlab	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
10	Colour balance and fusion for underwater image enhancement	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
11	Leaf disease detection using convolutional neural network	PO1,PO2,PO3,PO9,PO10,PO12,PSO2
12	Implementation of Design Of Power Efficient Configurable Booth Multiplier Using Multiplexing Algorithm	PO1, PO2, PO3, PO5, PO9, PO10,PO12,PSO2
13	Hybrid power generation system using solar and wind energy with inverter and using iot based load control system	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1
14	Deep learning algorithm for classification and prediction of lung diseases using CT scan images	PO1,PO2,PO3,PO9,PO10,PO12,PSO2

C. Process for monitoring and evaluation:

- As per the Academic calendar, in the time table project hours will be allocated to students, to work and on their respective projects.
- A separate class room or lab will be dedicatedly allocated for executing their academic project works
- Project students should meet their respective guide to report the progress of the project once in a week and get approval
- Project guide will monitor each student in the team and direct them towards completion of the project.

- The Project Review Committee consisting of Head of the Department, Project Coordinator, Senior Faculty members and the Project guide are responsible for making the regulations and for complete evaluation process

Phase1:
- Title & Feasibility
- Objective and Scope of the project
- Analysis and explanation of the identified Problem
- Time plan of the project
- Abstract
- Presentation

Phase 2:
- Literature review related to particular problem
- Methodology
- Implementation strategy
- Expected Result
- Presentation

Phase 3:
Algorithms used to overcome the specific problem(general description of algorithms)
- Design and analysis

Phase 4:
- Implementation /Execution
- Results
- Final report
- Overall presentation

The University nominates an external examiner for final evaluation of the project.

D. Process to assess individual and team performance
Each project guide is responsible to monitor the attendance of the project student during the course of project work each student must present a power point presentation about their role and their contribution in their project work during the review. The project guide must ensure the students gain the insights of the objectives and meets requirements of the project, if anything beyond is essential it will be communicated to HOD.

Objectives of the project work carried will be attained with the following:
- Day to day work done by the students.
- Partial/Full completion of the project
- The students' presentation and demonstration
- Results and documentation.

After the completion of each project review, the comments/suggestion/evaluation results are informed to the students as feedback of their work done and to improve the same.

As per the academic calendar prescribed by the university. The University nominates an external examiner for final evaluation of the project. Internal Examiner, project guide and external examiner will complete the evaluation process.

Best Project Evaluation

A few projects will be adjudged as the best/ good projects by the Project Review Committee in consultation with external examiner based on their

- Originality and Innovativeness.
- Project goals
- Algorithm implementation and Functional specification.
- Design, fabrication and experimentation
- Analytical results and documentation.

All projects are mapped to POs and PSOs.

Best projects for the Academic Year 2021-22- Section – A

Sl. No	Roll.No	Batch No	Student Name	Name of the Guide	Project Title
1	18MH1A0402	5	BATHULA SWATHI	M.Venkateswarlu	Automatic Detection of Plant leaf disease using deep learning
2	18MH1A0410		CHOKKA SANTHI SOWJANYA MANI		
3	18MH1A0415		GOLI VINOD KUMAR		
4	18MH1A0424		KONDAPALLI NAIMESHA LEKYA		
5	18MH1A0407	6	BURRA SRI DURGA CHANDRIKA	V.Kiran	Design of IOT Development board using arduino and its applications
6	19MH5A0402		CHERUKURI VENKATA NAGA SAI MANI KIRAN		
7	19MH5A0403		DONTAMSETTI SATISH		
8	19MH5A0404		LEKKALA DURGA PRASAD		

Best projects for the Academic Year 2021-22- Section – B

Sl.No	Roll.No	Batch No	Student Name	Name of the Guide	Project Title
1	18MH1A04A0	2	SOWMYA SRI PALAKURTHI	KV Balarama Krishna	Compensation Of Dispersion In Optical Communication System Using Dcf And Fbg Methods
2	18MH1A0486		PADALA PADMAVATHI CHINNILU		
3	18MH1A0471		KOLLI CHITTIBABU		
4	18MH1A0463		GIRAJALA VENKATA SURYA NARAYANA		
5	18MH1A0461	8	DESINA RAMYASRI	K.Suma	Line followed virtual assistance Humanoid Robot for Domestic purpose
6	18MH1A0481		MULAGADA RENUKA		
7	18MH1A0485		OBINNI SINDHUJA		
8	19MH5A0405		PONNAGANTI LCHVS ANIL KUMAR		
9	18MH1A0476	9	MALLIDI VEERA SIVA REDDY	Dr.Inamul Hussain	Study Of Performance Analysis Of Some Full Adder Circuits For Low Power Vlsi Applications
10	18MH1A0494		RASAMSETTI CHARAN		
11	18MH1A0499		SINGAMSETTI BHAVANI PRASAD		
12	19MH5A0408		BONASU RAJA SEKHAR		

Best projects for the Academic Year 2021-22- Section – C

Sl.No	Roll.No	Batch No	Student Name	Name of the Guide	Project Title
1	18MH1A04C6	1	KRISHNASRIKANTH K	M.Raghunath	Smart Plug
2	18MH1A04C9		MATUPARTHI MANOJ SAI		
3	18MH1A04D4		MELIMI BHANU CHAND		
4	18MH1A04C4		KOLLURI UPENDRA		
5	18MH1A04B1	11	DARAM PRABHAKAR REDDY	P.Mamatha Devi	Water Quality Monitoring System
6	18MH1A04A8		BOGIREDDI CHANDRADURGA		
7	18MH1A04C7		K VENKATESH		
8	17MH1A0486		PASUPULETI GANGA SIMHADRI		

Best projects for the Academic Year 2021-22 Section – D

Sl.No	Roll.No	Batch No	Student Name	Name of the Guide	Project Title
1	19MH5A0431	3	GADDE RAMA KRISHNA	Ch. Janaki Devi	Deep Learning Model For Optical Diagnosis Of An Retina
2	19MH5A0420		BONDA SAI KRISHNA GANGADHAR		
3	19MH5A0468		VASAMSETTI VEERA BHAVANI		
4	19MH5A0478		GANDHAM ADITHYA		
5	17MH1A04E8		PATHIVADA RAMESH BABU		
6	19MH5A0419	11	BODDU JANARDHANA VAMSI	G. Veerapandu	Accident Detection System Using Gps & Gsm
7	19MH5A0459		POTHAMSETTI NAVEEN REDDY		
8	19MH5A0455		PATNALA UMA NAGA DEVI		
9	19MH5A0472		ADABALA SIVA MANI		

Best projects for the Academic Year 2020-21- Section – A

Roll No	Name Of The Student	Areas of Specialization	Mapping with the stated POs and PSOs	GUIDE NAME	Project Title
17MH1A0424	KLSM Bhavani	Digital Image Processing	PO1, PO2, PO3, PO9, PO10,PO12,PSO2	Dr. G.Jaffino	Fruit disease classification and detecting defectives using Image Processing
17MH1A0419	G.S.N Laxmi				
17MH1A0420	GS Kumar				
17MH1A0423	K Nagababu				
17MH1A0435	MS Raghuram	Signal Processing	PO1, PO2, PO3, PO9, PO10,PO11,PO12,PSO1	Y. Sugandhi Naidu	Lung Cancer detection using Neural Networks
17MH1A0426	K Prudhvi Babu				
17MH1A0440	NB D Mallesh				
17MH1A0421	G.S.VL Sarala				
17MH1A0416	S Kalarani	VLSI	PO1, PO2, PO3, PO5, PO9,PO10,PO12,PSO2	P. Ramesh	Performance analysis of parallel prefix adder for data path in VLSI
17MH1A0404	A Naresh				
17MH1A0408	B. Dinesh Babu				
17MH1A0410	Ch. Durga Mani				

Table 2.2.3.a

Best projects for the Academic Year 2020-21- Section – B

Roll No	Name Of The Student	Areas of Specialization	Mapping with the stated POs and PSOs	GUIDE NAME	Project Title
17MH1A0464	J.Sai	Embedded system	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1	Dr. U.S.B.K.Mahalakshmi.	Intelligent alcohol sensor based drunk and drive detection with vehicle disaster alert system using GPS and GSM Technology
18MH5A0415	A.Suryanarayana				
18MH5A0411	D.L.Sai				
18MH5A0410	Ch.Durga Prasad				
17MH1A0466	K.Bilvika	Wireless Communication	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PO12, PSO2	T. Krishna Mohana	Energy efficient power control in wireless Technology
18MH5A0414	M.Siva Shankar				
17MH1A0459	G.Anusha				
17MH1A0465	J.Venkatesh				
17MH1A0468	K. Vijay Pratap	Digital Image Processing	PO1, PO2, PO3, PO9, PO10,PO12, PSO2	P. Bhupa Reddy	Efficient Anti-spoofing system for Face recognition using MATLAB
18MH5A0409	B.Ganesh				
17MH1A0467	KSS Aditya				
17MH1A0457	Ch Siva Chakradhar				

Table 2.2.3.b

Best projects for the Academic Year 2020-21- Section – C

Roll No	Name Of The Student	Areas of Specialization	Mapping with the stated POs and PSOs	GUIDE NAME	Project Title
17MH1A04E9	G. Srtikala	IOT	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11,PO12, PSO1	Kalesh Busa	Home Automation security using Raspberry Pi and IOT
17MH1A04B2	G AVara Prasad				
17MH1A04B3	G Aravind				
17MH1A04C8	K G Mahalaxmi				
17MH1A04B0	D Narendra Babu	Digital Image Processing	PO1, PO2, PO3, PO9, PO10,PO12,PSO2	G.Veerapandu	Facial emotional recognition by using image Processing
17MH1A04C4	KV Chakradhar				
17MH1A04C1	K Sriram				
17MH1A04D4	NVV Prasad				

Roll No	Name Of The Student	Areas of Specialization	Mapping with the stated POs and PSOs	GUIDE NAME	Project Title
17MH1A04D3	NV Reddy	Embedded system	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1	M.Raghunath	Development of vehicle monitoring tracking and accident identification using audio processor
18MH5A0416	B. Navya Sai Satya				
16MH1A04D6	B.VS Nithin				
16MH1A0496	L Naveen				

Table2.2.3.c

Best projects for the Academic Year 2018-19- Section – A

Roll No	Name Of The Student	Areas of Specialization	Mapping with the stated POs and PSOs	GUIDE NAME	Project Title
15MH1A0453	TLNS.Lavanya	Antennas	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO12, PSO2	Mr.G.Rama krishna	Inset fed staircase shaped microstrip patch antenna for X-band applications
15MH1A0433	N.Sandya				
16MH5A0448	S.V.V.N.D.V.B. Manikanta				
15MH1A0424	K.R.Ratan				
16MH5A0405	K.V.Pravallika	Image processing	PO1, PO2, PO3, PO9, PO10,PO12, PSO2	Mr.K.Balaramkrishna	Implementation of guester to voice conversion for hearing and speech disability
15MH1A0409	B.Adarsha				
15MH1A0450	S.B.R .Isaac				
15MH1A0411	CH.Kartheek babu				
15MH1A0417	J.V.S.Pratima	Embedded System	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1	Mr.G.Veerapandu	Smart helmet using GPS &GSM for accident detection and reporting systems
16MH5A0402	G.V.N.S.Sai Kumar				
15MH1A0445	P.Sravani Devi				
15MH1A0403	A.Bargavi				

Table2.2.3.d

Best projects for the Academic Year 2018-19 Section – B

Roll No	Name Of The Student	Areas of Specialization	Mapping with the stated POs and PSOs	GUIDE NAME	Project Title
15MH1A0466	B.Anitha	VLSI	PO1, PO2, PO3, PO5, PO9,PO10, PO12,PSO2	Mr.G.Veerapandu	Design of Galois LFSR used in bist architecture for VLSI IC Testing
15MH1A0470	B.Sai bindu				
16MH5A0486	K.Venkatesh				
15MH1A0462	A.Baba Kartheek				

Roll No	Name Of The Student	Areas of Specialization	Mapping with the stated POs and PSOs	GUIDE NAME	Project Title
15MH1A04B8	V.L.CH.S.Srujana	Antennas	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO12, PSO2	Mr.G.Ramakrishna	Design of 2X2 rectangular microstrip patch antenna for X band applications
15MH1A04A1	A.Harika				
16MH5A0412	M.J.Sai ram				
15MH1A0474	D.Kiranbai				
15MH1A04	Ch.Sai aparna	Embedded System	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1	Ms.N.Sravani	Wavelet based image processing using adaptive fusion methodology
15MH1A04	P.S.S.L.Lavanya				
15MH1A04	N.N.Prudviraj				
15MH1A04	Y.Bhavani prasad				

Table2.2.3.e

Best projects for the Academic Year 2018-19- Section – C

Roll No	Name Of The Student	Areas of Specialization	Mapping with the stated POs and PSOs	GUIDE NAME	Project Title
15MH1A04G0	P.Nagini	Embedded System	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1	Mr.K.Siva Nagendra.	Design of reconfigurable LSFR for VLSI IC testing in ASIC & FPGA
15MH1A04H6	V.Shivanadini				
16MH5A0425	V.Sai vamsi				
15MH1A0F4	M.S.S.Pavan				
15MH1A04G8	KS.B.G.Sai Kumar				
15MH1A04H1	T.Sirisha devi	VLSI	PO1, PO2, PO3, PO5, PO9,PO10,PO12,PSO2	N.Rajesh Babu	Design of quantum cost efficient 4-bit reversible universal shift register
15MH1A04F7	M.S.V.Krishna Reddy				
15MH1A04G7	S.Ramanjaneyulu				
15MH1A04D0	CH.Harshini				
15MH1A04C9	B.Leela	Embedded System	PO1, PO2, PO3, PO4, PO5, PO9, PO10,PO11, PSO1	Mr.G.Veerapandu	Design and development vehicle monitoring tracking and accident identification using Arduino Processer
15MH1A04D7	D.R.Bharathi				
15MH1A04F5	M.Anusha				
15MH1A04H0	T.S.Satyavathi				
15MH1A04E2	G.Dinesh kumar				
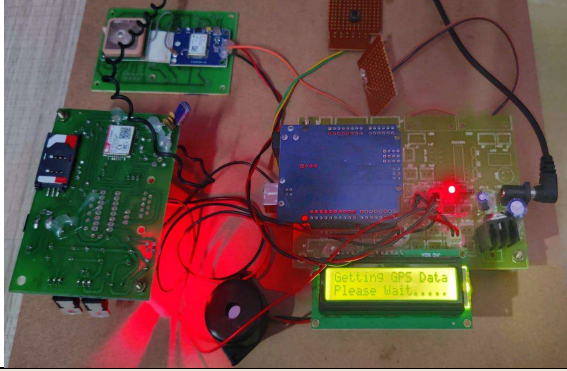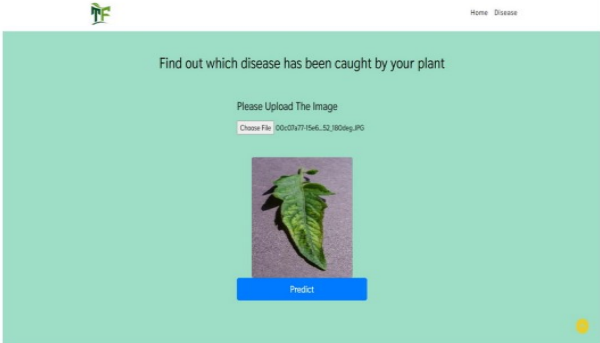
Table2.2.3.f
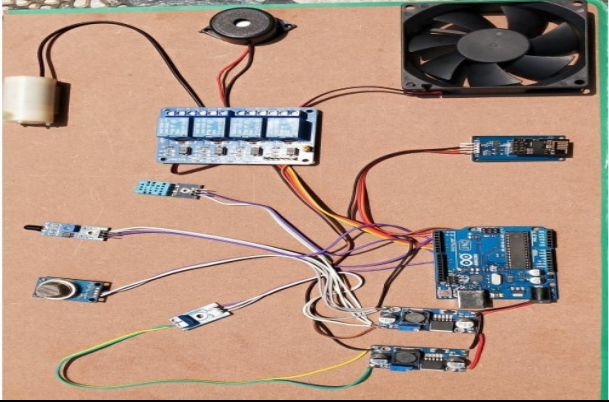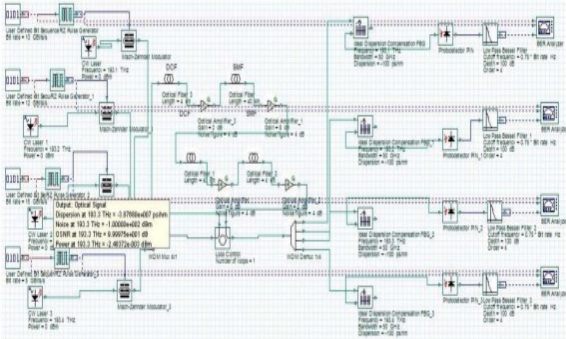
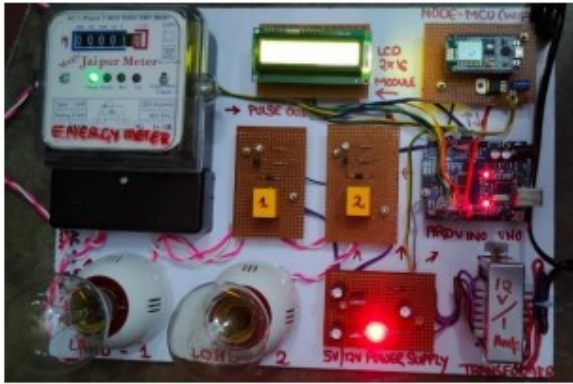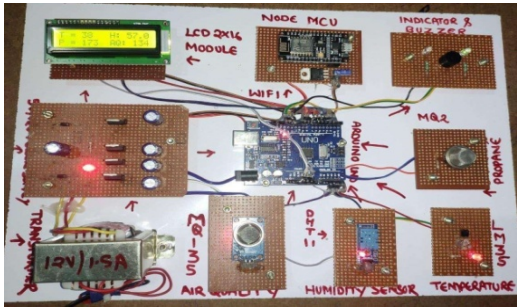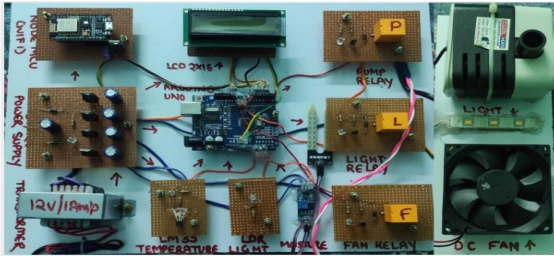**E) Quality of completed projects/working prototypes**
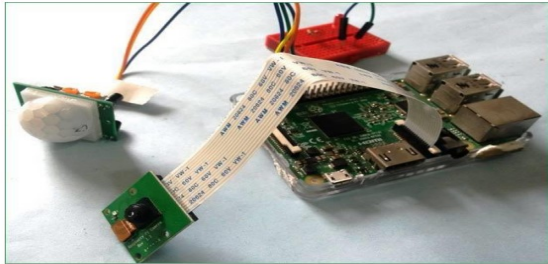
Project guide, Department project coordinator, External examiner will evaluate the quality of the work carried by the project batch.
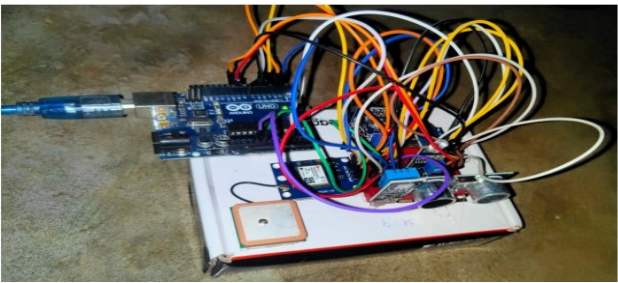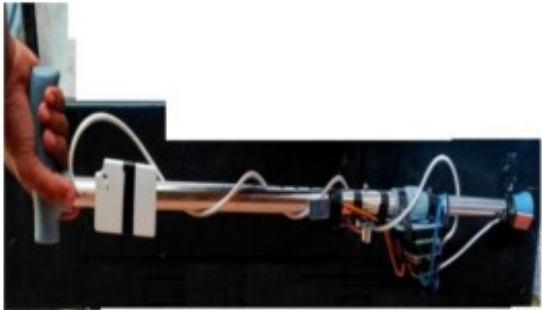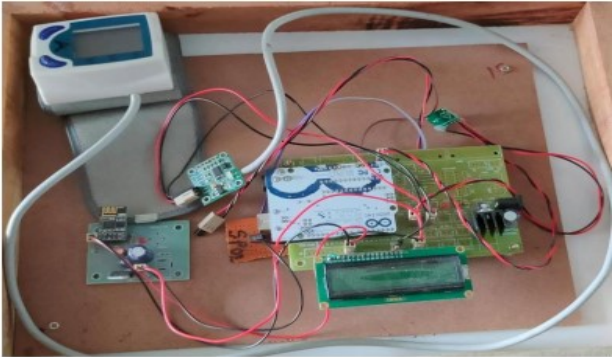
The best projects and working models may be communicated to the local newspapers and showcased as reference to upcoming students for their motivation
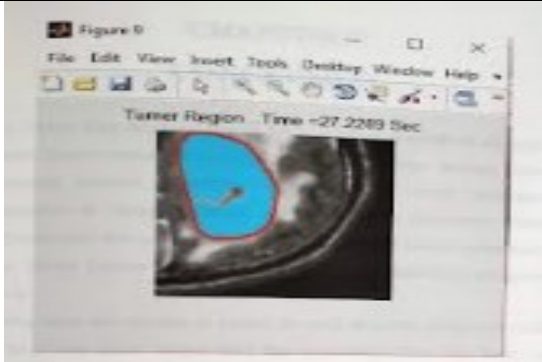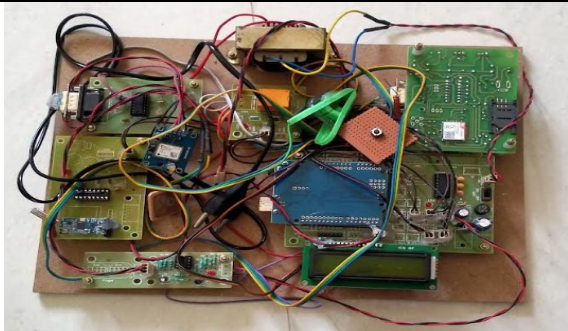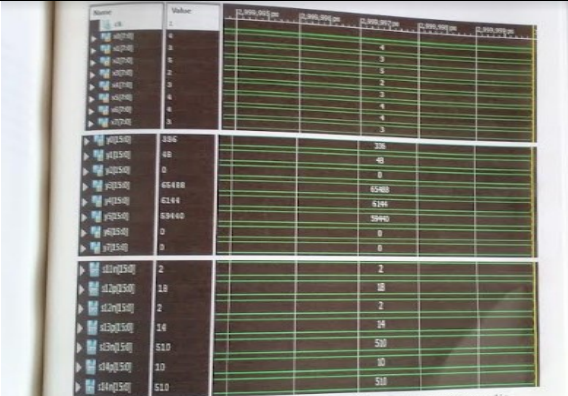
AY: 2021-22

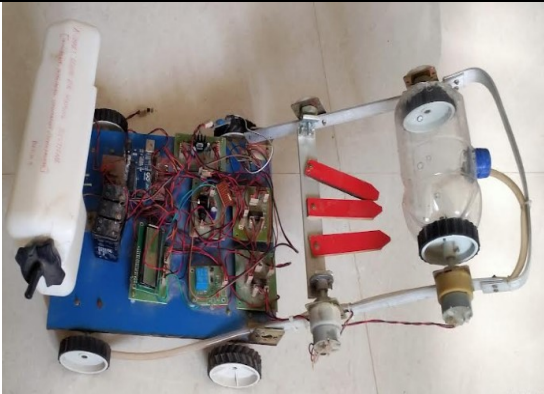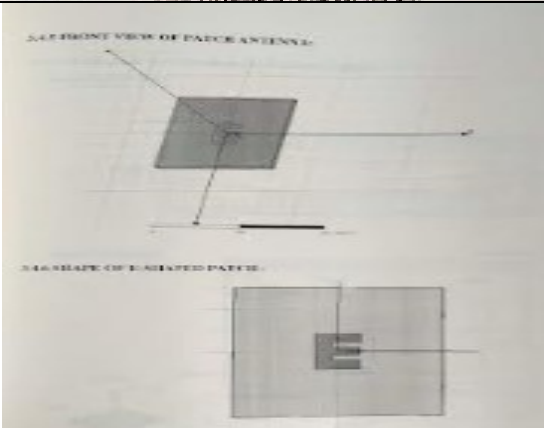| S.No	Title of the Project	User interface Screenshot	Impact of the project
1	Accident Detection System Using GPS & GSM D-11		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam
2	Design of e-bike for sustainable transport with automated tracking D-9		No Publication
3	Automatic Detection Of Plant Leaf Disease Using Deep Learning A-5		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam

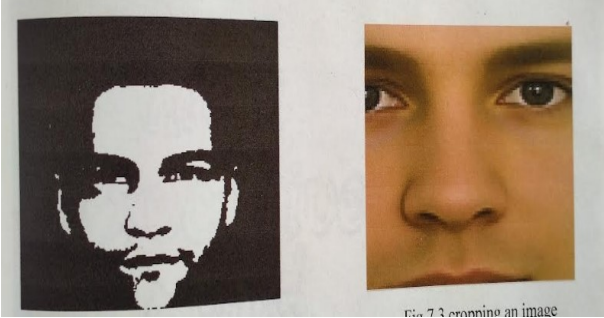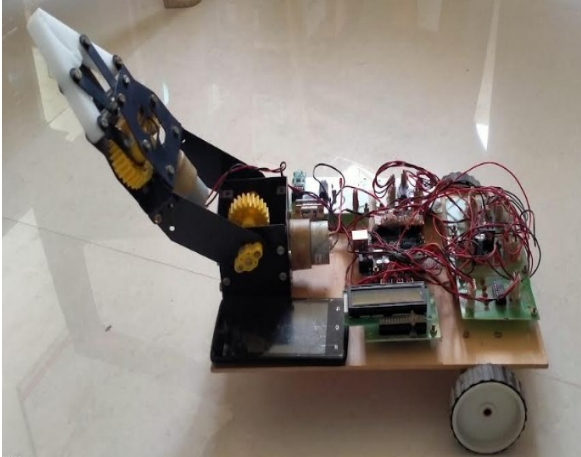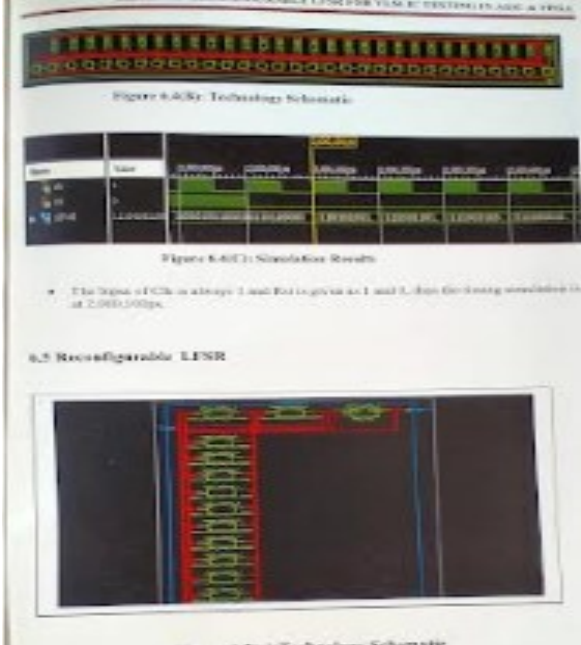|			
4	Iot Based Industrial Parameters Monitoring System A-10		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam
5	Driver Monitoring And Vehicle Controlling Using IOT A-13		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam
6	Pre, Post and Symmetric Compensation techniques in optical communication systems at 5Gbps, 10Gbps and 15Gbps B-2		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam
7	Iot Based Smart Shopping Cart Using Rfid Technology		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam

8	Raspberry Pi Based Intruder Alert System D-12		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam
9	Automated Fluid Level Sensing and Controlling System Using IOT D-15		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam
10	Smart electricity monitoring and control using iot D-17		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam
11	IOT Integration To Cloud Service Aws For Home Security Monitoring D-10		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam
12	Design of an intelligent management system for agricultural greenhouse based on IOT A-3		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam

13	Emergency Rescue System Using Sensor Fusion And Machine Learning Algorithm A-7		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam
14	Ultrasonic Blind Stick Using GPS and GSM Based Tracking System D-4		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam
15	Design of iot devolopment board using arduino and its applications C-9		Published in Conference Proceedings ICIRET Scopus Index 2nd International conference 15 – 16 th July 2022, Vietnam

S.No	Title of the Project	User interface Screenshot
1	Navigation for Blind People	
2	Brain Tumour detection , Demarcation and quantification via MRI	
3	Novel Approach for ambulance using smart intelligent traffic control system	
4	VLSI Architecture of area efficient FFT or IFFT Processor using VEDIC Multiflexing	

5	Solar panel grass cutting robot	
6	Plant Disease detection using K-Means clustering and OTSU threshold algorithm	
7	Design of Broadband E shaped micro-strip patch antenna	
8	Anti Terrorist Robot	

9	Skintone steganography for real time images	 Fig 7.3 cropping an image
10	GPS guided first aid robot car for military applications.	
11	Design of reconfigurable LFSR for VLSI I C testing in ASIC & FPGA	

F) Evidence of Papers published/Awards received by the projects

All the project batches are recommended and encourage publishing paper in any National or International conference/journal of the work carried out by them.

If any papers are published, the project coordinator will file the research papers published.

S.No.	Project Title	Published Paper/Awards Received
1	Cloud enabled small cell architecture for 5g network	International conference on advances in computer engineering and communication technology ICACET -2021
2	A study on Chebyshev filter design by using CSE	International conference on advances in computer engineering and communication technology ICACET -2021
3	Comparative analysis of approximate integer and floating point multifier	International conference on advances in computer engineering and communication technology ICACET -2021
4	Logarithm and Anti Logarithm converter with accurate erro corruction	International conference on advances in computer engineering and communication technology ICACET -2021
5	Detection using satellite images	ICMET 2021 Galgotia college of engineering and Technology Greater Noida U.P. India
6	A comparative study of different IOT sensors	ICMET 2021 Galgotia college of engineering and Technology Greater Noida U.P. India

2.2.4 Initiatives related to industry interaction (15)

Industry Supported Laboratories

With the advent of globalization and opening up of Indian economy to outside world, competition among industries has become stiff. To solve their engineering problems, they look up now to engineering institutions. Similarly, there is an urgent need to prepare engineering students for jobs in multinational companies, by exposing them to upcoming technologies and engineering methodologies.

These objectives can only be achieved well by bridging the gap between industry and the academic institutions. Better interaction between technical institutions and industry is the need of the hour. This will have great bearing on the engineering curriculum, exposure of engineering students to industrial atmosphere and subsequent placement of young graduating engineers in industries across the country. The labs established at Aditya College of Engineering are detailed below:

Skill Development Lab

Skill Development serves the task of providing skilled manpower as part of Government of Andhra Pradesh skill mission. AP government identified 100 institutes among 276 colleges across the state as their knowledge partners. APSSDC have established a Lab at Aditya College of Engineering to provide internships and training to students in the college. This will help in improving students' technical competency, soft skills and thus employability quotient.

Overview of Skill development Lab:

The center has been setup as a step to foster innovation and help instill the startup and research culture in the students as well act as a catalyst of growth by making world class skilled professionals available to key growth sectors for the state and the country. The Lab is equipped with high end configured Acer Laptops in count of **37** laptops provided by APSSDC, and the licenses for the software are provided on Premise. The details of the lab are furnished in Table

Infrastructure of the Skill development Lab	
Capacity of the lab	42 Laptops
No. of Laptops Installed	37 Laptops Configuration: Acer, Processor: Intel ® core (5-7200 U CPU @2.5 GHz RAM: 16 GB, 64 bit Operating system, Windows10 Hardisk: 500GB
License type	On Premise
UPS	Yes

Overview of APSSDC Lab

Objectives of APSSDC Lab:
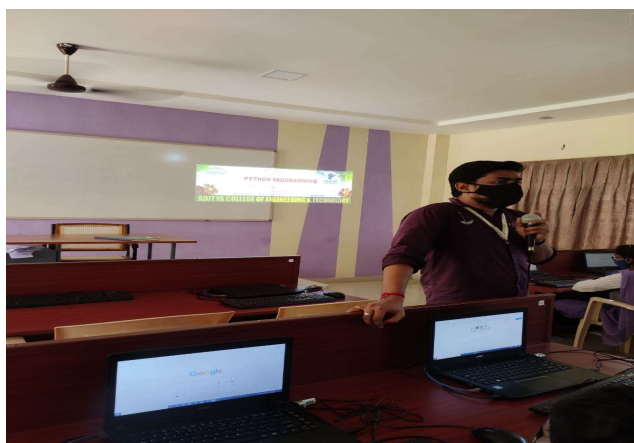
As per the MoU with VIEW, APSSDC lab
will extend the benefits to help the students' in providing training for 1000 students per year at minimal cost and created a platform to organize numerous workshops for students and faculty. The main objectives of the lab are:

- Promoting self-reliance
- Indigenization and technology upgrades
- Improve projects /mini projects developing capabilities of students
- Export the talent in-house at a rapid pace to meet the demands of the industry
- Job assured training (Multi Skill Training Program)

Utilization of APSSDC Lab:

There are eleven certification programs completed so far in APSSDC Lab from the day of its establishment.

The lab utilization details are listed in Table

S.No.	Certification Name	Date	Number of Students attended	Relevance to POs and PSOs
1	Python Programming	19-04-2021 to 03-05 2021	60	PO3, PO5, PSO2
2	AWS cloud computing	13-12-2021 to 18-12-2021	29	PO5, PO9, PO12, PSO1

Effectiveness of APSSDC Lab:
- Students are benefitted with hands on experienced training workshops, projects, Nano Degrees of Udacity and Coursera.
- Training programs provide a great opportunity for students to expand their knowledge base and increase their efficiency and productivity.
- Students use their training to keep up with the latest advancements in technology.
- Training and development can help students to perform better in the campus placements as they become more skilled than before.
- Training can update the technical knowledge of the student.
- Students work independently and require less supervision than before.
- Students can use their knowledge from the training to do projects and help other students.
- Students perform better with greater efficiency than before.
- More confidence is built among students and performed well.

Industry involvement in the program design and partial delivery of any regular courses to students:
1. The Department Advisory Committee (DAC) consults experts from the Industry and Professors from JNTUK and Andhra University to always improve the students in all aspects.
2. In addition, senior engineers from the industry are also consulted for upgrading the students to latest technologies.
3. Workshops, Seminars and Guest Lectures are arranged to improve the student's skills.
4. Involving industry experts in partial delivery of any regular courses to students.

List of Partial Delivery/Seminars/ Guest Lectures/ delivered by Experts AY:2021-22

S.No	Course/Topic Name	Company /Industry	Resource Person	Date	No. of Students attended/Year	Relevance to POs & PSOs
1	Partial Delivery On VLSI Course	QualCom, Bangalore	Mr.Yogesh Jadav Senior Engineer	16/9/2022 to 21/9/2021	3rd year	PO1,PO3,PO9, PSO1
2	Work shop On FPGA implementation for Digital Circuits	ECIL, Hyderabad	Mr G.Murali Senior Engineer	12/11/2021 To 13/11/2021	3rd year	PO1,PO3,PO5, PSO2

List of Partial Delivery/Seminars/ Guest Lectures/Skill delivered by Experts AY:2020-21

S.No	Course/Topic Name	Company /Industry	Resource Person	Date	No. of Students attended/Year	Relevance to POs & PSOs
1	Partial Delivery On VLSI Course	QualCom, Bangalore	Mr.Yogesh Jadav Senior Engineer	16/9/2021 to 21/9/2021	3rd year	PO1,PO3,PO9, PSO1
2	Seminar on "SPACE TECHNOLOGY"	ISRO	Dr. Vara Prasad, Senior Scientist, Retired ISRO	15/08/2020	4th Year	PO9, PO12
3	APSSDC Python	APSSDC	Mr.P Hanuman Kumar, Mr.N.Subbareddy, Mr.Ch.Ramesh	19/04/2021 to 03/05/2021	60	PO3,,PO5,PSO2

List of Partial Delivery/Seminars/ Guest Lectures delivered by Experts AY:2019-20

S. No.	Course/Topic Name	Inistitute /Industry	Resource Person with designation	Date	No. of Students attended/Year	Relevance to POs & PSOs
1	Partial Delivery On VLSI Course	QualCom, Bangalore	Mr.Yogesh Jadav Senior Engineer	12/8/2019 to 17/8/2019	3rd year	PO1,PO3, PO9,PSO1
2	Seminar on "ELECTROMAGNETICS	St.Anns College Of Engineering & Technology	Dr.K.Jagadeesh Babu, St.Anns College Of Engineering & Technology, Chirala	23/11/2019	2nd Year	PO4, PO11
3	Seminar on "Green Wireless Cooperative Communications In 5G"	NIT-AP	Dr.G.Kiran Kumar, NIT, Tadepalligudem	15/02/2020	4th-Year	PO11, PSO2

The feedback from the students regarding the above mentioned training programmes / guest lecturers indicate that there is a significant improvement in the awareness of the students regarding latest technologies

Impact analysis:

- Establishment of Industry-Institute Partnership /interaction Cell.
- Organizing Workshops, conferences and symposia with joint participation of the faculty and the industries with students.
- Encouraging engineers from industry to visit the college to deliver lectures.
- Arranging visits of staff members to various industry.
- Professional consultancy by the faculty to industries.

- Industrial testing by faculty & students at site or in laboratory.
- Joint research program and field studies by faculty and people from industries.
- Visits of faculties to industry and industry executives to institute to emphasis on latest skills awareness towards industry environment.
- Visits of students to industry to understand the strategic impact of technological development.
- Memoranda of Understanding between the institute and industries to bring the two sides emotionally and strategically closer.
- Human resource development programs by the faculty for practicing engineers.
- B.Tech. projects work in industries under joint guidance of the faculty and experts from industry.
- Short-term assignment to students/faculty members in industries.
- Visiting faculty/professors from industries.
- Scholarships/fellowships instituted by industries at the Institute for students.
- Practical training of students in industries.

MOUs were signed with the following industries/Organizations to emphasize on:
1. Industry related real time projects for students.
2. Student's specific training.

S. No.	Organization Name	Purpose of MOU
1	Andhra Pradesh Innovation society	Promoting Startup
2	Novel Patent Service Pvt.Ltd	Promoting IPR Cell, To Develop Research skill
3	Texas instruments	To initiate hardware projects for students
4	Tessolve	Technical Training Program
5	CL Media	Conducting Classes on Research methodology
6	Pearson VUE	Authorized Exam center

Table 2.2.4a

- A number of initiatives aiming at promoting interaction between the department and the industry are taken. With this the students will have exposure to industrial environment and get geared-up for placement in industries
- To promote industry-institute interaction, lectures by experts from industry are arranged
- The students are encouraged to go for industrial visits to enable them to observe the application of the concepts in practice
- The department has the facility to appoint retired professionals from the industry/ academics as adjunct faculty. They handle some part of the course allotted/guide research projects
- Image of Innovation Lab sign board is shown in below figure
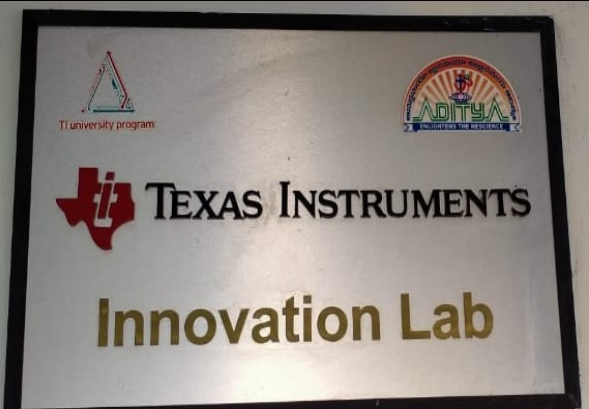
S.No	Lab	Image
1	Innovation Lab – Texas Instruments	

Figure: Innovation Lab photo

2.2.5 Initiatives related to industry internship/summer training (15)

Though the curriculum does not insist on internship/summer training we encourage the students to undergo training/internship during summer holidays to get practical exposure and to get awareness about the industry environment.

The following students have undergone the Industrial In-plant Training i.e. Internship at various industries and organizations

Internships: As sample we have mentioned few students who took internships at different places

Student Internships for the Academic Year: 2021-22

S. No.	Name of the Student	Roll No.	Duration of the programme	Training Industry	Supervisor Name
1	Tattaputikala Viswa Amith	19MH1A04I8	6 months	Tapplent Technologies	Sanjay Raina
2	Bomisetti Meghana	19MH1A04F5	6 months	Hexaware Technologies Limited	Monica Mathur
3	Gudduri Geethanjali	19MH1A04B9	6 months	Hexaware Technologies Limited	Monica Mathur
4	Sheik Sajid	19MH5A0462	2 months	Zelf Studie	Zelf Studie
5	K.Subramanyam	19MH5A0444	6 months	Revature	Revature

6	N.Kranthi Kumar	18MH1A0484	2 months	Zelf Studie	Zelf Studie
7	K.Upendra	18MH1A04C4	2 months	Zelf Studie	Zelf Studie
8	M.SriRamya	19MH1A04H9	6 months	Hexaware Technologies Limited	Monica Mathur
9	B.Sri Durga Chandrika	18MH1A0407	3 months	Wipro	Aparna Shailen
10	P.Sri Adi Lakshmi	18MH1A0438	3 months	Wipro	Aparna Shailen
11	J.Neelima	18MH1A0417	3 months	Wipro	Koushik
12	B.V.V.D.Sainath	18MH1A0455	1 month	DXC Training	ELS Trainings
13	A.Mahesh Raghava	18MH1A0453	4 months	Wipro	Aparna Shailen
14	Ch.SriLakshmi	19MH5A0421	4 months	Wipro	Aparna Shailen
15	Dabbugodla Sujatha	19MH5A0427	4 months	Wipro	Aparna Shailen
16	K.Sravanthi	18MH1A04C3	4 months	Wipro	Aparna Shailen
17	Sunil Kumar	18MH1A04A6	3 months	Unext Learning	Unext
18	P.Ramya	18MH1A0441	6 months	Idoow	V.Mohana Siva
19	G.Vinod	18MH1A0415	4 months	Wipro	Aparna Shailen
20	B.Gopal	18MH1A0403	4 months	Wipro	Aparna Shailen
21	Ch.V.S.Mni Kiran	19MH5A0402	4 months	Wipro	Aparna Shailen
22	P.Raja	18MH1A0435	1 year	Tessolve	Thirumalesh Babu
23	M.Kalyani	18MH1A04D3	3 months	TOLLPLUS	Sanjay Kumar.M

Table- 2.2.5 a

Academic Year 2020-21:

S.No.	Name of the student	Roll No.	Duration of the programme	Training Industry	Supervisor Name
1	B.Charishma	18MH1A0401	Two weeks	AP Paper mill ,Sri ram nagar , Rajamahendravaram	Sandeep Goyal
2	P.Raja	18MH1A0435	Two weeks	Airports authority of India, Gannavaram	Raja kishore
3	K.SriSunil	18MH1A0427	Two weeks	Airports authority of India, Rajamahendravaram	Raja kishore
4	J.Neelima	18MH1A0417	Two weeks	Airports authority of India, Rajamahendravaram	Raja kishore
5.	G.Siva kumar	18MH1A0416	Two weeks	Airports authority of India, Rajamahendravaram	Raja kishore
6	D.Lavanya	18MH1A0413	Two weeks	AP Paper mill ,Sri ram nagar , Rajamahendravaram	Sandeep Goyal
7	K.Gayatri	18MH1A0421	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
8	C.Satwika	18MH1A0411	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
9	B.Venkatasai	18MH1A0405	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
10	B.Gopal	18MH1A0403	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
11	Bathula Swathi	18MH1A0402	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
12	Bhusani Gopal	18MH1A0403	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
13	Kolli Chittibabu	18MH1A0471	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
14	Pabbu Raja	18MH1A0435	Two weeks	AP Paper mill ,Sri ram nagar , Rajamahendravaram	Sandeep Goyal
15	Padala Naga Lakshmi	18MH1A0436	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
16	Yalla Suma	18MH1A0452	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
17	Bodireddy Surendra	18MH1A0404	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
18	Bonam Venkata Sai	18MH1A0405	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
19	Boppana Hema Chandu	18MH1A0406	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
20	Pasala Jaya Lakshmi	18MH1A0488	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
21	Pulagam Srivarshitha	18MH1A0492	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath

22	Yalamati Lavanya	18MH1A04A4	Two weeks	AP Paper mill ,Sri ram nagar , Rajamahendravaram	Sandeep Goyal
23	Obinni Sindhuja	18MH1A0485	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
24	Satti Baba Sai Eswara Reddy	18MH1A0496	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
25	Allaka Bhanu Sowmya	18MH1A04A5	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
26	Alli Sunil Kumar	18MH1A04A6	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
27	Daram Prabhakar Reddy	18MH1A04B1	Two weeks	AP Paper mill ,Sri ram nagar , Rajamahendravaram	Sandeep Goyal
28	Kadari Madhu Varma	18MH1A04B9	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
29	Kandula Swamy	18MH1A04C0	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
30	Krishnasrikanth K	18MH1A04C6	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
31	Kucchu Venkatesh	18MH1A04C7	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
32	Pindi Satish	18MH1A04E0	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath
33	Vutukuru Sri Chandana	18MH1A04F3	Two weeks	BSNL, Rajamahendravaram	V.V.S.Ranganath

Table- 2.2.5 b

Academic Year: 2019-20

S.No.	Name of the student	Roll No.	Duration of the programme	Training Industry	Supervisor Name
1	K.Lalitha	19MH5A0412	16/9/2019 to 28/9/2019	BSNL , Rajamahendravaram	V.V.S.Ranganath
2	A.Vineesha	19MH5A0413	16/9/2019 to 28/9/2019	BSNL , Rajamahendravaram	V.V.S.Ranganath
3	B.Vani	19MH5A0418	16/9/2019 to 28/9/2019	BSNL , Rajamahendravaram	V.V.S.Ranganath
4	C.Rajesh	19MH5A0423	16/9/2019 to 28/9/2019	BSNL , Rajamahendravaram	V.V.S.Ranganath
5.	D.Pottayyya	19MH5A0428	16/9/2019 to 28/9/2019	BSNL , Rajamahendravaram	V.V.S.Ranganath
6	G.Ramakrishna	19MH5A0431	16/9/2019 to 28/9/2019	BSNL , Rajamahendravaram	V.V.S.Ranganath
7	G.Pavankrishna	19MH5A0433	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
8	C.Saibaba	19MH5A0422	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
9	A.Yedukondalu	19MH5A0414	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath

10	C.Srilakshmi	19MH5A0421	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
11	Kakarapalli Lalitha	19MH5A0412	16/9/2019 to 28/9/2019	BSNL , Rajamahendravaram	V.V.S.Ranganath
12	Adapa Vineesha	19MH5A0413	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
13	Akula Yedukondalu	19MH5A0414	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
14	Amjuri Siva Bhanuprasad	19MH5A0415	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
15	Amujuri Narayana	19MH5A0416	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
16	Andiboyina Uma Maheswara Rao	19MH5A0417	16/9/2019 to 28/9/2019	BSNL , Rajamahendravaram	V.V.S.Ranganath
17	Bavisetti Vani	19MH5A0418	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
18	Boddu Janardhana Vamsi	19MH5A0419	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
19	Bonda Sai Krishna Gangadhar	19MH5A0420	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
20	Chappagadda Sri Lakshmi	19MH5A0421	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
21	Cheepurapalli Saibaba	19MH5A0422	16/9/2019 to 28/9/2019	BSNL , Rajamahendravaram	V.V.S.Ranganath
22	Chekka Rajesh	19MH5A0423	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
23	Chinta Venkata Sai Hanumath Krishna Murthy	19MH5A0424	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
24	Chintakrinda Ranjith Kumar	19MH5A0425	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
25	Chintalapudi Teja Satya Srinivas	19MH5A0426	16/9/2019 to 28/9/2019	BSNL, Rajamahendravaram	V.V.S.Ranganath
26	Ande Swamy	16MH5A0475	13/5/2019 to 28/9/2019	ONGC, Rajahmundry	Y.Govinda raju,
27	Lavanya	16MH1A0440	13/5/2019 to 28/9/2019	ONGC, Rajahmundry	Y.Govinda raju
28	Kalyani Lakshmi	16MH1A04A1	13/5/2019 to 28/9/2019	ONGC, Rajahmundry	Y.Govinda raju
29	Sravanthi	16MH5A04B3	13/5/2019 to 28/9/2019	ONGC, Rajahmundry	Y.Govinda raju
30	Naga Havisha	16MH5A04B0	13/5/2019 to 28/9/2019	ONGC, Rajahmundry	Y.Govinda raju
31	Upendra	16MH5A04C5	13/5/2019 to 28/9/2019	ONGC, Rajahmundry	Y.Govinda raju

S.No.	Name of the student	Roll No.	Duration of the programme	Training Industry	Supervisor Name
32	Manikanta	16MH5A04C7	13/5/2019 to 28/9/2019	ONGC, Rajahmundry	Y.Govinda raju
33	Sai Kala	16MH5A04D1	13/5/2019 to 28/9/2019	ONGC, Rajahmundry	Y.Govinda raju
34	Makesh	16MH5A04D9	13/5/2019 to 28/9/2019	ONGC, Rajahmundry	Y.Govinda raju
35	Sai Teja	16MH5A04E7	13/5/2019 to 28/9/2019	ONGC, Rajahmundry	Y.Govinda raju

Table- 2.2.5 c

Academic Year: 2018-19

S.No.	Name of the student	Roll No.	Duration of the programme	Training Industry	Supervisor Name
1	Godavari Sri	16MH1A0424	13/5/2019 to 25/5/2019	ONGC , Rajamahendravaram	Y.Govinda raju,
2	G.Bhaskar	16MH1A0431	13/5/2019 to 25/5/2019	ONGC , Rajamahendravaram	Y.Govinda raju
3	Lavanya	16MH1A0440	13/5/2019 to 25/5/2019	ONGC , Rajamahendravaram	Y.Govinda raju
4	Lakanam Leela	16MH1A0433	13/5/2019 to 25/5/2019	ONGC , Rajamahendravaram	Y.Govinda raju
5	Surya Sainadh	16MH1A0439	13/5/2019 to 25/5/2019	ONGC , Rajamahendravaram	Y.Govinda raju
6	Venkata Shiva	16MH1A0453	13/5/2019 to 25/5/2019	ONGC , Rajamahendravaram	Y.Govinda raju
7	A Swamy	16MH1A0473	13/5/2019 to 25/5/2019	ONGC , Rajamahendravaram	Y.Govinda raju
8	Sravanthi	16MH1A04B3	13/5/2019 to 25/5/2019	ONGC , Rajamahendravaram	Y.Govinda raju
9	Saikala	16MH1A04D1	13/5/2019 to 25/5/2019	ONGC , Rajamahendravaram	Y.Govinda raju
10	Saiteja	16MH1A04E7	13/5/2019 to 25/5/2019	ONGC , Rajamahendravaram	Y.Govinda raju
11	Bhanu Sowmya	16MH1A0424	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal
12	Sunil Kumar	16MH1A0431	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal
13	Sravani	16MH1A0433	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal
14	Chandradurga	16MH1A0439	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal
15	Ramya	16MH1A0440	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal
16	Pavankumar	16MH1A0443	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal
17	Prabhakar Reddy	16MH1A0446	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal
18	Spandana	16MH1A0450	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal

19	Sai Ram	16MH5A0453	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal
20	Arun Kumar	16MH5A0455	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal
21	Sandeep	16MH5A0457	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal
22	Sai Srujana	16MH5A0461	21.05.2018 to 02.06.2018	AP PAPER MILL, Sriramnagar	Sandeep Goyal
23	Kandala Gayathri	16MH5A04C5	15.09.2018 to 27.09.2018	BSNL, Rajahmundry	V.V.S.Ranganath
24	Kannuri Satya Veerateja	16MH5A04C7	15.09.2018 to 27.09.2018	BSNL, Rajahmundry	V.V.S.Ranganath
25	Kilani Gowtham Sai Lokesh	16MH5A04D1	15.09.2018 to 27.09.2018	BSNL, Rajahmundry	V.V.S.Ranganath
26	Kondapalli Naimesha Lekya	16MH5A04D4	15.09.2018 to 27.09.2018	BSNL, Rajahmundry	V.V.S.Ranganath
27	Kondapalli Veera Prudhvi Raja	16MH5A04D8	15.09.2018 to 27.09.2018	BSNL, Rajahmundry	V.V.S.Ranganath
28	Kosuri Venkatasuryasairam	16MH5A04D9	15.09.2018 to 27.09.2018	BSNL, Rajahmundry	V.V.S.Ranganath

Industrial visits:

Assessment of PO & PSO attainment for the current academic year, feedback analysis from alumni and industrial experts helps us to improve the industry interaction process for the students. Every year the students are motivated to undergo industrial/internship training during semester break for a period of at least two weeks to get industrial exposure. The students with the support of the department approach the industries with a request for seeking training. The acknowledgment received by the industry will be forwarded to head of the institute to get permission to undergo training. A report on the work carried out during the tenure will be provided by the students to the department after successful completion of training. Assessment on training is conducted either by a seminar or by viva-voce. The feedback analysis on the training is collected for taking necessary measures to improve the process.

A.   Industrial training/tours for students (3)

Industrial visit is a self interest and important in a career for a pursuing engineering degree students. It is a part of our institute schedule, mostly seen in professional degree courses. The main purpose of industrial visit is to understand the internal working process and ethics for the students practically. The department level of our institution had figured out that the theoretical concept is not sufficient for a professional career, thus industrial visit/training is more important for practical knowledge to the students. This industrial visit/training provides an opportunity to gain the concepts practically via interaction, working process.

The details of various industries visited by our students are discussed below:

1.   HPT, Visakhapatnam
High power transmitter (HPT),Visakhapatnam is an online station from Visakhapatnam (India).

Overview:
The department of Electronics and Communication Engineering, had organized a two day visit to Vishakhapatnam i.e High power transmitter at Simhachalam, and Doppler weather radar station, at kailasgiri,Visakhapatnam on 14th and 15th December 2018 for the 2nd year students Also, students were acco is mpanied with 4 faculty members. The students were taken to the transmitter site which co-sited with Aakasavani FM-102 station and the receiver station located at Kurmannapalem.

Type of Industry:
All India Radio also referred as Akashvani Visakhapatnam is aired at 102MHz. The AIR always carried news updates in regional languages and also connecting with other state-run radio stations.

Planned or Non-Planned Activity:
The visit was preplanned. The entire group of 105 students was divided into 2 batches to achieve higher level of understanding.

Objective:
   • The main aim of the visit is to offer insights to students about the practical application of their theoretical knowledge.
   • To provide unique experience for the students to visualize the practical implementation of amplitude modulation & frequency modulation phenomenon.

To make them to understand various operations happening at recording and editing studios, control rooms and play back studios.

Satish Dhawan Space Centre (SDSC)Overview:
Satish Dhawan Space Centre (SDSC) SHAR, Sriharikota, the Spaceport of India, is responsible for providing Launch Base Infrastructure for the Indian Space Programme. This Centre has the facilities for solid propellant processing, static testing of solid motors, launch vehicle integration and launch operations, range operations comprising telemetry, tracking and command network and mission control centre

The Centre has two launch pads from where the rocket launching operations of PSLV and GSLV are carried out. The mandate for the centre is (i) to produce solid propellant boosters for the launch vehicle programmes of ISRO (ii) to provide the infrastructure for qualifying various subsystems and solid rocket motors and carrying out the necessary tests (iii) to provide launch base infrastructure for satellites and launch vehicles.

SDSC SHAR has a separate launch pad for launching sounding rockets. The centre also provides the necessary launch base infrastructure for sounding rockets of ISRO and for assembly, integration and launch of sounding rockets and payloads.

Academic Year: 2019-2020

S. No.	Targeted Students	Purpose of visit	Duration/ dates	Place of visit
1.	II B. Tech ECE	To have awareness on rocket launching and manufacturing of internal parts	1 day (12-12-2019)	Satish Dhawan Space Center (SDSC),SHAR Sriharikota Nellore District
2.	III B. Tech ECE	To have awareness on rocket launching and manufacturing of internal parts	1 day (14-09-2019)	Satish Dhawan Space Center (SDSC),SHAR Sriharikota Nellore District

Table- 2.2.5 d

Year: 2018-2019

S. No.	Targeted Students	Purpose of visit	Duration/ dates	Place of visit
1.	II B. Tech ECE	To have awareness on rocket launching and manufacturing of internal parts	1 day (14-09-2018)	Satish Dhawan Space Center (SDSC),SHAR Sriharikota Nellore District
2	III B. Tech ECE (120)	To have awareness on broadcasting systems andradar systems	2 days (14-15, December 2018)	1. Prasara Bharathi TV Station, Vizag. 2. Doppler Weather RADAR Station (Cyclone Warning Centre), Kailasagiri, Visakhapatnam

Table- 2.2.5 e

C. Impact Analysis of industrial training
  ➤ Students gain work experience
  ➤ Have an edge in the Job Market
  ➤ Possibility for transition into employment
  ➤ Exposed to industrial environment.

For the last three years, more than 200 students received training from various industries in and around Visakhapatnam, Kakinada and Rajahmundry during semester break. The major industries in which students have undergone training are BSNL, AIRPORT AUTHORITY OF INDIA, ONGC, etc.

- Awareness on recent tools used in industry help them to learn and grab opportunities in various MNC companies.
- Product based projects are implemented by the students.
- Team work, communication skills, soft skills are improved.
- Industry expert interaction helps them to understand the need of applying contextual knowledge to assess societal, health and safety issues.
- The visit to industry helps the student to improve the practical knowledge of the processes and systems.
- Students are motivated towards research based knowledge by improving their degree through higher studies.

Student Feedback on Initiative

The feedback from the students who have visited the industries for internship/ training is collected and analyzed for further improvement in conducting such activities. The feedback collected helps the department to take necessary measures to improve and increase such activities that benefits the successive student batches. The feedback is collected from the students after successful completion of their training. The feedback analysis conveys that the students are able to:

- Demonstrate the process of networking structure, network management and Telecom services provided by BSNL.
- Understand the public service broadcasting process, frequency range and bit rate of transmission at All India Radio Station/ Prasara Bharathi, Visakhapatnam.

3. COURSE OUTCOMES AND PROGRAM OUTCOMES (120)

Total Marks 120.00

3.1.1 Define the Program Specific Outcomes

Establish the correlation between the courses and the Program Outcomes (POs) and Program Specific Outcomes (PSOs) (20)

PSO1	Apply concepts in Electronics & Communication Engineering to design and implement systems in the areas related to Communication, Image processing, VLSI, Antennas and Embedded systems.
PSO2	Demonstrate proficiency in utilization of software and hardware tools related to Electronics & Communication technologies, while acquiring soft skills like persistence, proper judgment through projects and industrial interactions.

Course Outcomes(COs) (SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses and made available as evidence, if asked) (5) Institute Marks: 5

Note: Number of Outcomes for a Course is expected to be around 6.

Course Name :		C2 12	Course Year :	2021-2022

Course Name		Statements
C2	12.1	Understand various number systems, conversation from one radixto another radix
C2	12.2	Solve the boolean functions using K-map and tabular minimization
C2	12.3	Develop simple Combinational Circuits such as Adders, Subtractors, Code Convertors, Decoders, Multiplexers, and Magnitude Comparators etc
C2	12.4	Explain and illustrate the PROM, PAL, PLA and PLD.
C2	12.5	Develop the sequential logic circuits such as flip flops, counters and registers.
C2	12.6	Explain and illustrate finite state machines, Meelay to Moore conversion and vice-versa.

Course Name :		C2 24	Course Year :	2021-2022

Course Name		Statements
C2	24.1	Discuss the concept of systems and control systems and Determine the transfer functions of Mechanical systems
C2	24.2	Calculate the transfer function using block diagram algebra and signal flow graph methods and analyse the transient and steady state performance of the control system
C2	24.3	Evaluate the stability of LTI system using Routh's stability criterion and the root locus method

C2	24.4	Evaluate the stability of LTI system using frequency response methods
C2	24.5	Design lag, lead, lag-lead compensators to improve system performance from bode diagrams
C2	24.6	Determine the state models to solve time invariant state equations and outline the concepts of controllability and observability of control systems

Course Name :		C3 11	Course Year :	2021-2022

Course Name		Statements
C3	11.1	Explain the basic operation and performance parameters of differential amplifiers
C3	11.2	Discuss the internal operation of op amp and its parameters
C3	11.3	Analyze different linear and non-linear applications using op amp
C3	11.4	Analyze active filters using op amp
C3	11.5	Analyze the 555 timers and phase locked loop
C3	11.6	Discuss the concept of different types of D-A & A-D converters

Course Name :		C3 23	Course Year :	2021-2022

Course Name		Statements
C3	23.1	Calculate system output in time domain
C3	23.2	Solve the DFT values by using FFT algorithms
C3	23.3	Evaluate a digital filter(FIR & IIR) from the given specifications
C3	23.4	Simplify different filter realization methods
C3	23.5	Apply multi-rate signal processing to different applications
C3	23.6	Explain about DSP processors

Course Name :		C4 14	Course Year :	2021-2022

Course Name		Statements
C4	14.1	Describe the basic concepts and theory of optical communication
C4	14.2	Explain the signal losses with their computation and dispersion mechanism occurring inside the optical fiber cable
C4	14.3	Classify the various types of Connectors and Joints in Optical Fibers
C4	14.4	Characterize the optical sources used in optical communication with their comparative study.
C4	14.5	Analyze the amount of light lost going through an optical system, dispersion of optical fibers
C4	14.6	Calculate the performance of an optical receiver to get idea about power budget and ultimately be an engineer with adequate knowledge in optical domain

Course Name :	C4 22	Course Year :	2021-2022

Course Name		Statements
C4	22.1	State the functioning of various measuring system and metrics for performance analysis.
C4	22.2	Demonstrate the use of Signal Generators and analyzers
C4	22.3	Illustrate the functions of various oscilloscopes and about Lissajous
C4	22.4	Analyze AC and DC bridges and their balancing conditions, Q-meter and counters
C4	22.5	Classify transducers and working principle of active and passive transducers
C4	22.6	Analyze the function of transducers for the measurement of physical parameters

Course Name :	C2 11	Course Year :	2020-2021

Course Name		Statements
C2	11.1	Outline the basic concepts of semi-conductor physics
C2	11.2	Understand the concept of formation of a p-n junction and the construction of different diodes.
C2	11.3	Analyze the working of rectifiers and filters with relevant expressions.
C2	11.4	Understand the operation and analyze the characteristics of BJT and FET in different configurations.
C2	11.5	Apply proper biasing and stabilization methods to BJT and FET circuits.
C2	11.6	Analyze BJT and FET amplifier circuits using small signal low frequency model.

Course Name :	C2 21	Course Year :	2020-2021

Course Name		Statements
C2	21.1	Analyse small signal high frequency transistor amplifier using BJT and FET
C2	21.2	Compare multistage amplifiers based on the combination of different amplifier configurations.
C2	21.3	Apply the feedback principle and concept
C2	21.4	Make use of baurkhausen criterion to design different types of oscillators.
C2	21.5	Categorize the characteristics of negative feedback amplifier
C2	21.6	Classify power and tuned amplifiers and their analysis with performance comparison

Course Name :	C3 13	Course Year :	2020-2021

Course Name		Statements
C3	13.1	Differentiate the structure of commercially available digital integrated circuit families
C3	13.2	Describe the IEEE Standard 1076 Hardware Description Language (VHDL).
C3	13.3	Model complex digital systems at several levels of abstractions, behavioral, structural, simulation, synthesis and rapid system prototyping.
C3	13.4	Analyze basic digital circuits with combinatorial logic circuits using VHDL.
C3	13.5	Analyze basic digital circuits with sequential logic circuits using VHDL.
C3	13.6	Design Mealy and Moore type FSMs, Synchronous and Asynchronous sequential logic circuits using VHDL.

Course Name :	C3 25	Course Year :	2020-2021

Course Name		Statements
C3	25.1	Identify various sources of bio-electric potentials in man-instrumentation system
C3	25.2	Interpret how electrodes and transducers are involved in biomedical engineering concepts
C3	25.3	Illustrate the anatomy of Cardiovascular and respiratory system and their measuring instruments
C3	25.4	Summarize the functionality of patient care & monitoring equipment used to identify the malfunction of human body.
C3	25.5	Identify the different diagnostic imaging techniques and describe the components in a bio-telemetry system.
C3	25.6	State the importance of monitors, recorders and electrical accident prevention methods.

Course Name :	C4 15	Course Year :	2020-2021

Course Name		Statements
C4	15.1	Illustrate Switching system and crossbar switching
C4	15.2	Determine the digital signal path in time and space between two terminals
C4	15.3	Compare time division switching types
C4	15.4	Choose the traffic capacity of the system
C4	15.5	Predict methods of collecting traffic data
C4	15.6	Choose the method of interconnecting two separate digital switches

Course Name :		C4 21	Course Year :		2020-2021

	Course Name	Statements
C4	21.1	Identify the limitations of conventional mobile phone system and Understand the concepts of cellular systems
C4	21.2	State the different types of interferences influencing cellular and mobile communication
C4	21.3	Demonstrate parameters for mobile propagation over water and flat open area
C4	21.4	Differentiate the different types antennas used at cell site and mobile
C4	21.5	Illustrate the concepts of handoff and types of handoff
C4	21.6	Describe the architectures of GSM and 3G cellular systems

3.1.2 CO-PO matrices of courses selected in 3.1.1(Six matrices to be mentioned; one per semester from 3rd to 8th semester) (5)   Institute Marks: 5.00

Academic Year:2021-22
1. Course Name: C212

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C212.1	3	3	2	2					2			3
C212.2	3	3	2	2					3			3
C212.3	2	3	3	2					2			3
C212.4	2	3	3	2					3			2
C212.5	2	3	3	3					3			3
C212.6	2	2	2	2					3			3
AVERAGE	2.33	2.83	2.5	2.16					2.6			2.83

2. Course Name: C224

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C224.1	2	2	1									
C224.2	2	2	1									
C224.3	2	2	1	1								
C224.4	2	2		1								
C224.5	2	2	2									
C224.6	2	2										
AVERAGE	2	2	1.25	1								

3. Course Name: C311

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C311.1	3	2	1									
C311.2	2	1										
C311.3	2	2	1	1								
C311.4	2	2	1	1								
C311.5	2	2	1	1								
C311.6	2	2	2	1								
AVERAGE	2.16	1.83	1.20	1								

4. Course Name: C323

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C323.1	3	2										
C323.2	3	3	2									
C323.3	3	3	3									
C323.4	3	3										
C323.5	3	2	2									
C323.6	3	2										
AVERAGE	3	2.5	2.33									

5. Course Name: C414

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C414.1	3	3		2								
C414.2	3	3		2								
C414.3	3	3		2								
C414.4	3	2		2								
C414.5	3	3		3								
C414.6	3	3		3								
AVERAGE	3	2.83		2.33								

6. Course Name: C422

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C422.1	3	3										
C422.2	3											
C422.3	3	2		2								
C422.4	3	3	2									
C422.5	3											
C422.6	3		2									
AVERAGE	3	2.6	2	2								

Academic Year: 2020-21
1. Course Name: C211

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C211.1	3	2										
C211.2	3	2		2								
C211.3	2	3		2								
C211.4	2	2		2								
C211.5	3	3		2								
C211.6	3	2		3								
AVERAGE	2.67	2.33		2.2								

2. Course Name: C221

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C221.1	3	3	2		2							
C221.2	2			2								
C221.3	2		2	2								
C221.4	2	2	2									
C221.5	2	2										
C221.6	2	2		2								
AVERAGE	2.17	2.25	2.00	2.00	2.00							

3. Course Name: C313

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C313.1	3		2									
C313.2	2	2										
C313.3	2	2	2									
C313.4	2	3	3									
C313.5		3	3	2								
C313.6		3	3	2								
AVERAGE	2.25	2.60	2.6	2.00								

4. Course Name: C325

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C325.1	3	3										3
C325.2	3	3	2									3
C325.3	2	3	2									2
C325.4	3	3	2									3

COURSE	PO1	PO2	PO3									PO12
C325.5	3	2	2									3
C325.6	3	3	3									3
AVERAGE	2.83	2.83	2.20									2.83

5. Course Name: C415

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C415.1	3	2	2									
C415.2	3	2	3	2								
C415.3	2	3	3									
C415.4	3	2	3		2							
C415.5	2	3	3	3	2							
C415.6	3	3	3	3	3							
AVERAGE	2.67	2.50	2.83	2.67	2.33							

6. Course Name: C421

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C421.1	3	3	3	2								
C421.2	3	3	3	3								
C421.3	3	3	3	2								
C421.4	3	2	2									
C421.5	2	2	2									
C421.6	2	2	2									
AVERAGE	2.67	2.50	2.50	2.33								

Academic Year:2021-22
1. Course Name: C212

COURSE	PSO1	PSO2
C212.1	2	
C212.2	2	
C212.3	3	
C212.4	3	
C212.5	3	
C212.6	3	
AVERAGE	2.66	

2. Course Name: C224

COURSE	PSO1	PSO2
C224.1	-	-
C224.2	2	-
C224.3	-	-
C224.4	-	-
C224.5	3	-
C224.6	-	-
AVERAGE	2.5	-

3. Course Name: C311

COURSE	PSO1	PSO2
C311.1	3	
C311.2	2	
C311.3	3	
C311.4	2	
C311.5	2	
C311.6	2	
AVERAGE	2.33	

4. Course Name: C323

COURSE	PSO1	PSO2
C323.1	2	
C323.2	2	
C323.3	3	
C323.4	2	
C323.5	2	
C323.6	2	
AVERAGE	2.12	

5. Course Name: C414

COURSE	PSO1	PSO2
C414.1	2	
C414.2	2	
C414.3	2	
C414.4	2	
C414.5	2	
C414.6	2	
AVERAGE	2	

6. Course Name: C422

COURSE	PSO1	PSO2
C422.1	2	
C422.2	2	
C422.3	3	
C422.4	2	
C422.5	2	
C422.6	2	
AVERAGE	2.16	

Academic Year:2020-21
1. Course Name: C211

COURSE	PSO1	PSO2
C211.1	2	
C211.2	2	
C211.3	3	
C211.4	2	
C211.5	3	
C211.6	3	
AVERAGE	2.5	

2. Course Name: C221

COURSE	PSO1	PSO2
C221.1	2	3
C221.2		2
C221.3	2	2
C221.4	2	3
C221.5	2	2
C221.6	2	2
AVERAGE	2	2.33

3. Course Name: C313

COURSE	PSO1	PSO2
C313.1	2	
C313.2	2	
C313.3	2	
C313.4	2	
C313.5	3	
C313.6	3	
AVERAGE	2.33	

4. Course Name: C325

COURSE	PSO1	PSO2
C325.1	3	
C325.2	2	
C325.3	3	2
C325.4	2	
C325.5	2	
C325.6	2	
AVERAGE	2.33	2

5. Course Name: C416

COURSE	PSO1	PSO2
C415.1	3	2
C415.2	3	2
C415.3	3	
C415.4	3	
C415.5	2	
C415.6	2	2
AVERAGE	2.67	2

6. Course Name: C421

COURSE	PSO1	PSO2
C421.1	2	3
C421.2	2	3
C421.3	3	3
C421.4	3	3
C421.5		2
C421.6	3	2
AVERAGE	**2.6**	**2.67**

3.1.3 A Program level Course-PO matrix of all courses INCLUDING first year courses (10)

Institute Marks: 10.00

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C111	PO1	PO2	PO3	PO4	PO5	2	PO7	2	PO9	2.66	PO11	2
C112	2.67	2.67	PO3	PO4	PO5	PO6	2.2	PO8	PO9	PO10	PO11	PO12
C113	2.6	PO2	2	PO4	PO5	PO6	2.2	PO8	PO9	PO10	PO11	PO12
C114	2.66	2.33	2.5	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C115	2.16	PO2	2.33	PO4	2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C116	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	2	PO11	PO12
C117	2	2	PO3	2	PO5	PO6	2	PO8	PO9	PO10	PO11	PO12
C118	2.66	2.5	2	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C121	2.33	2.5	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C122	2.66	2.5	2.5	2.5	PO5	2	2	PO8	PO9	PO10	PO11	PO12
C123	2	2.16	1.83	1.5	PO5	PO6	PO7	PO8	1.83	PO10	PO11	2
C124	2.6	2.5	2.25	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C125	3	2.5	1.5	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C126	2.83	PO2	2.33	PO4	PO5	2.5	PO7	PO8	2.16	2.16	PO11	2.83
C127	3	2.6	PO3	PO4	2.5	PO6	PO7	PO8	3	PO10	PO11	PO12
C128	2.83	2	2.2	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C211	2.66	2.33	PO3	2.2	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C212	1.66	1.83	1.6	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C213	2.16	2.33	PO3	PO4	2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C214	2.5	2.5	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.5
C215	1.5	2	2	PO4	1.5	PO6	PO7	PO8	PO9	PO10	PO11	2
C216	PO1	2	2	PO4	2	PO6	PO7	PO8	2	PO10	2.4	PO12
C217	2.5	2.6	2.8	PO4	PO5	PO6	PO7	3	PO9	PO10	PO11	2
C218	3	2.16	PO3	PO4	2.5	PO6	PO7	PO8	2.66	PO10	PO11	2.5

C221	2.83	2.25	2.67	2.33	2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C222	2	2	1.25	1.5	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C223	2.16	2	2	2	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C224	2.4	2.83	2	2	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2
C225	2.6	2.4	1.8	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2
C226	2	2.33	2.16	PO4	PO5	PO6	2	2	2	PO10	2.25	2
C227	2.16	2	2	2	2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C228	3	2.5	3	2.5	3	PO6	PO7	PO8	PO9	PO10	PO11	2
C311	2.5	2	2.6	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2
C312	2.16	2	2	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C313	2.5	2.6	2.8	2	0	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C314	2	2	2	2	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C315	2.16	2.33	2.33	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2
C316	2.6	2.5	2.5	2.3	2.16	PO6	PO7	PO8	3	PO10	PO11	PO12
C317	2.66	2.33	2.66	2.4	PO5	3	PO7	PO8	2.16	2.16	PO11	2.4
C318	3	2	2.8	PO4	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C321	2.6	2.6	2	2	2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C322	PO1	3	2.5	2	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C323	2.67	2.83	2.67	PO4	2	2	PO7	PO8	2	PO10	2	PO12
C324	3	3	3	2.5	2.6	PO6	PO7	PO8	2	PO10	PO11	2
C325	2.67	2.83	2.2	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.83
C326	2.16	2.16	2.5	PO4	2	PO6	PO7	PO8	2.3	2.16	PO11	2
C327	3	2.2	2.25	2	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C328	2.66	2.5	2.66	2.4	PO5	3	PO7	PO8	2	2.16	PO11	2.4
C411	2.33	2.4	2	2	2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C412	2.2	2.2	2.25	2	2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C413	2.16	2.2	2	2	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C414	3	2.83	PO3	2.33	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C415	2.83	2.16	2.0	2.0	2.0	0	PO7	PO8	PO9	PO10	PO11	PO12
C416	1.8	2	1.3	2	2	1.5	2	PO8	PO9	PO10	PO11	1
C417	2.5	2.6	2.3	PO4	PO5	PO6	PO7	PO8	1	PO10	PO11	PO12
C418	3	3	3	2.5	2.6	PO6	PO7	PO8	2	PO10	PO11	PO12
C421	2.83	2.5	2.67	2.33	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C422	2.33	2	2	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C423	2.5	2.33	3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2
C424	2	1.4	2	2	2	2	PO7	2	PO9	PO10	PO11	PO12
C425	3	2	2	2	2	PO6	PO7	PO8	3	2	2	PO12
C426	3	3	3	3	3	PO6	PO7	PO8	3	3	3	PO12

3.1.3 - B Program level Course-PSO matrix of all courses INCLUDING first year courses

Course	PSO1	PSO2
C111	PSO1	2
C112	PSO1	PSO2
C113	PSO1	PSO2
C114	2	PSO2
C115	PSO1	PSO2
C116	PSO1	2
C117	PSO1	PSO2
C118	PSO1	PSO2
C121	PSO1	PSO2
C122	PSO1	2
C123	2	PSO2
C124	2.66	PSO2
C125	2	3
C126	3	PSO2
C127	2	PSO2
C128	1.83	1.66
C211	2.5	PSO2
C212	PSO1	PSO2
C213	2.33	PSO2
C214	2.16	PSO2
C215	PSO1	1.4
C216	PSO1	PSO2
C217	2.5	PSO2
C218	2	3
C221	2	2.33
C222	2.5	PSO2
C223	2.6	PSO2
C224	2.16	PSO2
C225	2.2	PSO2
C226	PSO1	PSO2
C227	2	2.33
C228	3	3
C311	2.6	2
C312	2.33	PSO2
C313	2.5	2
C314	PSO1	2.67
C315	PSO1	2.33

C316	3	2
C317	3	2.4
C318	3	2.5
C321	PSO1	2.2
C322	PSO1	2.2
C323	2.83	2
C324	3	3
C325	2.33	3
C326	2.16	2.16
C327	2.67	2.2
C328	3	2.25
C411	2.33	PSO2
C412	2.2	2
C413	2.16	PSO2
C414	2	PSO2
C415	2.7	2.00
C416	2.5	2
C417	2.1	2.6
C418	3	3
C421	2.6	PSO2
C422	2.16	PSO2
C423	2.16	PSO2
C424	2	PSO2
C425	2	PSO2
C426	3	PSO2

3.2. Attainment of Course Outcomes (50)   Total Marks 50

3.2.1 Describe the assessment processes used to gather the data upon which the evaluation
   of Course Outcome is based **(10)**   **Institute Marks: 10**

1. Assessment for theory courses

After commencement of class work, the Course Coordinator will design the flow of curriculum, lesson plan indicating teaching methods. Slip tests, oral presentations are conducted at regular intervals during 1st hour for 15 marks. Semester-end (external) examination will be conducted by the Affiliating University for 70 marks and internal examination will be 30 marks for all the theory courses. Internal assessment will be conducted as per the guidelines and schedule of JNTUK, Kakinada. Internal examinations are conducted in the fo of Descriptive, Online, and Assignments comprising a total of 30 marks twice in a semester. Out of two internal assessments, as per the regulations of the affiliating university,

80 of best mark and 20% of least mark will be computed and internal assessment marks are finalized.

1.1. Class average mark and percentage of students scored above average mark

All the marks scored by the learners are recorded and taking sum of all marks obtained by the students divided by number of students gives the class average mark and number o students obtained greater than this mark will be considered. Then the percentage of students scored above average mark will computed

1.2. Target and attainment levels of COs for internal assessment

Target is stated in terms of number of students scoring greater than or equal to 16 ($>= 16$) in the internal assessment for a maximum marks of 30. Based on rubrics set for individual course, the attainment level will be calculated.

1.3. Target and attainment levels of COs for external assessment

Target is stated in terms of number of students scoring greater than or equal to 24($>= 24$) in the external exam for a maximum marks of 70. Based on rubrics set for individual course, the attainment levels will be calculated.

1. Calculation of attainments

Attainments for internal examinations will be calculated by taking the question wise attainments for descriptive, online and assignments and average of theses attainments will b considered as CO attainments will be finalized.

Affiliating University declares the result using grade point average, therefore, class average mark will be computed by considering all the succeeded students in the semester-end (external) examination. Based on the class average mark, percentage of students score above class average mark and its attainment will be calculated. Average attainment will be finalized.

As per the regulations prescribed by the affiliating university, 30% weight for internal assessment and 70% weight for external assessment will be taken to calculate the final attainment of that course. If the final attainment is less than the target attainment then the observations/reasons will be analyzed to achieve the target for each course and laboratory.

ADITYA COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

Course Assessment		

Course Name:	DIGITAL IC APPLICATIONS	Academic Year:	2020 – 21
Faculty Name:	Y SUGANDHI NAIDU	Year & Semester:	III Year I Semester
Course Code:	R1631043	Branch & section:	ECE

S. No	ROLL NO	Internal Examination-1									Internal Examination-2									Internal	End Semester grade	Grade points
		1.a	1.b	2.a	2.b	3	Total	Assignment	Quiz	Total	1.a	1.b	2.a	2.b	3	Total	Assignment	Quiz	Total			
	Maximum Marks	5	5	5	5	10	15	5	10	30	5	5	5	5	10	15	5	10	30	30		10
1	18MH1A0401	2.5	2.5	3	5	6	10	5	6	21	5	5	5	5	9	15	5	7	27	26	B	7
2	18MH1A0402	2	2	3	2	4	7	5	3	15	5	5	5	5	9	15	5	4	24	23	C	6
3	18MH1A0403	4	5			5	7	5	5	17	5	5	5	5	9	15	5	6	26	25	C	6
4	18MH1A0404	1		2			2	5	3	10	5	5	4	4	10	14	5	6	25	22	D	5
5	18MH1A0405	2		1	2	4	5	5	4	14	5	4	4	5	8	13	5	4	22	21	C	6
6	18MH1A0406	3		2		1	3	5	2	10	5	4	4	5	9	14	5	2	21	19	F	0
7	18MH1A0407	3	2	3	2	6	8	5	2	15	5	5	5	5	10	15	5	2	22	21	B	7
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
233	17MH1A04C9	A	A	A	A	A	0	5	0	5	A	A	A	A	A	0	5	0	5	5	AB	0
234	17MH1A04E8	A	A	A	A	A	0	5	0	5	5	5	4	5	10	15	5	3	23	20	AB	0
235	17MH1A04C2	A	A	A	A	A	0	5	0	5	4	5	5	5	9	14	5	1	20	17	F	0
236	16MH1A04F3	2	2	0	0	6	5	5	2	12	5	4	5	4	9	14	5	3	22	20	F	0
	Class Average Mark	3.7	3.5	3.4	3.3	5.2	7.9	5.0	3.6	16.4	4.7	4.4	4.8	4.6	9.3	13.2	5.0	4.1	22.3	21.5		4.4
	Student Scored above average mark	135	119	109	98	73	137	236	119	128	181	133	187	142	146	165	236	93	134	139	170	170
	Students attempted the question	226	197	196	183	151	236	236	236	236	221	212	222	208	223	236	236	235	236	236	236	236
	% students scored above average mark	60	60	56	54	48	58	100	50	54	82	63	84	68	65	70	100	40	57	59	72	72
	Attainment level	2	2	2	2	1	2	3	2	2	3	2	3	3	3	3	3	1	2	2	3	3

																			Internal	University Exam	Overall	
	C313.1	2	2					3	2										2.25	3	2.78	
	C313.2			2	2			3	2			3								2.4	3	2.82	

C313.3						3	2			2	3	3					2.6	3	2.88	
C313.4				1								3		3	1	2.33	3	2.80		
C313.5														3	1	3	3	3.00		
C313.6														3	1	3	3	3.00		

Overall Course attainment	2.88
Set target for course attainment	2.06
Status of the course attainment (Yes/No)	Yes

C313.1	Differentiate the structure of commercially available digital integrated circuit families
C313.2	Describe the IEEE Standard 1076 Hardware Description Language (VHDL).
C313.3	Model complex digital systems at several levels of abstractions, behavioral, structural, simulation, synthesis and rapid system prototyping.
C313.4	Analyze basic digital circuits with combinatorial logic circuits using VHDL.
C313.5	Analyze basic digital circuits with sequential logic circuits using VHDL.
C313.6	Design Mealy and Moore type FSMs,Synchronous and Asynchronous sequential logic circuits using VHDL.

Base Target taken for CO:		Class average Mark	
Rubrics:			
>65% students	3		
50 to 65% students	2	Best performing Course Outcome:	C313.6
<50 % students	1	Least performing Course Outcome:	C313.1
Reason for low attainment:	1	Lack of knowledge on VHDL	
	2		
Plan of Action for improvement			
		improve fundamentals of Digital circuits with different families for weak students	
	2		

Attainment for laboratory courses

The schedules for laboratory courses are prepared as per the guidelines of the affiliating university and the prescribed experiments will be carried out. Students will prepare the observations and practical records for the experiments performed by them. Day-to-day evaluation will be recorded and finalized as internal assessment for 25 marks for each laboratory course and end practical examination will be conducted as per the schedule given by the affiliating university for 50 marks. Attainment will be computed by finding the class average mark, percentage of students who succeeded and their attainments.

The attainment calculations for theory course are shown as a sample.

ADITYA COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

Course Assessment

Course Name:	DIGITAL IC APPLICATIONS LAB
Faculty Name:	Y. SUGANDHI NAIDU
Course Code:	R1631048

S.No	ROLL NO	1	2	3	4	5	6	7	8	9	10	11	12	Total	Day to day	Record	Total	End Semester grade	Grade point
	Maximum Marks						10							10	10	5	25	O	10
1	18MH1A0401			9										9	10	5	24	O	10
2	18MH1A0402				9									9	10	5	24	O	10
3	18MH1A0403	8												8	10	5	23	O	10
4	18MH1A0404		8											8	9	4	21	O	10
5	18MH1A0405					8								8	10	4	22	O	10
6	18MH1A0406						8							8	10	5	23	S	9
7	18MH1A0407								8					8	10	5	23	O	10
..	..	..	..	..	..	..	..	…	..	..	..	..	..	..	..	..	..	..	..
234	17MH1A04E8		6											6	9	3	18	A	8
235	17MH1A04C2		6											6	9	3	18	A	8

236	16MH1A04F3	6												6	8	3	17	D	5
Class Average Mark		7.7	8.1	8.6	8.2	8.3	8.6	8.6	8.4	8.2	7.9	8.2	8.2	8.2	9.4	4.4	22.1		9.3
Student Scored above average mark		12	7	12	11	10	11	10	8	7	15	8	8	102	135	135	132	145	145
Students attempted the question		21	19	21	22	24	21	14	22	17	18	19	17	236	236	236	236	236	236
% students scored above average mark		57	37	57	50	42	52	71	36	41	83	42	47	43	57	57	56	61	61.4
Attainment level		2	1	2	2	1	2	3	1	1	3	1	1	1	2	2	2	3	3
																	Internal	University ty Exam	Overall
CO1		2													2	2	2.0	3	2.70
CO2			1												2	2	1.7	3	2.60
CO3				2											2	2	2.0	3	2.70
CO4					2	1	2	3							2	2	2.0	3	2.70
CO5									1	1	3	1			2	2	1.7	3	2.60
CO6													1		2	2	1.7	3	2.60

Overall Course attainment	2.65
Set target for course attainment	2.72
Status of the course attainment (Yes/No)	No

CO1	Discuss about Xilinx Vivado softare & Xilinx hardware.
CO2	Design, develop VHDL Source code and Implement the code for all Logic Gates.
CO3	Design, develop VHDL Source code in all the three modeling systems and Implement the code arithmetic circuits such as adder, subtractor etc.
CO4	Design, develop VHDL Source code and Implement the code for combinational circuits
CO5	Design, develop VHDL Source code and Implement the code for sequential circuits
CO6	Design, develop VHDL Source code and Implement the code for memory circuits.

Base Target taken for CO:		Class average Mark
Rubrics:		
>65% students	3	
50 to 65% students	2	Best performing Course Outcome:
<50 % students	1	Least performing Course Outcome:
Reason for low attainment:	1	Students have to gain more knowledge on Xilinx Software
Plan of Action for improvement		
	1	Practice more examples on different models
	2	Practice more on Xilinx software based examples

2. Project Attainment:

Project plays major role in getting practical exposure to the learnt theoretical concepts. Average marks obtained for each project is used as tool for assessing program outcomes PO attainment is calculated from the projects in following steps

- Projects mapping to POs
- Average marks obtained by the students of project batch

POs related to each project will be submitted to the project coordinator before start of the project work. After getting the results, average marks obtained by each batch are calculated and based on the mapped POs attainment is carried out by taking the average of all the batch marks related that PO.

Project Outcomes are framed as below

Table: Project Outcomes

CO	Description
CO426.1	Identify the problem by applying the acquired knowledge.
CO426.2	Analyze and categorize executable project modules after considering risks.
CO426.3	Choose efficient tools for designing project modules.
CO426.4	Combine all the modules through effective team work after efficient testing.
CO426.5	Elaborate the completed task and compile the project report.
CO426.6	Results of the project

Project assessment is performed using following tools

- a. Internal Assessment
- b. External Assessment

1. Internal Assessment Tools

Project internal assessment is based on the marks obtained by the students in internal reviews conducted by the department. Total 3 reviews are conducted during the semester. This assessment is done considering the average marks obtained by the batch of students.

Initially project allotment and guide selection are done as per the details provided in the project manual. After the assignment of project, PO Mapping will be done and same is shown below.

Table: Project PO Mapping

S. No.	Batch No.	Regd. No.	Name of the Student	% of Marks	Title	POs & PSOs
1	ECE MH202101	17MH1A0482	NUKALABA NTHI SAI PRASANNA	91	FOOT STEP POWER GENERATION SYSTEM BY USING PIEZO ELECTRIC MATERIAL	1,2,3,4,5,6,7,8,9,10,11,12 & 1,2
2		17MH1A0496	ROKKAM GANESH	90		
3		17MH1A0494	R.S.D.S.R.VAMSI	86		
4		17MH1A0477	MASINA BHARATH KUMAR	85		

After the beginning of the project work in the final year, three reviews will be conducted internally within the duration of the project. Marks obtained by the students in those intern reviews are used to assess the project. This assessment is based on the marks obtained in the internal reviews and mapping project outcomes to internal reviews. Mapping of internal reviews with project outcomes is as shown below.

Table: Project outcome mapping with reviews

CO	Review 1	Review 2	Review 3	Overall
CO426.1	√	√	√	√
CO426.2		√	√	√
CO426.3	√		√	√
CO426.4	√	√		√
CO426.5		√	√	√
CO426.6	√		√	√

Initially average percentage marks of the batch of students obtained in each review is calculated as follows

Table: Internal Reviews percentage

S.NO	Regd. No.	Review 1	Review 2	Review 3
1	17MH1A0482	20	20	20
2	17MH1A0496	19	20	20
3	17MH1A0494	19	19	20
4	17MH1A0477	18	19	20
	AVERAGE	19	19.5	20
	%	65	97.5	100

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Based on the mapping of reviews with project outcomes attainment, percentage for each CO is calculated as follows

Table: Internal Attainment

CO	Review 1 (%)	Review 2 (%)	Review 3 (%)	Internal Attainment (%)
CO426.1	95	97.5	100	97.5
CO426.2		97.5	100	98.75
CO426.3	95		100	97.5
CO426.4	95	97.5		96.25
CO426.5		97.5	100	98.75
CO426.6	95		100	97.5

2. External Assessment

External assessment is based on the performance of the students in the final project viva-voce conducted by the external examiner assigned by the University Initially average percentage marks of the batch of students obtained in end examinations is calculated as follows

Table: Project end exam percentage

S.No.	Regd. No.	University Exam
1	17MH1A0482	O
2	17MH1A0496	O
3	17MH1A0494	S
4	17MH1A0477	S
Average		175
% Marks		88%

As the end examination covers all the project outcomes and as the information on outcome wise evaluation is not available, average percentage obtained in above procedure is allotted to all the outcomes.

Table: External Attainment

CO	University Exam
CO426.1	84 %
CO426.2	84 %
CO426.3	84%
CO426.4	85%
CO426.5	89%
CO426.6	88%

Overall Attainment

Overall attainment is calculated by taking weighted average of internal and external assessments. 30% weightage is given for internal assessment and 70% weightage is given for external assessment. More weightage is given for external assessment as it is conducted by the University whereas internal assessment is done within the program.

Table: Overall Attainment

CO	Internal Attainment (%)	External Attainment (%)	Overall Attainment (%)
CO426.1	97.5	88	90.8
CO426.2	98.75	88	91.2
CO426.3	97.5	88	90.8
CO426.4	96.25	88	90.5
CO426.5	98.75	88	91.2

Rubrics for Project Assessment

Based on the final average percentage achieved attainment level is given based on the following rubrics

Table: Rubrics for Project Assessment

S. No.	Level	Description
1	3	If final attainment percentage is more than 90%
2	2	If final attainment percentage is between 85% and 90%
3	1	If final attainment percentage is less than 85%

Level of Attainment

Table: Project Attainment Levels

CO	Overall Attainment (%)	Level of Attainment
CO426.1	90.8	3
CO426.2	91.2	3
CO426.3	90.8	3
CO426.4	90.5	3
CO426.5	91.2	3
CO426.6	90.8	3

3. Overall Performance of students in projects

Projects plays major role in getting practical exposure to the learnt theoretical concepts. Average marks obtained for each project is used as tool for assessing program outcome PO attainment is calculated from the projects in following steps

- Project mapping to POs
- Average marks obtained by the students of a project batch

POs related to each project will be submitted to the project coordinator before start of the project work. After getting the results, average marks obtained by each batch are calculated and based on the mapped POs, attainment is calculated by taking the average batch marks related to that PO.

Project Assessment Sheet

<table>
<tr><td colspan="16">**ADITYA COLLEGE OF ENGINEERING**</td></tr>
<tr><td colspan="16">Department of Electronics and Communication Engineering</td></tr>
<tr><td colspan="16">**PO Attainment (from Course)**</td></tr>
<tr><td colspan="16"></td></tr>
<tr><td colspan="2">**CLASS**</td><td colspan="9">IV B.TECH I-SEM ECE</td><td colspan="2">**AY**</td><td colspan="3">2020-21</td></tr>
<tr><td colspan="2">**NAME OF THE COURSE & CODE**</td><td colspan="5">PROECT WORK42046</td><td colspan="2">**NAME OF THE FACULTY**</td><td colspan="7">G.VEERAPANDU</td></tr>
<tr><td colspan="16">**CO-PO MAPPING**:</td></tr>
<tr><td>**CO**</td><td>PO1</td><td>PO2</td><td>PO3</td><td>PO4</td><td>PO5</td><td>PO6</td><td>PO7</td><td>PO8</td><td>PO9</td><td>PO10</td><td>PO11</td><td>PO12</td><td>PSO1</td><td>PSO2</td></tr>
<tr><td>**CO1**</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td></td><td></td><td></td><td>3</td><td>3</td><td>3</td><td></td><td>3</td><td></td></tr>
<tr><td>**CO2**</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td></td><td></td><td></td><td>3</td><td>3</td><td>3</td><td></td><td>3</td><td></td></tr>
<tr><td>**CO3**</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td></td><td></td><td></td><td>3</td><td>3</td><td>3</td><td></td><td>3</td><td></td></tr>
<tr><td>**CO4**</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td></td><td></td><td></td><td>3</td><td>3</td><td>3</td><td></td><td>3</td><td></td></tr>
<tr><td>**CO5**</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td></td><td></td><td></td><td>3</td><td>3</td><td>3</td><td></td><td>3</td><td></td></tr>
<tr><td>**CO6**</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td></td><td></td><td></td><td>3</td><td>3</td><td>3</td><td></td><td>3</td><td></td></tr>
<tr><td>**Average**</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td></td><td></td><td></td><td>3</td><td>3</td><td>3</td><td></td><td>3</td><td></td></tr>
</table>

<table>
<tr><td colspan="3">**CO ATTAINMENT**</td></tr>
<tr><td>**CO**</td><td>Attainment</td><td></td></tr>
<tr><td>**CO1**</td><td>3.00</td><td></td></tr>
<tr><td>**CO2**</td><td>3.00</td><td></td></tr>
<tr><td>**CO3**</td><td>2.40</td><td></td></tr>
<tr><td>**CO4**</td><td>2.40</td><td></td></tr>
<tr><td>**CO5**</td><td>3.00</td><td></td></tr>
<tr><td>**CO6**</td><td>3.00</td><td></td></tr>
</table>

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Overall PO Attainment	2.8	2.8	2.8	2.8	2.8				2.8	2.8	2.8		2.8	

Record the attainment of Course Outcome of all courses with respect to set attainment levels (40)

ADITYA COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

CO Attainments

(A.Y. 2020-2021)

S. NO	Course Code	Course Name	Section	CO1	CO2	CO3	CO4	CO5	CO6	Direct Attainment	80% Direct Attainment	Indirect Attainment	20% Indirect Attainment	Overall Attainment	TARGET	STATUS
1	C211	ELECTRONIC DEVICES AND CIRCUITS	A	1.5	1.31	1.5	1.42	1.33	1.42	1.41	1.13	2.58	0.52	1.65	2.47	NOT ATTAINED
2	C211	ELECTRONIC DEVICES AND CIRCUITS	B	1.38	1.19	1.25	1.33	1.25	1.25	1.28	1.02	2.48	0.50	1.52	2.47	NOT ATTAINED
3	C211	ELECTRONIC DEVICES AND CIRCUITS	C	2.25	2.17	2.17	2	2	2.08	2.11	1.69	2.58	0.52	2.21	2.47	NOT ATTAINED
4	C211	ELECTRONIC DEVICES AND CIRCUITS	D	1.33	1.17	1.17	1.17	1.25	1.25	1.22	0.98	2.60	0.52	1.50	2.47	NOT ATTAINED
5	C212	SWITCHING THEORY AND LOGIC DESIGN	A	2.25	2.19	2.17	2.17	2.08	2.08	2.16	1.73	2.59	0.52	2.24	1.70	ATTAINED
6	C212	SWITCHING THEORY AND LOGIC DESIGN	B	2	1.94	2.08	2.08	2.17	2.17	2.07	1.66	2.62	0.52	2.18	1.70	ATTAINED
7	C212	SWITCHING THEORY AND LOGIC DESIGN	C	2.17	2.06	2.08	2.08	2.08	2	2.08	1.66	2.68	0.54	2.20	1.70	ATTAINED
8	C212	SWITCHING THEORY AND LOGIC DESIGN	D	2.67	2.75	2.67	2.75	2.75	2.67	2.71	2.17	2.69	0.54	2.71	1.70	ATTAINED
9	C213	SIGNALS AND SYSTEMS	A	2.83	2.69	2.75	2.83	2.90	2.83	2.81	2.25	2.69	0.54	2.78	2.21	ATTAINED
10	C213	SIGNALS AND SYSTEMS	B	2.83	2.80	2.75	2.83	2.90	2.83	2.83	2.26	2.69	0.54	2.80	2.21	ATTAINED
11	C213	SIGNALS AND SYSTEMS	C	2.75	2.69	2.75	3.00	3.00	3.00	2.86	2.29	2.69	0.54	2.83	2.21	ATTAINED
12	C213	SIGNALS AND SYSTEMS	D	1.92	2.00	2.00	2.08	2.13	2.00	2.02	1.62	2.69	0.54	2.15	2.21	NOT ATTAINED

#	Code	Subject	Sec													Status
13	C214	RANDOM VARIABLES AND STOCHASTIC PROCESSES	A	2.65	2.56	2.65	2.83	2.83	2.77	2.71	2.17	2.69	0.54	2.71	2.42	ATTAINED
14	C214	RANDOM VARIABLES AND STOCHASTIC PROCESSES	B	2.65	2.56	2.65	2.91	2.82	2.77	2.73	2.18	2.69	0.54	2.72	2.42	ATTAINED
15	C214	RANDOM VARIABLES AND STOCHASTIC PROCESSES	C	2.65	2.74	2.72	2.74	2.88	2.88	2.77	2.21	2.69	0.54	2.75	2.42	ATTAINED
16	C214	RANDOM VARIABLES AND STOCHASTIC PROCESSES	D	2.73	2.73	2.72	2.73	2.65	2.76	2.72	2.18	2.69	0.54	2.72	2.42	ATTAINED
17	C215	OOPS THROUGH JAVA	A	1.17	1.17	1.17	1.25	1.33	1.25	1.22	0.98	2.69	0.54	1.52	1.73	NOT ATTAINED
18	C215	OOPS THROUGH JAVA	B	1.17	1.25	1.17	1.33	1.33	1.25	1.25	1.00	2.69	0.54	1.54	1.73	NOT ATTAINED
19	C215	OOPS THROUGH JAVA	C	1.92	2.00	1.92	2.00	2.08	1.92	1.97	1.58	2.69	0.54	2.12	1.73	ATTAINED
20	C215	OOPS THROUGH JAVA	D	1.92	2.00	1.92	2.00	1.92	1.92	1.94	1.56	2.69	0.54	2.09	1.73	ATTAINED
21	C216	MANAGERIAL ECONOMUCS AND FINANCIAL ANALYSIS	A	2.92	2.92	3.00	2.75	2.75	2.92	2.88	2.30	2.69	0.54	2.84	2.08	ATTAINED
22	C216	MANAGERIAL ECONOMUCS AND FINANCIAL ANALYSIS	B	2.75	2.83	2.83	2.75	2.75	2.83	2.79	2.23	2.69	0.54	2.77	2.08	ATTAINED
23	C216	MANAGERIAL ECONOMUCS AND FINANCIAL ANALYSIS	C	2.92	2.92	2.83	2.75	2.83	2.83	2.85	2.28	2.69	0.54	2.82	2.08	ATTAINED
24	C216	MANAGERIAL ECONOMUCS AND FINANCIAL ANALYSIS	D	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.07	2.69	0.54	1.60	2.08	NOT ATTAINED
25	C217	ELECTRONIC DEVICES AND CIRCUITS LAB	A	2.17	1.94	2.00	2.06	2.19	2.06	2.07	1.66	2.69	0.54	2.19	2.57	NOT ATTAINED
26	C217	ELECTRONIC DEVICES AND CIRCUITS LAB	B	2.75	2.75	2.81	2.75	2.83	2.75	2.77	2.22	2.69	0.54	2.76	2.57	ATTAINED
27	C217	ELECTRONIC DEVICES AND CIRCUITS LAB	C	3.00	2.81	3.00	2.94	3.00	3.00	2.96	2.37	2.69	0.54	2.90	2.57	ATTAINED
28	C217	ELECTRONIC DEVICES AND CIRCUITS LAB	D	2.83	2.94	3.00	2.81	2.83	2.94	2.89	2.31	2.69	0.54	2.85	2.57	ATTAINED
29	C218	SWITCHING THEORY AND LOGIC DESIGN LAB	A	3.00	2.90	3.00	2.76	3.00	3.00	2.94	2.35	2.69	0.54	2.89	2.55	ATTAINED

Sno	Code	Name	Sec													Status
30	C218	SWITCHING THEORY AND LOGIC DESIGN LAB	B	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.40	2.69	0.54	2.94	2.55	ATTAINED
31	C218	SWITCHING THEORY AND LOGIC DESIGN LAB	C	3.00	2.90	3.00	2.76	3.00	3.00	2.94	2.35	2.69	0.54	2.89	2.55	ATTAINED
32	C218	SWITCHING THEORY AND LOGIC DESIGN LAB	D	3.00	2.80	3.00	2.76	3.00	3.00	2.93	2.34	2.69	0.54	2.88	2.55	ATTAINED
33	C221	ELECTRONIC CIRCUIT ANALYSIS	A	2.30	2.10	2.30	2.10	2.20	2.10	2.10	1.70	2.69	0.50	2.20	2.34	ATTAINED
33	C221	ELECTRONIC CIRCUIT ANALYSIS	B	2.3	2.2	2.3	2.3	2.3	2.1	2.2	1.8	2.69	0.5	2.3	2.34	ATTAINED
34	C221	ELECTRONIC CIRCUIT ANALYSIS	C	2.17	2.13	2.08	2.08	2.17	2.08	2.12	1.7	2.69	0.5	2.2	2.34	ATTAINED
35	C221	ELECTRONIC CIRCUIT ANALYSIS	D	2.17	2.13	2.25	2.17	2.25	2.25	2.20	1.8	2.69	0.5	2.3	2.34	ATTAINED
36	C222	LINEAR CONTROL SYSTEMS	A	2.14	2.30	2.30	1.87	2.30	2.30	2.20	1.8	2.69	0.5	2.3	1.85	ATTAINED
37	C222	LINEAR CONTROL SYSTEMS	B	2.14	1.98	1.65	1.65	1.98	2.14	1.92	1.5	2.69	0.5	2.1	1.85	ATTAINED
38	C222	LINEAR CONTROL SYSTEMS	C	2.16	2.00	2.00	2.00	2.00	2.33	2.08	1.7	2.69	0.5	2.2	1.85	ATTAINED
39	C222	LINEAR CONTROL SYSTEMS	D	2.30	2.30	2.14	2.30	2.30	2.30	2.27	1.8	2.69	0.5	2.4	1.85	ATTAINED
40	C222	ELECTROMAGNETIC WAVES AND TRANSMISSION LINE	A	2.25	2.19	2.25	2.08	2.08	2.08	2.16	1.7	2.69	0.5	2.3	2.15	ATTAINED
41	C222	ELECTROMAGNETIC WAVES AND TRANSMISSION LINES	B	3	2.88	2.95	2.92	2.92	2.92	2.93	2.3	2.69	0.5	2.9	2.15	ATTAINED
42	C222	ELECTROMAGNETIC WAVES AND TRANSMISSION LINES	C	2.88	2.88	2.95	3	3	3	2.95	2.4	2.69	0.5	2.9	2.15	ATTAINED
43	C222	ELECTROMAGNETIC WAVES AND TRANSMISSION LINES	D	2.94	2.94	2.95	3	3	3	2.97	2.4	2.69	0.5	2.9	2.15	ATTAINED
44	C224	ANALOG COMMUNICATION	A	2.9	2.9	3.0	3.0	2.9	2.9	2.9	2.4	2.69	0.5	2.9	2.2	ATTAINED
45	C224	ANALOG COMMUNICATION	B	2.8	2.8	2.9	2.6	2.8	2.8	2.8	2.2	2.69	0.5	2.8	2.2	ATTAINED
46	C224	ANALOG COMMUNICATION	C	2.9	2.9	2.9	2.8	2.9	2.8	2.9	2.3	2.69	0.5	2.8	2.2	ATTAINED
47	C224	ANALOG COMMUNICATION	D	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.1	2.69	0.5	1.6	2.2	NOT ATTAINED
48	C225	COMPUTER ARCHITECTURE AND ORGANIZATION	A	1.50	1.31	1.21	1.33	1.50	1.33	1.36	1.1	2.69	0.5	1.6	2.20	NOT ATTAINED

#	Code	Course Name	Sec													Status
49	C225	COMPUTER ARCHITECTURE AND ORGANIZATION	B	2.00	2.06	2.06	2.00	2.08	2.00	2.03	1.6	2.69	0.5	2.2	2.20	ATTAINED
50	C225	COMPUTER ARCHITECTURE AND ORGANIZATION	C	2.94	2.75	2.88	2.75	2.83	2.81	2.83	2.3	2.69	0.5	2.8	2.20	ATTAINED
51	C225	COMPUTER ARCHITECTURE AND ORGANIZATION	D	1.50	1.31	1.21	1.33	1.50	1.33	1.36	1.1	2.69	0.5	1.6	2.20	NOT ATTAINED
52	C226	MANAGEMENT AND ORGANIZATION BEHAVIOUR	A	2.17	2.17	2.25	2.08	2.17	2.17	2.17	1.7	2.69	0.5	2.3	2.09	ATTAINED
53	C226	MANAGEMENT AND ORGANIZATION BEHAVIOUR	B	2.17	2.25	2.17	2.17	2.08	2.17	2.17	1.7	2.69	0.5	2.3	2.09	ATTAINED
54	C226	MANAGEMENT AND ORGANIZATION BEHAVIOUR	C	2.67	2.75	2.75	2.83	2.83	2.83	2.78	2.2	2.69	0.5	2.8	2.09	ATTAINED
55	C226	MANAGEMENT AND ORGANIZATION BEHAVIOUR	D	1.33	1.33	1.25	1.42	1.42	1.42	1.36	1.1	2.69	0.5	1.6	2.09	NOT ATTAINED
56	C227	ELECTRONIC CIRCUIT ANALYSIS LAB	A	2.91	2.83	2.65	2.88	2.65	2.65	2.82	2.3	2.69	0.5	2.8	2.07	ATTAINED
57	C227	ELECTRONIC CIRCUIT ANALYSIS LAB	B	3.00	2.88	3.00	3.00	3.00	2.65	2.97	2.4	2.69	0.5	2.9	2.07	ATTAINED
58	C227	ELECTRONIC CIRCUIT ANALYSIS LAB	C	2.86	2.83	3.00	3.00	3.00	2.65	2.92	2.3	2.69	0.5	2.9	2.07	ATTAINED
59	C227	ELECTRONIC CIRCUIT ANALYSIS LAB	D	2.72	2.71	2.88	2.65	3.00	2.65	2.74	2.2	2.69	0.5	2.7	2.07	ATTAINED
60	C228	ANALOG COMMUNICATION LAB	A	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.4	2.69	0.5	2.9	2.75	ATTAINED
61	C228	ANALOG COMMUNICATION LAB	B	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.4	2.69	0.5	2.9	2.75	ATTAINED
62	C228	ANALOG COMMUNICATION LAB	C	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.4	2.69	0.5	2.9	2.75	ATTAINED
63	C228	ANALOG COMMUNICATION LAB	D	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.4	2.69	0.5	2.9	2.75	ATTAINED
64	C311	COMPUTER ARCHITECTURE AND ORGANIZATION	A	2.85	2.70	2.75	2.80	2.80	2.70	2.77	2.21	2.69	0.54	2.75	2.28	ATTAINED
65	C311	COMPUTER ARCHITECTURE AND ORGANIZATION	B	2.85	2.70	2.75	2.80	2.80	2.70	2.77	2.21	2.69	0.54	2.75	2.28	ATTAINED

66	C311	COMPUTER ARCHITECTURE AND ORGANIZATION	C	2.85	2.70	2.70	2.70	2.60	2.70	2.71	2.17	2.69	0.54	2.70	2.28	ATTAI NED
67	C311	COMPUTER ARCHITECTURE AND ORGANIZATION	D	2.85	2.70	2.70	2.70	2.60	2.70	2.71	2.17	2.69	0.54	2.70	2.28	ATTAI NED
68	C312	LINEAR INTEGRATED IC APPLICATIONS	A	2.8	2.8	2.93	2.7	2.7	2.7	2.77	2.22	2.69	0.54	2.75	2.12	ATTAI NED
69	C312	LINEAR INTEGRATED IC APPLICATIONS	B	2.8	2.7	2.78	2.88	2.7	2.7	2.76	2.21	2.69	0.54	2.75	2.12	ATTAI NED
70	C312	LINEAR INTEGRATED IC APPLICATIONS	C	2.7	2.7	2.85	2.7	2.85	2.85	2.78	2.22	2.69	0.54	2.76	2.12	ATTAI NED
71	C312	LINEAR INTEGRATED IC APPLICATIONS	D	2	2	2	2.15	2.08	2.15	2.06	1.65	2.69	0.54	2.19	2.12	ATTAI NED
72	C313	DIGITAL INTEGRATED IC APPLICATION	A	2.63	2.76	2.88	2.8	3	3	2.85	2.28	2.69	0.54	2.81	2.06	ATTAI NED
73	C313	DIGITAL INTEGRATED IC APPLICATION	B	2.93	2.88	2.94	2.9	3	3	2.94	2.35	2.69	0.54	2.89	2.06	ATTAI NED
74	C313	DIGITAL INTEGRATED IC APPLICATION	C	2.85	2.94	2.94	2.9	3	3	2.94	2.35	2.69	0.54	2.89	2.06	ATTAI NED
75	C313	DIGITAL INTEGRATED IC APPLICATION	D	1.93	2	2	2.1	2.3	2.3	2.10	1.68	2.69	0.54	2.22	2.06	ATTAI NED
76	C314	DIGITAL COMMUNICATION	A	2.80	2.85	2.80	2.90	2.90	2.90	2.86	2.29	2.69	0.54	2.82	2.13	ATTAI NED
77	C314	DIGITAL COMMUNICATION	B	3.00	2.93	2.90	2.80	2.80	2.80	2.87	2.30	2.69	0.54	2.83	2.13	ATTAI NED
78	C314	DIGITAL COMMUNICATION	C	2.80	2.70	2.70	2.90	2.90	2.70	2.78	2.23	2.69	0.54	2.76	2.13	ATTAI NED
79	C314	DIGITAL COMMUNICATION	D	2.70	2.93	2.70	2.90	2.90	2.90	2.84	2.27	2.69	0.54	2.81	2.13	ATTAI NED
80	C315	ANTENNA WAVE PROPAGATION	A	2.85	2.90	2.78	2.85	2.85	2.78	2.83	2.27	2.69	0.54	2.80	2.23	ATTAI NED
81	C315	ANTENNA WAVE PROPAGATION	B	2.58	2.70	2.63	2.70	2.70	2.70	2.67	2.13	2.69	0.54	2.67	2.23	ATTAI NED
82	C315	ANTENNA WAVE PROPAGATION	C	2.76	2.80	2.78	2.93	2.85	2.93	2.84	2.27	2.69	0.54	2.81	2.23	ATTAI NED
83	C315	ANTENNA WAVE PROPAGATION	D	2.70	2.70	2.85	2.78	2.85	2.78	2.78	2.22	2.69	0.54	2.76	2.23	ATTAI NED
84	C316	PULSE AND DIGITAL CIRCUITS LAB	A	2.58	2.53	2.53	2.48	2.53	2.74	2.57	2.05	2.69	0.54	2.59	2.51	ATTAI NED
85	C316	PULSE AND DIGITAL CIRCUITS LAB	B	3.00	3.00	2.83	3.00	3.00	3.00	2.97	2.38	2.69	0.54	2.91	2.51	ATTAI NED
86	C316	PULSE AND DIGITAL CIRCUITS LAB	C	2.79	2.88	2.83	2.65	2.83	2.88	2.81	2.25	2.69	0.54	2.79	2.51	ATTAI NED
87	C316	PULSE AND DIGITAL CIRCUITS LAB	D	2.65	2.65	2.56	2.77	2.65	2.77	2.67	2.14	2.69	0.54	2.68	2.51	ATTAI NED

88	C317	LINEAR INTEGRATED IC APPLICATIONS LAB	A	2.77	2.88	2.65	2.79	2.77	2.77	2.77	2.22	2.69	0.54	2.75	2.52	ATTAINED
89	C317	LINEAR INTEGRATED IC APPLICATIONS LAB	B	2.77	3.00	2.83	2.79	2.88	3.00	2.88	2.30	2.69	0.54	2.84	2.52	ATTAINED
90	C317	LINEAR INTEGRATED IC APPLICATIONS LAB	C	3.00	2.88	2.83	3.00	3.00	3.00	2.95	2.36	2.69	0.54	2.90	2.52	ATTAINED
91	C317	LINEAR INTEGRATED IC APPLICATIONS LAB	D	2.65	2.88	2.83	2.65	2.88	2.65	2.76	2.21	2.69	0.54	2.74	2.52	ATTAINED
93	2.72	DIGITAL INTEGRATED IC APPLICATIONS LAB	A	3	3	3	3	3	3	3.00	2.40	2.69	0.54	2.94	2.72	ATTAINED
94	C318	DIGITAL INTEGRATED IC APPLICATIONS LAB	B	3	3	3	3	3	3	3.00	2.40	2.69	0.54	2.94	2.72	ATTAINED
95	C318	DIGITAL INTEGRATED IC APPLICATIONS LAB	C	2.9	2.9	3	2.95	2.9	2.9	2.93	2.34	2.69	0.54	2.88	2.72	ATTAINED
96	C318	DIGITAL INTEGRATED IC APPLICATIONS LAB	D	3.00	2.88	3.00	2.94	2.88	3.00	2.95	2.36	2.69	0.54	2.90	2.72	ATTAINED
97	C321	MICROPROCESSOR AND MICROCONTROLLER	A	2.9	2.9	3	2.9	2.9	2.9	2.9	2.3	2.7	0.5	2.9	2.2	ATTAINED
98	C321	MICROPROCESSOR AND MICROCONTROLLER	B	2.9	2.9	3	2.9	3	3	3.0	2.4	2.7	0.5	2.9	2.2	ATTAINED
99	C321	MICROPROCESSOR AND MICROCONTROLLER	C	3	3	3	2.8	2.8	2.7	2.9	2.3	2.7	0.5	2.8	2.2	ATTAINED
100	C321	MICROPROCESSOR AND MICROCONTROLLER	D	3	3	3	2.9	2.9	2.9	2.95	2.4	2.7	0.5	2.9	2.2	ATTAINED
101	C322	MICROWAVE ENGINEERING	A	2.80	2.70	2.70	2.80	2.90	2.80	2.78	2.2	2.7	0.5	2.8	2.43	ATTAINED
102	C322	MICROWAVE ENGINEERING	B	1.78	1.78	2.00	2.00	2.00	2.00	1.93	1.5	2.7	0.5	2.1	2.43	NOT ATTAINED
103	C322	MICROWAVE ENGINEERING	C	1.65	1.87	1.65	2.08	2.30	2.30	1.98	1.6	2.7	0.5	2.1	2.43	NOT ATTAINED
104	C322	MICROWAVE ENGINEERING	D	2.57	2.35	2.35	2.57	2.57	2.57	2.49	2.0	2.7	0.5	2.5	2.43	ATTAINED

105	C323	VERY LARGE SCALE INTEGRATED CIRCUITS	A	2.85	2.70	3.00	2.76	2.85	3.00	2.86	2.3	2.7	0.5	2.8	2.33	ATTAINED
106	C323	VERY LARGE SCALE INTEGRATED CIRCUITS	B	3.00	3.00	3.00	2.82	2.93	2.85	2.93	2.3	2.7	0.5	2.9	2.33	ATTAINED
107	C323	VERY LARGE SCALE INTEGRATED CIRCUITS	C	2.93	2.64	3.00	2.76	2.85	3.00	2.86	2.3	2.7	0.5	2.8	2.33	ATTAINED
108	C323	VERY LARGE SCALE INTEGRATED CIRCUITS	D	3.00	3.00	3.00	2.82	2.93	2.85	2.93	2.3	2.7	0.5	2.9	2.33	ATTAINED
109	C324	DIGITAL SIGNAL PROCESSING	A	3.00	2.80	3.00	2.80	2.90	3.00	2.92	2.3	2.7	0.5	2.9	2.68	ATTAINED
110	C324	DIGITAL SIGNAL PROCESSING	B	3.00	2.90	2.90	3.00	2.90	3.00	2.95	2.4	2.7	0.5	2.9	2.68	ATTAINED
111	C324	DIGITAL SIGNAL PROCESSING	C	3.00	2.90	2.90	3.00	2.90	3.00	2.95	2.4	2.7	0.5	2.9	2.68	ATTAINED
112	C324	DIGITAL SIGNAL PROCESSING	D	3.00	2.90	2.90	2.80	2.90	3.00	2.92	2.3	2.7	0.5	2.9	2.68	ATTAINED
113	C325	BIO- MEDICAL ENGINEERING	A	3	2.8	2.85	2.78	3	2.78	2.87	2.3	2.7	0.5	2.8	2.64	ATTAINED
114	C325	BIO- MEDICAL ENGINEERING	B	2.88	3	2.78	2.93	3	2.93	2.92	2.3	2.7	0.5	2.9	2.64	ATTAINED
115	C325	BIO- MEDICAL ENGINEERING	C	3	3	2.85	2.7	3	2.78	2.89	2.3	2.7	0.5	2.8	2.64	ATTAINED
116	C325	BIO- MEDICAL ENGINEERING	D	2.88	2.9	2.93	2.7	2.7	2.63	2.79	2.2	2.7	0.5	2.8	2.64	ATTAINED
117	C326	MICROPROCESSOR AND MICROCONTROLLER LAB	A	3.00	2.65	2.74	2.74	3.00	3.00	2.85	2.3	2.7	0.5	2.8	2.18	ATTAINED
118	C326	MICROPROCESSOR AND MICROCONTROLLER LAB	B	2.65	2.48	2.65	2.65	2.74	2.83	2.66	2.1	2.7	0.5	2.7	2.18	ATTAINED
119	C326	MICROPROCESSOR AND MICROCONTROLLER LAB	C	3.00	2.91	2.83	2.83	2.83	2.74	2.85	2.3	2.7	0.5	2.8	2.18	ATTAINED
120	C326	MICROPROCESSOR AND MICROCONTROLLER LAB	D	2.91	2.93	2.78	2.93	2.78	3.00	2.89	2.3	2.7	0.5	2.8	2.18	ATTAINED
122	C327	VERY LARGE SCALE INTEGRATED CIRCUITS LAB	A	2.85	2.79	2.85	3.00	3.00	3.00	2.91	2.3	2.7	0.5	2.9	2.47	ATTAINED
123	C327	VERY LARGE SCALE INTEGRATED CIRCUITS LAB	B	2.85	2.83	2.85	3.00	3.00	2.88	2.90	2.3	2.7	0.5	2.8	2.47	ATTAINED
124	C327	VERY LARGE SCALE INTEGRATED CIRCUITS LAB	C	2.97	3.00	3.00	3.00	3.00	2.90	2.98	2.4	2.7	0.5	2.9	2.47	ATTAINED

125	C327	VERY LARGE SCALE INTEGRATED CIRCUITS LAB	D	2.84	2.85	3.00	3.00	2.90	2.85	2.91	2.3	2.7	0.5	2.8	2.47	ATTAINED
126	C328	DIGITAL COMMUNICATON LAB	A	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.4	2.7	0.5	2.9	2.50	ATTAINED
127	C328	DIGITAL COMMUNICATON LAB	B	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.4	2.7	0.5	2.9	2.50	ATTAINED
128	C328	DIGITAL COMMUNICATON LAB	C	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.4	2.7	0.5	2.9	2.50	ATTAINED
129	C328	DIGITAL COMMUNICATON LAB	D	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.4	2.7	0.5	2.9	2.50	ATTAINED
130	C411	RADAR SYSTEMS	A	2.30	2.15	2.15	2.23	2.15	2.08	2.18	1.74	2.69	0.54	2.28	2.18	ATTAINED
131	C411	RADAR SYSTEMS	B	2.93	2.93	2.85	2.78	2.85	2.70	2.84	2.27	2.69	0.54	2.81	2.18	ATTAINED
132	C411	RADAR SYSTEMS	C	2.93	2.93	2.80	2.78	2.85	2.93	2.87	2.29	2.69	0.54	2.83	2.18	ATTAINED
133	C412	DIGITAL IMAGE PROCESSING	A	2.35	2.35	2.35	2.35	2.57	2.57	2.42	1.94	2.69	0.54	2.47	2.12	ATTAINED
134	C412	DIGITAL IMAGE PROCESSING	B	2.35	2.35	2.35	2.57	2.35	2.35	2.39	1.91	2.69	0.54	2.45	2.12	ATTAINED
135	C412	DIGITAL IMAGE PROCESSING	C	2.51	2.35	2.35	2.78	2.78	2.78	2.59	2.07	2.69	0.54	2.61	2.12	ATTAINED
136	C413	COMPUTER NETWORKS	A	2.15	2.08	2.08	2.08	2.23	2.08	2.11	1.69	2.69	0.54	2.23	2.10	ATTAINED
137	C413	COMPUTER NETWORKS	B	2.93	2.78	2.85	2.93	2.93	2.93	2.89	2.31	2.69	0.54	2.85	2.10	ATTAINED
138	C413	COMPUTER NETWORKS	C	2.93	2.85	2.78	2.78	2.70	2.85	2.81	2.25	2.69	0.54	2.79	2.10	ATTAINED
139	C414	OPTICAL COMMUNICATION	A	2.80	2.85	2.85	2.85	2.85	2.78	2.83	2.26	2.69	0.54	2.80	2.54	ATTAINED
140	C414	OPTICAL COMMUNICATION	B	2.80	2.85	2.70	2.85	2.85	2.78	2.80	2.24	2.69	0.54	2.78	2.54	ATTAINED
141	C414	OPTICAL COMMUNICATION	C	2.80	2.85	2.70	2.85	2.85	2.78	2.80	2.24	2.69	0.54	2.78	2.54	ATTAINED
142	C415	ELECTRONIC SWITCHING SYSTEMS	A	2	2.1	2.1	2.2	2.08	2.15	2.10	1.68	2.69	0.54	2.22	1.96	ATTAINED
143	C415	ELECTRONIC SWITCHING SYSTEMS	B	2.1	2.1	1.9	2	2.15	2.15	2.07	1.66	2.69	0.54	2.19	1.96	ATTAINED
144	C415	ELECTRONIC SWITCHING SYSTEMS	C	2.8	3	3	2.7	2.78	2.78	2.84	2.27	2.69	0.54	2.81	1.96	ATTAINED
145	C416	EMBEDDED SYSTEMS	A	2.63	2.78	2.93	2.80	2.93	2.80	2.81	2.25	2.69	0.54	2.78	1.81	ATTAINED
146	C416	EMBEDDED SYSTEMS	B	2.00	1.93	1.93	2.20	2.15	2.10	2.05	1.64	2.69	0.54	2.18	1.81	ATTAINED
147	C416	EMBEDDED SYSTEMS	C	2.63	2.70	2.85	2.60	2.85	2.80	2.74	2.19	2.69	0.54	2.73	1.81	ATTAINED
148	C417	MICROWAVE AND OPTICAL COMMUNICATION LAB	A	3.00	3.00	2.91	2.83	3.00	2.88	2.94	2.35	2.69	0.54	2.89	2.18	ATTAINED

No.	Code	Course	Sec													Attainment
149	C417	MICROWAVE AND OPTICAL COMMUNICATION LAB	B	3.00	3.00	2.83	2.83	3.00	3.00	2.94	2.35	2.69	0.54	2.89	2.18	ATTAINED
150	C417	MICROWAVE AND OPTICAL COMMUNICATION LAB	C	3.00	2.83	2.91	2.83	2.91	2.88	2.89	2.31	2.69	0.54	2.85	2.18	ATTAINED
151	C418	DIGITAL SIGNAL PROCESSING LAB	A	2.88	2.88	2.94	2.93	2.83	2.83	2.88	2.31	2.69	0.54	2.84	2.76	ATTAINED
152	C418	DIGITAL SIGNAL PROCESSING LAB	B	3.00	2.88	2.88	2.86	2.91	3.00	2.91	2.33	2.69	0.54	2.86	2.76	ATTAINED
153	C418	DIGITAL SIGNAL PROCESSING LAB	C	3.00	2.88	2.88	2.93	3.00	3.00	2.94	2.35	2.69	0.54	2.89	2.76	ATTAINED
154	C421	CELLULAR MOBILE COMMUNICATIONS	A	2.3	2.3	2.3	2.15	2	2.08	2.19	1.75	2.69	0.54	2.29	2.59	NOT ATTAINED
155	C421	CELLULAR MOBILE COMMUNICATIONS	B	2.85	3	3	3	3	3	2.98	2.38	2.69	0.54	2.92	2.59	ATTAINED
156	C421	CELLULAR MOBILE COMMUNICATIONS	C	2.93	3	3	2.93	2.85	2.78	2.92	2.33	2.69	0.54	2.87	2.59	ATTAINED
157	C422	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	A	1.40	1.60	1.50	1.60	1.45	1.50	1.51	1.21	2.69	0.54	1.74	2.12	NOT ATTAINED
158	C422	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	B	1.60	1.60	1.50	1.60	1.60	1.60	1.58	1.27	2.69	0.54	1.80	2.12	NOT ATTAINED
159	C422	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	C	2.3	2.2	2.3	2.3	2.25	2.2	2.25	1.80	2.69	0.54	2.34	2.12	ATTAINED
160	C423	SATELLITE COMMUNICATION	A	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.40	2.69	0.54	2.94	2.40	ATTAINED
161	C423	SATELLITE COMMUNICATION	B	3.00	2.85	3.00	3.00	3.00	2.90	2.96	2.37	2.69	0.54	2.90	2.40	ATTAINED
162	C423	SATELLITE COMMUNICATION	C	3.00	2.93	3.00	3.00	2.90	2.90	2.95	2.36	2.69	0.54	2.90	2.40	ATTAINED
163	C424	WIRELESS SENSOR NETWORKS	A	2.00	2.08	1.85	2.23	2.08	2.23	2.08	1.66	2.69	0.54	2.20	1.93	ATTAINED
164	C424	WIRELESS SENSOR NETWORKS	B	2.93	2.78	2.70	2.93	2.63	2.70	2.78	2.22	2.69	0.54	2.76	1.93	ATTAINED
165	C424	WIRELESS SENSOR NETWORKS	C	3.00	3.00	2.93	2.78	2.78	2.85	2.89	2.31	2.69	0.54	2.85	1.93	ATTAINED
166	C425	SEMINAR	A	3.00	3.00	2.70	2.70	2.70	2.70	2.90	2.32	2.69	0.54	2.86	2.22	ATTAINED
167	C425	SEMINAR	B	2.70	2.70	2.40	2.40	2.40	2.40	2.60	2.08	2.69	0.54	2.62	2.22	ATTAINED

168	C425	SEMINAR	C	2.85	2.85	2.85	2.85	3.00	3.00	2.85	2.28	2.69	0.54	2.82	2.22	ATTAINED
169	C426	PROJECT	A	2.70	2.70	3.00	3.00	3.00	3.00	2.90	2.32	2.69	0.54	2.86	3.00	ATTAINED
170	C426	PROJECT	B	3.00	3.00	2.70	2.70	3.00	3.00	2.90	2.32	2.69	0.54	2.86	3.00	ATTAINED
171	C426	PROJECT	C	3.00	3.00	2.70	2.70	3.00	3.00	2.90	2.32	2.69	0.54	2.86	3.00	ATTAINED

Attainment of Program Outcomes and Program Specific Outcomes (50)

Total Marks 50.00

3.3.1 Describe the assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific outcomes (10)

Institute Marks: 10

Program outcomes (Pos) assessment

There are two methods of assessment

    M. Direct Assessment
    ii. Indirect Assessment

S. NO	Course Code	III SEMESTER Course Name	DIRECT ATTAINMENT
1	C211	ELECTRONIC DEVICES AND CIRCUITS	1.5
2	C212	SWITCHING THEORY AND LOGIC DESIGN	2.0
3	C213	SIGNALS AND SYSTEMS	2.6
4	C214	RANDOM VARIABLES AND STOCHASTIC PROCESSES	2.7
5	C215	OOPS THROUGH JAVA	1.6
6	C216	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	2.5

  i. Direct Assessment

Direct attainment of Pos is carried out by

    M. Results of Course Outcome Assessment from all courses and labs
    ii. Performance of students in final year Projects

1. **PO Attainment from results of Course Outcome Assessmet from all courses and labs**
   There are two steps in getting the PO attainment from the CO attainment. They are
   ➢ CO-PO Mapping
   ➢ Attainment of PO from CO attainment using CO-PO Mapping

2. CO-PO Mapping Strength

   ➢ **Attainment of a PO/PSO depends both on the attainment levels of associated Cos and the strength to which it is mapped Maximum of 5 Pos to be mapped to Cos**

- It is necessary to determine the level (mapping strength) at which a particular PO/PSO is addressed by the course. Strength of mapping is defined at three levels: Low (1), Medium (2) and Strong (3)

- Level of PO is measured with the number of hours allotted to the Cos which address the given PO

S. NO	Course	Course Name	Section	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
									III SEMESTER								
1	C211	ELECTRONIC DEVICES AND CIRCUITS	A	1.3	1.3	1.3										1.3	
2	C211	ELECTRONIC DEVICES AND CIRCUITS	B	1.3	1.3		1.3									1.3	
3	C211	ELECTRONIC DEVICES AND CIRCUITS	C	2.1	2.1		2.1									2.1	
4	C211	ELECTRONIC DEVICES AND CIRCUITS	D	1.2	1.2		1.2									1.2	
5	C212	SWITCHING THEORY AND LOGIC DESIGN	A	1.4	1.7	1.9							2.3	2.3			
6	C212	SWITCHING THEORY AND LOGIC DESIGN	B	1.4	1.6	1.3							2	2			
7	C212	SWITCHING THEORY AND LOGIC DESIGN	C	1.4	1.6	1.8							2.2	2.2			
8	C212	SWITCHING THEORY AND LOGIC DESIGN	D	1.7	2.1	2.3							2.7	2.7			
9	C213	SIGNALS AND SYSTEMS	A	2.8	2.8			2.8								2.8	
10	C213	SIGNALS AND SYSTEMS	B	2.8	2.8			2.8								2.8	
11	C213	SIGNALS AND SYSTEMS	C	2.9	2.9			2.9								2.9	
12	C213	SIGNALS AND SYSTEMS	D	2.0	2.0			2.0								2.0	
13	C214	PROCESSES	A	2.7	2.7										2.7	2.7	
14	C214	PROCESSES	B	2.7	2.7										2.7	2.7	
15	C214	PROCESSES	C	2.8	2.8										2.8	2.8	
16	C214	PROCESSES	D	2.7	2.7										2.7	2.7	
17	C215	OOPS THROUGH JAVA	A	1.21	1.22	1.21		1.22						1.22	1.24		1.20
18	C215	OOPS THROUGH JAVA	B	1.23	1.25	1.26		1.28						1.25	1.26		1.24
19	C215	OOPS THROUGH JAVA	C	1.35	1.37	1.35		1.37						1.34	1.37		1.35
20	C215	OOPS THROUGH JAVA	D	1.34	1.34	1.36		1.37						1.34	1.34		1.35
21	C216	ANALYSIS	A		2.3	2.3		2.3				2.8		2.3			
22	C216	ANALYSIS	B		2.8	2.8		2.8				2.8		2.8			
23	C216	ANALYSIS	C		2.9	2.8		2.8				2.8		2.9			
24	C216	ANALYSIS	D		1.3	1.3		1.3				1.3		1.3			

- Course outcome attainment level is assigned to the Pos for which that particular course is mapped
- Course outcome attainment levels measured for the courses are used for measuring the attainment of PO through CO
- Sample of attainment levels calculated for a semester are shown in below table

Attainment of every PO is determined from every CO by considering the strength of mapping of a particular CO to that PO and the level of attainment of that CO. From CO-PO mapping table sum of the weights of each PO for all Cos is calculated and sample is shown in below table

CO attainment values are used based on the CO-PO Mapping for obtaining the PO attainment and sample is as shown below. PO attainment value is obtained by taking the average of the column. Same procedure is followed for all the courses to get PO attainment levels. After finding the course wise PO levels, overall PO levels will be obtained by taking the average of the levels of each PO of all the courses that are attaining particular PO.

CLASS		III B.TECH I-SEM ECE		AY	2020-21
NAME OF THE COURSE & CODE		DIGITAL IC APPLICATION(C413)	NAME OF THE FACULTY	Y SUGANDHI NAIDU	

CO-PO MAPPING:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3		2										2	
CO2	2												2	
CO3	2	2	3										2	2
CO4		2	3										3	2
CO5		2	3	2	2								3	
CO6		2	3	3	2								3	

CO ATTAINMENT

CO	Attainment
CO1	2.78
CO2	2.82
CO3	2.88
CO4	2.80
CO5	3.00
CO6	3.00

PO ATTAINMENT :

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Overall PO	2.8	2.9	2.9	3.0	3.0								2.9	2.8

3. Performance of students in projects

Projects plays major role in getting practical exposure to the learnt theoretical concepts. Average marks obtained for each project is used as tool for assessing program outcomes.

PO attainment is calculated from the projects in following steps
- Projects mapping to Pos
- Average marks obtained by the students of project batch

Pos related to each project will be submitted to the project coordinator before start of the project work. After getting the results, average marks obtained by each batch are calculated and based on the mapped Pos attainment is carried out by taking the average of all the batch marks related that PO. Sample formats are given in APPENDIX-B

Indirect Assessment of Pos and PSOs:

Indirect assessment is based on surveys conducted. It mainly involves

    a. Exit student Survey
    b. Alumni survey

    M. **Exit Student Survey:** Feedback will be taken from the graduates at the end of the program every year.

Feedback on Facilities:

No	Facility	Average	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
3	College Rules and Regulations	2.30						2.30		2.30					2.30	2.30
4	Safety & Protection	2.34								2.34					2.34	2.34
5	Library	2.41	2.41	2.41	2.41					2.41		2.41		2.41	2.41	
6	Laboratories in Curriculum	2.32	2.32	2.32			2.32	2.32		2.32	2.32	2.32		2.32	2.32	
7	Additional Laboratories & Project Lab	2.34	2.34	2.34	2.34		2.34	2.34		2.34	2.34	2.34	2.34	2.34		2.34
8	Industrial Collaborations	2.05	2.05	2.05	2.05		2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05		2.05
9	Classroom Resources	2.24					2.24		2.24	2.24					2.24	
10	Availability of Doctor and Medicines	2.11								2.11						
11	Bank & ATM	2.18								2.18						
12	Facilities	2.35					2.35		2.35					2.35	2.35	2.35
13	Cleanliness/Lighting of Toilers	2.56								2.56						
14	Quality of Drinking Water	2.45							2.45	2.45						
15	Software Facilities	2.20					2.20		2.20	2.20				2.20	2.20	2.20
16	Sports & Games	2.05								2.05	2.05	2.05		2.05		
17	Counselling / Mentoring Facilities	2.20								2.20	2.20	2.20		2.20		
18	T & P Facilities	2.17							2.17		2.17	2.17	2.17	2.17	2.17	2.17
19	Canteen	2.50								2.43						
20	Entrepreneurship Cell	2.10		2.10	2.10						2.10	2.10			2.10	2.10
21	Hostel	2.11								2.11						
22	Transport	2.28								2.28						
23	Self-Learning Facility such as NPTEL, e-journals.	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18			2.18	2.18	2.18	
24	Overall Rating on Institution	2.28								2.28					2.28	2.28

Feedback will be taken using Exit student feedback form and will be analyzed using following method.

Feedback on Teaching-Learning-Evaluation Process:

No		Average	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	Academic Performance	2.21								2.21						2.21
2	Innovative methods in Teaching	2.26					2.26			2.26	2.26	2.26		2.26	2.26	2.26	2.26
3	Up to date knowledge and skills	2.27				2.27	2.27			2.27				2.27	2.27	2.27
4	Student Seminars/Presentations	2.35									2.35	2.35		2.35	2.35	2.35
5	Faculty guidance in Laboratories	2.24								2.24	2.24	2.24		2.24	2.24	2.24
6	Industrial visits / Internships	2.11	2.11	2.11	2.11			2.11	2.11	2.11	2.11			2.11	2.11	2.11
7	Quality of projects – Technology, Social Relevance, industry	2.10	2.10	2.10	2.10		2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10
8	Students were always allowed to interrupt the instructor to ask clarifications.	2.28								2.28		2.28				2.28
9	Support for Self-learning	2.26								2.26				2.26		2.26
10	Student Peer learning opportunities	2.23								2.23				2.23		2.23
11	Guidance provided by the faculty members	2.37								2.37				2.37	2.37	2.37
12	Training Courses beyond the University syllabus - soft skills	2.12					2.12		2.12	2.12	2.12	2.12			2.12	2.12	2.12
13	Training Courses beyond the University syllabus – Technical(T-Hub)	2.12	2.12	2.12	2.12		2.12			2.12	2.12	2.12		2.12	2.12	2.12
14	Additional topics taught in the courses	2.10	2.10	2.10	2.10			2.10		2.10	2.10	2.10		2.10	2.10	
15	Additional Experiments in the Laboratories	2.13	2.13	2.13	2.13			2.13		2.13	2.13	2.13		2.13	2.13	
16	Quality of Exam paper evaluation	2.24								2.24					2.24	2.24
17	Faculty feedback on students' performance at regular intervals	2.29								2.29					2.29	2.29	2.29
18	Faculty pays attention to academically weaker students as well	2.18								2.18						2.18
19	Student feedbacks implementation	2.18								2.18						2.18
20	objectives	2.17	2.17	2.17	2.17		2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17
21	Technical Paper presentation (VEDA)	2.29	2.29	2.29	2.29					2.29	2.29	2.29			2.29	2.29
2.22	Department Association Activities	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22		2.22	2.22	2.22
23	Annual Sports Meet	2.09								2.09	2.09	2.09				2.09
24	Cultural Activities (Colors)	1.77								1.77	1.77	1.77				1.77
25	Periodical assessments were conducted as per schedule	2.10								2.10					2.10	2.10
26	Overall Experience at ACET	2.30								2.30					2.30	

Feedback on Faculty & Staff:

No	Parameter Description		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	Does the faculty had up to date knowledge and skills in the course	2.22	2.22	2.22	2.22		2.22	2.22	2.22	2.22		2.22		2.22	2.22	2.22	2.22
2	Instructor clearly stated the main objectives of the course.	2.21								2.21					2.21		2.21
3	Presentation/Teaching of material	2.23								2.23		2.23			2.23		2.23
4	Classroom Management	2.29								2.29	2.29	2.29			2.29	2.29	2.29
5	Is the faculty regular and punctual?	2.23								2.23							2.23
6	Modern teaching aids	2.15					2.15				2.15	2.15			2.15	2.15	
7	Pace of Course (too fast / too slow)	2.23								2.23							2.23
8	Coverage of Syllabus	2.26								2.26							
9	Faculty's Approachability	2.23								2.23		2.23					2.23
10	Enthusiastic about teaching	2.18								2.18					2.18	2.18	2.18
11	Students doubts clarification	2.22								2.22		2.22			2.22	2.22	2.22
12	Voice clarity and effective body language?	2.22								2.22		2.22				2.22	2.22
13	Faculty accessible outside of the classroom	2.22								2.22		2.22			2.22	2.22	2.22
14	Interest in the professional development of the students	2.28								2.28						2.28	2.28
15	All the students were treated impartially.	2.23								2.23					2.23	2.23	2.23
16	Fair and unbiased in the evaluation process	2.11								2.11					2.11	2.11	2.11
17	Encouraged the students to raise questions in the classroom	2.24								2.24		2.24		2.24	2.24	2.24	2.24
18	Availability of faculty in the laboratory for whole duration of laboratory hours	2.39								2.39		2.39					2.39
19	Helps students in exploring the area of study involved in the experiment	2.21								2.21		2.21			2.21	2.21	2.21
20	Is the faculty being capable of keeping the class under discipline and control?	2.17								2.17					2.17	2.17	2.17
21	Overall rating of the faculty	2.29	2.29	2.29	2.29		2.29			2.29		2.29			2.29	2.29	2.29

Feed Back on Curriculum/Add-on courses:

No	Parameter Description		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	Curriculum and Syllabi of the Courses	2.15	2.15	2.15	2.15		2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
2	Fulfilment of course objective	2.01	2.01	2.01	2.01		2.01	2.01	2.01	2.01		2.01		2.01	2.01	2.01
3	Course balance between theory and application	2.28	2.28	2.28	2.28		2.28	2.28	2.28	2.28	2.28	2.28		2.28		
4	Course Sequence in Consecutive semesters	2.28	2.28	2.28	2.28					2.28	2.28	2.28			2.28	
5	Relevance to Fundamental and Core knowledge	2.11	2.11	2.11								2.11			2.11	2.11
6	Size of syllabus in terms of the load on the student	2.24								2.24					2.24	
7	Depth of the syllabi	2.30	2.30	2.30	2.30		2.30	2.30	2.30						2.30	2.30
8	Extent of syllabi covered in the Class	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20					2.20	2.20
9	Coverage of fundamental concepts	2.09	2.09	2.09								2.09			2.09	
10	Professional ethics & social responsibility and team work skills	2.21						2.21	2.21	2.21	2.21	2.21			2.21	2.21
2.23	Text books & reference text books are adequate and appropriate	2.23	2.23	2.23	2.23	2.23				2.23					2.23	
12	Distribution of hours per course	2.23								2.23					2.23	2.23
13	Allocation of credits to the course	2.18								2.18						
14	Offering of electives and value-added	2.11	2.11	2.11	2.11			2.11	2.11	2.11		2.11		2.11	2.11	2.11
15	Career guidance and competitive	2.20					2.20			2.20	2.20	2.20		2.20	2.20	2.20
16	Electives relevance to the specialized	2.23						2.23	2.23	2.23					2.23	
17	Content of the courses encourages extra learning / self-learning	2.12	2.12	2.12	2.12		2.12			2.12	2.12	2.12		2.12	2.12	2.12
18	Designing of experiments in the laboratory	2.13	2.13	2.13	2.13		2.13			2.13	2.13	2.13		2.13		
19	Relevance practical lab work	2.18	2.18	2.18	2.18		2.18			2.18	2.18	2.18		2.18	2.18	2.18
20	Relevance to industrial scenario and global competency	2.20						2.20	2.20	2.20					2.20	2.20
			2.19	2.19	2.19	2.22	2.20	2.21	2.22	2.22	2.18	2.20	2.18	2.20	2.22	2.22

2. Employer Survey: Feedback will be taken from the Employees every year. Feedback will be taken using Employee feedback form and will be analyzed using following method.

S.No	Attributes	Average	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	Coordination of Placement Schedule	3.00								3	3	3				3
2	Arrangement of transport and Hospitality	3.00						3		3						
3	Staff Approach (T&P)	3.00						3		3		3			3	
4	Facilities for Campus Recruitment	2.69							2.69	2.69						
5	Students' involvement during Pre-Placement	2.23								2.23	2.23	2.23				
6	Students' behavior during the recruitment	2.15								2.15	2.15	2.15				
7	Students well-groomed and professionally dr	2.15					2.15			2.15						
8	Students' resumes were professional	2.38					2.38			2.38						
9	Students Communicational Skills	2.23								2.38	2.38					
10	Students body language during the interview	2.62								2.62	2.62	2.62				
11	Students' technical skill	2.38	2.4	2.38	2.38		2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38
12	Overall Recruitment Experience	3.00								3		3				
13	Overall College facilities (ACET)	3.00								3						
			2.38	2.38	2.38		2.38	2.50	2.54	2.61	2.46	2.63	2.38	2.38	2.69	2.69

M. **Alumni Survey:** Feedback will be taken from the Alumni graduates at the end of the program every year. Feedback will be taken using Alumni feedback form and will be analyzed using following method

S.No	FACILITIES	Averag	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO1	PO11	PO1	PSO1	PSO2
8	In what way are you collaborating with your team members to deliver the task at your	2.22									2.22					
9	Roll of yours working with multidisciplinary	2.38										2.38				
10	How are you supporting your team on design and present documents using the	2.46										2.46				
11	How capable you are to exceed the timelines allocated for the work	2.14											2.14			
12	Grade your interest to pursue any higher education/undertaken certification/short-term courses for furtherance of your	2.36												2.36		
	PROGRAM SPECIFIC															
13	Mechanical Engineers must be able to analyze, design and evaluate mechanical components and systems using cutting edge software tools as required by the	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32		2.32	2.32	2.32	2.32	
14	The ability to work in manufacturing and other sectors operations and maintenance	2.36	2.36	2.36	2.36	2.36		2.36	2.36	2.36		2.36		2.36		2.36
15	As part of a team or individually, plan and manage activities in micro, small, medium and large enterprise.	2.46	2.46	2.46	2.46		2.46	2.46	2.46	2.46	2.46	2.46		2.46		
			2.29	2.30	2.30	2.33	2.30	2.30	2.29	2.26	2.28	2.29	2.24	2.29	2.25	2.26

Overall Indirect Assessment:

Calculated Indirect assessment taking the feedback from exit students, Alumni Students and employers, then calculated the average of all the feedbacks as shown below

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Alumni Feedback	2.29	2.30	2.30	2.33	2.30	2.30	2.29	2.26	2.28	2.29	2.24	2.29	2.25	2.26
Employee Feedback	2.38	2.38	2.38		2.38	2.58	2.54	2.61	2.46	2.63	2.38	2.38	2.69	2.69
Exit Feedback	2.19	2.19	2.19	2.22	2.20	2.21	2.22	2.22	2.18	2.20	2.18	2.20	2.22	2.22
INDIRECT ASSESMENT	2.29	2.29	2.29	2.28	2.29	2.36	2.35	2.36	2.31	2.37	2.26	2.29	2.39	2.39

Final PO Attainment:

Final PO attainment from all the tools is done based on the following weightage

1. Calculated direct PO Attainment of all the courses and considered 80% of Direct Attainment.

2. Calculated indirect PO attainment of all the courses and considered 20% of Indirect Attainment.

3. Calculated Overall PO Attainment by considering 80% (direct) + 20% (Indirect). Below sample table shown.

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	POS	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct	2.6	2.6	2.6	2.5	2.6	2.7	2.3	2.4	2.7	2.8	2.5	2.6	2.6	2.5
In-Direct	2.29	2.29	2.29	2.28	2.29	2.36	2.35	2.36	2.31	2.37	2.26	2.29	2.39	2.39
Formulae :Direct attainment value*0.80+ in-direct attainment-value*0.20= Overall PO Attainment														
%80 - Direct	2.06	2.05	2.05	2.00	2.09	2.18	1.84	1.90	2.14	2.24	1.97	2.07	2.10	1.96
%20- Indirect	0.46	0.46	0.46	0.46	0.46	0.47	0.47	0.47	0.46	0.47	0.45	0.46	0.48	0.48
Overall PO- Attainment	2.52	2.51	2.51	2.45	2.55	2.65	2.31	2.37	2.60	2.71	2.42	2.53	2.58	2.44

ADITYA COLLEGE OF ENGINEERING
Aditya Nagar, ADB Road, Surampalem - 533 437
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FINAL YEAR STUDENTS – EXIT FEED BACK

Academic Year: 2020-2021 Batch: 2017-21
Name: Hall Ticket No:
Date:

NOTE: Please write appropriate levels 1, 2, 3 as defined below for each parameter:
1. Slight (Low) 2. Moderate (Medium) 3. Substantial (High)

Feedback on Facilities:

S.No	Facility	Your Rating
1	Admission Procedure	
2	College Environment	
3	College Rules and Regulations	
4	Safety & Protection	
5	Library	
6	Laboratories in Curriculum	
7	Additional Laboratories & Project Lab	
8	Industrial Collaborations	
9	Classroom Resources	
10	Availability of Doctor and Medicines	
11	Bank & ATM	
12	Common Computer Center / Internet Facilities	

S.No	Facility	Your Rating
13	Cleanliness Lighting of Toilets	
14	Quality of Drinking Water	
15	Software Facilities	
16	Sports & Games	
17	Counselling / Mentoring Facilities	
18	T & P facilities	
19	Canteen	
20	Entrepreneurship Cell	
21	Hostel	
22	Transport	
23	Self-Learning Facility such as NPTEL, e-journals.	
24	Overall Rating on Institution	

Feedback on Teaching-Learning-Evaluation Process:

S.No	Facility	Your Rating
1	Academic Performance	
2	Innovative methods in Teaching	
3	Up to date knowledge and skills	
4	Student Seminars/ Presentations	
5	Faculty guidance in laboratories	
6	Industrial visits / Internships	
7	Quality of projects – Technology, Social Relevance, industry	
8	Students were always allowed to interrupt the instructor to seek clarifications.	
9	Support for Self-learning	
10	Student Peer learning opportunities	
11	Guidance provided by the faculty member	
12	Training Courses beyond the University syllabus - soft skills	
13	Training Courses beyond the University syllabus - Technical(T-Hub)	

S.No	Facility	Your Rating
14	Additional topics taught in the courses	
15	Additional Experiments in the Laboratories	
16	Quality of Exam paper evaluation	
17	Faculty feedback on students' performance at regular intervals	
18	Faculty pays attention to academically weak students as well	
19	Student feedback implementation	
20	Syllabus & its relevance to meet the objectives	
21	Technical Paper presentation (VEDA)	
22	Department Association Activities	
23	Annual Sports Meet	
24	Cultural Activities (Celesta)	
25	Periodical assessments were conducted as per schedule	
26	Overall Experience at ACOE	

Feedback on Faculty & Staff:

S.No	Parameter Description	Your Rating
1	Does the faculty had up to date knowledge and skills in the course	
2	Instructor clearly stated the main objectives of the course.	
3	Presentation/Teaching of material	
4	Classroom Management	
5	Is the faculty regular and punctual?	
6	Modern teaching aids	
7	Pace of Course(2 too fast / 2 too slow)	
8	Coverage of Syllabus	
9	Faculty's Approachability	
10	Enthusiastic about teaching	

S.No	Parameter Description	Your Rating
11	Students doubts clarification	
12	Voice clarity and effective body language?	
13	Faculty accessible outside of the classroom	
14	Interest in the professional development of the students	
15	All the students were treated impartially.	
16	Fair and unbiased in the evaluation process	
17	Encouraged the students to raise questions in the classroom	
18	Availability of faculty in the laboratory for whole duration of laboratory hours	
19	Helps students in exploring the area of study involved in the experiment	
20	Is the faculty being capable of keeping the class under discipline and control?	
21	Overall rating of the faculty	

Feed Back on Curriculum/Add-on courses:

S.No	Parameter Description	Your Rating
1	Curriculum and Syllabi of the Courses	
2	Fulfilment of course objective	
3	Course balance between theory and application	
4	Course Sequences in Consecutive semesters	
5	Relevance to Fundamental and Core knowledge	
6	Size of Syllabus in terms of the load on the student.	
7	Depth of the syllabus	
8	Extent of syllabus covered in the Class	
9	Coverage of fundamental concepts	
10	Professional ethics & social responsibility and team work skills	

S.No	Parameter Description	Your Rating
1	Text books & reference text book are adequate and appropriate	
2	Distribution of hours per course	
3	Allocation of credits to the course	
4	Offering of electives and value-added course	
5	Career guidance and competitive examination.	
6	Syllabus relevance to the specialized streams.	
7	Content of the courses encourages extra learning / self-learning.	
8	Designing of experiments for the laboratory.	
9	Relevance practical / lab work	
10	Relevance to industrial scenario and global competence	

Any Other Comments / Suggestions:

ADITYA COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ALUMNI FEEDBACK -AY: 2020-21

Name of the Alumni: Branch:

Year of graduation: Phone no:

Organization name: Designation /Occupation:

Email: Joined year:

Dear Alumni,

We shall be thankful to and appreciate you if you can spare some of your valuable time to fill up this feedback form and give us your valuable suggestions for further improvement of the Institute. Your valuable inputs will be of great use to improve the quality of our academic programs and enhance the credibility of the Institute. Hence your feedback on Institute will help us to improve our approach in Academics.

The rating is on a 3-Points (1 to 3) scale.... (Excellent-3, Good-2, Poor-1)

S.No.	FACILITIES	Score
1	How teaching and mentoring process in the college facilitated to you for your overall	
2	How our college Infrastructure & Lab facilities helped you to enhance your knowledge	
3	Industrial Collaborations & interactions with our college	
4	Availability of medical facilities inside the campus	
5	How Can You Grade Your College Incubation Centre	
6	Facilities regarding sports and games	
7	How can you grade your Training & Placement activities	
8	Availability of reading material (Library /Internet/Others)	
9	The college provides adequate opportunities and support to the students for upgrading.	
10	Grade your Hostel & Canteen Facilities	
11	Grade your Co-curricular and Extracurricular Activities	
12	How college provides multiple opportunities to learn and grow.	
13	Grievance Cell Activities in our campus	
14	Overall Campus Rating	

Any Other Suggestions:

	CURRICULUM DESIGN & DEVELOPMENT	
15	Grade your Curriculum and Syllabi of the Courses	
16	Curriculum meets prerequisite and basic knowledge required for the career.	
17	Usefulness of learning experience in career.	
18	Electives offered in relation to the technological advancements.	
19	The new courses (subjects) Introduced meets contemporary (existing) requirements.	
20	Design of the courses (subjects) encourages /motivates extra learning or self-learning	
21	Is it College takes efforts to engage students in monitoring, reviewing and improving quality	
22	How teachers are informing expected competencies, course outcomes and program outcomes	
23	Guidance provided by the faculty members	
24	Training Courses beyond the University syllabus – Technical(T-Hub)	

25	Opportunities for out of classroom learning (guest lectures, seminars, workshop, value added	
26	Relevance to industrial scenario and global competence	

Any Other suggestions:

S.No.	PROGRAM OUTCOMES	Score
1	The study of basic sciences and core engineering helped you in analyzing the problems at your	
2	How you are grading to identify and define the computing requirements for a given problem which	
3	How are you capable to develop algorithms, and/or techniques that contribute to the software	
4	How college provides opportunity in the decision-making process of your project	
5	Type of modern tools used in your project	
6	Grade the impact of your final year project on society	
7	Capability of a student to implement global, security and safety issues at your career	
8	In what way are you collaborating with your team members to deliver the task at your workplace	
9	Roll of yours working with multidisciplinary teams	
10	How are you supporting your team on design and present documents using the presentation tools	
11	How capable you are to exceed the timelines allocated for the work	
12	Grade your interest to pursue any higher education/undertaken certification/short-term courses for	

Any Other suggestions:

	PROGRAM SPECIFIC OUTCOMES	
13		
14		
15		

Any Other suggestions:

Signature of the Alumni

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ADITYA COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EMPLOYEE FEEDBACK -AY: 2020-21

Name of the Company: Date of Drive:

Name of the official: Designation /Occupation:

Job Roll Offered: Company Email:

Thanking you for scheduling on-campus recruitment at **Aditya College of Engineering- Surampalem**. We hope your efforts have been successful and your recruiting experience has been a positive one.

Please take a few minutes to share your opinion. This information will provide valuable feedback for our students and staff to enhance the student skills and to better serve your needs in future. Please rate the question with appropriate points which was mentioned below.

The rating is on a 3-Points (1 to 3) scale.... (Excellent-3, Good-2, Poor-1)

S.No	Attributes	Score
1	Coordination of Placement Schedule	
2	Arrangement of transport and Hospitality	
3	Staff Approach (T & P)	
4	Facilities for Campus Recruitment	
5	Students' involvement during Pre- Placement Talk	
6	Students' behavior during the recruitment	
7	Students well-groomed and professionally dressed	
8	Students' resumes were professional	
9	Students Communicational Skills	
10	Students body language during the interview	
11	Students' technical skill	
12	Overall Recruitment Experience	
13	Overall College facilities (ACOE)	

Suggest the area to be improved by students:

Any Other Suggestion::

Signature of the Employee

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3.3.2 Provide results of evaluation of PO&PSO (40)   Institute Marks: 40.00

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C211-A	1.3	1.3	PO3	1.3	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C211-B	1.3	1.3	PO3	1.3	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C211-C	2.1	2.1	PO3	2.1	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C211-D	1.2	1.2	PO3	1.2	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C212-A	1.4	1.7	1.9	PO4	PO5	PO6	PO7	PO8	PO9	2.3	2.3	PO12
C212-B	1.4	1.6	1.9	PO4	PO5	PO6	PO7	PO8	PO9	2	2	PO12
C212-C	1.4	1.6	1.8	PO4	PO5	PO6	PO7	PO8	PO9	2.2	2.2	PO12
C212-D	1.7	2.1	2.3	PO4	PO5	PO6	PO7	PO8	PO9	2.7	2.7	PO12
C213-A	2.8	2.8	PO3	PO4	2.8	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C213-B	2.8	2.8	PO3	PO4	2.8	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C213-C	2.9	2.9	PO3	PO4	2.9	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C213-D	2.0	2.0	PO3	PO4	2.0	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C214-A	2.7	2.7	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.7
C214-B	2.7	2.7	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.7
C214-C	2.7	2.7	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.8
C214-D	2.7	2.7	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.7
C215-A	1.21	1.22	PO3	1.21	1.22	PO6	PO7	PO8	PO9	PO10	1.22	1.24
C215-B	1.23	1.25	PO3	1.26	1.28	PO6	PO7	PO8	PO9	PO10	1.25	1.26
C215-C	1.95	1.97	PO3	1.96	1.97	PO6	PO7	PO8	PO9	PO10	1.94	1.97
C215-D	1.94	1.94	PO3	1.96	1.97	PO6	PO7	PO8	PO9	PO10	1.94	1.94
C216-A	PO1	2.9	2.9	PO4	2.9	PO6	PO7	PO8	2.8	2.9	2.9	PO12
C216-B	PO1	2.8	2.8	PO4	2.8	PO6	PO7	PO8	2.8	2.8	2.8	PO12
C216-C	PO1	2.9	2.8	PO4	2.8	PO6	PO7	PO8	2.8	2.8	2.9	PO12
C216-D	PO1	1.3	1.3	PO4	1.3	PO6	PO7	PO8	1.3	1.3	1.3	PO12
C217-A	2.1	2.0	2.1	PO4	PO5	PO6	PO7	2.1	PO9	PO10	PO11	2.1
C217-B	2.8	2.8	2.8	PO4	PO5	PO6	PO7	2.8	PO9	PO10	PO11	2.8
C217-C	3.0	2.9	2.9	PO4	PO5	PO6	PO7	3.0	PO9	PO10	PO11	3.0
C217-D	1.4	1.4	1.4	PO4	PO5	PO6	PO7	1.4	PO9	PO10	PO11	1.4
C218-A	2.4	2.3	PO3	PO4	PO5	PO6	PO7	PO8	2.4	3.0	2.3	PO12
C218-B	2.5	2.3	PO3	PO4	PO5	PO6	PO7	PO8	2.4	3.0	2.4	PO12
C218-C	2.4	2.3	PO3	PO4	PO5	PO6	PO7	PO8	2.4	3.0	2.3	PO12
C218-D	2.4	2.2	PO3	PO4	PO5	PO6	PO7	PO8	2.4	3.0	2.3	PO12
C221-A	2.2	2.2	2.2	2.1	2.3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C221-B	2.2	2.2	2.3	2.2	2.3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C221-C	2.1	2.1	2.1	2.1	2.1	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C221-D	2.2	2.2	2.2	2.2	2.2	PO6	PO7	PO8	PO9	PO10	PO11	PO12

C222-A	2.6	2.6	2.6	2.5	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C222-B	2.3	2.3	2.3	2.0	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C222-C	2.4	2.4	2.4	2.4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C222-D	1.4	1.4	1.4	1.4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C223-A	2.2	2.2	2.2	2.1	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C223-B	2.9	2.9	2.9	2.9	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C223-C	3	2.9	3	3	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C223-D	3	3	3	3	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C224-A	2.9	2.9	2.9	2.9	PO5	PO6	PO7	PO8	PO9	PO10	PO11	3.0
C224-B	2.8	2.8	2.8	2.8	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.7
C224-C	2.9	2.9	2.9	2.9	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.9
C224-D	1.4	1.4	1.4	1.4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1.4
C225-A	1.21	1.22	1.21	PO4	1.22	PO6	PO7	PO8	PO9	PO10	1.22	1.24
C225-B	2.04	2.05	2.06	2.04	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.05
C225-C	1.34	1.32	1.30	1.32	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1.30
C225-D	1.36	1.36	1.37	1.35	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1.34
C226-A	2.1	2.2	2.2	PO4	PO5	PO6	2.2	2.2	2.2	2.2	2.2	2.2
C226-B	2.2	2.2	2.2	PO4	PO5	PO6	2.1	2.1	2.1	2.2	2.2	2.2
C226-C	2.8	2.8	2.8	PO4	PO5	PO6	2.8	2.8	2.8	2.8	2.8	2.7
C226-D	1.4	1.4	1.4	PO4	PO5	PO6	1.4	1.4	1.4	1.4	1.3	1.3
C227-A	2.3	2.3	2.7	PO4	PO5	PO6	PO7	2.3	2.3	PO10	PO11	PO12
C227-B	2.5	2.4	2.9	PO4	PO5	PO6	PO7	2.4	2.4	PO10	PO11	PO12
C227-C	2.4	2.4	2.9	PO4	PO5	PO6	PO7	2.4	2.4	PO10	PO11	PO12
C227-D	2.3	2.3	2.8	PO4	PO5	PO6	PO7	2.3	2.3	PO10	PO11	PO12
C228-A	3.0	3.0	3.0	3.0	3.0	PO6	PO7	PO8	PO9	PO10	PO11	3.0
C228-B	3.0	3.0	3.0	3.0	3.0	PO6	PO7	PO8	PO9	PO10	PO11	3.0
C228-C	3.0	3.0	3.0	3.0	3.0	PO6	PO7	PO8	PO9	PO10	PO11	3.0
C228-D	3.0	3.0	3.0	3.0	3.0	PO6	PO7	PO8	PO9	PO10	PO11	3.0
C311-A	1.31	1.31	1.29	PO4	PO5	PO6	PO7	PO8	PO9	1.28	PO11	1.34
C311-B	1.31	1.31	1.29	PO4	PO5	PO6	PO7	PO8	PO9	1.28	PO11	1.34
C311-C	1.31	1.31	1.29	PO4	PO5	PO6	PO7	PO8	PO9	1.28	PO11	1.34
C311-D	1.31	1.31	1.29	PO4	PO5	PO6	PO7	PO8	PO9	1.28	PO11	1.34
C312-A	2.77	2.77	2.78	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C312-B	2.76	2.76	2.79	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C312-C	2.77	2.77	2.8	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C312-D	2.76	2.76	2.78	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C313-A	2.8	2.9	2.9	3.0	2.9	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C313-B	2.9	2.9	3.0	3.0	3.0	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C313-C	2.9	3.0	2.9	3.0	3.0	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C313-D	2.0	2.1	2.1	2.3	2.2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C314-A	2.9	2.9	2.9	2.9	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12

C314-B	2.9	2.9	2.8	2.8	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C314-C	2.8	2.8	2.8	2.8	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C314-D	2.9	2.8	2.8	2.8	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C315-A	2.8	2.8	2.9	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.8
C315-B	2.7	2.7	2.7	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.7
C315-C	2.8	2.8	2.8	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.9
C315-D	2.8	2.8	2.8	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.8
C316-A	2.6	2.6	2.6	2.6	2.6	PO6	PO7	PO8	2.6	PO10	PO11	PO12
C316-B	3.0	3.0	3.0	3.0	3.0	PO6	PO7	PO8	3.0	PO10	PO11	PO12
C316-C	2.8	2.8	2.8	2.8	2.8	PO6	PO7	PO8	2.8	PO10	PO11	PO12
C316-D	2.7	2.7	2.7	2.7	2.7	PO6	PO7	PO8	2.7	PO10	PO11	PO12
C317-A	2.8	2.8	2.8	2.8	PO5	2.8	PO7	PO8	2.8	2.8	PO11	2.8
C317-B	2.9	2.9	2.9	2.9	PO5	2.9	PO7	PO8	2.9	2.9	PO11	2.9
C317-C	2.9	2.9	3.0	3.0	PO5	3.0	PO7	PO8	3.0	3.0	PO11	2.9
C317-D	2.8	2.8	2.8	2.8	PO5	2.8	PO7	PO8	2.7	2.7	PO11	2.8
C318-A	3.0	3.0	3.0	PO4	3.0	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C318-B	3.0	3.0	3.0	PO4	3.0	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C318-C	2.9	2.9	2.9	PO4	2.9	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C318-D	3.0	2.9	2.9	PO4	3.0	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C321-A	2.9	2.9	2.9	2.9	2.9	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C321-B	3.0	2.9	2.9	3.0	3.0	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C321-C	2.9	2.9	3.0	2.9	3.0	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C321-D	3.0	2.9	3.0	3.0	3.0	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C322-A	PO1	2.8	2.8	2.8	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C322-B	PO1	1.9	2.0	1.9	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C322-C	PO1	1.8	1.9	2.1	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C322-D	PO1	2.5	2.5	2.5	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C323-A	2.9	2.9	2.8	PO4	2.9	3.0	PO7	PO8	3.0	PO10	3.0	PO12
C323-B	2.2	2.2	2.2	PO4	2.3	2.2	PO7	PO8	2.2	PO10	2.2	PO12
C323-C	2.9	2.9	2.9	PO4	2.9	3.0	PO7	PO8	3.0	PO10	3.0	PO12
C323-D	2.9	2.9	2.9	PO4	3.0	2.9	PO7	PO8	2.9	PO10	2.9	PO12
C324-A	2.9	2.9	2.9	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C324-B	3.0	2.9	2.9	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C324-C	3.0	2.9	2.9	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C324-D	2.9	2.9	2.9	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C325-A	2.9	2.9	2.8	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.9
C325-B	2.9	2.9	2.9	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.9
C325-C	2.9	2.9	2.9	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.9
C325-D	2.8	2.8	2.8	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.8
C326-A	2.9	2.8	2.9	PO4	2.9	PO6	PO7	PO8	2.9	2.9	PO11	2.9
C326-B	2.7	2.7	2.7	PO4	2.7	PO6	PO7	PO8	2.7	2.7	PO11	2.7

C326-C	2.9	2.9	2.8	PO4	2.9	PO6	PO7	PO8	2.9	2.9	PO11	2.9
C326-D	2.9	2.9	2.9	PO4	2.9	PO6	PO7	PO8	2.9	2.9	PO11	2.9
C327-A	2.9	2.9	2.9	3.0	2.9	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C327-B	2.9	2.9	2.9	3.0	2.9	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C327-C	3.0	3.0	3.0	3.0	3.0	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C327-D	2.9	2.9	2.9	2.9	2.9	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C328-A	3.0	3.0	3.0	3.0	PO5	3.0	PO7	PO8	3.0	3.0	PO11	3.0
C328-B	3.0	3.0	3.0	3.0	PO5	3.0	PO7	PO8	3.0	3.0	PO11	3.0
C328-C	2.8	2.8	2.8	2.9	PO5	2.9	PO7	PO8	2.8	2.8	PO11	2.9
C328-D	3.0	3.0	3.0	3.0	PO5	3.0	PO7	PO8	3.0	3.0	PO11	3.0
C411-A	2.2	2.1	2.2	2.2	2.2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C411-B	2.8	2.8	2.8	2.8	2.8	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C411-C	2.9	2.9	2.9	2.8	2.8	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C412-A	2.4	2.4	2.4	2.6	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C412-B	2.4	2.4	2.4	2.4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C412-C	2.6	2.6	2.6	2.8	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C413-A	2.1	2.1	2.1	2.1	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C413-B	2.9	2.9	2.9	2.9	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C413-C	2.8	2.8	2.8	2.8	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C414-A	2.8	2.8	PO3	2.8	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C414-B	2.8	2.8	PO3	2.8	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C414-C	2.8	2.8	PO3	2.8	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C415-A	2.1	2.1	2.1	2.1	2.1	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C415-B	2.1	2.1	2.1	2.1	2.1	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C415-C	2.8	2.8	2.8	2.8	2.8	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C416-A	2.8	2.8	2.8	2.9	2.8	2.9	2.8	PO8	PO9	PO10	PO11	2.8
C416-B	2.0	2.0	2.0	2.2	2.0	1.9	1.9	PO8	PO9	PO10	PO11	PO12
C416-C	2.7	2.7	2.7	2.7	2.7	2.8	2.7	PO8	PO9	PO10	PO11	PO12
C417-A	2.9	2.9	2.9	PO4	PO5	PO6	PO7	PO8	2.9	PO10	PO11	PO12
C417-B	2.9	2.9	3.0	PO4	PO5	PO6	PO7	PO8	2.9	PO10	PO11	PO12
C417-C	2.9	2.9	2.9	PO4	PO5	PO6	PO7	PO8	2.9	PO10	PO11	PO12
C418-A	2.9	2.9	2.9	2.9	2.9	PO6	PO7	PO8	PO9	PO10	PO11	2.9
C418-B	2.9	2.9	2.9	2.9	2.9	PO6	PO7	PO8	PO9	PO10	PO11	2.9
C418-C	2.9	2.9	3.0	PO4	2.9	PO6	PO7	PO8	2.9	PO10	PO11	2.9
C421-A	2.9	2.9	2.9	3.0	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C421-B	3.0	3.0	3.0	3.0	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C421-C	2.9	2.9	2.9	3.0	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C422-A	2.9	2.9	3.0	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C422-B	3.0	3.0	3.0	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C422-C	2.9	3.0	3.0	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C423-A	3.0	3.0	3.0	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	3.0

C423-B	3.0	3.0	3.0	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	3.0
C423-C	3.0	3.0	3.0	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	3.0
C424-A	2.1	2.1	2.1	2.2	2.0	2.1	PO7	2.2	PO9	PO10	PO11	PO12
C424-B	2.8	2.8	2.7	2.8	2.8	2.8	PO7	2.7	PO9	PO10	PO11	PO12
C424-C	2.9	2.8	2.9	2.8	2.9	3.0	PO7	2.9	PO9	PO10	PO11	PO12
C425-A	2.8	2.8	2.8	2.8	2.8	PO6	PO7	PO8	2.8	2.8	2.8	PO12
C425-B	2.5	2.5	2.5	2.5	2.5	PO6	PO7	PO8	2.5	2.5	2.5	PO12
C425-C	2.9	2.9	2.9	2.9	2.9	PO6	PO7	PO8	2.9	2.9	2.9	PO12
C426-A	2.9	2.9	2.9	2.9	2.9	PO6	PO7	PO8	2.9	2.9	2.9	PO12
C426-B	2.9	2.9	2.9	2.9	2.9	PO6	PO7	PO8	2.9	2.9	2.9	PO12
C426-C	2.9	2.9	2.9	2.9	2.9	PO6	PO7	PO8	2.9	2.9	2.9	PO12
Indirect Assesment	2.29	2.29	2.29	2.28	2.29	2.36	2.35	2.36	2.31	2.37	2.26	2.29

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PO Attainment	2.49	2.48	2.55	2.50	2.56	2.68	2.29	2.34	2.59	2.50	2.32	2.43
Direct Attainment	2.54	2.53	2.61	2.56	2.63	2.76	2.28	2.34	2.66	2.53	2.34	2.47
InDirect Attainment	2.29	2.29	2.29	2.28	2.29	2.36	2.35	2.36	2.3	2.37	2.26	2.29

PSO Attainment

Course	PSO1	PSO2
C211-A	1.3	PSO2
C211-B	1.3	PSO2
C211-C	2.1	PSO2
C211-D	1.2	PSO2
C212-A	PSO1	PSO2
C212-B	PSO1	PSO2
C212-C	PSO1	PSO2
C212-D	PSO1	PSO2
C213-A	2.8	PSO2
C213-B	2.8	PSO2
C213-C	2.9	PSO2
C213-D	2.0	PSO2
C214-A	2.7	PSO2
C214-B	2.7	PSO2
C214-C	2.8	PSO2
C214-D	2.7	PSO2

C215-A	PSO1	1.20
C215-B	PSO1	1.24
C215-C	PSO1	1.95
C215-D	PSO1	1.95
C216-A	PSO1	PSO2
C216-B	PSO1	PSO2
C216-C	PSO1	PSO2
C216-D	PSO1	PSO2
C217-A	2.1	PSO2
C217-B	2.8	PSO2
C217-C	3.0	PSO2
C217-D	1.4	PSO2
C218-A	2.4	PSO2
C218-B	2.5	PSO2
C218-C	2.4	PSO2
C218-D	2.4	PSO2
C221-A	2.2	2.2
C221-B	2.2	2.2
C221-C	2.1	2.1
C221-D	2.2	2.2
C222-A	2.7	PSO2
C222-B	2.3	PSO2
C222-C	2.4	PSO2
C222-D	2.3	PSO2
C223-A	2.2	PSO2
C223-B	2.9	PSO2
C223-C	2.9	PSO2
C223-D	3	PSO2
C224-A	3.0	PSO2
C224-B	2.8	PSO2
C224-C	2.9	PSO2
C224-D	1.4	PSO2
C225-A	PSO1	1.20
C225-B	2.05	PSO2
C225-C	1.32	PSO2
C225-D	1.36	PSO2
C226-A	PSO1	PSO2
C226-B	PSO1	PSO2
C226-C	PSO1	PSO2
C226-D	PSO1	PSO2
C227-A	2.3	2.3

C227-B	2.4	2.4
C227-C	2.4	2.4
C227-D	2.3	2.3
C228-A	3.0	3.0
C228-B	3.0	3.0
C228-C	3.0	3.0
C228-D	3.0	3.0
C311-A	1.29	1.30
C311-B	1.29	1.30
C311-C	1.29	1.30
C311-D	1.29	1.30
C312-A	2.78	PSO2
C312-B	2.76	PSO2
C312-C	2.78	PSO2
C312-D	2.75	PSO2
C313-A	2.9	2.8
C313-B	2.9	2.9
C313-C	2.9	2.9
C313-D	2.1	2.1
C314-A	PSO1	2.9
C314-B	PSO1	2.9
C314-C	PSO1	2.8
C314-D	PSO1	2.8
C315-A	PSO1	2.8
C315-B	PSO1	2.7
C315-C	PSO1	2.8
C315-D	PSO1	2.8
C316-A	2.6	2.6
C316-B	3.0	3.0
C316-C	2.8	2.8
C316-D	2.7	2.7
C317-A	2.8	2.8
C317-B	2.9	2.9
C317-C	3.0	3.0
C317-D	2.8	2.8
C318-A	3.0	3.0
C318-B	3.0	3.0
C318-C	2.9	2.9
C318-D	3.0	3.0
C321-A	PSO1	2.9
C321-B	PSO1	3.0

C321-C	PSO1	2.9
C321-D	PSO1	3.0
C322-A	PSO1	2.8
C322-B	PSO1	1.9
C322-C	PSO1	1.9
C322-D	PSO1	2.5
C323-A	2.9	2.9
C323-B	2.2	2.2
C323-C	2.9	2.8
C323-D	2.9	2.9
C324-A	2.9	PSO2
C324-B	2.9	PSO2
C324-C	2.9	PSO2
C324-D	2.9	PSO2
C325-A	2.9	2.9
C325-B	2.9	2.8
C325-C	2.9	2.9
C325-D	2.8	2.9
C326-A	2.9	2.9
C326-B	2.7	2.7
C326-C	2.9	2.9
C326-D	2.9	2.9
C327-A	2.9	2.9
C327-B	2.9	2.9
C327-C	3.0	3.0
C327-D	2.9	2.9
C328-A	3.0	3.0
C328-B	3.0	3.0
C328-C	2.8	2.9
C328-D	3.0	3.0
C411-A	2.2	PSO2
C411-B	2.8	PSO2
C411-C	2.9	PSO2
C412-A	2.4	2.4
C412-B	2.4	2.4
C412-C	2.6	2.6
C413-A	2.1	PSO2
C413-B	2.9	PSO2
C413-C	2.8	PSO2
C414-A	2.8	PSO2
C414-B	2.8	PSO2

Course		
C414-C	2.8	PSO2
C415-A	2.1	2.1
C415-B	2.1	2.1
C415-C	2.9	2.9
C416-A	2.7	2.7
C416-B	2.0	1.9
C416-C	2.7	2.8
C417-A	2.9	2.9
C417-B	2.9	2.9
C417-C	2.9	2.9
C418-A	2.9	2.9
C418-B	2.9	2.9
C418-C	2.9	2.9
C421-A	2.9	PSO2
C421-B	3.0	PSO2
C421-C	2.9	PSO2
C422-A	2.9	PSO2
C422-B	3.0	PSO2
C422-C	3.0	PSO2
C423-A	3.0	PSO2
C423-B	3.0	PSO2
C423-C	3.0	PSO2
C424-A	PSO1	2.1
C424-B	PSO1	2.8
C424-C	PSO1	2.9
C425-A	2.8	PSO2
C425-B	2.5	PSO2
C425-C	2.9	PSO2
C426-A	2.9	PSO2
C426-B	2.9	PSO2
C426-C	2.9	PSO2
INDIRECT ASSESMENT	2.39	2.39
PSO Attainment	2.56	2.56

PSO Attainment Level

Course	PSO1	PSO2
CO Attainment	2.56	2.56
Direct Attainment	2.60	2.60
InDirect Attainment	2.39	2.39

4 STUDENTS' PERFORMANCE (150)

Total Marks: 97.18

Table 4.1

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2021-22	2020-21 (CAY)	2019-20 (CAYm1)	2018-19 (CAYm2)	2017-18 (CAYm3)	2016-17 (CAYm4)	2015-16 (CAYm5)	2014-15 (CAYm6)
Sanctioned intake of the program (N)	240	240	240	240	240	240	240	240
Total number of students admitted in first year minus number of students migrated to other programs/ institutions plus No. of students migrated to this program (N1)	263	185	194	154	157	194	182	33
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	-	64	29	79	23	37	25	27
Separate division students, If applicable (N3)		0	0	0	0	0	0	0
Total number of students admitted in the programme (N1 + N2 + N3)	263	249	223	233	180	231	207	60

Table 4.2

Year of entry	Total No.of students admitted in the program (N1 + N2 + N3)	Number of students who have successfully graduated without backlogs in any semester/ year of study (Without Backlog means no compartment or failures in any semester/ year of study)			
		I year	II year	III year	IV year
2021-22	263	0	0	0	0
2020-21 (CAY)	249	28	0	0	0
2019-20 (CAYm1)	223	13	14	0	0
2018-19 (CAYm2)	233	49	40	34	0
2017-18 (CAYm3)	180	22	24	18	17
2016-17 (LYG)	231	35	24	19	16
2015-16 (LYGm1)	207	32	26	19	16
2014-15 (LYGm2)	60	12	16	12	11

Table 4.3

Year of entry	Total No.of students admitted in the program (N1 + N2 + N3)	Number of students who have successfully graduated in stipulated period of study) [Total of with Backlog + without Backlog]			
		I year	II year	III year	IV year
2021-22	263	0	0	0	0
2020-21 (CAY)	249	184	0	0	0
2019-20 (CAYm1)	223	193	221	0	0
2018-19 (CAYm2)	233	149	225	225	0
2017-18 (CAYm3)	180	155	163	159	105
2016-17 (LYG)	231	181	211	198	125
2015-16 (LYGm1)	207	179	202	199	120
2014-15 (LYGm2)	60	31	58	58	35

4.1 Enrolment Ratio (20)

Total Marks   : 20.00

Institute Marks: 20.00

	N (From Table 4.1)	N1 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2021-22	240	263	109.58
2020-21 (CAY)	240	185	77.08
2019-20 (CAYm1)	240	194	80.83
2018-19 (CAYm2)	240	154	64.17

Average [(ER1 + ER2 + ER3) / 3]: 90

Assessment: 20.00

4.2   Success Rate in the stipulated period of the program (40)

Total Marks: 10.50

4.2.1 Success rate without backlogs in any semester / year of study (25)

Institute Marks: 2.00

Item	2017-18	Latest Year of Graduation, LYG (2016-17)	Latest Year of Graduation minus 1, LYGm1 (2015-16)	Latest Year of Graduation minus 2 LYGm2 (2014-15)
X Number of students admitted in the corresponding First year + admitted in 2nd year via lateral entry and separated division, if applicable	180	231.00	207.00	60.00
Y Number of students who have graduated without backlogs in the stipulated period	17	16.00	16.00	11.00
Success Index [SI = Y / X]	0.09	0.07	0.08	0.18

Average SI [(SI1 + SI2 + SI3) / 3]: 0.08

Assessment [25 * Average SI]: 2.00

4.2.2 Success rate in stipulated period (15)   Institute Marks: 8.50

Item	2017-18	Latest Year of Graduation, LYG (2016-17)	Latest Year of Graduation minus 1, LYGm1 (2015-16)	Latest Year of Graduation minus 2 LYGm2 (2014-15)
X Number of students admitted in the corresponding First year + admitted in 2nd year via lateral entry and separated division, if applicable	180	231.00	207.00	60.00
Y Number of students who have graduated in the stipulated period	105	125.00	120.00	35.00
Success Index [SI = Y / X]	0.58	0.54	0.58	0.58

Average SI [(SI1 + SI2 + SI3) / 3]: 0.57

Assessment [15 * Average SI]: 8.50

Note: If 100% students clear without any backlog then also total marks scored will be 40 as both 4.2.1 & 4.2.2 will be applicable simultaneously.

4.3 Academic Performance in Third Year (15)   Total Marks   : 10.98
                                                        Institute Marks: 10.98

Academic Performance	2018-19	CAYm3 (2017-18)	LYG (2016-17)	LYGm1 (2015-16)
Mean of CGPA or mean percentage of all successful students(X)	7.54	7.51	7.57	7.85
Total number of successful students(Y)	225	159.00	198.00	199.00
Total number of students appeared in the examination(Z)	225	163.00	211.00	202.00
API [X*(Y/Z)]:	7.54	7.33	7.10	7.73

Average API [(AP1 + AP2 + AP3)/3]: 7.32

Assessment [1.5 * Average API]: 10.98

4.4 Academic Performance in Second Year (15)

Total Marks: 10.77
Institute Marks: 10.77

Academic Performance	2019-20	CAYm2 (2018-19)	CAYm3 (2017-18)	LYG (2016-17)
Mean of CGPA or mean percentage of all successful students(X)	7.20	7.49	7.64	7.13
Total number of successful students (Y)	221	225.00	163.00	211.00
Total number of students appeared in the examination (Z)	222	228.00	178.00	218.00
API [X * (Y/Z)]	7.16	7.39	7.00	6.90

Average API [(AP1 + AP2 + AP3)/3]: 7.18

Assessment [1.5 * Average API]: 10.77

4.5 Placement, Higher Studies and Entrepreneurship (40)

Total Marks: 24.93
Institute Marks: 24.93

Item	(2018-19)	(2017-18)	LYGm1 (2016-17)	LYGm2 (2015-16)	LYGm3 (2014-15)
Total No.of Final Year Students(N)	225	159.00	198.00	199.00	58.00
No.of students placed in the companies or government sector(X)	146	102	107.00	106.00	32.00
No.of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level tests, GRE,GMAT etc.) (Y)	0	2	15.00	13.00	3.00
No.of students turned entrepreneur in engineering/technology (Z)	2	0	1.00	1.00	0.00
x + y + z =	148	104	123.00	120.00	35.00
Placement Index [(X+Y+Z)/N]:	0.65	0.65	0.62	0.60	0.60

Average Placement [(P1 + P2 + P3)/3]: 0.62

Assessment [40 * Average Placement]: 24.93

2017-18

S.No.	Student Name	Enrollment No	Employee Name	Appointment Letter reference no with date
1	Murali Krishna Gooturu	17MH1A0407	Wipro	03-07-2021
2	Sikakollu karthik	17MH1A0487	Wipro	13-07-2021
3	Koduri L S M Bhavani	17MH1A0424	Bct	27-05-2021
4	Kommu Prudhvibabu	17MH1A0426	Pwc	25-05-2021
5	Mani Vinodh Peketi	17MH1A0449	Amazon	31-01-2022
6	Pavani Nanduri	17MH1A0489	Infosys	09-10-2021
7	Syed Ashrafunnisa	17MH1A04F1	Infosys	09-10-2021
8	Sruthi Nunna	17MH1A0445	Dxc Technology	25-11-2020
9	Nerella Sowmya	17MH1A04D6	Netenrich	04-06-2021
10	Pedireddi Sri Durga Prasad	17MH1A0488	Tcs	11-03-2021
11	Pokanati Siva	17MH1A0491	Tech Mahindra	02-03-2021
12	Velamala Venkat Murthy	17MH1A04A4	Cognizant	30-08-2021
13	Devireddy Chandrasekhar	17MH1A04B1	Tech Mahindra	02-03-2021
14	Nimmagadda Swarna	17MH1A04B8	Atos	27-04-2021
15	Marni Satya Sai Brundana	17MH1A04D7	Atos	27-04-2021
16	Pappula Sri Raja Rajeswari	17MH1A04E0	Tcs	11-03-2021
17	Gollapalli Pranathi	17MH1A04E6	Tcs	18-12-2021
18	Seethala Bhagya Sri Lakshmi	17MH1A04E7	Atos	27-04-2021
19	Tangudu Yaswanth Kumar	17MH1A04F2	Wipro	13-07-2021
20	Athkuri Chandhanaashre	17MH1A0403	Dxc Technology	25-11-2020
21	Bavisetti Sirisha	17MH1A0406	Tech Mahindra	02-03-2021
22	Garaga Veera Venkata Rama Krishna	17MH1A0409	Pentagon Space	09-07-2021
23	Kala Rani Sathi	17MH1A0416	Dxc Technology	03-09-2020
24	G Sai Naga Lakshmi Gayatri	17MH1A0419	Atos	27-04-2021
25	Kaduluri Sridevi Krishna	17MH1A0422	Tech Mahindra	26-11-2021
26	K. Nagababu	17MH1A0423	Purple Talk	08-04-2021
27	Someswari Devi Magapu	17MH1A0433	Dxc Technology	25-11-2020
28	M. Srinivasa Raghuram	17MH1A0435	Infosys	09-10-2021
29	Lakshmi Prasanthi Nethi	17MH1A0436	Dxc Technology	25-11-2020

30	Mirapala Siva Yesu Durga Prashanth	17MH1A0437	Pentagon Space	09-07-2021
31	N.Bala Durga Mallesh	17MH1A0440	Wipro	22-11-2021
32	Narla Sindhura Devi	17MH1A0442	Tech Mahindra	19-03-2021
33	Dhana Lakshmi Pepakayala	17MH1A0448	Dxc Technology	25-11-2020
34	Patneedi Hema Raghu Bharathi	17MH1A0453	Tech Mahindra	02-03-2021
35	Jammana Chanukya Sai	17MH1A0464	Accenture	22-07-2021
36	Kamisetty Shanmukha Sriram Aditya	17MH1A0467	Pentagon Space	09-07-2021
37	Katamreddi Vijaya Prathap	17MH1A0468	Wipro	13-07-2021
38	Kotti Sravya	17MH1A0471	Bct	27-05-2021
39	Marella Lakshmi Lavanya	17MH1A0475	Pentagon Space	09-07-2021
40	Muthyala Krishna Sailaja	17MH1A0479	Global Edge	10-12-2021
41	Nukalabanthi Saiprasanna	17MH1A0482	Pentagon Space	09-07-2021
42	Palati Hemalatha	17MH1A0484	Tech Mahindra	02-03-2021
43	Sudha Rani Putta	17MH1A0492	Dxc Technology	25-11-2020
44	R.S.D.S. Ramakrishna Vamsi	17MH1A0494	Surya Tech Solutions	16-04-2021
45	Devika Rokalla	17MH1A0495	Dxc Technology	25-11-2020
46	Rokkam Ganesh	17MH1A0496	Pentagon Space	09-07-2021
47	Tungapalli Krishna Veera Manikanta	17MH1A04A1	Tech Mahindra	02-03-2021
48	Sailakshmi Tungapalli	17MH1A04A2	Wipro	13-07-2021
49	Adhikari Venkataratnam Naidu	17MH1A04A7	Accenture	22-07-2021
50	Atkuri Veera Venkata Sai Krishna	17MH1A04A8	Pentagon Space	09-07-2021
51	Dasari Narendra Babu	17MH1A04B0	Tcs Codevita	21-04-2021
52	Gampalaajay Durgavaraprasad	17MH1A04B2	Cognizant	23-09-2021
53	Golla Vinay Roy	17MH1A04B4	Pentagon Space	09-07-2021
54	Kamisetty Shanmukha V Lakshman Murthy	17MH1A04B9	Cognizant	23-09-2021
55	Kantheti Hasnitha	17MH1A04C0	Tech Mahindra	26-11-2021
56	Katari Veera Chakradhar	17MH1A04C4	Tcs(Ninja)	11-03-2021
57	Ganga Veerraju Korumilli	17MH1A04C7	Wipro	29-07-2021
58	S.Musthafa	17MH1A04D2	Surya Tech Solutions	16-04-2021
59	Nallamilli Vinitha Reddy	17MH1A04D3	Dxc Technology	04-10-2020
60	N. Vara Prasad	17MH1A04D4	Surya Tech Solutions	16-04-2021

61	Penmetsa Mahima Gayathri	17MH1A04E2	Infosys	09-10-2021
62	Jyothi Perugu	17MH1A04E3	Infosys	09-10-2021
63	Polavarapu Padmasri	17MH1A04E4	Tcs Nqt	11-03-2021
64	R. Venkata Krishna	17MH1A04E5	Surya Tech Solutions	16-04-2021
65	Sri Kala Godavarthi	17MH1A04E9	Dxc Technology	25-11-2020
66	Srinija	17MH1A04F6	Qspiders	12-02-2021
67	Kotni Aravindeswar	17PC1A0424	Accenture	22-07-2021
68	Gangiredla Mani	18MH5A0401	Tech Mahindra	02-03-2021
69	Kota Srinu	18MH5A0402	Xenon Stack	15-02-2021
70	Velidi Mohana Surya Kala	18MH5A0406	Dxc Technology	25-11-2020
71	Bheemireddi Ganesh	18MH5A0408	Pentagon Space	09-07-2021
72	Raj Kumar Golla	18MH5A0413	Dxc Technology	25-11-2020
73	Meesala Siva Shankar	18MH5A0414	Vpg Sensors	11-03-2021
74	Bheemireddy Navya Sai Satya	18MH5A0416	Wipro	24-08-2021
75	Marri Joshna Veera Mahalakshmi	18MH5A0418	Qspiders	12-02-2021
76	Nurukurthi Mallikarjun	18MH5A0419	Pentagon Space	09-07-2021
77	Bavisetti Deepika Venkata Durga	18MH5A0423	Pentagon Space	09-07-2021
78	Avula Naresh	17MH1A0404	Tcs	16-12-2021
79	Chintha Sudheer Bhargav Reddy	17MH1A0411	Mphasis	11-03-2021
80	Kolapati Narendrababu	17MH1A0425	Tcs	16-12-2021
81	Kothapalli Dharma Teja	17MH1A0429	Ib Hubs	01-03-2021
82	Kumpatla Suresh	17MH1A0431	Tcs	11-03-2021
83	Medisetty Ganesh	17MH1A0432	Tcs	11-03-2021
84	Pachchipala Sudarshan	17MH1A0447	Wipro	13-07-2021
85	Venkat Ramraju Pulla	17MH1A0454	Bct	27-05-2021
86	Boppana Lakshmi Durga Varaprasad	17MH1A0460	Tech Mahindra	02-03-2021
87	Koppireddy Venkata Satya Sai	17MH1A0470	Atos Global	27-04-2021
88	Marni Sunny	17MH1A0476	Tcs	11-03-2021
89	Karanki Sri Ram	17MH1A04C1	Infosys	09-10-2021
90	Pabbireddi Bhargava Durga Mahesh	17MH1A0446	Skill Mine Technology	11-03-2021
91	Savarapu Kiran	17MH1A0451	Mphasis	11-03-2021

92	Ganji Anusha	17MH1A0459	Wipro	13-07-2021
93	Masina Bharath Kumar	17MH1A0477	Atos	27-04-2021
94	Nurukurthi Naveen	17MH1A0483	Tcs	11-03-2021
95	Siddu Siva	17MH1A0498	Wipro	13-07-2021
96	Thota Satya Sai Navya	17MH1A0499	Wipro	13-07-2021
97	Cheerla Purushotham	18MH5A0417	Tcs	11-03-2021
98	Sayyed Hajee Baba	18MH5A0420	Tcs	11-03-2021
99	Malladi Sri Ram Trilok Chakravarthy	18MH5A0421	Wipro	13-07-2021
100	Nallamilli Vijaya Sri Ramya	17MH1A0441	Tech Mahindra	02-03-2021
101	Gorrela Sri Sai Durga Sowndarya	17MH1A0462	Tech Mahindra	02-03-2021
102	Kadiyam Bilvika	17MH1A0466	Tech Mahindra	02-03-2021

Program Name:
Assessment Year Name: CAYm1

S.No.	Student Name	Enrollment No	Employee Name	Appointment Letter reference no with date
1	Chinta Bharath Surya	16MH1A0411	Dxc Technology	23-06-2020
2	Adabala Veera Chandini	16MH1A0401	Dxc Technology	23-06-2020
3	Kotikalapudi Manisri Sowjanya	16MH1A0430	Dxc Technology	23-06-2020
4	Kasina Dhanaraju	16MH1A04F2	Wipro	12-06-2020
5	Peddireddi Narasimha Manikanta Sairaja	16MH1A0442	Wipro	12-06-2020
6	Maheswari Busala	16MH1A0409	Tcs	13-09-2019
7	Ravula Sri Surya Devi	16MH1A04B3	Vayu Group	29-09-2020
8	Reethika Haridasu	16MH1A04B4	Tcs	13-09-2019
9	Siraparapu Mounika	16MH1A04B8	United Industries	31-01-2020
10	V Usha Rani	16MH1A04C6	Tessolve	20-01-2020
11	Alladi Mahesh	16MH1A04C9	Tetrasoft	21-01-2020
12	A.L.N.R.Sriram	16MH1A04D0	Dxc Technology	23-06-2020
13	Kiran Kumar Bojja	16MH1A04D5	Dxc Technology	23-06-2020
14	Chikkala Naga Sai Lovaraju	16MH1A04D8	Surya Tech Solutions	19-09-2019
15	Gandepalli Kasulamma	16MH1A04E2	Thasmai Automation	08-02-2020
16	Ganni Bala Santhoshi	16MH1A04E3	Thasmai Automation	08-02-2020

17	Jujjavarapu Venkata Vijaya Lakshmi	16MH1A04F0	United Industries	31-01-2020
18	Palivela Venkatesh	16MH1A04A6	Surya Tech Solutions	19-09-2019
19	Manga Anusha Devi	16MH1A04G0	United Industries	31-01-2020
20	Oruganti Pavani	16MH1A04G7	Dxc Technology	23-06-2020
21	Penugonda Venkata Sai	16MH1A04H1	Surya Tech Solutions	19-09-2019
22	Pethakamsetti Srinu	16MH1A04H2	Surya Tech Solutions	19-09-2019
23	Vallepalli Durga Malleswari	16MH1A04I3	United Industries	31-01-2020
24	Yeluri Kalyani	16MH1A04I9	United Industries	31-01-2020
25	Bajinku Pavan Kumar	17MH5A0403	Surya Tech Solutions	19-09-2019
26	Boddeti Satish	17MH5A0404	Thasmai Automation	08-02-2020
27	Challa Roopa	17MH5A0405	United Industries	31-01-2020
28	Dudala Sindhu	17MH5A0407	United Industries	31-01-2020
29	Pechetti Hari Veeraganesh	17MH5A0417	Surya Tech Solutions	19-09-2019
30	Divya Sandeepthi Penupothula	17MH5A0418	Lti	27-08-2019
31	Posini Sai Kumar	17MH5A0419	Surya Tech Solutions	19-09-2019
32	Punyamanthula Jyothi	17MH5A0420	Thasmai Automation	08-02-2020
33	Uppu.Veera Venkata Damodhar Satyanarayana	17MH5A0426	Hexaware Technologies	13-10-2019
34	Vasamsetty Laxmi Prasanna	17MH5A0429	United Industries	31-01-2020
35	Tadi Vijaya Veena	17MH5A0430	United Industries	31-01-2020
36	K Lakshmi Narayana Naga Satya Sri	17MH5A0433	Dxc Technology	23-06-2020
37	Nadella Divya Rani	16MH1A04A1	United Industries	31-01-2020
38	Bathula Vijay Naga Chandra	16MH1A0405	United Industries	31-01-2020
39	Bikkina Veera Venkata Rama Rao	16MH1A0406	Surya Tech Solutions	19-09-2019
40	Boddu Jagadish	16MH1A0407	Surya Tech Solutions	19-09-2019
41	Vadrevu Revathi	16MH1A04B2	United Industries	31-01-2020
42	Chameeru S R L S S Sai Kumar	16MH1A0410	Surya Tech Solutions	19-09-2019
43	N V V S S Sai Ram Padala	16MH1A04A0	Medico Health Care	12-03-2020
44	Gunnam Lavanya	16MH1A0416	United Industries	31-01-2020
45	Ganta Sri Sailakshmi Rekha Devi	16MH1A0417	Sintex Bapl	30-01-2020
46	Gorjilla Bhagath	16MH1A0419	Surya Tech Solutions	19-09-2019
47	Janapaneedi Sravya Jyothi	16MH1A0421	Medico Health Care	12-03-2020
48	Kandikonda Harika	16MH1A0423	Thasmai Automation	08-02-2020
49	Kavuri Sri Hari	16MH1A0425	United Industries	31-01-2020

50	Bhavya Mounika Yadav	16MH1A0428	Tavant Technologies	07-12-2019
51	Nimmalapudi Krishna Priyanka	16MH1A04A4	Thasmai Automation	08-02-2020
52	Mallapragada Samba Siva Sai	16MH1A0431	Medico Health Care	12-03-2020
53	Marise Durga Bhavani	16MH1A0433	United Industries	31-01-2020
54	Mathamsetti Mahitha	16MH1A0434	Medico Health Care	12-03-2020
55	Mattey Pavan Vihari	16MH1A0435	Medico Health Care	12-03-2020
56	Mudumbai Naga Satya Naveen	16MH1A0436	United Industries	31-01-2020
57	Pappu Devi Venkata Atchiyyamma	16MH1A0440	Medico Health Care	12-03-2020
58	Pilli Naga Praneeth	16MH1A04A9	Thasmai Automation	08-02-2020
59	Polisetty Harshavardhan	16MH1A0444	Savantis Solutions	26-12-2019
60	Ravuri Anusha Devi	16MH1A0446	United Industries	31-01-2020
61	Reddi Siva Ramakrishna	16MH1A0447	Surya Tech Solutions	19-09-2019
62	Sara Honey Priya	16MH1A0450	United Industries	31-01-2020
63	Undavalli Durga Pavani	16MH1A0454	Thasmai Automation	08-02-2020
64	Vuddagiri Veera Venkata Satya Kameswararao	16MH1A0456	United Industries	31-01-2020
65	Velisetti A A V S Ch Asha Devi	16MH1A0459	Dxc Technology	23-06-2020
66	Yendru Veera Venkata Sunil Kumar	16MH1A0462	Surya Tech Solutions	19-09-2019
67	Yerramsetti Sai Chandrika	16MH1A0463	Medico Health Care	12-03-2020
68	Adapa Venkata Pavan Kumari	16MH1A0464	Surya Tech Solutions	19-09-2019
69	Avvari Suryateja	16MH1A0468	Surya Tech Solutions	19-09-2019
70	Behara Venkata Surya Sandeep	16MH1A0469	Surya Tech Solutions	19-09-2019
71	Chegondi Dharani	16MH1A0473	United Industries	31-01-2020
72	N V V S Dintakurthi	16MH1A0476	Tcs	13-09-2019
73	Ganisetti Madhuri	16MH1A0481	United Industries	31-01-2020
74	Gandham Lavanya	16MH1A0484	Dxc Technology	23-06-2020
75	Jonnada S R N D Lakshmi Supriya	16MH1A0486	United Industries	31-01-2020
76	Kayala Suresh Kumar	16MH1A0490	Surya Tech Solutions	19-09-2019
77	Marni Pavan Sai	16MH1A0497	Surya Tech Solutions	19-09-2019
78	Marni Satya Devi	16MH1A0498	United Industries	31-01-2020
79	Medipudi Prabhu Chandu	16MH1A0499	Surya Tech Solutions	19-09-2019
80	Nimmalapudi Devi Ramya Sai Lakshmi	16MH1A0438	Thasmai Automation	08-02-2020
81	Periyala Venkata Krishna Prasanna	16MH1A0443	Accenture	05-02-2020
82	Chodisetti Ganga Mahesh	16MH1A0475	Thasmai Automation	01-04-2020

83	Nallamilli Manikanta	16MH1A04A3	Thasmai Automation	01-04-2020
84	Vallabhani Himabindu	16MH1A04C1	Thasmai Automation	01-04-2020
85	Karri Ramakrishna Reddy	16MH1A0424	Medico Health Care	15-04-2020
86	Keta Mahesh	16MH1A0426	Medico Health Care	15-04-2020
87	Ganuboyina Sri Naga Sri Hasini	16MH1A0482	Medico Health Care	15-04-2020
88	Keta Teja	16MH1A0491	Medico Health Care	15-04-2020
89	Sadu Prasanna Sai	16MH1A04B5	Medico Health Care	15-04-2020
90	Velankayala Srikanth	16MH1A04C3	Savantis Solutions	05-02-2020
91	Gokavarapu Prajitha Sai Lakshmi	16MH1A04E5	Savantis Solutions	05-02-2020
92	Masimukkula Sri Tulasi	16MH1A04G1	Savantis Solutions	05-02-2020
93	Relangi Akhilandeswari	16MH1A04H5	Savantis Solutions	05-02-2020
94	Danimireddy Mahesh	16MH1A0413	Tech Mahindra	18-03-2020
95	Kothem Ramnadh	16MH1A0429	Capgemini	18-02-2020
96	Korla Mahalakshmi	16MH1A0493	Infosys	26-11-2019
97	Peruri Venkata Satya Lakshmi	16MH1A04A8	Wipro	12-06-2020
98	Pavuluri Meghana	16MH1A04B1	Tcs	13-09-2019
99	Sidda Chittivenkayya	16MH1A04B7	Tcs	13-09-2019
100	Mohammad Shaira Banu	17MH5A0410	Medico Health Care	15-04-2020
101	Attada Jagadeshwara Rao	16MH1A04D1	Infosys	26-11-2019
102	Chundru Veera Sai Sandhya	16MH1A04D9	Deloitte	06-02-2020
103	Dadi Vinay Kumar	16MH1A04E0	Deloitte	06-02-2020
104	Gedela Sunny Kumar	16MH1A04E4	Tcs	13-09-2019
105	Kosara Satish	16MH1A04F5	Tcs	13-09-2019
106	Yarakam Siva Ganga Durga Pradeep Reddy	16MH1A04I8	Infosys	26-11-2019
107	Dhulipudi Surya Anand Kumar	17MH5A0435	Hcl	17-10-2020

Assessment Year Name: CAYm2

S.No	Student Name	Enrollment No	Employee Name	Appointment Letter reference no with date
1	Bollina Mehar Lavanya	15MH1A0407	Ibeon Infotech	09-02-2019
2	Bonthu Chaitanya Pavan	15MH1A0408	Capgemini	03-11-2018
3	Godithi Teja	15MH1A0414	Surya Tech Solutions	12-02-2019
4	Kamma Jagadeesh	15MH1A0420	Surya Tech Solutions	12-02-2019

5	Padala Tata Sidda Reddy	15MH1A0434	Nandee Networks	18-03-2019
6	Pedapati Pradeep	15MH1A0440	Ibeon Infotech	09-02-2019
7	Penumarthi Sunitha Devi	15MH1A0441	Cognizant	07-02-2019
8	Sankaramanchi Hima Bindhu	15MH1A0447	Nandee Networks	18-03-2019
9	Sannidhiraju V V N D B Bhaskara Manikanta	15MH1A0448	Surya Tech Solutions	12-02-2019
10	Sathi Vijaya Durga Venkata Reddy	15MH1A0449	Nandee Networks	18-03-2019
11	Takkasila Lakshmi Naga Sai Lavanya	15MH1A0453	Tcs	06-10-2018
12	Talluri Sravya Rekha	15MH1A0454	Capgemini	03-11-2018
13	Tumpati Anand Kumar	15MH1A0455	Surya Tech Solutions	12-02-2019
14	Vakkapatla Vineetha	15MH1A0458	Aryaan Solutions	19-03-2019
15	Akula Baba Karthik	15MH1A0462	Surya Tech Solutions	12-02-2019
16	Alavala Sai Gowtham Reddy	15MH1A0463	Infosys	09-11-2018
17	Bandi Abhiram Jayanth	15MH1A0465	Ibeon Infotech	09-02-2019
18	Bhuvanasi Anitha	15MH1A0466	Segurosoft	24-11-2018
19	Kedarisetty Swamy	15MH1A0483	Chola Ms General Insurance	26-03-2019
20	Kottu Laxmi Gouri Tulasi Priyanka	15MH1A0485	Pathfront	23-03-2019
21	Lakshmi Sivamani Hanuman Venkatesh	15MH1A0486	Nandee Networks	18-03-2019
22	Nagavarapu Naga Prudhvi Raj	15MH1A0492	Nandee Networks	18-03-2019
23	Nallamilli Syamala	15MH1A0493	Nandee Networks	18-03-2019
24	Ramireddy Mounika	15MH1A04A2	Nandee Networks	18-03-2019
25	Reddy Sriram Karthik	15MH1A04A3	Nandee Networks	18-03-2019
26	Saladi Sai Phani Kumar	15MH1A04A4	Cognizant	07-02-2019
27	Siripurapu Pavan Manikanta	15MH1A04A6	Surya Tech Solutions	12-02-2019
28	Sivani Pappu	15MH1A04A7	Tcs	06-10-2018
29	Sunkavilli Sri Satya Manikanteswari	15MH1A04A9	Ibeon Infotech	09-02-2019
30	Syed Karimunnisa Tabereen	15MH1A04B1	Prolifics	29-03-2019
31	Akula Haritha	15MH1A0402	Nandee Networks	18-03-2019
32	Vetsa S S M Sowjanya	15MH1A04B7	Nandee Networks	18-03-2019
33	Vuta Lakshmi Chakra Sai Srujana	15MH1A04B8	Ibeon Infotech	09-02-2019
34	Yerramsetti Naveen	15MH1A04B9	Surya Tech Solutions	12-02-2019

35	Polisetty Govindaraju	15MH1A04C2	Savantis	15-02-2019
36	Bantapalli Vinod	15MH1A04C3	Surya Tech Solutions	12-02-2019
37	Barre Sairaj	15MH1A04C5	Ibeon Infotech	09-02-2019
38	Chikkala Munieswar	15MH1A04D1	Surya Tech Solutions	12-02-2019
39	Deepthi Sri Veera Sai Ambica Patneedi	15MH1A04D4	Ibeon Infotech	09-02-2019
40	Gattim Ganga Sirisha	15MH1A04D8	Pathfront	23-03-2019
41	Gopi Venkata Kranthiveer	15MH1A04E0	Nandee Networks	18-03-2019
42	Jagatha Navya Sai	15MH1A04E3	Nandee Networks	18-03-2019
43	Kanumuri Sri Sindhura	15MH1A04E8	Capgemini	03-11-2018
44	Lingam Kishore	15MH1A04F2	Surya Tech Solutions	12-02-2019
45	Medapati Sesha Venkata Krishna Reddy	15MH1A04F7	Ibeon Infotech	09-02-2019
46	Pedapudi Nagini	15MH1A04G0	Nandee Networks	18-03-2019
47	Pulagam Sri Kalyana Rama Reddy	15MH1A04G3	Surya Tech Solutions	12-02-2019
48	Rongala Venkata Lakshmi	15MH1A04G5	Nandee Networks	18-03-2019
49	Siddha Ramanjaneyulu	15MH1A04G7	Surya Tech Solutions	12-02-2019
50	Siriparapu Venkatesh	15MH1A04G9	Surya Tech Solutions	12-02-2019
51	Tatavarthi Sirisha Devi	15MH1A04H1	Ibeon Infotech	09-02-2019
52	Vaitla Siva Nandini	15MH1A04H6	Nandee Networks	18-03-2019
53	Korada Srikanya	15MH1A04I1	Ibeon Infotech	09-02-2019
54	Dasam Sai Naga Chakra Dora	16MH5A0401	Surya Tech Solutions	12-02-2019
55	Gollapalli V N S Sai Kumar	16MH5A0402	Nandee Networks	18-03-2019
56	Inti Surendra Kumar	16MH5A0404	Nandee Networks	18-03-2019
57	Vahnika Meka	16MH5A0406	Prolifics	29-03-2019
58	Karanam Sirisha	16MH5A0407	Ibeon Infotech	09-02-2019
59	Kamana Nookaraju	16MH5A0408	Surya Tech Solutions	12-02-2019
60	Maddukuri Veera Venkata Satyanarayana	16MH5A0411	Nandee Networks	18-03-2019
61	Manthina Jai Sairam	16MH5A0412	Nandee Networks	18-03-2019
62	Medisetti Satish	16MH5A0413	Nandee Networks	18-03-2019
63	Mudadla Narayanarao	16MH5A0414	Surya Tech Solutions	12-02-2019
64	Pasupuleti Dinesh Kumar	16MH5A0415	Surya Tech Solutions	12-02-2019
65	Sri Harsha Sanku	16MH5A0416	Ib Hubs	06-04-2019

66	Sheik Alli	16MH5A0417	Nandee Networks	18-03-2019
67	Sunkavilli Lakshminarayana	16MH5A0418	Surya Tech Solutions	12-02-2019
68	Thotakura Siva	16MH5A0420	Surya Tech Solutions	12-02-2019
69	V.Deepak Sita Ram	16MH5A0422	Surya Tech Solutions	12-02-2019
70	Yanamadala Sai Poojitha	15MH1A0459	Capgemini	03-11-2018
71	Pendyala Gowtham	15MH1A0498	Infosys	09-11-2018
72	Prathipati Maha Veera Prasanna Sai Ram	15MH1A0499	Accenture	05-01-2019
73	Susmitha Singh	15MH1A04B0	Ib Hubs	06-04-2019
74	Vattikuti Navya	15MH1A04B5	Tcs	06-10-2018
75	Adabala Sasi Krishnamadhuri	15MH1A0401	Aryaan Solutions	19-03-2019
76	Jyothula Venkata Sai Prathima	15MH1A0417	Pathfront	23-03-2019
77	K Akhanda Aishwarya	15MH1A0418	Chola Ms General Insurance	26-03-2019
78	Kalaga Lavanyadevi	15MH1A0419	Aryaan Solutions	19-03-2019
79	Koduru Lakshmi Sai Priyanka	15MH1A0422	Prolifics	29-03-2019
80	Nagulapalli Leela Kalyani	15MH1A0429	Pathfront	23-03-2019
81	Nimmalapudi Sandhya	15MH1A0433	Aryaan Solutions	09-04-2019
82	Padimi Kesavi Latha	15MH1A0435	Prolifics	02-05-2019
83	Uggirala Suneetha	15MH1A0457	Pathfront	16-04-2019
84	Chitneedi Baby Nikitha	15MH1A04D2	Prolifics	02-05-2019
85	Dudala Ram Bharathi	15MH1A04D7	Aryaan Solutions	09-04-2019
86	Godavarthi Venkatesh	15MH1A04D9	Ib Hubs	24-05-2019
87	Kakarapalli Manasa Durga	15MH1A04E5	Chola Ms General Insurance	13-05-2019
88	Koppula Sunanda	15MH1A04F0	Aryaan Solutions	09-04-2019
89	Kotha Thushara Devi	15MH1A04F1	Prolifics	02-05-2019
90	Matlaparthi Sandhya Rani	15MH1A04F6	Aryaan Solutions	09-04-2019
91	Mohammad Saqlain	15MH1A04F8	Chola Ms General Insurance	13-05-2019
92	Naraharisetti Sasi Madhuri	15MH1A04F9	Pathfront	16-04-2019
93	Pilla Veera Anusha	15MH1A04G2	Ib Hubs	24-05-2019
94	Rayapureddy Sai Aparna Tejasri	15MH1A04G4	Chola Ms General Insurance	13-05-2019
95	Thota Rupa Devi	15MH1A04H3	Ib Hubs	06-04-2019

96	Turaga Sri Sai Vyshnavi	15MH1A04H9	Prolifics	02-05-2019
97	Kunapareddy Veera Pravallika	16MH5A0405	Pathfront	16-04-2019
98	Khandavalli Chaitanya	16MH5A0409	Prolifics	02-05-2019
99	Tamma Tiru Vasu Mani Siva Devareddi	16MH5A0419	Chola Ms General Insurance	13-05-2019
100	Tummalapalli Veera Subrahmanyam	16MH5A0421	Ib Hubs	24-05-2019
101	Vetsa Saivamsi	16MH5A0425	Pathfront	16-04-2019
102	Chandrada Sai Aparna	15MH1A0472	Ib Hubs	24-05-2019
103	Chava Varalakshmi Devi	15MH1A0473	Ib Hubs	24-05-2019
104	Gollapalli Padmaja	15MH1A0478	Ib Hubs	24-05-2019
105	Kancharla Pushpa Sai Mounika	15MH1A0481	Ib Hubs	24-05-2019
106	Manyala Sai Nishitha	15MH1A0490	Chola Ms General Insurance	13-05-2019

Assessment Year Name: CAYm3

S.No	Student Name	Enrollment No	Employee Name	Appointment Letter reference no with date
1	Aratakatla Satya Siva Adithya	14MH1A0401	Efftronics	15-03-2018
2	Gudimetla Sridevi	14MH1A0405	Foxconn	27-02-2018
3	Gundra Yesu Rekha	14MH1A0406	Foxconn	27-02-2018
4	Guttula Harish	14MH1A0407	Nandee Networks	25-04-2018
5	Kambapu Manoj Sai Ram	14MH1A0410	Nandee Networks	25-04-2018
6	Kappala Lakshmi Deepthi	14MH1A0411	Foxconn	27-02-2018
7	Kundula Bharath Kumar	14MH1A0414	Tidells	22-03-2018
8	Lanka Aruna	14MH1A0415	C-Core	16-09-2017
9	Nandikolla Nookambika	14MH1A0418	Foxconn	27-02-2018
10	Yerra Sai Rukesh Kumar	14MH1A0427	Nandee Networks	25-04-2018
11	Mummidi Swaroopa Devi	14MH1A0429	Nandee Networks	25-04-2018
12	Yalamati Sravani	14MH1A0431	Nandee Networks	25-04-2018
13	Gandi Naga Susmita	14MH1A0433	Nandee Networks	25-04-2018
14	Angirekula Eleshbabu	15MH5A0402	Nandee Networks	25-04-2018
15	Bukka Sireesha Devi	15MH5A0405	Foxconn	27-02-2018
16	Gonthireddy Ramya	15MH5A0406	Novel Patent Services	26-02-2018

17	Jakka Saikumar	15MH5A0408	Surya Tech Solutions	09-02-2018
18	Mattadi Suneel Kumar	15MH5A0412	Surya Tech Solutions	09-02-2018
19	Mirthipati Mahesh	15MH5A0414	Nandee Networks	25-04-2018
20	Thota Jagadish Satya Vardhan	15MH5A0421	Nandee Networks	25-04-2018
21	Uppuluri Veera Babu	15MH5A0422	Nandee Networks	25-04-2018
22	Vallabhadasu Siva Ganga Bhavani	15MH5A0424	Novel Patent Services	26-02-2018
23	Vatturi Jeevan Kumar	15MH5A0425	Nandee Networks	25-04-2018
24	Keerthi Chandrasekhar	14MH1A0413	Tidells	05-05-2018
25	Shaik Hima Munnisa	14MH1A0421	Novel Patent Services	11-04-2018
26	Vasamsetti Akila Chandini	14MH1A0424	Hcl	08-05-2018
27	Vasireddi Nikhita Sowmya	14MH1A0426	Tidells	05-05-2018
28	Thondapu Durga Sai Mounika	14MH1A0428	Hcl	08-05-2018
29	Ankabathula Chandrasekhar	15MH5A0403	Nandee Networks	17-05-2018
30	Bathula Teja	15MH5A0404	Efftronics	28-04-2018
31	Gummarekula Swarna Rekha	15MH5A0407	Novel Patent Services	11-04-2018
32	Kesana Hari Babu	15MH5A0410	Efftronics	28-04-2018

4.6 Professional Activities (20)

4.6.1 Professional societies/ chapters and organizing engineering events (5)

Institute Marks: 5.00

Professional Society Membership Details

S.No.	Name of the Professional Society	No.of Faculty Memberships	No.of Student's Memberships
1.	ISTE	7	
2.	IETE	32	308
3.	IAENG	2	
4.	IE	1	

List of Faculty as Professional body members

S.No.	Name of the faculty	Name of professional society as member	
1	Dr. Guttula Rama Krishna	IETE	
2	Geesala Veerapandu	IETE	ISTE
3	Dr. G. Meenakshisundaram	IETE	
4	Dr. Utla.S.B.K. Mahalaxmi	IETE	
5	Dr. R. Raman	IETE	ISTE
6	Dr. G. Jaffino	IETE	ISTE
7	Dr. Inamul Hussain	IETE	
8	M. Venkateswarlu	IETE	
9	P. Ramesh	IETE	
10	M. Kishore Kumar	IETE	
11	Mandipudi Raghunath	IETE	ISTE
12	Ketha Mahesh Babu	IETE	ISTE
13	Y Sugandhi Naidu	IETE	ISTE
14	B Jagadeesh Babu	IETE	ISTE
15	P.V.N.D. K. Kishore	IETE	
16	Kalesh Busa	IETE	IAENG
17	K.V. Balaramakrishna	IETE	IAENG
18	K. Chandra Sekhar	IETE	
19	T. Krishna Mohana	IETE	IE
20	K. Sangeet Kumar	IETE	
21	P. Bhupa Reddy	IETE	
22	Chavvakula Janaki Devi	IETE	
23	M. Madhu Manikya Kumar	IETE	
24	K. Suma	IETE	
25	K. Vijaya Kumari	IETE	
26	P. Mamathadevi	IETE	
27	T. Phanimala	IETE	
28	Sripathi Siva Prasad	IEEE	
29	Pandiri Jhansi	IETE	
30	Venneti Kiran	IETE	
31	K.Hima Bindu	IETE	
32	M. Sudheer Kumar Reddy	IETE	

List of Students as Professional body members

S.No	Roll Number	Name of the Student	Membership Chapter
1	18MH1A0401	Balusu Charishma	IETE
2	18MH1A0402	Bathula Swathi	IETE
3	18MH1A0403	Bhusani Gopal	IETE
4	18MH1A0404	Bodireddy Surendra	IETE
5	18MH1A0405	Bonam Venkata Sai	IETE
6	18MH1A0406	Boppana Hema Chandu	IETE
7	18MH1A0407	Burra Sri Durga Chandrika	IETE
8	18MH1A0410	Chokka Santhi Sowjanya Mani	IETE
9	18MH1A0411	Chundru Satwika	IETE
10	18MH1A0412	Dadi Lakshman Kumar	IETE
11	18MH1A0413	Desina Lavanya	IETE
12	18MH1A0414	Giduturi Vijaya Durga Prasad	IETE
13	18MH1A0417	Jammu Neelima	IETE
14	18MH1A0419	Kambala Jhansi Alekhya	IETE
15	18MH1A0420	Kanchipati Srikanth	IETE
16	18MH1A0428	Kusumanchi Srikanth	IETE
17	18MH1A0429	Mamidipaka Eswar Kalyan	IETE
18	18MH1A0430	Menda S V S L Sri Padmaja	IETE
19	18MH1A0438	Pallela Sri Adilakshmi	IETE
20	18MH1A0439	Pandiri Venkata Rahul	IETE
21	18MH1A0445	Prodduturi Nihar Mani Theja	IETE
22	18MH1A0451	Varanasi R L L S D Keerthipriya	IETE
23	18MH1A0452	Yalla Suma	IETE
24	18MH1A04A5	Allaka Bhanu Sowmya	IETE
25	18MH1A04A6	Alli Sunil Kumar	IETE
26	18MH1A04A9	Bonthu Ramya	IETE
27	18MH1A04B2	Dasari Satya Spandana	IETE

28	18MH1A04B3	Dasari Venkata Sai Ram	IETE
29	18MH1A04B5	Dhulipudi Lakshman Sandeep	IETE
30	18MH1A04B6	Gamini Sai Srujana	IETE
31	18MH1A04B9	Kadari Madhu Varma	IETE
32	18MH1A04C0	Kandula Swamy	IETE
33	18MH1A04C1	Kandula Vimala Chowdary	IETE
34	18MH1A04C2	Kilaparthi Naga Havisha	IETE
35	18MH1A04C4	Kolluri Upendra	IETE
36	18MH1A04C5	Kota Manikanta Reddy	IETE
37	18MH1A04C6	Krishnasrikanth K	IETE
38	18MH1A04C8	Kurukuri Srujana	IETE
39	18MH1A04C9	M Manoj Sai	IETE
40	18MH1A04D0	M Somesh Chandra	IETE
41	18MH1A04D1	Maddula Ram Manohar Sri Govinda	IETE
42	18MH1A04D2	Magapu Mani Kiran	IETE
43	18MH1A04D4	Melimi Bhanu Chand	IETE
44	18MH1A04D5	Oleti Venkata Malleswari	IETE
45	18MH1A04D7	Pavan Satya Sridhar Amirisetti	IETE
46	18MH1A04D9	Pericherla Devi Alekya	IETE
47	18MH1A04E3	Puppala Rajesh	IETE
48	18MH1A04E4	Pydi Manideep	IETE
49	18MH1A04E5	Ravanam Namratha	IETE
50	18MH1A04E6	Relangi Venkata Avinash	IETE
51	18MH1A04E7	Sheik Tanveerunnisa	IETE
52	18MH1A04E8	Sutar Harish Kumar	IETE
53	18MH1A04E9	Thotakura Naga Kalyan	IETE
54	18MH1A04F0	Valluri Venkata Janardhana Chowdary	IETE
55	18MH1A04F1	Vasamsettti Datta Tripura	IETE
56	18MH1A04F2	Vaskuri Adi Sai Subrahmanyam	IETE
57	18MH1A04F3	Vutukuru Sri Chandana	IETE

58	18MH1A04F5	Nethi Lakshmi Venkatarama Ganapathi	IETE
59	18MH1A04F6	Bhuma Naga Venkata Sri Vishu Sai Siddhu	IETE
60	18MH5A0403	Lakam V M L L Durga Mutyalu	IETE
61	19MH5A0401	Vasamsetti Madhava Sai Teja	IETE
62	19MH5A0410	Peddintibhattaru Sri Venkata Jagannadh	IETE
63	19MH5A0411	Koppula Sandeep Reddy	IETE
64	19MH5A0412	Kakarapalli Lalitha	IETE
65	19MH5A0413	Adapa Vineesha	IETE
66	19MH5A0414	Akula Yedukondalu	IETE
67	19MH5A0418	Bavisetti Vani	IETE
68	19MH5A0419	Boddu Janardhana Vamsi	IETE
69	19MH5A0421	Chappagadda Sri Lakshmi	IETE
70	19MH5A0423	Chekka Rajesh	IETE
71	19MH5A0424	Chinta Venkata Sai Hanumath Krishna Murthy	IETE
72	19MH5A0425	Chintakrinda Ranjith Kumar	IETE
73	19MH5A0426	Chintalapudi Teja Satya Srinivas	IETE
74	19MH5A0427	Dabbugodla Sujatha	IETE
75	19MH5A0428	Dadisetti Putrayya	IETE
76	19MH5A0430	Dwarampudi Sai Siva Reddy	IETE
77	19MH5A0431	Gadde Rama Krishna	IETE
78	19MH5A0433	Gopi Pavanakrishna	IETE
79	19MH5A0435	Gundumalla Bhavani Shankar	IETE
80	19MH5A0436	Kadiyala Gopal Chandra Sri	IETE
81	19MH5A0437	Kanala Mahendranath Reddy	IETE
82	19MH5A0439	Kanigiri Ratna Kumari	IETE
83	19MH5A0440	Karedla Suryaprakash	IETE
84	19MH5A0441	Karri Srinivasa Rao	IETE
85	19MH5A0443	Kodiguddu Satyasai	IETE
86	19MH5A0444	Koduri Subrahmanyam	IETE
87	19MH5A0454	Parimi Veera Venkata Vara Prakash	IETE

88	19MH5A0455	Patnala Uma Naga Devi	IETE
89	19MH5A0456	Peddi Likhit Surya	IETE
90	19MH5A0458	Pitta Sunil Kumar	IETE
91	19MH5A0459	Pothamsetti Naveen Reddy	IETE
92	19MH5A0460	Puranapanda Kameswararao	IETE
93	19MH5A0461	Shanmukha Sai Santhoshkumar	IETE
94	19MH5A0463	Sodagam Machara Satya Durga Malleswari	IETE
95	19MH5A0465	Teku Yamini Devi	IETE
96	19MH5A0466	Thota Mavish	IETE
97	19MH5A0467	Thotakura Navya	IETE
98	19MH5A0468	Vasamsetti Veera Bhavani	IETE
99	19MH5A0471	Tulimelli Anusha	IETE
100	19MH5A0478	Gandham Adithya	IETE
101	19MH1A0401	Akula Chittabbai	IETE
102	19MH1A0402	Ambir Venkata Sireesha	IETE
103	19MH1A0404	Bacchu Sateesh Kumar	IETE
104	19MH1A0406	Chatti Jaya Venkata Abhiram	IETE
105	19MH1A0408	Dabbala Yatish Madhav	IETE
106	19MH1A0409	Duddu Sita Maha Laxmi	IETE
107	19MH1A0411	Gondi Siva Kumar	IETE
108	19MH1A0413	Javvadi Ganga Anusha	IETE
109	19MH1A0415	Kandula Sai Sandeep	IETE
110	19MH1A0416	Kaparapu Sri Sai Gana Vivaswanth	IETE
111	19MH1A0417	Karnuri Raviteja	IETE
112	19MH1A0419	Konujula Samyuktha	IETE
113	19MH1A0420	Kopparala Narasimha Ganapathi Varma	IETE
114	19MH1A0421	Korla Hemanthveeraramadurgaprasad	IETE
115	19MH1A0422	Kukkaramatla Manoj Kumar	IETE
116	19MH1A0423	Kunche Gowri Lakshmi Venkata Satyasai	IETE
117	19MH1A0426	Matta Devi Sri Sai Rama Karthikeya Goud	IETE

118	19MH1A0427	Mogali Siva Chandra	IETE
119	19MH1A0429	Nanduri Parimala	IETE
120	19MH1A0432	Padala Joshi Swami Manikanta	IETE
121	19MH1A0433	Palakurthi Durga Prasad	IETE
122	19MH1A0434	Pandi Naga Vinayaka Karthik Damodar	IETE
123	19MH1A0436	Peddi Prabha Devi	IETE
124	19MH1A0438	Pirla Sanjay Kumar	IETE
125	19MH1A0439	Rasamsetti Sandhya	IETE
126	19MH1A0440	Regulavalasa Prem Satya Sai Sree Thilak	IETE
127	19MH1A0441	Sathya Divya Theeparthi	IETE
128	19MH1A0442	Satti Ramyasri	IETE
129	19MH1A0444	Sirigina Padmasri Vijayadurga	IETE
130	19MH1A0445	Sunkara Geya Vineela	IETE
131	19MH1A0446	Tummala Rakesh	IETE
132	19MH1A0447	Uddisa Naga Venkata Narasimha Murthy	IETE
133	19MH1A0448	Varipalli Naga Adhikya	IETE
134	19MH1A0450	Vidiyala Yuvasri	IETE
135	19MH1A0452	Ainala Anitha Karuna Jyothi	IETE
136	19MH1A0453	Allam Sai Sravani	IETE
137	19MH1A0455	Bareddy Srinivasa Reddy	IETE
138	19MH1A0456	Chevvakula Teja Shiva Krishna	IETE
139	19MH1A0457	Chilakamarri Venkat	IETE
140	19MH1A0459	Chukkana Sai Sreeram Varma	IETE
141	19MH1A0465	Gollapalli Suchithra	IETE
142	19MH1A0466	Gopu Venkatarao	IETE
143	19MH1A0471	Karri Chandrika Ruchitha	IETE
144	19MH1A0472	Karri Keerthi Reddy	IETE
145	19MH1A0475	Kurella Sai Sahithi	IETE
146	19MH1A0478	Mukku Lahari	IETE
147	19MH1A0486	Rekhapalli Teja Satya Sai Manikanta	IETE

148	19MH1A0488	Sahithi Penmetsa	IETE
149	19MH1A0490	Sanapathi Kamal Chiranjeevi	IETE
150	19MH1A0491	Siddu Sandhya	IETE
151	19MH1A0494	Taninki Venkatesh	IETE
152	19MH1A0496	Udigula Kusuma	IETE
153	19MH1A0498	Vangalapudi Sai Sekhar	IETE
154	19MH1A0499	Vuppu Swathi Sri Valli	IETE
155	19MH1A04A2	Bala Virinchi Chittumuri	IETE
156	19MH1A04A3	Bandaru Bhaskara Rao	IETE
157	19MH1A04A5	Bhogi Sai Charan	IETE
158	19MH1A04A6	Burela Navya Shri	IETE
159	19MH1A04A7	Chandaka Rama Krishna	IETE
160	19MH1A04A8	Chikkam Sri Sandeep	IETE
161	19MH1A04A9	Chilukuri Sai Praneep Reddy	IETE
162	19MH1A04B0	D.Govinda Sai	IETE
163	19MH1A04B1	Daggu Manikanta	IETE
164	19MH1A04B3	Desetti Sai Kiran	IETE
165	19MH1A04B4	Gandu Navya Gayatri	IETE
166	19MH1A04B6	Golusu Mohana Srija	IETE
167	19MH1A04B7	Gopisetti Srinivasalakshmanagupta	IETE
168	19MH1A04B8	Gowtham Raj Khandavalli	IETE
169	19MH1A04B9	Gudduri Geethanjali	IETE
170	19MH1A04C0	Gummalla Kalyani	IETE
171	19MH1A04C7	Manyam Satyapriya	IETE
172	19MH1A04C8	Marneedi Lalitha Ratnam	IETE
173	19MH1A04D5	Nagulapalli Leela Ratna Sree	IETE
174	19MH1A04D9	Padala Jagadeeswari	IETE
175	19MH1A04E0	Palla Veera Venkata Sai Hemanth	IETE
176	19MH1A04E1	Patapati Shailusha	IETE
177	19MH1A04E3	Sandeep Chodisetti	IETE

178	19MH1A04E4	Sayyad Ashrafunnisa	IETE
179	19MH1A04E6	Tathini Vamsi Krishna Sai	IETE
180	19MH1A04E7	Veduruparthy Sri Sai Ram	IETE
181	19MH1A04F0	Vuppu Lakshmana Sasi Avinash	IETE
182	19MH1A04F1	Adabala Madhu	IETE
183	19MH1A04F2	Aganti Meghana Rajarajeswari	IETE
184	19MH1A04F3	Arji Rajesh	IETE
185	19MH1A04F5	Bommisetti Meghana	IETE
186	19MH1A04F7	Challa Devi Abhishek	IETE
187	19MH1A04F8	Challa Jaya Kumar	IETE
188	19MH1A04G1	Garaga Bhagyasri	IETE
189	19MH1A04G3	Gorijala Sai Lakshmi Anuhya	IETE
190	19MH1A04G5	Jahnavi Chilukuri	IETE
191	19MH1A04G6	Janga Indira Iswaryambika	IETE
192	19MH1A04G7	Kadimisetti Devi Vara Prasad Reddy	IETE
193	19MH1A04G9	Kambhampati Ravi Teja	IETE
194	19MH1A04H0	Kancharla Vivek Santhosh	IETE
195	19MH1A04H1	Kapaganti Lakshmi Manasa	IETE
196	19MH1A04H5	Maddala Sireesha	IETE
197	19MH1A04H9	Mygapula Sri Ramya	IETE
198	19MH1A04I0	Nagam Ramu	IETE
199	19MH1A04I9	Valeti Balaji	IETE
200	19MH1A04J0	Vasupilli Solomonu	IETE
201	19MH1A04J1	Veera Sneha Durga	IETE
202	19MH1A04J2	Velagala Phani Sri Venkata Durga Reddy	IETE
203	19MH1A04J3	Vempati Vijaya Sathvika	IETE
204	20MH5A0401	Adabala Srikarthikeya	IETE
205	20MH5A0402	Adapa Aruna	IETE
206	20MH5A0404	Appana Veera Venkata Satish	IETE
207	20MH5A0405	Bojja Manju Veera Prasad	IETE

208	20MH5A0406	Bommana Naga Lakshmi	IETE
209	20MH5A0407	Bonda V. N. Sai Gangadhara Ganesh	IETE
210	20MH5A0408	Gara Arun Venkat	IETE
211	20MH5A0409	Gollavilli Chandra Teja	IETE
212	20MH5A0412	Jujjavarapu Nagendra	IETE
213	20MH5A0413	Kannuri Chandra Sekar	IETE
214	20MH5A0416	Mucharla Vinay Datta	IETE
215	20MH5A0422	Rajana Lavanya	IETE
216	20MH5A0425	Karatapu Sri Satya Venkata Durgesh	IETE
217	20MH5A0426	Madicherla Akhil Radha Krishna	IETE
218	20MH5A0427	Pinna Sai Varma	IETE
219	20MH5A0428	Chukka Vennela	IETE
220	20MH1A0402	Adapa Veera Manikanta	IETE
221	20MH1A0403	Akula Kalyani	IETE
222	20MH1A0407	Bathula Tulasi Veera Venkata Sai Ganesh	IETE
223	20MH1A0412	Daggula Malathi	IETE
224	20MH1A0416	Dirisala Sai Kiran	IETE
225	20MH1A0423	Isetti Teja Manikanta Kishore	IETE
226	20MH1A0433	Kovvuri Siva Sai Rama Reddy	IETE
227	20MH1A0449	Pepakayala Divya Gayatri	IETE
228	20MH1A0451	Prathi Kusuma	IETE
229	20MH1A0452	Putti Abhinaya Janaki	IETE
230	20MH1A0453	Rongala Krishna Kamala	IETE
231	20MH1A0454	Meenelli Gnana Prasuna	IETE
232	20MH1A0455	Sanapalli Lova Suresh	IETE
233	20MH1A0458	Vegisetti Naga Sireesha	IETE
234	20MH1A0459	Tatipakala Rama Ganith	IETE
235	20MH1A0461	Thota Sai Lakshmi	IETE
236	20MH1A0462	Vanapalli Devi Madhulika	IETE
237	20MH1A0463	Venkatesh Yelisetti	IETE

238	20MH1A0466	Alugolu Lokesh	IETE
239	20MH1A0469	Anupoju Veera Venkata Nikhil	IETE
240	20MH1A0470	Arjumpudi Hebipaul	IETE
241	20MH1A0471	Arumalla Pavan Kishore	IETE
242	20MH1A0472	Anasuri Navya Durga	IETE
243	20MH1A0474	Bandaru Harini	IETE
244	20MH1A0475	Battula Durga Kalyan	IETE
245	20MH1A0476	Bejavada Pavani	IETE
246	20MH1A0477	Bejawada Lavanya	IETE
247	20MH1A0479	Butte Naga Surya Siva Kumar	IETE
248	20MH1A0480	Dangeti Bhanu Pranathi	IETE
249	20MH1A0481	Dangeti Mahesh	IETE
250	20MH1A0482	Donipati Naveen	IETE
251	20MH1A0483	Gandepalli V V D Siva Vara Prasad	IETE
252	20MH1A0484	Gannamraju Vijay Bhaskar	IETE
253	20MH1A0486	Gollapudi Poojitha	IETE
254	20MH1A0487	Gubbala Hepsiba	IETE
255	20MH1A0488	Gundabattula Vasaki	IETE
256	20MH1A0489	Immandi Lokesh	IETE
257	20MH1A0490	Jaddu Sri Santhoshi Naga Pravallika	IETE
258	20MH1A0491	Kanamarlapudi Lokesh Harsha Vardhan	IETE
259	20MH1A0492	Karri Vijay Kumar	IETE
260	20MH1A0493	Katta Anitha	IETE
261	20MH1A0498	Kothala Mohana Lakshmi Priya	IETE
262	20MH1A04A2	Magapu Lalitha Pavani	IETE
263	20MH1A04A3	Malleswarapu Kranthi Babu	IETE
264	20MH1A04A4	Rongala Pravallika	IETE
265	20MH1A04A5	Nalla Ganga Bhavani	IETE
266	20MH1A04B0	Parvathini Alekhya	IETE
267	20MH1A04B4	Pachipala Archana	IETE

268	20MH1A04B5	Putta Sai Krishna	IETE
269	20MH1A04C3	Thota Veera Venkata Sai Durga Prasad	IETE
270	20MH1A04C5	Vangavolu Dinesh	IETE
271	20MH1A04C6	Vanum Kishore	IETE
272	20MH1A04C8	Vasamsetti Veera Bhadra Rao	IETE
273	20MH1A04D3	Bandaru Gowtham	IETE
274	20MH1A04D4	Bellapu Rajendra	IETE
275	20MH1A04E0	Gangalakurthi Veera Venkata Vamsi Krishna	IETE
276	20MH1A04E2	Guntuboina Malini	IETE
277	20MH1A04E4	Guttula Venkanna Babu	IETE
278	20MH1A04E5	Janapareddy Lakshmi Narasimha Jayadeep	IETE
279	20MH1A04E9	Kanchumarthi Poorna Sasikala	IETE
280	20MH1A04F0	Madduri Mounika	IETE
281	20MH1A04F2	Kayala Sai Sudha	IETE
282	20MH1A04F4	Kollepara Rathna Srilekha	IETE
283	20MH1A04F5	Kona Samba Siva Rao	IETE
284	20MH1A04F7	Lakesh Mouli Veeramalla	IETE
285	20MH1A04F8	Lolabhattu Sankha Pani	IETE
286	20MH1A04F9	Majety Bindu Naga Venkata Srija	IETE
287	20MH1A04G0	Mamidipalli Lakshmi Devika Pallavi	IETE
288	20MH1A04G1	Manchimsetti Deepthi	IETE
289	20MH1A04G2	Masina S S Venkata Durga Manikanta	IETE
290	20MH1A04G3	Modukuri Venkata Sai Roshini	IETE
291	20MH1A04G5	Mushini Divya Harshitha	IETE
292	20MH1A04G8	Orissala Janaki	IETE
293	20MH1A04G9	Pasupuleti Sushma	IETE
294	20MH1A04H0	Patnala Lahari Dakshayini	IETE
295	20MH1A04H1	Peddireddy Prabhavathi	IETE
296	20MH1A04H2	Pillarisetti Sai Joshitha	IETE
297	20MH1A04H3	Poluparthi Aasritha	IETE

298	20MH1A04H7	Sripathi Saranya	IETE
299	20MH1A04H9	Tatavolu Sai Viswanadh	IETE
300	20MH1A04I0	Tekumudi Bhanu Saranya	IETE
301	20MH1A04I1	Thotakura Uma Sirisha	IETE
302	20MH1A04I4	Vulavakayala Muttayamma	IETE
303	20MH1A04I5	Boyina Aishwarya	IETE
304	21MH5A0418	Mohammad Wasim Qureshi	IETE
305	21MH5A0420	Mummidi Satya Kumari	IETE
306	21MH5A0424	Patchipulusu Aswini	IETE
307	21MH5A0428	Rupa Sakala Rudru	IETE
308	21MH5A0430	Tatikonda Aparna	IETE

Activities For 4 years

AY	No.of events	No.of participants
2021-22	4	287
2020-21	3	349
2019-20	4	435
2018-19	4	254

Technical/Engineering events 2021-22

S. No	Date	Name of the event	Name of the coordinator/s	Resource person details	No.of participants	Mode
1	13-11-2021 to 18-11-2021	MHRD-IIC A 6 Day Workshop On Generate Your Start-Up Idea	Mr.B.Jagadeesh Babu	Mr. K.B.S.Tarun Kumar Founder And CEO Of Hydro Tribe Private Limited .	61	Offline

2	30-11-2021	KVIC, "Sambhav" e'National Level Awareness Programme	Mr.B.Jagadeesh Babu	Sri R. Srinivasa Rao' Asst' Director-II,KVIC	105	Online
3	14-12-2021 to 15-12-2021	Share Your Big-B Idea (EDC)	Mr.B.Jagadeesh Babu	Mr. K.B.S.Tarun Kumar Founder And CEO Of Hydro Tribe Private Limited .	26	Offline
4	07-04-2022	IETE A One Day Hands On Experience In 3D Printing Technology	Mr.Kalesh Busa	Mr. A. Sai Assisted as Instructor. Co-Founder And CTO Of Trigid Innovations Pvt.Ltd	95	Offline

2020-21

S.No	Date	Name of the event	Name of the coordinator/s	Resource person details	No.of participants	Mode
1	20-12-2020	A workshop on image and signal processing using machine learning	Mr. Kalesh Busa	Key Note Speakers Dr. I. Shanti Prabha, Professor, JNTUK	260	Offline
2	13-12-2020 to 18-12-2020	AWS Cloud Computing APSSDC Training	Mr. Kalesh Busa	APSSDC Trainer: Mr.Siva Ramakrishna	29	Offline
3	19-04-2021 to 03-05-2021	APSSDC Python	Mr. Kalesh Busa	APSSDC Trainers: N.Venkata Surya Narayana	60	Offline

2019-20

S. No	Date	Name of the event	Name of the coordinator/s	Resource person details	No.of participants	Mode
1	27-01-2020 to 08-02-2020	Certificate Courses On Telecom/ Wireless Network	Mr. K.Siva Nagendra	Mr.N.Vijay Kumar	68	Offline
2	07-01-2020	Seminar On "Innovation &Start Up Policies"	Mr.B.Jagadeesh Babu	Dr.Jitendra Gowrabhathi	227	Online
3	09-12-19 to 14-12-19	Certificate Courses On "System Security"	Mrs.K.Suma	Mr.Jonadha Peter	72	Offline
4	08-7-2019 to 20-07-2019	Certificate Courses On Telecom/Wireless Network	Mr. K.Siva Nagendra	Mr.N.Vijay Kumar	68	Offline

2018-19

S. No	Date	Name of the event	Name of the coordinator/s	Resource person details	No.of participants	Mode
1	28-01-2019 to 9-2-2019	CAD Tools For VLSI	Mrs.Y.Sugandhi	Mr.R. Prasada Rao	57	Offline
2	17-12-2018 to 22-12-2018	System Design Using Raspberry Pi	Mr.P.V.N.D.Kishore	Mr.N. Prasad T-Hub	78	Offline
3	01-10-2018 to 13-10-2018	CAD Tools For VLSI	Mrs.Y.Sugandhi	Mr.R. Prasada Rao	61	Offline
4	23-7-2018 to 28-07-2018	Certificate Courses On Telecom/ Wireless Network	Mr.K.Sivanagendra	Mr.N.Vijay Kumar	58	Offline

4.6.2 Publication of technical magazines, newsletters, etc. (5)

Institute Marks: 5.00

S.No	Name of The Publication	Frequency	Editorial Board	Availability of Material
1	Techie Tweed (News letter)	Half Yearly	02 & 05	Offline
2	Sensotronics (Magazine)	Yearly	02 & 13	Offline

MAGAZINE (2021-22)
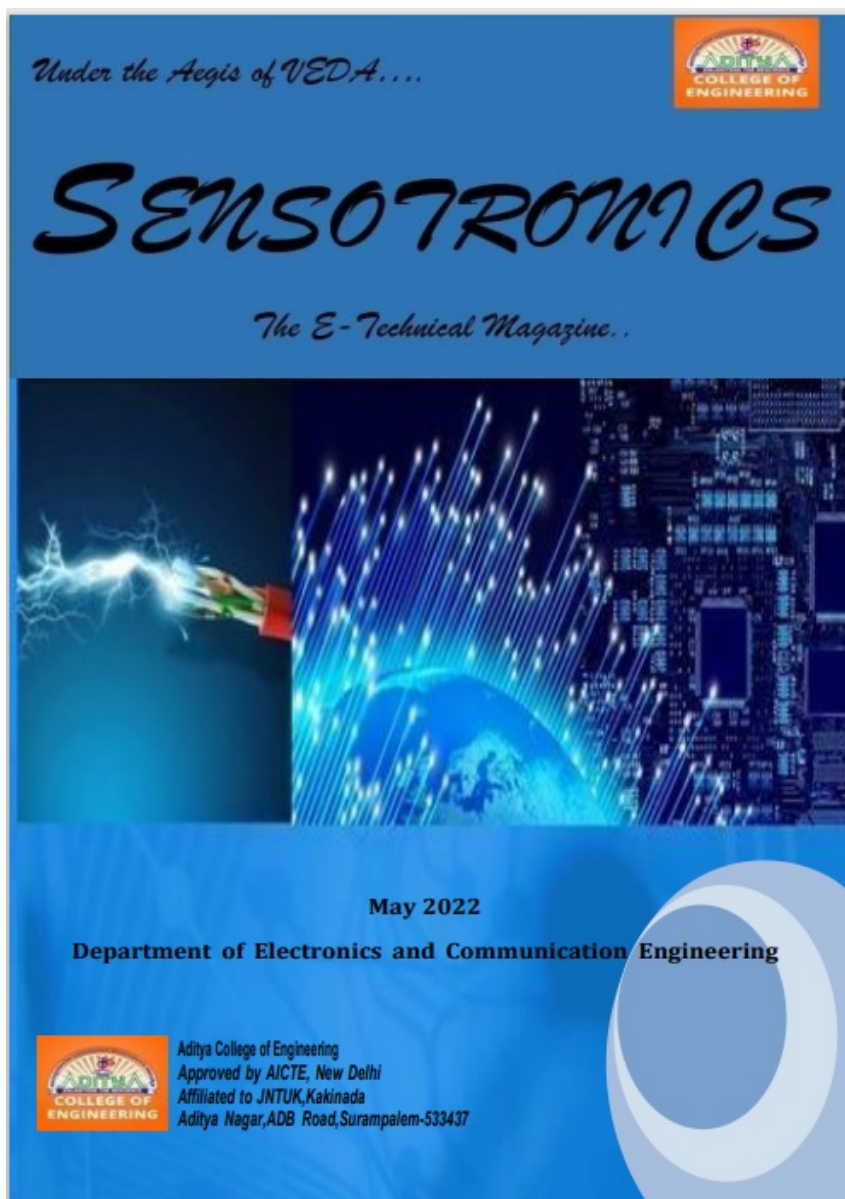
EDITORIAL BOARD

Chief-Editor

Dr.G.Rama Krishna,

HOD,ECE Dept.

Editors

P.Ramesh,Asst.Prof,ECE

Student Co-Ordinators

P.Rajesh-18MH1A04E3

D.Lavanya - 18MH1A0413

J.Neelima - 18MH1A0417

Y.Suma-18MH1A0452

K.Srikanth-18MH1A0428

M. Manoj Sai – 18MH1A04C9

B.S.D.Chandrika-18MH1A0407

P.N.M.Teja - 18MH1A0445

B.Ramya - 18MH1A04A9

M.M.Sai-18MH1A0471

G.Siva – 19MH1A0411

S.Sandhya - 19MH1A0491

A.Rajesh - 19MH1A04F3

NEWS LETTER (2021-22)

"The wellbeing of the world largely depends upon the work of the engineer. There is a great future and unlimited scope for the profession; new works of all kinds are and will be required in every country, and for a young man of imagination and keenness I cannot conceive a more attractive profession. Imagination is necessary as well as scientific knowledge"

Frequency: Half Yearly

Editorial Board

Dr. G. Rama Krishna M. Tech, Ph. D
Professor, Head of The Department

M.Venkateswarulu, M. Tech, (Ph.D.)

Associate Professor

Students

P. RAJESH - 18MH1A04E3

B.N.V.S.V. SIDDHU - 18MH1A04F6

B. GANGA BHARATHI- 18MH1A0456

M.KARTHIK-18MH1A0477

V.JYOTHI-19MH1A04E9

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Semester Toppers

Events Organized

Placements

Journals Publications

Patents

Vision

To be a center of excellence and renowned for Electronics & Communication Engineering education and research

Mission

M1: Enlighten the graduates in the basic concepts underlying the principles of analog and digital Electronics, Communication systems and advanced technologies.

M2: Provide state of the art infrastructure and research facilities

M3: Organizing industrial programs and social

EVENTS ORGANIZED

On April 23, 2022, Achievers Day was observed. Aditya College of Engineering organized this special event for the students who were successfully placed in a variety of companies with excellent pay packages. On this occasion, all 144 placed students and their parents are present. Dr. A. Ramesh garu, Principal of the college, and Dr. G. Ramakrishna garu, E.C.E, congratulated all the achievers on this occasion. Parents and students are overjoyed on this occasion, and they express their gratitude to the college administration, Principal Sir, Department HOD Sir, and faculty.

SEMINAR

A seminar was conducted to the III-year students on MEMS Switches bon 26-02-2022 by the Dr. N. V. Rao Professor, JNTUK. In this seminar 186 students are attended.

4.6.3 Participation in inter-institute events by students of the program of study (10)

InstituteMarks: 10.00

ACTIVITIES ATTENDED FOR 4 YEARS				
AY	No.of Events	No.of Participants	No.of Prize Won/Award/Reward	Level
2021-22	1	158	2	NATIONAL
2020-21	1	85	1	NATIONAL
2019-20	2	146	2	NATIONAL
2018-19	2	127	1	NATIONAL

2021-22 PARTICIPATED (PAPER & POSTER)

S.No	Name of the Students	Name of the Event	Event Attend	Topic	Venue	Date
1	A. Vyshnav	Digital Veda 2k21	Paper Presentation	Logarithm And Antilogarithm Converter WithAccurate Error Correction	Aditya College Of Engineering &Technology	Sep 15, 2021
2	D. Manikanta	Digital Veda 2k21	Paper Presentation	Paper Presentation On Aircraft Gps Tracking	Aditya College Of Engineering &Technology	Sep 15, 2021
3	Satti Ramyasri	Digital Veda 2k21	Paper Presentation	Paper Presentation	Aditya College Of Engineering &Technology	Sep 15, 2021
4	Bodireddy Surendra	Digital Veda 2k21	Paper Presentation	Paper Presentation On Satellite Communications	Aditya College Of Engineering &Technology	Sep 15, 2021
5	Boppana Hema Chandu	Digital Veda 2k21	Paper Presentation	Paper Presentation OnFinfet Technology	Aditya College Of Engineering &Technology	Sep 15, 2021
6	Dadi Lakshman Kumar	Digital Veda 2k21	Poster Presentation	Poster Presentation On 5g Wireless Technology	Aditya College Of Engineering &Technology	Sep 15, 2021
7	Kanchipati Srikanth	Digital Veda 2k21	Paper Presentation	Paper Presentation On Blue Eyes	Aditya College Of Engineering &Technology	Sep 15, 2021

8	Kusumanchi Srikanth	Digital Veda 2k21	Paper Presentation	Paper Presentation On Iris Recognition	Aditya College Of Engineering &Technology	Sep 15, 2021
9	Ainala Anitha Karuna Jyothi	Digital Veda 2k21	Paper Presentation	Paper Presentation On Iris Recognition	Aditya College Of Engineering &Technology	Sep 15, 2021
10	Bareddy Srinivasa Reddy	Digital Veda 2k21	Paper Presentation	Paper Presentationon 3d Integrated Circuits	Aditya College Of Engineering &Technology	Sep 15, 2021
11	Pitta Sunil Kumar	Digital Veda 2k21	Paper Presentation	Paperpresentation On Green Buildings	Aditya College Of Engineering &Technology	Sep 15, 2021
12	Pothamsetti Naveen Reddy	Digital Veda 2k21	Poster Presentation	Poster Presentation On 3d Integrated Circuits	Aditya College Of Engineering &Technology	Sep 15, 2021
13	PuranapandaKameswararao	Digital Veda 2k21	Poster Presentation	Poster Presentation On Biodegradable Electronics Waste	Aditya College Of Engineering &Technology	Sep 15, 2021
14	Shanmukha Sai Santhoshkumar	Digital Veda 2k21	Poster Presentation	Poster Presentation OnLifi Technology	Aditya College Of Engineering &Technology	Sep 15, 2021
15	Sheik Sajid	Digital Veda 2k21	Poster Presentation	Poster Presentation On Internet Of Things	Aditya College Of Engineering &Technology	Sep 15, 2021
16	Sodagam Machara Satya Durga Malleswari	Digital Veda 2k21	Poster Presentation	Poster Presentation On Internet Of Things	Aditya College Of Engineering &Technology	Sep 15, 2021
17	Pitta Sunil Kumar	Digital Veda 2k21	Poster Presentation	Poster Presentation On Green Buildings	Aditya College Of Engineering &Technology	Sep 15, 2021
18	Balusu Charishma	Digital Veda 2k21	Paper Presentation	Bank Robbery Detection System Using Computer Vision	Aditya College Of Engineering &Technology	Sep 15, 2021
19	Swathi Bathula	Digital Veda 2k21	Paper Presentation	Bank Robbery Detection System Using Computer Vision	Aditya College Of Engineering &Technology	Sep 15, 2021
20	Bhusani Gopal	Digital Veda 2k21	Paper Presentation	Design And Development Of An Efficient And Intelligent Weather Forecasting App	Aditya College Of Engineering &Technology	Sep 15, 2021

21	Gopal Bhusani	Digital Veda 2k21	Paper Presentation	Design And Development Of An Efficient And Intelligent Weather Forecasting App	Aditya College Of Engineering &Technology	Sep 15, 2021
22	Bodireddy Surendra	Digital Veda 2k21	Paper Presentation	Scribo: A Graph Visualizer & Analytical Tool	Aditya College Of Engineering &Technology	Sep 15, 2021
23	Bonam Venkata Sai	Digital Veda 2k21	Paper Presentation	Scribo: A Graph Visualizer & Analytical Tool	Aditya College Of Engineering &Technology	Sep 15, 2021
24	Venkata Sai Bonam	Digital Veda 2k21	Paper Presentation	Alphabet Recognition OfSign Language Using Machine Learning	Aditya College Of Engineering &Technology	Sep 15, 2021
25	Bonam Venkata Sai	Digital Veda 2k21	Paper Presentation	Alphabet Recognition OfSign Language Using Machine Learning	Aditya College Of Engineering &Technology	Sep 15, 2021
26	Sri Durga Chandrika Burra	Digital Veda 2k21	Paper Presentation	A Novel Approach ForCluster Formation Of Virtual Machines Using Elbow Means Technique	Aditya College Of Engineering &Technology	Sep 15, 2021
27	Chebolu J R N S S Prudhvi Raj	Digital Veda 2k21	Paper Presentation	A Novel Approach ForCluster Formation Of Virtual Machines Using Elbow Means Technique	Aditya College Of Engineering &Technology	Sep 15, 2021
28	Chebolu J R N S S Prudhvi Raj	Digital Veda 2k21	Paper Presentation	Prediction Of Ethereum-Based Transactions Using Machine Learning	Aditya College Of Engineering &Technology	Sep 15, 2021
29	Chundru Satwika	Digital Veda 2k21	Paper Presentation	Prediction Of Ethereum-Based Transactions Using Machine Learning	Aditya College Of Engineering &Technology	Sep 15, 2021
30	Chundru Satwika	Digital Veda 2k21	Paper Presentation	Deep Learning Based Intelligent Waste Identification System	Aditya College Of Engineering &Technology	Sep 15, 2021

31	Dadi Lakshman Kumar	Digital Veda 2k21	Paper Presentation	Deep Learning Based Intelligent Waste Identification System	Aditya College Of Engineering &Technology	Sep 15, 2021
32	Desina Lavanya	Digital Veda 2k21	Paper Presentation	A Review OnIntelligent Health Care System Using Learning Methods	Aditya College Of Engineering &Technology	Sep 15, 2021
33	Desina Lavanya	Digital Veda 2k21	Paper Presentation	A Review OnIntelligent Health Care System Using Learning Methods	Aditya College Of Engineering &Technology	Sep 15, 2021
34	Goli Vinod Kumar	Digital Veda 2k21	Paper Presentation	Exploratory Data Analysis OfMonkeypox Virus Using Machine Learning	Aditya College Of Engineering &Technology	Sep 15, 2021
35	Vinod Kumar Goli	Digital Veda 2k21	Paper Presentation	Exploratory Data Analysis OfMonkeypox Virus Using Machine Learning	Aditya College Of Engineering &Technology	Sep 15, 2021
36	Neelima Jammu	Digital Veda 2k21	Poster Presentation	A Hybrid Γ-Abc-Feature Selection Approach ForImproving Disease Classification	Aditya College Of Engineering &Technology	Sep 15, 2021
37	K Jhansi Alekya	Digital Veda 2k21	Poster Presentation	A Hybrid Γ-Abc-Feature Selection Approach ForImproving Disease Classification	Aditya College Of Engineering &Technology	Sep 15, 2021
38	Kanchipati Srikanth	Digital Veda 2k21	Poster Presentation	CnnBased Animal Repelling Device ForCrop Protection	Aditya College Of Engineering &Technology	Sep 15, 2021
39	Gayathri Kandala	Digital Veda 2k21	Poster Presentation	CnnBased Animal Repelling Device ForCrop Protection	Aditya College Of Engineering &Technology	Sep 15, 2021
40	Kondapalli Naimesha Lekya	Digital Veda 2k21	Poster Presentation	Mutated Pso Tuned Pid Parameters ForSepic Converter	Aditya College Of Engineering &Technology	Sep 15, 2021

41	Naimesha Lekya Kondapalli	Digital Veda 2k21	Poster Presentation	Mutated Pso Tuned Pid Parameters ForSepic Converter	Aditya College Of Engineering &Technology	Sep 15, 2021
42	Kondapalli Naimesha Lekya	Digital Veda 2k21	Poster Presentation	A Literature Survey OnEffectual And Effective Nearest Keyword Search In Multidimensional Dataset	Aditya College Of Engineering &Technology	Sep 15, 2021
43	Kondapalli Veera Prudhvi Raja	Digital Veda 2k21	Poster Presentation	A Literature Survey OnEffectual And Effective Nearest Keyword Search In Multidimensional Dataset	Aditya College Of Engineering &Technology	Sep 15, 2021
44	Kosuri Venkatasuryasairam	Digital Veda 2k21	Poster Presentation	An Analysis OfWireless Body Area Network Simulation Tools	Aditya College Of Engineering &Technology	Sep 15, 2021
45	Kusumanchi Srikanth	Digital Veda 2k21	Poster Presentation	An Analysis OfWireless Body Area Network Simulation Tools	Aditya College Of Engineering &Technology	Sep 15, 2021
46	Menda S V S L Sri Padmaja	Digital Veda 2k21	Paper Presentation	A Study OnSecurity Schemes In Blockchain Technology	Aditya College Of Engineering &Technology	Sep 15, 2021
47	Sri Padmaja Menda	Digital Veda 2k21	Paper Presentation	A Study OnSecurity Schemes In Blockchain Technology	Aditya College Of Engineering &Technology	Sep 15, 2021
48	Nulu Lakshmana Kumar	Digital Veda 2k21	Paper Presentation	Challenges And Issues OfLoad Balancing Algorithms In Cloud	Aditya College Of Engineering &Technology	Sep 15, 2021
49	Satya Gopala Krishna Pabbineedi	Digital Veda 2k21	Paper Presentation	Challenges And Issues OfLoad Balancing Algorithms In Cloud	Aditya College Of Engineering &Technology	Sep 15, 2021
50	Pabbineedi Satya Gopala Krishna	Digital Veda 2k21	Paper Presentation	Optimization Of Apteen Protocol In The Wireless Sensor Network Using The Huffman Coding And Artificial Neural Networ	Aditya College Of Engineering &Technology	Sep 15, 2021

51	Naga Lakshmi Padala	Digital Veda 2k21	Paper Presentation	Optimization Of Apteen Protocol In The Wireless Sensor Network Using The Huffman Coding And Artificial Neural Networ	Aditya College Of Engineering &Technology	Sep 15, 2021
52	Padala Naga Lakshmi	Digital Veda 2k21	Paper Presentation	Assessment Of Radiation Density OfCell Phone Tower For Epidemiological Studies	Aditya College Of Engineering &Technology	Sep 15, 2021
53	Palaparthi Ravi Krishna	Digital Veda 2k21	Paper Presentation	Assessment Of Radiation Density OfCell Phone Tower For Epidemiological Studies	Aditya College Of Engineering &Technology	Sep 15, 2021
54	Ravi Krishna	Digital Veda 2k21	Paper Presentation	Routing Protocols ForWireless Sensor Network: A Review And Open Research Challenges	Aditya College Of Engineering &Technology	Sep 15, 2021
55	Palaparthi Ravi Krishna	Digital Veda 2k21	Paper Presentation	Routing Protocols ForWireless Sensor Network: A Review And Open Research Challenges	Aditya College Of Engineering &Technology	Sep 15, 2021
56	Ravi Krishna	Digital Veda 2k21	Paper Presentation	Design Of Uds Protocol In An Automotive Electronic Control Unit	Aditya College Of Engineering &Technology	Sep 15, 2021
57	Sri Adilakshmi Pallela	Digital Veda 2k21	Paper Presentation	Design Of Uds Protocol In An Automotive Electronic Control Unit	Aditya College Of Engineering &Technology	Sep 15, 2021
58	Pandiri Venkata Rahul	Digital Veda 2k21	Paper Presentation	Paper Presentation On Satellite Communications	Aditya College Of Engineering &Technology	Sep 15, 2021
59	Lakshmi Priya Patamsetti	Digital Veda 2k21	Paper Presentation	Paper Presentation On Aircraft Gps Tracking	Aditya College Of Engineering &Technology	Sep 15, 2021
60	Tulasi Sai Kiran	Digital Veda 2k21	Paper Presentation	Paper Presentation	Aditya College Of Engineering &Technology	Sep 15, 2021

61	Pendyala Ramya	Digital Veda 2k21	Paper Presentation	Paper Presentation On Satellite Communications	Aditya College Of Engineering &Technology	Sep 15, 2021
62	Peneti Premsagar	Digital Veda 2k21	Paper Presentation	Paper Presentation OnFinfet Technology	Aditya College Of Engineering &Technology	Sep 15, 2021
63	Prathipati Ananta Lakshmi	Digital Veda 2k21	Paper Presentation	Paper Presentation On Blue Eyes	Aditya College Of Engineering &Technology	Sep 15, 2021
64	Ananta Lakshmi Prathipati	Digital Veda 2k21	Paper Presentation	Paper Presentation On Iris Recognition	Aditya College Of Engineering &Technology	Sep 15, 2021
65	Prathipati Lakshmi Prasanna	Digital Veda 2k21	Paper Presentation	Paper Presentation On Iris Recognition	Aditya College Of Engineering &Technology	Sep 15, 2021
66	Domala Naveen Kumar	Digital Veda 2k21	Paper Presentation	Paper Presentationon 3d Integrated Circuits	Aditya College Of Engineering &Technology	Sep 15, 2021
67	Nihar Mani ThejaProdduturi	Digital Veda 2k21	Paper Presentation	Paperpresentation On Green Buildings	Aditya College Of Engineering &Technology	Sep 15, 2021
68	Sunkavilli Manusha	Digital Veda 2k21	Paper Presentation	Paperpresentation On Green Buildings	Aditya College Of Engineering &Technology	Sep 15, 2021
69	Uggina Kumar Venkata Surya Raju	Digital Veda 2k21	Poster Presentation	Artificial intellegents	Aditya College Of Engineering &Technology	Sep 15, 2021
70	Nagma Uggirala	Digital Veda 2k21	Poster Presentation	Artificial intellegents	Aditya College Of Engineering &Technology	Sep 15, 2021
71	Suma Yalla	Digital Veda 2k21	Poster Presentation	Neural Networks	Aditya College Of Engineering &Technology	Sep 15, 2021
72	Adapa Mahesh Raghava	Digital Veda 2k21	Poster Presentation	Low-Cost Automatic Power Generation Mechanism Using Speed Breakers	Aditya College Of Engineering &Technology	Sep 15, 2021
73	Sainath Veera Venkata Dharma Batchu	Digital Veda 2k21	Poster Presentation	Low-Cost Automatic Power Generation Mechanism Using Speed Breakers	Aditya College Of Engineering &Technology	Sep 15, 2021

74	Ganga Bharathi Bikkina	Digital Veda 2k21	Paper Presentation	A Comparative Study OnCloud Computing, Edge Computing And Fog Computing	Aditya College Of Engineering &Technology	Sep 15, 2021
75	Bogada Eswari Mani	Digital Veda 2k21	Paper Presentation	A Comparative Study OnCloud Computing, Edge Computing And Fog Computing	Aditya College Of Engineering &Technology	Sep 15, 2021
76	Chelamkuri Venkata Sai Satya Archana	Digital Veda 2k21	Paper Presentation	An Improved Deep Learning Approach For Prediction Of The Chronic Kidney Disease	Aditya College Of Engineering &Technology	Sep 15, 2021
77	Asha Madhuri Chikkam	Digital Veda 2k21	Paper Presentation	An Improved Deep Learning Approach For Prediction Of The Chronic Kidney Disease	Aditya College Of Engineering &Technology	Sep 15, 2021
78	Desina Ramyasri	Digital Veda 2k21	Paper Presentation	Comparative Analysis OfMachine Learning Classifiers On Forecasting Dengue Fever Infection	Aditya College Of Engineering &Technology	Sep 15, 2021
79	Venkata Suryanarayana Girajala	Digital Veda 2k21	Paper Presentation	Comparative Analysis OfMachine Learning Classifiers On Forecasting Dengue Fever Infection	Aditya College Of Engineering &Technology	Sep 15, 2021
80	Gogi Anusha	Digital Veda 2k21	Paper Presentation	Permissions Based Android Vulnerability Detection AndClassification Based On Severity Using Machine Learning	Aditya College Of Engineering &Technology	Sep 15, 2021
81	Suresh Kandrila	Digital Veda 2k21	Paper Presentation	Permissions Based Android Vulnerability Detection AndClassification Based On Severity Using Machine Learning	Aditya College Of Engineering &Technology	Sep 15, 2021

82	Ramya Kantimahanthi	Digital Veda 2k21	Paper Presentation	Gaps In Generalization Theory OfNeural Networks	Aditya College Of Engineering &Technology	Sep 15, 2021
83	Anusha Karanam	Digital Veda 2k21	Paper Presentation	Gaps In Generalization Theory OfNeural Networks	Aditya College Of Engineering &Technology	Sep 15, 2021
84	Om Lakshmi Narasima Jayanth Korlepara	Digital Veda 2k21	Paper Presentation	Malware Reverse Engineering ToFind The Malicious Activity Of Emotet	Aditya College Of Engineering &Technology	Sep 15, 2021
85	Korlepara Om Lakshmi Narasimha Jayanth	Digital Veda 2k21	Paper Presentation	Malware Reverse Engineering ToFind The Malicious Activity Of Emotet	Aditya College Of Engineering &Technology	Sep 15, 2021
86	Korlepara Om Lakshmi Narasimha Jayanth	Digital Veda 2k21	Paper Presentation	Research Progress InPrivacy Preserving: A Comparative Study Using Bibliometric Analysis In Thrust Areas In Computer Science	Aditya College Of Engineering &Technology	Sep 15, 2021
87	Koru Swetha	Digital Veda 2k21	Paper Presentation	Research Progress InPrivacy Preserving: A Comparative Study Using Bibliometric Analysis In Thrust Areas In Computer Science	Aditya College Of Engineering &Technology	Sep 15, 2021
88	Mediboina Karthik	Digital Veda 2k21	Paper Presentation	A Framework ForObject Detection With Distance Metrics In Vehicular Ad Hoc Networks	Aditya College Of Engineering &Technology	Sep 15, 2021
89	Renuka Mulagada	Digital Veda 2k21	Paper Presentation	A Framework ForObject Detection With Distance Metrics In Vehicular Ad Hoc Networks	Aditya College Of Engineering &Technology	Sep 15, 2021
90	Ramya Mutyala	Digital Veda 2k21	Paper Presentation	Autonomous Robot Navigation Using Fuzzy Inference Based Dynamic Window Approach	Aditya College Of Engineering &Technology	Sep 15, 2021

91	Nandigam Kranthi Kumar	Digital Veda 2k21	Paper Presentation	Autonomous Robot Navigation Using Fuzzy Inference Based Dynamic Window Approach	Aditya College Of Engineering &Technology	Sep 15, 2021
92	Obinni Sindhuja	Digital Veda 2k21	Paper Presentation	Student Placement Prediction Using Machine Learning Models (Knn, Svm, Rf, Logistic Regression)	Aditya College Of Engineering &Technology	Sep 15, 2021
93	Panangipalli Naga Surya Tejasri	Digital Veda 2k21	Paper Presentation	Student Placement Prediction Using Machine Learning Models (Knn, Svm, Rf, Logistic Regression)	Aditya College Of Engineering &Technology	Sep 15, 2021
94	Naga Surya Tejasri Panangipalli	Digital Veda 2k21	Paper Presentation	Bits Application OfDcmBased True Random Number Generator	Aditya College Of Engineering &Technology	Sep 15, 2021
95	Pasala Jaya Lakshmi	Digital Veda 2k21	Paper Presentation	Bits Application OfDcmBased True Random Number Generator	Aditya College Of Engineering &Technology	Sep 15, 2021
96	Sri Varshitha Pulagam	Digital Veda 2k21	Paper Presentation	Bibliometric Analysis On Identifying Plant, Crop Diseases Using Machine Learning And Deep Learning	Aditya College Of Engineering &Technology	Sep 15, 2021
97	Yuvasrilakshmi Putta	Digital Veda 2k21	Paper Presentation	Bibliometric Analysis On Identifying Plant, Crop Diseases Using Machine Learning And Deep Learning	Aditya College Of Engineering &Technology	Sep 15, 2021
98	Putta Yuvasri Lakshmi	Digital Veda 2k21	Paper Presentation	Establishment And Authentication Mechanism In The Network Through Digital Certificate Management	Aditya College Of Engineering &Technology	Sep 15, 2021
99	Rasamsetti Charan	Digital Veda 2k21	Paper Presentation	Establishment And Authentication Mechanism In The Network Through Digital Certificate Management	Aditya College Of Engineering &Technology	Sep 15, 2021

100	Eswar Reddy Satti	Digital Veda 2k21	Paper Presentation	Covid-19 Contactless Remedies For Students In Educational Institutes	Aditya College Of Engineering &Technology	Sep 15, 2021
101	Baba Sai Eswara Reddy Satti	Digital Veda 2k21	Paper Presentation	Covid-19 Contactless Remedies For Students In Educational Institutes	Aditya College Of Engineering &Technology	Sep 15, 2021
102	Talari Narasambika	Digital Veda 2k21	Paper Presentation	The Journey OfLogarithm Multiplier: Approach, Development And Future Scope	Aditya College Of Engineering &Technology	Sep 15, 2021
103	Narasambika Talari	Digital Veda 2k21	Paper Presentation	The Journey OfLogarithm Multiplier: Approach, Development And Future Scope	Aditya College Of Engineering &Technology	Sep 15, 2021
104	Vakkalanka Naga Pujitha	Digital Veda 2k21	Paper Presentation	Identification Of Unhealthy Leaves InPaddy Using Computer Vision Based Deep Learning Model	Aditya College Of Engineering &Technology	Sep 15, 2021
105	Umamaheswari Velagala	Digital Veda 2k21	Paper Presentation	Identification Of Unhealthy Leaves InPaddy Using Computer Vision Based Deep Learning Model	Aditya College Of Engineering &Technology	Sep 15, 2021
106	Umamaheswari Velagala	Digital Veda 2k21	Paper Presentation	A Novel Approach ForCluster Formation Of Virtual Machines Using Elbow Means Technique	Aditya College Of Engineering &Technology	Sep 15, 2021
107	Yalamati Lavanya	Digital Veda 2k21	Paper Presentation	A Novel Approach ForCluster Formation Of Virtual Machines Using Elbow Means Technique	Aditya College Of Engineering &Technology	Sep 15, 2021
108	Bhanu Sowmya Allaka	Digital Veda 2k21	Paper Presentation	Efficient Face Detection ForDistinct Multimedia Using Object- Oriented Programming	Aditya College Of Engineering &Technology	Sep 15, 2021

109	Allaka Bhanu Sowmya	Digital Veda 2k21	Paper Presentation	Efficient Face Detection ForDistinct Multimedia Using Object- Oriented Programming	Aditya College Of Engineering &Technology	Sep 15, 2021
110	Alli Sunil Kumar	Digital Veda 2k21	Paper Presentation	A Miniaturized Dual-Band Modified Rectangular-Shaped Antenna ForWireless Applications	Aditya College Of Engineering &Technology	Sep 15, 2021
111	Balisetti Sravani	Digital Veda 2k21	Paper Presentation	A Miniaturized Dual-Band Modified Rectangular-Shaped Antenna ForWireless Applications	Aditya College Of Engineering &Technology	Sep 15, 2021
112	Bogireddi Chandra Durga	Digital Veda 2k21	Paper Presentation	Smart Weed Detection An Real-Time Weed Detection For Onion Plantation	Aditya College Of Engineering &Technology	Sep 15, 2021
113	Dasari Satya Spandana	Digital Veda 2k21	Paper Presentation	Smart Weed Detection An Real-Time Weed Detection For Onion Plantation	Aditya College Of Engineering &Technology	Sep 15, 2021
114	Dasari Venkata Sai Ram	Digital Veda 2k21	Paper Presentation	Analysis Of Kinematics Of A 12-Dof Biped Robot Gait By Parametrization Of Its Body Trajectories	Aditya College Of Engineering &Technology	Sep 15, 2021
115	Venkata Sai Ram Dasari	Digital Veda 2k21	Paper Presentation	Analysis Of Kinematics Of A 12-Dof Biped Robot Gait By Parametrization Of Its Body Trajectories	Aditya College Of Engineering &Technology	Sep 15, 2021
116	Dasari Venkata Sai Ram	Digital Veda 2k21	Paper Presentation	Design Of Microstrip Antenna For 5g Millimetre-Wave Applications	Aditya College Of Engineering &Technology	Sep 15, 2021
117	Lakshman Sandeep Dhulipudi	Digital Veda 2k21	Paper Presentation	Design Of Microstrip Antenna For 5g Millimetre-Wave Applications	Aditya College Of Engineering &Technology	Sep 15, 2021

118	Sai Srujana Gamini	Digital Veda 2k21	Paper Presentation	Stochastic Computing Solutions Challenges AndApplication	Aditya College Of Engineering &Technology	Sep 15, 2021
119	Kadari Madhu Varma	Digital Veda 2k21	Paper Presentation	Stochastic Computing Solutions Challenges AndApplication	Aditya College Of Engineering &Technology	Sep 15, 2021
120	Kandula Vimala Chowdary	Digital Veda 2k21	Paper Presentation	Paper Presentation On Satellite Communications	Aditya College Of Engineering &Technology	Sep 15, 2021
121	Naga Havisha Kilaparthi	Digital Veda 2k21	Paper Presentation	Paper Presentation On Satellite Communications	Aditya College Of Engineering &Technology	Sep 15, 2021
122	Kilaparthi Naga Havisha	Digital Veda 2k21	Paper Presentation	Voice-Based E-Mail System For Visually Challenged People	Aditya College Of Engineering &Technology	Sep 15, 2021
123	Kola Sravanthi	Digital Veda 2k21	Paper Presentation	Voice-Based E-Mail System For Visually Challenged People	Aditya College Of Engineering &Technology	Sep 15, 2021
124	Upendra Kolluri	Digital Veda 2k21	Paper Presentation	SemgSignals Identification Using Dt AndLr Classifier Using Wavelet-Based Features	Aditya College Of Engineering &Technology	Sep 15, 2021
125	Kolluri Upendra	Digital Veda 2k21	Paper Presentation	SemgSignals Identification Using Dt AndLr Classifier Using Wavelet-Based Features	Aditya College Of Engineering &Technology	Sep 15, 2021
126	Krishnasrikanth K	Digital Veda 2k21	Paper Presentation	Continuous Evolution For 5g: Comprehensive Study AndChallenges	Aditya College Of Engineering &Technology	Sep 15, 2021
127	Kurukuri Srujana	Digital Veda 2k21	Paper Presentation	Continuous Evolution For 5g: Comprehensive Study AndChallenges	Aditya College Of Engineering &Technology	Sep 15, 2021
128	Matuparthi Manoj Sai	Digital Veda 2k21	Paper Presentation	A Study OnChebyshev Filter Design By Using Csd	Aditya College Of Engineering &Technology	Sep 15, 2021

129	Maddula Ram Manohar Sri Govinda	Digital Veda 2k21	Paper Presentation	A Study OnChebyshev Filter Design By Using Csd	Aditya College Of Engineering &Technology	Sep 15, 2021
130	Meesala Kalyani Lakshmi	Digital Veda 2k21	Paper Presentation	Performance Analysis Of Various Fin Patterns Of Hybrid Tunnel Fet	Aditya College Of Engineering &Technology	Sep 15, 2021
131	Melimi Bhanu Chand	Digital Veda 2k21	Paper Presentation	Performance Analysis Of Various Fin Patterns Of Hybrid Tunnel Fet	Aditya College Of Engineering &Technology	Sep 15, 2021
132	Oleti Venkata Malleswari	Digital Veda 2k21	Paper Presentation	A Design On 4-Bit Multiplier Fin Fet Technology-Based Compressor	Aditya College Of Engineering &Technology	Sep 15, 2021
133	Bhuvaneswari Palakurthi	Digital Veda 2k21	Paper Presentation	A Design On 4-Bit Multiplier Fin Fet Technology-Based Compressor	Aditya College Of Engineering &Technology	Sep 15, 2021
134	Pavan Satya Sridhar Amirisetti	Digital Veda 2k21	Paper Presentation	Analysis Of Different Configurations OfSi1-Xgex For Double Gate Mosfets And Its Future Applications	Aditya College Of Engineering &Technology	Sep 15, 2021
135	Devi Alekhya Pericherla	Digital Veda 2k21	Paper Presentation	Analysis Of Different Configurations OfSi1-Xgex For Double Gate Mosfets And Its Future Applications	Aditya College Of Engineering &Technology	Sep 15, 2021
136	Pericherla Devi Alekhya	Digital Veda 2k21	Paper Presentation	High Performance Area Efficient Scalable In-Place Real Valued Fft	Aditya College Of Engineering &Technology	Sep 15, 2021
137	Pindi Satish	Digital Veda 2k21	Paper Presentation	High Performance Area Efficient Scalable In-Place Real Valued Fft	Aditya College Of Engineering &Technology	Sep 15, 2021
138	Kishore Prathipati	Digital Veda 2k21	Paper Presentation	Noise Reduction In Audio File Using Spectral Gating And FftWith Python Modules	Aditya College Of Engineering &Technology	Sep 15, 2021

139	Prathipati Kishore	Digital Veda 2k21	Paper Presentation	Noise Reduction In Audio File Using Spectral Gating And FftWith Python Modules	Aditya College Of Engineering &Technology	Sep 15, 2021
140	Puppala Rajesh	Digital Veda 2k21	Paper Presentation	Designing A Strong Physically Unclonable Function Using Low Power Lfsr	Aditya College Of Engineering &Technology	Sep 15, 2021
141	Namratha Ravanam	Digital Veda 2k21	Paper Presentation	Designing A Strong Physically Unclonable Function Using Low Power Lfsr	Aditya College Of Engineering &Technology	Sep 15, 2021
142	Sheik Tanveerunnisa	Digital Veda 2k21	Paper Presentation	A Review OnThe Analysis Of Wind Speed And Generated Power In India	Aditya College Of Engineering &Technology	Sep 15, 2021
143	Sutar Harish Kumar	Digital Veda 2k21	Paper Presentation	A Review OnThe Analysis Of Wind Speed And Generated Power In India	Aditya College Of Engineering &Technology	Sep 15, 2021
144	Harish Kumar Sutar	Digital Veda 2k21	Paper Presentation	Modelling And Performance Analysis OfCupc And C60 Based Bilayer Organic Photodetector	Aditya College Of Engineering &Technology	Sep 15, 2021
145	Vasamsetti	Digital Veda 2k21	Paper Presentation	Modelling And Performance Analysis OfCupc And C60 Based Bilayer Organic Photodetector	Aditya College Of Engineering &Technology	Sep 15, 2021
146	Vaskuri Adi Sai Subrahmanyam	Digital Veda 2k21	Paper Presentation	Pressure Sensing Using Atwo-Dimensional Photonic Crystal Sensor	Aditya College Of Engineering &Technology	Sep 15, 2021
147	Vutukuru Sri Chandana	Digital Veda 2k21	Paper Presentation	Pressure Sensing Using Atwo-Dimensional Photonic Crystal Sensor	Aditya College Of Engineering &Technology	Sep 15, 2021
148	Nethi Lakshmi Venkatarama Ganapathi	Digital Veda 2k21	Paper Presentation	Electricity Demand Estimation Using Arima Forecasting Model.	Aditya College Of Engineering &Technology	Sep 15, 2021

149	Cherukuri Venkata Naga Sai Mani Kiran	Digital Veda 2k21	Paper Presentation	Electricity Demand Estimation Using Arima Forecasting Model.	Aditya College Of Engineering &Technology	Sep 15, 2021
150	Dontamsetti Satish	Digital Veda 2k21	Paper Presentation	The Power Quality Performance Of Mmc-DstatcomUnder Unbalanced And Faulty Grid Conditions In Low Voltage Micro Grids	Aditya College Of Engineering &Technology	Sep 15, 2021
151	Lekkala Durga Prasad	Digital Veda 2k21	Poster Presentation	The Power Quality Performance OfMmc-DstatcomUnder Unbalanced And Faulty Grid Conditions In Low Voltage Micro Grids	Aditya College Of Engineering &Technology	Sep 15, 2021
152	PonnagantiLchvs Anil Kumar	Digital Veda 2k21	Poster Presentation	Wheeled Robotic Arm Using Arduino Controlled Through Bluetooth	Aditya College Of Engineering &Technology	Sep 15, 2021
153	Lchvs Anil Kumar Ponnaganti	Digital Veda 2k21	Poster Presentation	Wheeled Robotic Arm Using Arduino Controlled Through Bluetooth	Aditya College Of Engineering &Technology	Sep 15, 2021
154	Yadapalli Anusha Devi	Digital Veda 2k21	Paper Presentation	Computer Aided Diagnosis Of Skin Lesion Using Dermoscopic Images: A Survey	Aditya College Of Engineering &Technology	Sep 15, 2021
155	Avidi Venkata Sai Mani Chand	Digital Veda 2k21	Paper Presentation	Computer Aided Diagnosis OfSkin Lesion Using Dermoscopic Images: A Survey	Aditya College Of Engineering &Technology	Sep 15, 2021
156	Peddintibhattaru Sri Venkata Jagannadh	Digital Veda 2k21	Paper Presentation	A Symmetrical Multilevel Inverter Employing Reduced Switch Count ToProduce The Nine-Level Output	Aditya College Of Engineering &Technology	Sep 15, 2021
157	Koppula Sandeep Reddy	Digital Veda 2k21	Paper Presentation	A Symmetrical Multilevel Inverter Employing Reduced Switch Count ToProduce The Nine-Level Output	Aditya College Of Engineering &Technology	Sep 15, 2021

| 158 | Kakarapalli Lalitha | Digital Veda 2k21 | Paper Presentation | Shunt Using AnInterleaved Buck Converter As An Active Power Filter: Modelling And Control | Aditya College Of Engineering &Technology | Sep 15, 2021 |

2020-21 PARTICIPATED (PAPER & POSTER)

S.No	Name of the Students	Name of the Event	Event Attend	Full Topic	Venue	Date
1	A. Vyshnav	Veda 2k20	Paper Presentation	Paper Presentation OnUrdhvaTiryagbhyam Sutra Multiplier Based 32 Bit Mac Design	Aditya College Of Engineering &Technology	13-14 Sept 2020
2	D. Manikanta	Veda 2k20	Paper Presentation	Paper Presentation On Design And Implementation Of Swarm Robotics For Load Controlling Applications	Aditya College Of Engineering &Technology	13-14 Sept 2020
3	Satti Ramyasri	Veda 2k20	Paper Presentation	Paper Presentation Ntegrated Smart Home Management And Security System Based On Wireless Video Streaming Using Internet Of Things	Aditya College Of Engineering &Technology	13-14 Sept 2020
4	Satti Ramyasri	Veda 2k20	Paper Presentation	Paper Presentation On Low Power Variation Tolerant Non Volatile Lookup Table Design	Aditya College Of Engineering &Technology	13-14 Sept 2020
5	Bodireddy Surendra	Veda 2k20	Paper Presentation	Paper Presentation On E Wireless Sensor Networks Based Multi Patient Health Care Monitoring System	Aditya College Of Engineering &Technology	13-14 Sept 2020
6	Boppana Hema Chandu	Veda 2k20	Paper Presentation	Paper Presentation On A Fast And Efficient Region Based Aneurys Segmentation Model For Medical Image Segmentation	Aditya College Of Engineering &Technology	13-14 Sept 2020
7	Dadi Lakshman Kumar	Veda 2k20	Paper Presentation	Poster Presentation On A Simplified Active-Reactive Power Control Of Distributed Energy Resource Integration With Distribution Grid	Aditya College Of Engineering &Technology	13-14 Sept 2020

				Paper Presentation On Comparison Of Pi/Fuzzy Techniques For Compensation Of Unbalanced Voltages In Grid Connected Pmsg Based Wind Turbine	Aditya College Of Engineering &Technology	13-14 Sept 2020
8	Kanchipati Srikanth	Veda 2k20	Paper Presentation	Paper Presentation On Comparison Of Pi/Fuzzy Techniques For Compensation Of Unbalanced Voltages In Grid Connected Pmsg Based Wind Turbine	Aditya College Of Engineering &Technology	13-14 Sept 2020
9	Kusumanchi Srikanth	Veda 2k20	Paper Presentation	Paper Presentation OnImulation Of 11 Level Hybrid Cascadestack (Hcs) Inverter With Reduced Number Of Switches	Aditya College Of Engineering &Technology	13-14 Sept 2020
10	Ainala Anitha Karuna Jyothi	Veda 2k20	Paper Presentation	Paper Presentation On Simulation Of 11 Level Hybrid Cascadestack (Hcs) Inverter With Reduced Number Of Switches	Aditya College Of Engineering &Technology	13-14 Sept 2020
11	Bareddy Srinivasa Reddy	Veda 2k20	Paper Presentation	Paper Presentationonmulti-Level Inverter With Simplified Control Strategy For Distributed Energy Resource Integration Withdistribution System	Aditya College Of Engineering &Technology	13-14 Sept 2020
12	Chundru Satwika	Veda 2k20	Poster Presentation	A Future Awareness For Healthcare Applications Using Data Mining	Aditya College Of Engineering &Technology	13-14 Sept 2020
13	Desina Lavanya	Veda 2k20	Poster Presentation	A Future Awareness For Healthcare Applications Using Data Mining	Aditya College Of Engineering &Technology	13-14 Sept 2020
14	Jammu Neelima	Veda 2k20	Poster Presentation	Poster Presentation On Nano Technology	Aditya College Of Engineering &Technology	13-14 Sept 2020
15	Giduthuri Vijay Durga Prasad	Veda 2k20	Poster Presentation	Poster Presentation On Nano Technology	Aditya College Of Engineering &Technology	13-14 Sept 2020
16	Akula Yedukondalu	Veda 2k20	Poster Presentation	Poster Presentation On Industry 4.0	Aditya College Of Engineering &Technology	13-14 Sept 2020
17	Amjuri Siva Bhanuprasad	Veda 2k20	Poster Presentation	Poster Presentation On Industry 4.1	Aditya College Of Engineering &Technology	13-14 Sept 2020
18	Boddu Janardhana Vamsi	Veda 2k20	Poster Presentation	Poster Presentation On Industry 4.1	Aditya College Of Engineering &Technology	13-14 Sept 2020
19	Saikrishna Gangadhar Bonda	Veda 2k20	Poster Presentation	Poster Presentation On 5g Wireless Technology	Aditya College Of Engineering &Technology	13-14 Sept 2020

20	Bonda Sai Krishna Gangadhar	Veda 2k20	Poster Presentation	Poster Presentation On 5g Wireless Technology	Aditya College Of Engineering &Technology	13-14 Sept 2020
21	Chappagadda Sri Lakshmi	Veda 2k20	Paper Presentation	A Hybrid Approach To Food Delivery For Health Management System	Aditya College Of Engineering &Technology	13-14 Sept 2020
22	Chintakrinda Ranjith Kumar	Veda 2k20	Paper Presentation	A Novel Hybrid Gwo-Fa To Locate Unknown Node In A 2d Environment	Aditya College Of Engineering &Technology	13-14 Sept 2020
23	Dabbugodla Sujatha	Veda 2k20	Paper Presentation	A Decentralize+H35:H45d Storage System For 3d Medical Data With Dynamic Aes And Aes-Gcm Encryption	Aditya College Of Engineering &Technology	13-14 Sept 2020
24	Rama Krishna Gadde	Veda 2k20	Poster Presentation	Detection And Analysis Of Bacterial Water Using Photonic Crystal Ring-Resonator Based Refractive-Index Sensor On Soi Platform	Aditya College Of Engineering &Technology	13-14 Sept 2020
25	Gadde Rama Krishna	Veda 2k20	Poster Presentation	Detection And Analysis Of Bacterial Water Using Photonic Crystal Ring-Resonator Based Refractive-Index Sensor On Soi Platform	Aditya College Of Engineering &Technology	13-14 Sept 2020
26	Gundumalla Bhavani Shankar	Veda 2k20	Poster Presentation	Dengue Disease Forecasting: Current Outbreak And Diagnostic Model's Analysis	Aditya College Of Engineering &Technology	13-14 Sept 2020
27	Kanala Mahendranath Reddy	Veda 2k20	Poster Presentation	Dengue Disease Forecasting: Current Outbreak And Diagnostic Model's Analysis	Aditya College Of Engineering &Technology	13-14 Sept 2020
28	VighneswaraKanaparthi	Veda 2k20	Poster Presentation	Kinematic Analysis AndModeling The Gait By Parametrisation Of Body Trajectories Of A Quadruped Robot	Aditya College Of Engineering &Technology	13-14 Sept 2020
29	Kanigiri Ratna Kumari	Veda 2k20	Poster Presentation	Kinematic Analysis AndModeling The Gait By Parametrisation Of Body Trajectories Of A Quadruped Robot	Aditya College Of Engineering &Technology	13-14 Sept 2020
30	Karri Srinivasa Rao	Veda 2k20	Poster Presentation	A Multilevel Inverter Employing Switches And Capacitors Paralleled To A Voltage Source	Aditya College Of Engineering &Technology	13-14 Sept 2020
31	Subrahmanyam Koduri	Veda 2k20	Poster Presentation	A Multilevel Inverter Employing Switches And Capacitors Paralleled To A Voltage Source	Aditya College Of Engineering &Technology	13-14 Sept 2020
32	Koduri Subrahmanyam	Veda 2k20	Paper Presentation	A Review On The Analysis Of Wind Speed And Generated Power In India	Aditya College Of Engineering &Technology	13-14 Sept 2020

33	Kondapalli Srinivasu	Veda 2k20	Paper Presentation	A Review On The Analysis Of Wind Speed And Generated Power In India	Aditya College Of Engineering &Technology	13-14 Sept 2020
34	Kotcherla Shanmukha Sai Ganesh Adinarayana	Veda 2k20	Paper Presentation	Modelling And Performance Analysis OfCupc And C60 Based Bilayer Organic Photodetector	Aditya College Of Engineering &Technology	13-14 Sept 2020
35	Kothagulla Anil	Veda 2k20	Paper Presentation	Modelling And Performance Analysis OfCupc And C60 Based Bilayer Organic Photodetector	Aditya College Of Engineering &Technology	13-14 Sept 2020
36	Satya Krishna Kovvuri	Veda 2k20	Paper Presentation	Pressure Sensing Using A Two-Dimensional Photonic Crystal Sensor	Aditya College Of Engineering &Technology	13-14 Sept 2020
37	Arunkumar Kukkala	Veda 2k20	Paper Presentation	Pressure Sensing Using A Two-Dimensional Photonic Crystal Sensor	Aditya College Of Engineering &Technology	13-14 Sept 2020
38	Medicharla Vamsi	Veda 2k20	Paper Presentation	Electricity Demand Estimation Using Arima Forecasting Model.	Aditya College Of Engineering &Technology	13-14 Sept 2020
39	Patnala Uma Naga Devi	Veda 2k20	Paper Presentation	Electricity Demand Estimation Using Arima Forecasting Model.	Aditya College Of Engineering &Technology	13-14 Sept 2020
40	Likhit Surya	Veda 2k20	Paper Presentation	The Power Quality Performance OfMmc-Dstatcom Under Unbalanced And Faulty Grid Conditions In Low Voltage Micro Grids	Aditya College Of Engineering &Technology	13-14 Sept 2020
41	Pitta Sunil Kumar	Veda 2k20	Paper Presentation	The Power Quality Performance OfMmc-Dstatcom Under Unbalanced And Faulty Grid Conditions In Low Voltage Micro Grids	Aditya College Of Engineering &Technology	13-14 Sept 2020
42	Mr.Puranapanda Kameswararao	Veda 2k20	Paper Presentation	Wheeled Robotic Arm Using Arduino Controlled Through Bluetooth	Aditya College Of Engineering &Technology	13-14 Sept 2020
43	PuranapandaKa meswararao	Veda 2k20	Paper Presentation	Wheeled Robotic Arm Using Arduino Controlled Through Bluetooth	Aditya College Of Engineering &Technology	13-14 Sept 2020
44	Shanmukha Sai Santosh Kumar	Veda 2k20	Poster Presentation	Stock Market Prediction By Using Linear Regression, Support Vector Machine, And Random Forest	Aditya College Of Engineering &Technology	13-14 Sept 2020
45	Sheik Sajid	Veda 2k20	Poster Presentation	A Study On Emerging Artificial Intelligence Applications In Structural Engineering	Aditya College Of Engineering &Technology	13-14 Sept 2020

46	M S D Malleswari Sodagam	Veda 2k20	Poster Presentation	Contemporary Evolution Of Artificial Intelligence (Ai): An Overview And Applications	Aditya College Of Engineering &Technology	13-14 Sept 2020
47	Sodagam Machara Satya Durga Malleswari	Veda 2k20	Poster Presentation	Contemporary Evolution Of Artificial Intelligence (Ai): An Overview And Applications	Aditya College Of Engineering &Technology	13-14 Sept 2020
48	Yamini Devi Teku	Veda 2k20	Poster Presentation	A Cloud-Based Real Time Weather Reporting System Using Iot	Aditya College Of Engineering &Technology	13-14 Sept 2020
49	Mavish Thota	Veda 2k20	Paper Presentation	A Cloud-Based Real Time Weather Reporting System Using Iot	Aditya College Of Engineering &Technology	13-14 Sept 2020
50	Thota Mavish	Veda 2k20	Paper Presentation	Role Of IotTo Avoid Spreading Of Covid-19	Aditya College Of Engineering &Technology	13-14 Sept 2020
51	Navya Thotakura	Veda 2k20	Paper Presentation	Role Of IotTo Avoid Spreading Of Covid-20	Aditya College Of Engineering &Technology	13-14 Sept 2020
52	Thotakura Navya	Veda 2k20	Paper Presentation	Iot Based Smart Irrigation System Using Sensors: A Revolutionary Idea In The Field Of Agriculture In India	Aditya College Of Engineering &Technology	13-14 Sept 2020
53	Veera Bhavani Vasamsetti	Veda 2k20	Paper Presentation	Iot Based Smart Irrigation System Using Sensors: A Revolutionary Idea In The Field Of Agriculture In India	Aditya College Of Engineering &Technology	13-14 Sept 2020
54	Dommeti Venkata Keerthi	Veda 2k20	Paper Presentation	Iot-Enabled Air Pollution Monitoring: Technologies, Solutions And Challenges	Aditya College Of Engineering &Technology	13-14 Sept 2020
55	AthkuriChandha naashre	Veda 2k20	Paper Presentation	Iot-Enabled Air Pollution Monitoring: Technologies, Solutions And Challenges	Aditya College Of Engineering &Technology	13-14 Sept 2020
56	Bavisetti Sirisha	Veda 2k20	Paper Presentation	Iot Application For Home Automation	Aditya College Of Engineering &Technology	13-14 Sept 2020
57	Muralikrishna Gooturu	Veda 2k20	Paper Presentation	Iot Application For Home Automation	Aditya College Of Engineering &Technology	13-14 Sept 2020
58	Gooturu Murali Krishna	Veda 2k20	Paper Presentation	Alive Human Detection And Health Monitoring Using Iot Based Robot	Aditya College Of Engineering &Technology	13-14 Sept 2020
59	Murali Krishna Gooturu	Veda 2k20	Poster Presentation	Alive Human Detection And Health Monitoring Using Iot Based Robot	Aditya College Of Engineering &Technology	13-14 Sept 2020

60	Garaga Veera Venkata Rama Krishna	Veda 2k20	Poster Presentation	An Intelligent Flood Automation System Using IotAnd Machine Learning	Aditya College Of Engineering &Technology	13-14 Sept 2020
61	Kala Rani Sathi	Veda 2k20	Poster Presentation	An Intelligent Flood Automation System Using IotAnd Machine Learning	Aditya College Of Engineering &Technology	13-14 Sept 2020
62	G Sai Naga Lakshmi Gayatri	Veda 2k20	Poster Presentation	An Efficient Hybrid Technique For Automatic License Plate Recognitions	Aditya College Of Engineering &Technology	13-14 Sept 2020
63	Kaduluri Sridevi Krishna	Veda 2k20	Poster Presentation	An Efficient Hybrid Technique For Automatic License Plate Recognitions	Aditya College Of Engineering &Technology	13-14 Sept 2020
64	K. Nagababu	Veda 2k20	Paper Presentation	Artificial Intelligence Based System For Securing Computer Networks: A Survey	Aditya College Of Engineering &Technology	13-14 Sept 2020
65	Koduri L S M Bhavani	Veda 2k20	Paper Presentation	Artificial Intelligence Based System For Securing Computer Networks: A Survey	Aditya College Of Engineering &Technology	13-14 Sept 2020
66	Prudhvi Babu Kommu	Veda 2k20	Paper Presentation	Artificial Intelligence Based Fake News Detection Techniques	Aditya College Of Engineering &Technology	13-14 Sept 2020
67	KommuPrudhvi babu	Veda 2k20	Paper Presentation	Artificial Intelligence Based Fake News Detection Techniques	Aditya College Of Engineering &Technology	13-14 Sept 2020
68	Kommu Prudhvi Babu	Veda 2k20	Paper Presentation	A Detailed Investigation On Forest Monitoring System For Wildfire Using Iot	Aditya College Of Engineering &Technology	13-14 Sept 2020
69	Someswari Devi Magapu	Veda 2k20	Paper Presentation	A Detailed Investigation On Forest Monitoring System For Wildfire Using Iot	Aditya College Of Engineering &Technology	13-14 Sept 2020
70	Manda Srinivasa Raghuram	Veda 2k20	Paper Presentation	A Review OnIot Applications In Smart Agriculture	Aditya College Of Engineering &Technology	13-14 Sept 2020
71	Lakshmi Prasanthi Nethi	Veda 2k20	Paper Presentation	A Review OnIot Applications In Smart Agriculture	Aditya College Of Engineering &Technology	13-14 Sept 2020
72	Mirapala Siva Yesu Durga Prashanth	Veda 2k20	Paper Presentation	An Analysis Of Intelligent Parking System Using Artificial Intelligence For Iot Applications	Aditya College Of Engineering &Technology	13-14 Sept 2020
73	N.Bala Durga Mallesh	Veda 2k20	Paper Presentation	An Analysis Of Intelligent Parking System Using Artificial Intelligence For Iot Applications	Aditya College Of Engineering &Technology	13-14 Sept 2020

74	Narla Sindhura Devi	Veda 2k20	Paper Presentation	Finite State Machine For Testing The Gui Using Genetic Algorithm Based On Weightage Given To Different Classes	Aditya College Of Engineering &Technology	13-14 Sept 2020
75	Nunna Sruthi	Veda 2k20	Paper Presentation	Finite State Machine For Testing The Gui Using Genetic Algorithm Based On Weightage Given To Different Classes	Aditya College Of Engineering &Technology	13-14 Sept 2020
76	Dhana Lakshmi Pepakayala	Veda 2k20	Paper Presentation	Resmote: A New Approach For Class Imbalance Problem	Aditya College Of Engineering &Technology	13-14 Sept 2020
77	Peketi Mani Vinodh	Veda 2k20	Poster Presentation	Resmote: A New Approach For Class Imbalance Problem	Aditya College Of Engineering &Technology	13-14 Sept 2020
78	Mani Vinodh Peketi	Veda 2k20	Poster Presentation	Stock Conjecturer: Stock Price Prediction Based On Support Vector Machines Model	Aditya College Of Engineering &Technology	13-14 Sept 2020
79	Mani Vinodh Peketi	Veda 2k20	Paper Presentation	Stock Conjecturer: Stock Price Prediction Based On Support Vector Machines Model	Aditya College Of Engineering &Technology	13-14 Sept 2020
80	Patneedi Hema Raghu Bharathi	Veda 2k20	Paper Presentation	Output Power Prediction Of Solar Photovoltaic Panel Using Machine Learning Approach	Aditya College Of Engineering &Technology	13-14 Sept 2020
81	Jammana Chanukya Sai	Veda 2k20	Paper Presentation	Output Power Prediction Of Solar Photovoltaic Panel Using Machine Learning Approach	Aditya College Of Engineering &Technology	13-14 Sept 2020
82	Kamisetty Shanmukha Sriram Aditya	Veda 2k20	Paper Presentation	Visualizing Medical Flower Details By Using Deep Neural Networks	Aditya College Of Engineering &Technology	13-14 Sept 2020
83	Katamreddi Vijaya Prathap	Veda 2k20	Paper Presentation	Visualizing Medical Flower Details By Using Deep Neural Networks	Aditya College Of Engineering &Technology	13-14 Sept 2020
84	Kotti Sravya	Veda 2k20	Paper Presentation	Face Detection System For Smart Security Application	Aditya College Of Engineering &Technology	13-14 Sept 2020
85	Marella Lakshmi Lavanya	Veda 2k20	Paper Presentation	Face Detection System For Smart Security Application	Aditya College Of Engineering &Technology	13-14 Sept 2020

2019-20 PARTICIPATED (PAPER & POSTER)

S.No	Name of the Students	Name of the Event	Event Attend	Topic	Venue	Date
1	Masina Veerendra	Medha 2019	Paper Presentation	Paper Presentation On Haptic Technology	Godavari Institute Of Engineering &Technology	Sep 13,14, 2019
2	N V V S S Sai Ram Padala	Medha 2019	Paper Presentation	Paper Presentation On Haptic Technology	Godavari Institute Of Engineering &Technology	Sep 13,14, 2019
3	Kommireddy Gayatri Lokesh	Medha 2019	Paper Presentation	Paper Presentation On Rippa- The Farming Robot	Godavari Institute Of Engineering &Technology	Sep 13,14, 2019
4	VelagalaUmamaheswari	Medha 2019	Paper Presentation	Paper Presentation On Rippa- The Farming Robot	Godavari Institute Of Engineering &Technology	Sep 13,14, 2019
5	Yalamati Lavanya	Medha 2019	Paper Presentation	Paper Presentation On Recycling Of Plastic	Godavari Institute Of Engineering &Technology	Sep 13,14, 2019
6	Savarapu Kiran	Medha 2019	Paper Presentation	Paper Presentation On Recycling Of Plastic	Godavari Institute Of Engineering &Technology	Sep 13,14, 2019
7	Varanasi R L L S D Keerthipriya	Medha 2019	Paper Presentation	Paper Presentation On Solar Roadways	Godavari Institute Of Engineering &Technology	Sep 13,14, 2019
8	Badeti Yuvarani	Medha 2019	Paper Presentation	Paper Presentation On Solar Roadways	Godavari Institute Of Engineering &Technology	Sep 13,14, 2019
9	Peketi Mani Vinodh	Medha 2019	Paper Presentation	Paper Presentation On Machine Learning	Godavari Institute Of Engineering &Technology	Sep 13,14, 2019
10	Dasari Narendra Babu	Veda 2k19	Paper Presentation	Paper Presentation On Machine Learning	Aditya Engineering College	Sep 13,14, 2019
11	Nallamilli Vinitha Reddy	Veda 2k19	Paper Presentation	Paper Presentation On Machine Learning	Aditya Engineering College	Sep 13,14, 2019

12	Jyothisaranaya	Veda 2k19	PAPER PRESENTATION	Paper Presentation On Machine Learning	Aditya Engineering College	Sep 13,14, 2019
13	Nunna Sruthi	Veda 2k19	Paper Presentation	Paper Presentation On Microelectronic Capsule	Aditya Engineering College	Sep 13,14, 2019
14	Rokalla Devika	Veda 2k19	Paper Presentation	Paper Presentation On Microelectronic Capsule	Aditya Engineering College	Sep 13,14, 2019
15	Narla Sindhura Devi	Veda 2k19	Poster Presentation	Poster Presentation On Green Buildings	Aditya Engineering College	Sep 13,14, 2019
16	Kadari Madhu Varma	Veda 2k19	Poster Presentation	Poster Presentation On Green Buildings	Aditya Engineering College	Sep 13,14, 2019
17	Matuparthi Manoj Sai	Veda 2k19	Poster Presentation	Poster Presentation On 3d Integrated Circuits	Aditya Engineering College	Sep 13,14, 2019
18	Bathula Swathi	Veda 2k19	Poster Presentation	Poster Presentation On 3d Integrated Circuits	Aditya Engineering College	Sep 13,14, 2019
19	Chokka Santhi Sowjanya Mani	Veda 2k19	Poster Presentation	Poster Presentation On Biodegradable Electronics Waste	Aditya Engineering College	Sep 13,14, 2019
20	Burra Sri Durga Chandrika	Veda 2k19	Poster Presentation	Poster Presentation On Biodegradable Electronics Waste	Aditya Engineering College	Sep 13,14, 2019
21	Nakirakanti Thanuja	Veda 2k19	Paper Presentation	Paper Presentation On Wireless Technology	Aditya Engineering College	Sep 13,14, 2019
22	Magapu V V Surya Satya Someswari Devi	Veda 2k19	Paper Presentation	Paper Presentation On Wireless Technology	Aditya Engineering College	Sep 13,14, 2019
23	Manda Srinivasa Raghuram	Veda 2k19	Paper Presentation	Paper Presentation On Haptic Technology	Aditya Engineering College	Sep 13,14, 2019
24	Attili Ramakrishna Vyshnav	Veda 2k19	Paper Presentation	Paper Presentation On Haptic Technology	Aditya Engineering College	Sep 13,14, 2019
25	Gorrela Sri Sai Durga Sowndarya	Veda 2k19	Paper Presentation	Paper Presentation On Electric Charging Stations	Aditya Engineering College	Sep 13,14, 2019
26	KadiyamBilvika	Veda 2k19	Paper Presentation	Paper Presentation On Electric Charging Stations	Aditya Engineering College	Sep 13,14, 2019

27	S.Ramya Sri	Veda 2k19	Paper Presentation	Paper Presentation On Robot For Intelligent Perception And Precision Application (Rippa)	Aditya Engineering College	Sep 13,14, 2019
28	Bojja Kiran Kumar	Veda 2k19	Paper Presentation	Paper Presentation On Robot For Intelligent Perception And Precision Application (Rippa)	Aditya Engineering College	Sep 13,14, 2019
29	Gampala Ajay Durga Varaprasad	Veda 2k19	Paper Presentation	Paper Presentation On Micro Electronic Capsule	Aditya Engineering College	Sep 13,14, 2019
30	J Ganga Anusha	Veda 2k19	Paper Presentation	Paper Presentation On Micro Electronic Capsule	Aditya Engineering College	Sep 13,14, 2019
31	Parimi Veera Venkata Vara Prakash	Veda 2k19	Paper Presentation	Paper Presentation On Plastic Solar Cell	Aditya Engineering College	Sep 13,14, 2019
32	Tungapalli Krishna Veera Manikanta	Veda 2k19	Paper Presentation	Paper Presentation On Plastic Solar Cell	Aditya Engineering College	Sep 13,14, 2019
33	M.J.V.Mahalakshmi	Veda 2k19	Paper Presentation	Paper Presentation On Plastic Solar Cell	Aditya Engineering College	Sep 13,14, 2019
34	Muthyala Krishna Sailaja	Veda 2k19	Paper Presentation	Paper Presentation On Plastic Solar Cell	Aditya Engineering College	Sep 13,14, 2019
35	NukalabanthiSaiprasanna	Veda 2k19	Poster Presentation	Poster Presentation On Cybersecurity	Aditya Engineering College	Sep 13,14, 2019
36	Palati Hemalatha	Veda 2k19	Poster Presentation	Poster Presentation On Cybersecurity	Aditya Engineering College	Sep 13,14, 2019
37	Karthik Sikakollu	Veda 2k19	Poster Presentation	Paper Presentation On Machine Learning	Aditya Engineering College	Sep 13,14, 2019
38	Sikakollu Karthik	Veda 2k19	Poster Presentation	Paper Presentation On Machine Learning	Aditya Engineering College	Sep 13,14, 2019
39	Pavani Nanduri	Veda 2k19	Poster Presentation	Poster Presentation On Bank Robbery Detection System Using Computer Vision	Aditya Engineering College	Sep 13,14, 2019
40	Sudha Rani Putta	Veda 2k19	Poster Presentation	Poster Presentation On Bank Robbery Detection System Using Computer Vision	Aditya Engineering College	Sep 13,14, 2019
41	R.S.D.S. Ramakrishna Vamsi	Veda 2k19	Paper Presentation	Paper Presentation On Eye Directive Wheel Chair	Aditya Engineering College	Sep 13,14, 2019

42	Devika Rokalla	Veda 2k19	Paper Presentation	Paper Presentation On Eye Directive Wheel Chair	Aditya Engineering College	Sep 13,14, 2019
43	Rokkam Ganesh	Veda 2k19	Paper Presentation	Paper Presentation On Eye Directive Wheel Chair	Aditya Engineering College	Sep 13,14, 2019
44	Tungapalli Krishna Veera Manikanta	Veda 2k19	Paper Presentation	Paper Presentation On Eye Directive Wheel Chair	Aditya Engineering College	Sep 13,14, 2019
45	Adhikari Venkataratnam Naidu	Veda 2k19	Paper Presentation	Paper Presentation OnIsro	Aditya Engineering College	Sep 13,14, 2019
46	Chinta Bharath Surya	Veda 2k19	Paper Presentation	Paper Presentation OnIsro	Aditya Engineering College	Sep 13,14, 2019
47	Adabala Veera Chandini	Veda 2k19	Poster Presentation	Poster Presentation OnLifi Technology	Aditya Engineering College	Sep 13,14, 2019
48	KotikalapudiManisri Sowjanya	Veda 2k19	Poster Presentation	Poster Presentation OnLifi Technology	Aditya Engineering College	Sep 13,14, 2019
49	Kasina Dhanaraju	Veda 2k19	Poster Presentation	Poster Presentation On Internet Of Things	Aditya Engineering College	Sep 13,14, 2019
50	Peddireddi Narasimha Manikanta Sairaja	Veda 2k19	Poster Presentation	Poster Presentation On Internet Of Things	Aditya Engineering College	Sep 13,14, 2019
51	Maheswari Busala	Veda 2k19	Poster Presentation	Poster Presentation On Internet Of Things	Aditya Engineering College	Sep 13,14, 2019
52	Ravula Sri Surya Devi	Veda 2k19	Poster Presentation	Poster Presentation On Internet Of Things	Aditya Engineering College	Sep 13,14, 2019
53	Reethika Haridasu	Veda 2k19	Paper Presentation	Paper Presentation On Query Recommendation For Search Engine Results	Aditya Engineering College	Sep 13,14, 2019
54	Siraparapu Mounika	Veda 2k19	Paper Presentation	Paper Presentation On Query Recommendation For Search Engine Results	Aditya Engineering College	Sep 13,14, 2019
55	V Usha Rani	Veda 2k19	Paper Presentation	Paper Presentation On Health Information Sharing In Cloud Environment Using Modular Encryption Standard	Aditya Engineering College	Sep 13,14, 2019
56	LladiMahesh	Veda 2k19	Paper Presentation	PAPER PRESENTATION ON Health Information Sharing In Cloud Environment Using Modular Encryption Standard	Aditya Engineering College	SEP 13,14, 2019

57	A.L.N.R.SRIRAM	Veda 2k19	Paper Presentation	Paper Presentation On Embedded Systems	Aditya Engineering College	Sep 13,14, 2019
58	Kiran Kumar Bojja	Veda 2k19	Paper Presentation	Paper Presentation On Embedded Systems	Aditya Engineering College	Sep 13,14, 2019
59	Chikkala Naga Sai Lovaraju	Veda 2k19	Paper Presentation	Paper Presentation On Recycling Of Electronic Waste	Aditya Engineering College	Sep 13,14, 2019
60	GandepalliKasulamma	Veda 2k19	Paper Presentation	Paper Presentation On Recycling Of Electronic Waste	Aditya Engineering College	Sep 13,14, 2019
61	Ganni Bala Santhoshi	Veda 2k19	Paper Presentation	Paper Presentation On Recycling Of Electronic Waste	Aditya Engineering College	Sep 13,14, 2019
62	Jujjavarapu Venkata Vijaya Lakshmi	Veda 2k19	Paper Presentation	Paper Presentation On Wireless Technology	Aditya Engineering College	Sep 13,14, 2019
63	Palivela Venkatesh	Veda 2k19	Paper Presentation	Paper Presentation On Wireless Technology	Aditya Engineering College	Sep 13,14, 2019
64	Manga Anusha Devi	Veda 2k19	Poster Presentation	Poster Presentation On Electronic Waste	Aditya Engineering College	Sep 13,14, 2019
65	Oruganti Pavani	Veda 2k19	Poster Presentation	Poster Presentation On Electronic Waste	Aditya Engineering College	Sep 13,14, 2019
66	Penugonda Venkata Sai	Veda 2k19	Paper Presentation	Paper Presentation On Stealth Technology	Aditya Engineering College	Sep 13,14, 2019
67	Pethakamsetti Srinu	Veda 2k19	Paper Presentation	Paper Presentation On Stealth Technology	Aditya Engineering College	Sep 13,14, 2019
68	Vallepalli Durga Malleswari	Veda 2k19	Paper Presentation	Paper Presentation On Stealth Technology	Aditya Engineering College	Sep 13,14, 2019
69	Yarakam Siva Ganga Durga Pradeep Reddy	Veda 2k19	Paper Presentation	Paper Presentation On Stealth Technology	Aditya Engineering College	Sep 13,14, 2019
70	Yeluri Kalyani	Veda 2k19	Paper Presentation	Challenges And Issues Of Load Balancing Algorithms In Cloud	Aditya Engineering College	Sep 13,14, 2019
71	Bajinku Pavan Kumar	Veda 2k19	Paper Presentation	Challenges And Issues Of Load Balancing Algorithms In Cloud	Aditya Engineering College	Sep 13,14, 2019
72	Boddeti Satish	Veda 2k19	Poster Presentation	Optimization Of Apteen Protocol In The Wireless Sensor Network Using The Huffman Coding And Artificial Neural Networ	Aditya Engineering College	Sep 13,14, 2019
73	Challa Roopa	Veda 2k19	Poster Presentation	Optimization Of Apteen Protocol In The Wireless Sensor Network Using The	Aditya Engineering College	Sep 13,14, 2019

				Huffman Coding And Artificial Neural Networ		
74	Dudala Sindhu	Veda 2k19	Poster Presentation	Assessment Of Radiation Density Of Cell Phone Tower For Epidemiological Studies	Aditya Engineering College	Sep 13,14, 2019
75	Pechetti Hari Veeraganesh	Veda 2k19	Poster Presentation	Assessment Of Radiation Density Of Cell Phone Tower For Epidemiological Studies	Aditya Engineering College	Sep 13,14, 2019
76	Divya SandeepthiPenupot hula	Veda 2k19	Poster Presentation	Routing Protocols For Wireless Sensor Network: A Review And Open Research Challenges	Aditya Engineering College	Sep 13,14, 2019
77	Posini Sai Kumar	Veda 2k19	Poster Presentation	Routing Protocols For Wireless Sensor Network: A Review And Open Research Challenges	Aditya Engineering College	Sep 13,14, 2019
78	Punyamanthula Jyothi	Veda 2k19	Poster Presentation	Design Of Uds Protocol In An Automotive Electronic Control Unit	Aditya Engineering College	Sep 13,14, 2019
79	Uppu.Veera Venkata Damodhar Satyanarayana	Veda 2k19	Poster Presentation	Design Of Uds Protocol In An Automotive Electronic Control Unit	Aditya Engineering College	Sep 13,14, 2019
80	Vasamsetty Laxmi Prasanna	Veda 2k19	Poster Presentation	Performance Analysis Of Wearable Antenna Using Different Substrate Fabrics	Aditya Engineering College	Sep 13,14, 2019
81	Tadi Vijaya Veena	Veda 2k19	Poster Presentation	Performance Analysis Of Wearable Antenna Using Different Substrate Fabrics	Aditya Engineering College	Sep 13,14, 2019
82	Kunche Lakshmi Narayana Naga Satyasri	Veda 2k19	Poster Presentation	Performance Evaluation OfIot In 5g Technologies For Fire And Spark Activity Detection	Aditya Engineering College	Sep 13,14, 2019
83	Nadella Divya Rani	Veda 2k19	Poster Presentation	Performance Evaluation OfIot In 5g Technologies For Fire And Spark Activity Detection	Aditya Engineering College	Sep 13,14, 2019
84	Bathula Vijay Naga Chandra	Veda 2k19	Poster Presentation	Cloud Enabled Architecture Of 5-G Small Cell Network	Aditya Engineering College	Sep 13,14, 2019

85	Bikkina Veera Venkata Rama Rao	Veda 2k19	Poster Presentation	Cloud Enabled Architecture of 5-G Small Cell Network	Aditya Engineering College	SEP 13,14, 2019
86	Boddu Jagadish	Veda 2k19	Paper Presentation	Dnn- Based Manipulation Of Cepstral Excitation To Improve Speech Quality	Aditya Engineering College	Sep 13,14, 2019
87	Vadrevu Revathi	Veda 2k19	Paper Presentation	Dnn- Based Manipulation Of Cepstral Excitation To Improve Speech Quality	Aditya Engineering College	Sep 13,14, 2019
88	Chameeru S R L S S Sai Kumar	Veda 2k19	Paper Presentation	Image Classification Of Land Use Land Cover Of Bengaluru City Using Convolutional Neural Network	Aditya Engineering College	Sep 13,14, 2019
89	N V V S S Sai Ram Padala	Veda 2k19	Paper Presentation	Image Classification Of Land Use Land Cover Of Bengaluru City Using Convolutional Neural Network	Aditya Engineering College	Sep 13,14, 2019
90	Gunnam Lavanya	Veda 2k19	Paper Presentation	Oral Tumor Segmentation And Detection Using Clustering And Morphological Proces	Aditya Engineering College	Sep 13,14, 2019
91	Ganta Sri Sailakshmi Rekha Devi	Veda 2k19	Paper Presentation	Oral Tumor Segmentation And Detection Using Clustering And Morphological Proces	Aditya Engineering College	Sep 13,14, 2019
92	Gorjilla Bhagath	Veda 2k19	Paper Presentation	Modeling And Simulation Of An Optical Sensor For Cancer Cell Detection	Aditya Engineering College	Sep 13,14, 2019
93	Janapaneedi Sravya Jyothi	Veda 2k19	Paper Presentation	Modeling And Simulation Of An Optical Sensor For Cancer Cell Detection	Aditya Engineering College	Sep 13,14, 2019
94	Kandikonda Harika	Veda 2k19	Paper Presentation	Quantum Computing In Image Processing	Aditya Engineering College	Sep 13,14, 2019
95	Kavuri Sri Hari	Veda 2k19	Paper Presentation	Quantum Computing In Image Processing	Aditya Engineering College	Sep 13,14, 2019
96	Bhavya Mounika Yadav	Veda 2k19	Paper Presentation	Tongue Diagnosis Using CnnFor Disease Detection	Aditya Engineering College	Sep 13,14, 2019

97	Nimmalapudi Krishna Priyanka	Veda 2k19	Paper Presentation	Tongue Diagnosis Using CnnFor Disease Detection	Aditya Engineering College	Sep 13,14, 2019
98	Mallapragada Samba Siva Sai	Veda 2k19	Paper Presentation	A Private Block Chain-Based Distributed Ledger Storage Structure For Enhancing Data Security Of Academic Documents	Aditya Engineering College	Sep 13,14, 2019
99	Marise Durga Bhavani	Veda 2k19	Paper Presentation	A Private Block Chain-Based Distributed Ledger Storage Structure For Enhancing Data Security Of Academic Documents	Aditya Engineering College	Sep 13,14, 2019
100	Mathamsetti Mahitha	Veda 2k19	Paper Presentation	Deep Neural Network Inference Via Edge Computing: Ondemand Accelerating	Aditya Engineering College	Sep 13,14, 2019
101	Mattey Pavan Vihari	Veda 2k19	Paper Presentation	Deep Neural Network Inference Via Edge Computing: Ondemand Accelerating	Aditya Engineering College	Sep 13,14, 2019
102	Mudumbai Naga Satya Naveen	Veda 2k19	Paper Presentation	Interference-Normalized Least Mean Square Algorithm: A Comparative Study	Aditya Engineering College	Sep 13,14, 2019
103	Pappu Devi Venkata Atchiyyamma	Veda 2k19	Paper Presentation	Interference-Normalized Least Mean Square Algorithm: A Comparative Study	Aditya Engineering College	Sep 13,14, 2019
104	Pilli Naga Praneeth	Veda 2k19	Paper Presentation	Optimization Of Apteen Protocol In The Wireless Sensor Network Using The Huffman Coding And Artificial Neural Network	Aditya Engineering College	Sep 13,14, 2019
105	Polisetty Harshavardhan	Veda 2k19	Paper Presentation	Optimization Of Apteen Protocol In The Wireless Sensor Network Using The Huffman Coding And Artificial Neural Network	Aditya Engineering College	SEP 13,14, 2019
106	Ravuri Anusha Devi	Veda 2k19	Paper Presentation	Assessment Of Radiation Density Of Cell Phone Tower For Epidemiological Studies	Aditya Engineering College	SEP 13,14, 2019

107	Reddi Siva Ramakrishna	Veda 2k19	Paper Presentation	Assessment Of Radiation Density Of Cell Phone Tower For Epidemiological Studies	Aditya Engineering College	SEP 13,14, 2019
108	Sara Honey Priya	Veda 2k19	Paper Presentation	Routing Protocols For Wireless Sensor Network: A Review And Open Research Challenges	Aditya Engineering College	SEP 13,14, 2019
109	Undavalli Durga Pavani	Veda 2k19	Paper Presentation	Routing Protocols For Wireless Sensor Network: A Review And Open Research Challenges	Aditya Engineering College	SEP 13,14, 2019
110	Vuddagiri Veera Venkata Satya Kameswararao	Veda 2k19	Paper Presentation	Design Of Uds Protocol In An Automotive Electronic Control Unit	Aditya Engineering College	SEP 13,14, 2019
111	Velisetti. A. A. V. S Ch. Asha Devi	Veda 2k19	Paper Presentation	Design Of Uds Protocol In An Automotive Electronic Control Unit	Aditya Engineering College	SEP 13,14, 2019
112	Yendru Veera Venkata Sunil Kumar	Veda 2k19	Paper Presentation	Performance Analysis Of Wearable Antenna Using Different Substrate Fabrics	Aditya Engineering College	SEP 13,14, 2019
113	Yerramsetti Sai Chandrika	Veda 2k19	Paper Presentation	Performance Analysis Of Wearable Antenna Using Different Substrate Fabrics	Aditya Engineering College	SEP 13,14, 2019
114	Adapa Venkata Pavan Kumari	Veda 2k19	Paper Presentation	Performance Evaluation OfIot In 5g Technologies For Fire And Spark Activity Detection	Aditya Engineering College	SEP 13,14, 2019
115	Avvari Suryateja	Veda 2k19	Paper Presentation	Performance Evaluation OfIot In 5g Technologies For Fire And Spark Activity Detection	Aditya Engineering College	SEP 13,14, 2019
116	Behara Venkata Surya Sandeep	Veda 2k19	Paper Presentation	Cloud Enabled Architecture Of 5-G Small Cell Network	Aditya Engineering College	SEP 13,14, 2019
117	Chegondi Dharani	Veda 2k19	Paper Presentation	Cloud Enabled Architecture Of 5-G Small Cell Network	Aditya Engineering College	SEP 13,14, 2019
118	N V V S Dintakurthi	Veda 2k19	Paper Presentation	Dnn- Based Manipulation Of Cepstral Excitation To Improve Speech Quality	Aditya Engineering College	SEP 13,14, 2019
119	Ganisetti Madhuri	Veda 2k19	Paper Presentation	Dnn- Based Manipulation Of Cepstral Excitation To Improve Speech	Aditya Engineering College	SEP 13,14, 2019

				Quality		
120	Gandham Lavanya	Veda 2k19	Paper Presentation	Mapreduce With Time Series Analysis ForDdos Attacks Detection	Aditya Engineering College	SEP 13,14, 2019
121	Jonnada S R N D Lakshmi Supriya	Veda 2k19	Paper Presentation	Mapreduce With Time Series Analysis For Ddos Attacks Detection	Aditya Engineering College	SEP 13,14, 2019
122	Kayala Sureshkumar	Veda 2k19	Paper Presentation	Intensity Normalization With Fuzzy Level Set Method For Brain Tumour Segmentation	Aditya Engineering College	SEP 13,14, 2019
123	Marni Pavan Sai	Veda 2k19	Paper Presentation	Intensity Normalization With Fuzzy Level Set Method For Brain Tumour Segmentation	Aditya Engineering College	SEP 13,14, 2019
124	Marni Satya Devi	Veda 2k19	Paper Presentation	A Novel Approach For Identification Of Weeds In Paddy By Using Deep Learning Techniques	Aditya Engineering College	SEP 13,14, 2019
125	Medipudi Prabhu Chandu	Veda 2k19	Paper Presentation	A Novel Approach For Identification Of Weeds In Paddy By Using Deep Learning Techniques	Aditya Engineering College	Sep 13,14, 2019
126	Adabala Veera Chandini	Veda 2k19	Paper Presentation	Motion Capture And Frame Extraction From Video Using Opencv	Aditya Engineering College	Sep 13,14, 2019
127	Maheswari Busala	Veda 2k19	Paper Presentation	Motion Capture And Frame Extraction From Video Using Opencv	Aditya Engineering College	Sep 13,14, 2019
128	Chinta Bharath Surya	Veda 2k19	Paper Presentation	A Radical Approach To Forecast The Heart Disease At An Early Stage	Aditya Engineering College	Sep 13,14, 2019
129	Kandikonda Harika	Veda 2k19	Paper Presentation	A Radical Approach To Forecast The Heart Disease At An Early Stage	Aditya Engineering College	Sep 13,14, 2019
130	Bhavya Mounika Yadav	Veda 2k19	Paper Presentation	Discourse Feeling Idetification	Aditya Engineering College	Sep 13,14, 2019
131	KotikalapudiManisr i Sowjanya	Veda 2k19	Paper Presentation	Discourse Feeling Idetification	Aditya Engineering College	Sep 13,14, 2019
132	Peddireddi Narasimha Manikanta Sairaja	Veda 2k19	Paper Presentation	Analysis Of Autism Recognition From A Preliminary Symptom	Aditya Engineering College	Sep 13,14, 2019

133	Polisetty Harshavardhan	Veda 2k19	Paper Presentation	Analysis Of Autism Recognition From A Preliminary Symptom	Aditya Engineering College	Sep 13,14, 2019
134	Undavalli Durga Pavani	Veda 2k19	Paper Presentation	Fractional-Order Diffusion Based Image Denoising Model	Aditya Engineering College	Sep 13,14, 2019
135	Velisetti. A. A. V. S. Ch. Asha Devi	Veda 2k19	Paper Presentation	Fractional-Order Diffusion Based Image Denoising Model	Aditya Engineering College	Sep 13,14, 2019
136	N V V S Dintakurthi	Veda 2k19	Paper Presentation	Intelligent Vehicle Safety And Security Monitoring System Using Ecu&Vsu Technology	Aditya Engineering College	Sep 13,14, 2019
137	Gandham Lavanya	Veda 2k19	Paper Presentation	Intelligent Vehicle Safety And Security Monitoring System Using Ecu&Vsu Technology	Aditya Engineering College	Sep 13,14, 2019
138	N V V S S Sai Ram Padala	Veda 2k19	Paper Presentation	A Novel Approach For Cluster Formation Of Virtual Machines Using Elbow Means Technique	Aditya Engineering College	Sep 13,14, 2019
139	Nimmalapudi Krishna Priyanka	Veda 2k19	Paper Presentation	A Novel Approach For Cluster Formation Of Virtual Machines Using Elbow Means Technique	Aditya Engineering College	Sep 13,14, 2019
140	Pilli Naga Praneeth	Veda 2k19	Paper Presentation	Prediction Of Ethereum-Based Transactions Using Machine Learning	Aditya Engineering College	Sep 13,14, 2019
141	Reethika Haridasu	Veda 2k19	Paper Presentation	Prediction Of Ethereum-Based Transactions Using Machine Learning	Aditya Engineering College	Sep 13,14, 2019
142	A.L.N.R.Sriram	Veda 2k19	Paper Presentation	Deep Learning Based Intelligent Waste Identification System	Aditya Engineering College	Sep 13,14, 2019
143	Kiran Kumar Bojja	Veda 2k19	Paper Presentation	Deep Learning Based Intelligent Waste Identification System	Aditya Engineering College	Sep 13,14, 2019
144	GandepalliKasulamma	Veda 2k19	Paper Presentation	A Review On Intelligent Health Care System Using Learning Methods	Aditya Engineering College	Sep 13,14, 2019
145	Ganni Bala Santhoshi	Veda 2k19	Paper Presentation	A Review On Intelligent Health Care System Using Learning Methods	Aditya Engineering College	Sep 13,14, 2019
146	Kasina Dhanaraju	Veda 2k19	Paper Presentation	Exploratory Data Analysis Of Monkeypox Virus Using Machine Learning	Aditya Engineering College	Sep 13,14, 2019

2018-19 PARTICIPATED (PAPER & POSTER)

S.No	NAME OF THE STUDENT	NAME OF THE EVENT	EVENT ATTEND	TOPIC	VENUE	DATE
1	Chokka Santhi Sowjanya Mani	Veda 2k18	Paper Presentation	Paper Presentation On Brain Chip Technology	Aditya Engineering College	Sep13,14-2018
2	Kambala Jhansi Alekhya	Veda 2k18	Paper Presentation	Paper Presentation On Brain Chip Technology	Aditya Engineering College	Sep13,14-2018
3	Bollina Mehar Lavanya	Veda 2k18	Paper Presentation	Paper Presentation OnLifi Technology	Aditya Engineering College	Sep13,14-2018
4	Bonthu Chaitanya Pavan	Veda 2k18	Paper Presentation	Paper Presentation OnLifi Technology	Aditya Engineering College	Sep13,14-2018
5	Godithi Teja	Veda 2k18	Paper Presentation	Routing Protocols For Wireless Sensor Network: A Review And Open Research Challenges	Aditya Engineering College	Sep13,14-2018
6	Kamma Jagadeesh	Veda 2k18	Paper Presentation	Routing Protocols For Wireless Sensor Network: A Review And Open Research Challenges	Aditya Engineering College	Sep13,14-2018
7	Padala Tata Sidda Reddy	Veda 2k18	Poster Presentation	Design Of Uds Protocol In An Automotive Electronic Control Unit	Aditya Engineering College	Sep13,14-2018
8	Pedapati Pradeep	Veda 2k18	Poster Presentation	Design Of Uds Protocol In An Automotive Electronic Control Unit	Aditya Engineering College	Sep13,14-2018
9	Penumarthi Sunitha Devi	Veda 2k18	Paper Presentation	Performance Analysis Of Wearable Antenna Using Different Substrate Fabrics	Aditya Engineering College	Sep13,14-2018
10	Sankaramanchi Hima Bindhu	Veda 2k18	Paper Presentation	Performance Analysis Of Wearable Antenna Using Different Substrate Fabrics	Aditya Engineering College	Sep13,14-2018
11	S .V .V. N. D. B. Bhaskara Manikanta	Veda 2k18	Paper Presentation	Performance Evaluation OfIot In 5g Technologies For Fire And Spark Activity Detection	Aditya Engineering College	Sep13,14-2018
12	Sathi Vija Durga Venkata Reddy	Veda 2k18	Paper Presentation	Performance Evaluation OfIot In 5g Technologies For Fire And Spark Activity Detection	Aditya Engineering College	Sep13,14-2018
13	T. Lakshmi Naga Sai Lavanya	Veda 2k18	Paper Presentation	Cloud Enabled Architecture Of 5-G Small Cell Network	Aditya Engineering College	Sep13,14-2018
14	Talluri Sravya Rekha	Veda 2k18	Paper Presentation	Cloud Enabled Architecture Of 5-G Small Cell Network	Aditya Engineering College	Sep13,14-2018
15	T.Anand Kumar	Veda 2k18	Paper Presentation	Dnn- Based Manipulation Of Cepstral Excitation To Improve Speech Quality	Aditya Engineering College	Sep13,14-2018
16	Vakkapatla Vineetha	Veda 2k18	Paper Presentation	Dnn- Based Manipulation Of Cepstral Excitation To Improve Speech Quality	Aditya Engineering College	Sep13,14-2018

17	A.Baba Karthik	Veda 2k18	Poster Presentation	Image Classification Of Land Use Land Cover Of Bengaluru City Using Convolutional Neural Network	Aditya Engineering College	Sep13,14 -2018
18	Alavala Sai Gowtham Reddy	Veda 2k18	Poster Presentation	Image Classification Of Land Use Land Cover Of Bengaluru City Using Convolutional Neural Network	Aditya Engineering College	Sep13,14 -2018
19	Bandi Abhiram Jayanth	Veda 2k18	Poster Presentation	Assessment Of Radiation Density Of Cell Phone Tower For Epidemiological Studies	Aditya Engineering College	Sep13,14 -2018
20	Bhuvanasi Anitha	Veda 2k18	Poster Presentation	Assessment Of Radiation Density Of Cell Phone Tower For Epidemiological Studies	Aditya Engineering College	Sep13,14 -2018
21	Kedarisetty Swamy	Veda 2k18	Poster Presentation	Oral Tumor Segmentation And Detection Using Clustering And Morphological Proces	Aditya Engineering College	Sep13,14 -2018
22	Kottu Laxmi Gouri Tulasi Priyanka	Veda 2k18	Poster Presentation	Oral Tumor Segmentation And Detection Using Clustering And Morphological Proces	Aditya Engineering College	Sep13,14 -2018
23	Lakshmi Sivamani Hanuman Venkatesh	Veda 2k18	Paper Presentation	Modeling And Simulation Of An Optical Sensor For Cancer Cell Detection	Aditya Engineering College	Sep13,14 -2018
24	Nagavarapu Naga Prudhvi Raj	Veda 2k18	Paper Presentation	Modeling And Simulation Of An Optical Sensor For Cancer Cell Detection	Aditya Engineering College	Sep13,14 -2018
25	Nallamilli Syamala	Veda 2k18	Paper Presentation	Quantum Computing In Image Processing	Aditya Engineering College	Sep13,14 -2018
26	Ramireddy Mounika	Veda 2k18	Paper Presentation	Quantum Computing In Image Processing	Aditya Engineering College	Sep13,14 -2018
27	Reddy Sriram Karthik	Veda 2k18	Paper Presentation	Tongue Diagnosis Using CnnFor Disease Detection	Aditya Engineering College	Sep13,14 -2018
28	Saladi Sai Phani Kumar	Veda 2k18	Paper Presentation	Tongue Diagnosis Using CnnFor Disease Detection	Aditya Engineering College	Sep13,14 -2018
29	Siripurapu Pavan Manikanta	Veda 2k18	Paper Presentation	Analysis Of Speech Features For Speaker Verification Performance In Emotional Mismatched Conditions	Aditya Engineering College	Sep13,14 -2018
30	Sivani Pappu	Veda 2k18	Paper Presentation	Analysis Of Speech Features For Speaker Verification Performance In Emotional Mismatched Conditions	Aditya Engineering College	Sep13,14 -2018
31	Sunkavilli Sri Satya Manikanteswari	Veda 2k18	Paper Presentation	Deep Neural Network Inference Via Edge Computing: Ondemand Accelerating	Aditya Engineering College	Sep13,14 -2018

32	Syed KarimunnisaTabereen	Veda 2k18	Paper Presentation	Deep Neural Network Inference Via Edge Computing: Ondemand Accelerating	Aditya Engineering College	Sep13,14 -2018
33	Akula Haritha	Veda 2k18	Paper Presentation	Interference-Normalized Least Mean Square Algorithm: A Comparative Study	Aditya Engineering College	Sep13,14 -2018
34	Vetsa S S M Sowjanya	Veda 2k18	Paper Presentation	Paper Presentation On Blue Eyes	Aditya Engineering College	Sep13,14 -2018
35	Vuta Lakshmi Chakra Sai Srujana	Veda 2k18	Paper Presentation	Paper Presentation On Blue Eyes	Aditya Engineering College	Sep13,14 -2018
36	Yerramsetti Naveen	Veda 2k18	Paper Presentation	Paper Presentation On Iris Recognition	Aditya Engineering College	Sep13,14 -2018
37	Polisetty Govindaraju	Veda 2k18	Paper Presentation	Paper Presentation On Iris Recognition	Aditya Engineering College	Sep13,14 -2018
38	B.Vinod	Veda 2k18	Paper Presentation	Paper Presentationon 3d Integrated Circuits	Aditya Engineering College	Sep13,14 -2018
39	Barre Sairaj	Veda 2k18	Paper Presentation	Paper Presentationon 3d Integrated Circuits	Aditya Engineering College	Sep13,14 -2018
40	Ch.Munieswar	Veda 2k18	Paper Presentation	Paperpresentation On Green Buildings	Aditya Engineering College	Sep13,14 -2018
41	Deepthi Sri Veera Sai Ambica Patneedi	Veda 2k18	Paper Presentation	Paperpresentation On Green Buildings	Aditya Engineering College	Sep13,14 -2018
42	Gattim Ganga Sirisha	Veda 2k18	Paper Presentation	Paper Presentation OnUrdhvaTiryagbhyam Sutra Multiplier Based 32 Bit Mac Design	Aditya Engineering College	Sep13,14 -2018
43	Gopi Venkata Kranthiveer	Veda 2k18	Paper Presentation	Paper Presentation OnUrdhvaTiryagbhyam Sutra Multiplier Based 32 Bit Mac Design	Aditya Engineering College	Sep13,14 -2018
44	Jagatha Navya Sai	Veda 2k18	Paper Presentation	Paper Presentation On Design And Implementation Of Swarm Robotics For Load Controlling Applications	Aditya Engineering College	Sep13,14 -2018
45	Kanumuri Sri Sindhura	Veda 2k18	Paper Presentation	Paper Presentation On Design And Implementation Of Swarm Robotics For Load Controlling Applications	Aditya Engineering College	Sep13,14 -2018
46	Lingam Kishore	Veda 2k18	Paper Presentation	Paper Presentation Ntegrated Smart Home Management And Security System Based On Wireless Video Streaming Using Internet Of Things	Aditya Engineering College	Sep13,14 -2018

47	Medapati Sesha Venkata Krishna Reddy	Veda 2k18	Paper Presentation	Paper Presentation Ntegrated Smart Home Management And Security System Based On Wireless Video Streaming Using Internet Of Things	Aditya Engineering College	Sep13,14 -2018
51	Siddha Ramanjaneyulu	Veda 2k18	Paper Presentation	Paper Presentation On E Wireless Sensor Networks Based Multi Patient Health Care Monitoring System	Aditya Engineering College	Sep13,14 -2018
52	Siriparapu Venkatesh	Veda 2k18	Paper Presentation	Paper Presentation On A Fast And Efficient Region Based Aneurys Segmentation Model For Medical Image Segmentation	Aditya Engineering College	Sep13,14 -2018
53	Tatavarthi Sirisha Devi	Veda 2k18	Paper Presentation	Paper Presentation On A Fast And Efficient Region Based Aneurys Segmentation Model For Medical Image Segmentation	Aditya Engineering College	Sep13,14 -2018
54	Vaitla Siva Nandini	Veda 2k18	Paper Presentation	Poster Presentation On A Simplified Active-Reactive Power Control Of Distributed Energy Resource Integration With Distribution Grid	Aditya Engineering College	Sep13,14 -2018
55	Korada Srikanya	Veda 2k18	Paper Presentation	Poster Presentation On A Simplified Active-Reactive Power Control Of Distributed Energy Resource Integration With Distribution Grid	Aditya Engineering College	Sep13,14 -2018
56	Dasam Sai Naga Chakra Dora	Veda 2k18	Paper Presentation	Paper Presentation On Haptic Technology	Aditya Engineering College	Sep13,14 -2018
57	Gollapalli V N S Sai Kumar	Veda 2k18	Paper Presentation	Paper Presentation On Haptic Technology	Aditya Engineering College	Sep13,14 -2018
58	Inti Surendra Kumar	Veda 2k18	Paper Presentation	Paper Presentation On Rippa- The Farming Robot	Aditya Engineering College	Sep13,14 -2018
59	Vahnika Meka	Veda 2k18	Paper Presentation	Paper Presentation On Rippa- The Farming Robot	Aditya Engineering College	Sep13,14 -2018
60	Karanam Sirisha	Veda 2k18	Paper Presentation	Paper Presentation On Recycling Of Plastic	Aditya Engineering College	Sep13,14 -2018
61	Kamana Nookaraju	Veda 2k18	Paper Presentation	Paper Presentation On Recycling Of Plastic	Aditya Engineering College	Sep13,14 -2018
62	Maddukuri Veera Venkata Satyanarayana	Veda 2k18	Paper Presentation	A Private Block Chain- Based Distributed Ledger Storage Structure For Enhancing Data Security Of Academic Documents	Aditya Engineering College	Sep13,14 -2018

63	Manthina Jai Sairam	Veda 2k18	Paper Presentation	A Private Block Chain-Based Distributed Ledger Storage Structure For Enhancing Data Security Of Academic Documents	Aditya Engineering College	Sep13,14 -2018
64	Medisetti Satish	Veda 2k18	Poster Presentation	Poster Presentation On Biodegradable Electronics Waste	Aditya Engineering College	Sep13,14 -2018
65	Mudadla Narayanarao	Veda 2k18	Poster Presentation	Poster Presentation On Biodegradable Electronics Waste	Aditya Engineering College	Sep13,14 -2018
66	Pasupuleti Dinesh Kumar	Veda 2k18	Paper Presentation	Paper Presentation On Wireless Technology	Aditya Engineering College	Sep13,14 -2018
67	Sri Harsha Sanku	Veda 2k18	Paper Presentation	Paper Presentation On Wireless Technology	Aditya Engineering College	Sep13,14 -2018
68	Sheik Alli	Veda 2k18	Paper Presentation	Paper Presentation On Haptic Technology	Aditya Engineering College	Sep13,14 -2018
69	Sunkavilli Lakshminarayana	Veda 2k18	Paper Presentation	Paper Presentation On Haptic Technology	Aditya Engineering College	Sep13,14 -2018
70	Thotakura Siva	Veda 2k18	Paper Presentation	Paper Presentation On Electric Charging Stations	Aditya Engineering College	Sep13,14 -2018
71	V.Deepak Sita Ram	Veda 2k18	Paper Presentation	Paper Presentation On Electric Charging Stations	Aditya Engineering College	Sep13,14 -2018
72	Andru Bhargavi	Veda 2k18	Paper Presentation	Paper Presentation On Microelectronic Capsule	Aditya Engineering College	Sep13,14 -2018
73	Behara Sri Lakshmi Sarada Harika	Veda 2k18	Paper Presentation	Paper Presentation On Microelectronic Capsule	Aditya Engineering College	Sep13,14 -2018
74	Betalam S SS Priyanka Meghamala	Veda 2k18	Poster Presentation	A Study Of Important Atmospheric Convective Indices And Their Impacts On Aviation	Aditya Engineering College	Sep13,14 -2018
75	Bollam Sai Raj	Veda 2k18	Poster Presentation	A Study Of Important Atmospheric Convective Indices And Their Impacts On Aviation	Aditya Engineering College	Sep13,14 -2018
76	Burra Adarsa	Veda 2k18	Poster Presentation	Poster Presentation On 3d Integrated Circuits	Aditya Engineering College	Sep13,14 -2018
77	Cheekatla Satya Sai	Veda 2k18	Poster Presentation	Poster Presentation On 3d Integrated Circuits	Aditya Engineering College	Sep13,14 -2018
78	Chekuri Karthik Raju	Veda 2k18	Poster Presentation	Poster Presentation On Biodegradable Electronics Waste	Aditya Engineering College	Sep13,14 -2018
79	Chevvakula Lokeswari Gangabhavani	Veda 2k18	Poster Presentation	Poster Presentation On Biodegradable Electronics Waste	Aditya Engineering College	Sep13,14 -2018
80	Gandham Harsha Sai Satyanarayana	Veda 2k18	Paper Presentation	Paper Presentation On Rippa- The Farming Robot	Aditya Engineering College	Sep13,14 -2018

81	Kappala Bhagya Saroja Ishwarya	Veda 2k18	Paper Presentation	Paper Presentation On Rippa- The Farming Robot	Aditya Engineering College	Sep13,14 -2018
82	Koduru Lakshmi Sai Priyanka	Veda 2k18	Paper Presentation	Paper Presentation On Recycling Of Plastic	Aditya Engineering College	Sep13,14 -2018
83	Kona Naga Suresh	Veda 2k18	Paper Presentation	Paper Presentation On Recycling Of Plastic	Aditya Engineering College	Sep13,14 -2018
84	Kopuri Rajiv Ratan	Veda 2k18	Paper Presentation	Paper Presentation On Solar Roadways	Aditya Engineering College	Sep13,14 -2018
85	Kutha Usha Priya	Veda 2k18	Paper Presentation	Paper Presentation On Solar Roadways	Aditya Engineering College	Sep13,14 -2018
86	Madine Suresh	Veda 2k18	Paper Presentation	An Augmented Neural Network Centered Bitcoin Price Estimate	Aditya Engineering College	Sep13,14 -2018
87	Manda Harika	Veda 2k18	Paper Presentation	An Augmented Neural Network Centered Bitcoin Price Estimate	Aditya Engineering College	Sep13,14 -2018
88	Mutyala Satya Vineela	Veda 2k18	Paper Presentation	Feature Selection Techniques For Cardiovascular Disease Prediction Using Cat Boost And Laplacian Score.	Aditya Engineering College	Sep13,14 -2018
89	Nagulapalli Leela Kalyani	Veda 2k18	Paper Presentation	Feature Selection Techniques For Cardiovascular Disease Prediction Using Cat Boost And Laplacian Score.	Aditya Engineering College	Sep13,14 -2018
90	Nainalasetti Jahnavi	Veda 2k18	Paper Presentation	Detecting Payment Fraud Using Automatic Feature Engineering With Harris Grey Wolf Deep Neural Network	Aditya Engineering College	Sep13,14 -2018
91	Nallamilli Praveena	Veda 2k18	Paper Presentation	Detecting Payment Fraud Using Automatic Feature Engineering With Harris Grey Wolf Deep Neural Network	Aditya Engineering College	Sep13,14 -2018
92	Nimmalapudi Sandhya	Veda 2k18	Paper Presentation	A Deep Learning Based Autonomous Attendance System	Aditya Engineering College	Sep13,14 -2018
93	Yanamadala Sai Poojitha	Veda 2k18	Paper Presentation	A Deep Learning Based Autonomous Attendance System	Aditya Engineering College	Sep13,14 -2018
94	Yerra Veera Venkata Naga Dinesh Kumar	Veda 2k18	Paper Presentation	Deep Learning Based Model For Breast Cancer Subtype Classification	Aditya Engineering College	Sep13,14 -2018
95	Bhanumathi Pedapudi	Veda 2k18	Paper Presentation	Deep Learning Based Model For Breast Cancer Subtype Classification	Aditya Engineering College	Sep13,14 -2018
96	Biruda Sai Chandana	Veda 2k18	Paper Presentation	Ada-Boost Learning Based Recognition Of Hand Gesture For Deaf & Dumb With American Sign Language (Asl)	Aditya Engineering College	Sep13,14 -2018

97	Bodala Satya Sri Durga Geetha Rajeswari	Veda 2k18	Paper Presentation	Ada-Boost Learning Based Recognition Of Hand Gesture For Deaf & Dumb With American Sign Language (Asl)	Aditya Engineering College	Sep13,14 -2018
98	Bolli Leela	Veda 2k18	Poster Presentation	Design And Analysis Of Solar Tracking Using Stepper Motor	Aditya Engineering College	Sep13,14 -2018
99	Chakka Harshini	Veda 2k18	Poster Presentation	Design And Analysis Of Solar Tracking Using Stepper Motor	Aditya Engineering College	Sep13,14 -2018
100	Chikkala Munieswar	Veda 2k18	Paper Presentation	A Bibliometric Study On Robotic Manipulators In The Underwater Environment	Aditya Engineering College	Sep13,14 -2018
101	Chitneedi Baby Nikitha	Veda 2k18	Paper Presentation	A Bibliometric Study On Robotic Manipulators In The Underwater Environment	Aditya Engineering College	Sep13,14 -2018
102	Darsi Pratibha Sri Venkata Ratan	Veda 2k18	Paper Presentation	Finger Skin Temperature Analysis In Response To Hand-Arm Vibrator	Aditya Engineering College	Sep13,14 -2018
103	Diwili Sravanthi	Veda 2k18	Paper Presentation	Finger Skin Temperature Analysis In Response To Hand-Arm Vibrator	Aditya Engineering College	Sep13,14 -2018
104	Duda Rama Sasikala	Veda 2k18	Paper Presentation	Internet Of Things Based Intelligent Garbage Level Monitoring System	Aditya Engineering College	Sep13,14 -2018
105	Dudala Ram Bharathi	Veda 2k18	Paper Presentation	Internet Of Things Based Intelligent Garbage Level Monitoring System	Aditya Engineering College	Sep13,14 -2018
106	Jyothula Rajasekhar	Veda 2k18	Poster Presentation	Women Safety Device Using Internet Of Things	Aditya Engineering College	Sep13,14 -2018
107	Kakarapalli Manasa Durga	Veda 2k18	Poster Presentation	Women Safety Device Using Internet Of Things	Aditya Engineering College	Sep13,14 -2018
108	Kakarla Anusha	Veda 2k18	Poster Presentation	Iot Based Automatic Garbage Monitoring Smart Bin	Aditya Engineering College	Sep13,14 -2018
109	Kandukuri Phebe	Veda 2k18	Poster Presentation	Iot Based Automatic Garbage Monitoring Smart Bin	Aditya Engineering College	Sep13,14 -2018
110	Malireddy Sneha	Veda 2k18	Paper Presentation	Machine Learning Based Fake News Detection System Using Blockchain	Aditya Engineering College	Sep13,14 -2018
111	Mandapaka Sai Surendra Pavan Kumar	Veda 2k18	Paper Presentation	Machine Learning Based Fake News Detection System Using Blockchain	Aditya Engineering College	Sep13,14 -2018
112	Manyam Anusha	Veda 2k18	Paper Presentation	Time Series Analysis And Forecasting Of Air Quality In India	Aditya Engineering College	Sep13,14 -2018
113	Matlaparthi Sandhya Rani	Veda 2k18	Paper Presentation	Time Series Analysis And Forecasting Of Air Quality In India	Aditya Engineering College	Sep13,14 -2018

114	Sheik Alli	Veda 2k18	Paper Presentation	An Approach To Identify Accurate Machine Learning Model To Build Human Stress Level Prediction System	Aditya Engineering College	Sep13,14 -2018
115	Sunkavilli Lakshminarayana	Veda 2k18	Paper Presentation	An Approach To Identify Accurate Machine Learning Model To Build Human Stress Level Prediction System	Aditya Engineering College	Sep13,14 -2018
116	Tamma Tiru Vasu Mani Siva Devareddi	Veda 2k18	Paper Presentation	Ifn: A Logical Image Fusion Norm Using Modified Machine Learning Approach	Aditya Engineering College	Sep13,14 -2018
117	Thotakura Siva	Veda 2k18	Paper Presentation	Ifn: A Logical Image Fusion Norm Using Modified Machine Learning Approach	Aditya Engineering College	Sep13,14 -2018
118	TummalapalliVeer asubrahmanyam	Veda 2k18	Paper Presentation	A Hybrid Γ-Abc-Feature Selection Approach For Improving Disease Classification.	Aditya Engineering College	Sep13,14 -2018
119	Vadapalli Deepak Sitaram	Veda 2k18	Paper Presentation	A Hybrid Γ-Abc-Feature Selection Approach For Improving Disease Classification.	Aditya Engineering College	Sep13,14 -2018
120	Karri Veera Subrahmanya Ganesh	Veda 2k18	Paper Presentation	Performance Analysis Of Linear And Non-Linear Machine Learning Models For Forecasting Compressive Strength Of Concrete	Aditya Engineering College	Sep13,14 -2018
121	VetsaSaivamsi	Veda 2k18	Paper Presentation	Performance Analysis Of Linear And Non-Linear Machine Learning Models For Forecasting Compressive Strength Of Concrete	Aditya Engineering College	Sep13,14 -2018
122	Bikkina Sri Ajay	Veda 2k18	Paper Presentation	Research Progress In Privacy Preserving: A Comparative Study Using Bibliometric Analysis In Thrust Areas In Computer Science	Aditya Engineering College	Sep13,14 -2018
123	Boddu Deepika	Veda 2k18	Paper Presentation	Research Progress In Privacy Preserving: A Comparative Study Using Bibliometric Analysis In Thrust Areas In Computer Science	Aditya Engineering College	Sep13,14 -2018
124	Boddu Dharma Teja	Veda 2k18	Poster Presentation	Whether Physical Or Online: Is Emotional Quotient The Key To Solving The Indian Luxury Retail Woes During/After Corona Time?	Aditya Engineering College	Sep13,14 -2018
125	Bonthu Sai Bhanu	Veda 2k18	Poster Presentation	Whether Physical Or Online: Is Emotional Quotient The Key To Solving The Indian Luxury Retail Woes During/After Corona Time?	Aditya Engineering College	Sep13,14 -2018

S.No	Name of The Student	Event	Topic	Venue	Date
126	Budida Venkata Jaahnavi	Veda 2k18	Poster Presentation	A Study Of Important Atmospheric Convective Indices And Their Impacts On Aviation	Aditya Engineering College	Sep13,14-2018
127	Chandrada Sai Aparna	Veda 2k18	Poster Presentation	A Study Of Important Atmospheric Convective Indices And Their Impacts On Aviation	Aditya Engineering College	Sep13,14-2018

Co Curicular 2021-22

A.Y	S.No	Name of The Students	Name of The Event	Topic	Venue	Date
2021-22	1	Mulagada Renuka	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	2	Mutyaka Ramya	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	3	Nallamilli Bindhu Madhavi	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	4	Nandigam Kranthi Kumar	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	5	Obinni Sindhuja	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	6	Padala Padmavathi Chinnilu	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	7	Panangipalli Naga Surya Tejasri	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	8	Pasala Jaya Lakshmi	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	9	Pendyala Jaya Vikra Sai Ram	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	10	Potla Saidarao	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	11	PulagamSrivarshitha	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	12	Putta Yuvasri Lakshmi	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	13	Rasamsetti Charan	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	14	Ravuri Prameela Jyothi	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	15	Satti Baba Sai Eswara Reddy	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	16	Sayyad Ashrafunnisa	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	17	Somarowthu Siva Surya Vamsi	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	18	Tathini Vamsi Krishna Sai	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	19	Veduruparthy Sri Ganesh Sai Ram	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	20	Velugula Venkata Parvathi	Quiz	Electronics	Lenora College Of Engineering	Feb 18,2022
	21	K Divya	Sport	Taekwondo	Dvr& Dr. Hs Mic Collegevijayawada	Feb 20,2022

Co Curicular2020-21

A.Y	S.No	Name of the Students	Name of the Event	Topic	Venue	Date
2020-21	1	Ainala Anitha Karuna Jyothi	On-Line Quiz	Fundamentals In Electronics & Telecommunication	Pillai Hoc College Of Engineering & Technology, Rasayani,Tn	12-09-2020
	2	Bareddy Srinivasa Reddy	On-Line Quiz	Fundamentals In Electronics & Telecommunication	Pillai Hoc College Of Engineering & Technology, Rasayani,Tn	12-09-2020
	3	Chevvakula Teja Shiva Krishna	On-Line Quiz	Fundamentals In Electronics & Telecommunication	Pillai Hoc College Of Engineering & Technology, Rasayani,Tn	12-09-2020
	4	Chilakamarri Venkat	On-Line Quiz	Fundamentals In Electronics & Telecommunication	Pillai Hoc College Of Engineering & Technology, Rasayani,Tn	12-09-2020
	5	Chukkana Sai Sreeram Varma	On-Line Quiz	Fundamentals In Electronics & Telecommunication	Pillai Hoc College Of Engineering & Technology, Rasayani,Tn	12-09-2020
	6	Gollapalli Suchithra	On-Line Quiz	Fundamentals In Electronics & Telecommunication	Pillai Hoc College Of Engineering & Technology, Rasayani,Tn	12-09-2020

2019-20

A.Y	S.No	Name of the Students	Name of the Event	Topic/Event	Venue	Date
2019-20	1	Chundru Satwika	Technical Quiz	Matlab	Pace Institute Of Technology & Sciences	22-05-2020
	2	Dadi Lakshman Kumar	Technical Quiz	Matlab	Pace Institute Of Technology & Sciences	22-05-2020
	3	Desina Lavanya	Technical Quiz	Matlab	Pace Institute Of Technology & Sciences	22-05-2020
	4	Giduthuri Vijay Durga Prasad	Technical Quiz	Matlab	Pace Institute Of Technology & Sciences	22-05-2020
	5	Jammu Neelima	Technical Quiz	Matlab	Pace Institute Of Technology & Sciences	22-05-2020
	6	Kanchipati Srikanth	Technical Quiz	Matlab	Pace Institute Of Technology & Sciences	22-05-2020
	7	Kusumanchi Srikanth	Technical Quiz	Matlab	Pace Institute Of Technology & Sciences	22-05-2020
	8	Menda S V S L Sri Padmaja	Technical Quiz	Matlab	Pace Institute Of Technology & Sciences	22-05-2020

2018-19

A.Y	S.No	Name of the Students	Name of the Event	Topic	Venue	Date
2018-19	1	Sagi. V V D Siva Vara Prasad	Veda 2k18	Circuit Challenge	Aditya Engineering College	SEPTEMBER 13,14-2018
	2	Undavalli Vijay Bhaskar	Veda 2k18	Circuit Challenge	Aditya Engineering College	SEPTEMBER 13,14-2018
	3	Gollapudi Poojitha	Veda 2k18	Circuit Challenge	Aditya Engineering College	SEPTEMBER 13,14-2018
	4	Pudi Hepsiba	Veda 2k18	Circuit Challenge	Aditya Engineering College	SEPTEMBER 13,14-2018
	5	Guttula Vasaki	Veda 2k18	Circuit Challenge	Aditya Engineering College	SEPTEMBER 13,14-2018
	6	B Jagadish	Sports	Kho Kho	Sri Venkateswara University, Tirupati	23&24 Feb 2019
	7	V.Srihari	Sports	Kho Kho	Sri Venkateswara University, Tirupati	23&24 Feb 2019

Cumulative information for all the shifts for all academic years starting from current year

Name	PAN No.	University Degree	Date of Receiving Highest Degree	Area of Specialization	Research Paper Publications	Ph.D Guidance	Ph.D. granted during the Assessment Year	Current Designation	Date (Designated as Prof/Assoc. Prof.)	Initial Date of Joining	Association Type	Currently Associated with(Yes/No)	In case of NO, Date of Leaving	IS HOD
Dr.G Rama Krishna	AKRPG9644B	ME/M.Tech and PhD	30/01/2021	Antennas	6			Professor	24/04/2021	7/3/2009	Regular	Yes		Yes
Dr. G M Sundaram	BDHPM6711P	ME/M.Tech and PhD	30/06/2016	RF & Microwave	1			Professor	30/04/2019	24/07/2017	Regular	Yes		No
Dr.U S B K Mahalaxmi	ABMPU4586C	ME/M.Tech and PhD	16/09/2019	Biomedical	5			Professor	18/07/2019	4/6/2018	Regular	Yes		No
Dr. Raman R	AWDPR3581J	ME/M.Tech and PhD	14/02/2018	RF & MEMS	4			Professor	10/08/2022	10/4/2018	Regular	Yes		No
Dr. A Anil Jitendra Prasad	ALVPA9799G	ME/M.Tech and PhD	18/12/2017	Communication Systems				Associate Professor	10/7/2019	10/7/2019	Regular	Yes		No
Dr. G Jaffino	CZCPG2332L	ME/M.Tech and PhD	28/03/2018	Image Processing				Associate Professor	6/6/2019	6/6/2018	Regular	No	30/05/2022	No
G Veerapandu	AIFPG1827Q	M.E/M.Tech	15/05/2010	Instruments and control systems	3			Associate Professor	11/7/2016	5/12/2012	Regular	Yes		No
Dr. Inamul Hussian	ADZPH6566J	ME/M.Tech and PhD	17/05/2021	Low power VLSI	2			Associate Professor	10/08/2022	5/4/2021	Regular	Yes		No
Dr. K.Kanthamma	AXHPK9054C	ME/M.Tech and PhD	04/01/2019	DSCE				Associate Professor		10/8/2022	Regular	Yes		No
M Venkateswarulu	AXXPM1684L	M.E/M.Tech	9/6/2006	Image processing	2			Assistant Professor		13/07/2009	Regular	Yes		No
P Ramesh	BGOPP8732K	M.E/M.Tech	17/08/2012	Instruments and control systems				Assistant Professor		13/07/2009	Regular	Yes		No

M Raghunadh	CEOPM1321L	M.E/M.Tech	15/07/2011	Antennas	3			Assistant Professor		13/06/2012	Regular	Yes		No
Ch Janaki Devi	BCJPD1504L	M.E/M.Tech	18/12/2012	Antennas				Assistant Professor		4/6/2018	Regular	Yes		No
B Kalesh	BEKPB7998K	M.E/M.Tech	18/11/2014	Embedded systems	3			Assistant Professor		1/6/2018	Regular	Yes		No
K Mahesh Babu	DCGPK5943F	M.E/M.Tech	31/12/2012	Embedded systems				Assistant Professor		27/05/2013	Regular	Yes		No
Y Sugandhi Naidu	AECPY9781J	M.E/M.Tech	29/11/2012	VLSI	4			Assistant Professor		16/05/2015	Regular	Yes		No
B Jagadeesh Babu	CFBPB8219Q	M.E/M.Tech	19/09/2015	VLSI				Assistant Professor		26/10/2015	Regular	Yes		No
P V N D K Kishore	CWWPP9845E	M.E/M.Tech	10/8/2017	Microelectronics and VLSI				Assistant Professor		7/12/2017	Regular	Yes		No
K V Bala Rama Krishna	CDQPB2097F	M.E/M.Tech	5/9/2012	Signals and systems process				Assistant Professor		1/6/2018	Regular	Yes		No
K Chandra Sekhar	BZJPK2016D	M.E/M.Tech	25/11/2014	Computers and communication				Assistant Professor		9/2/2018	Regular	Yes		No
Marukurthi Sai	EPYPM7392G	M.E/M.Tech	30/07/2018	DECS				Assistant Professor		29/05/2019	Regular	Yes		No
T Krishna Mohana	ANWPT5009M	M.E/M.Tech	30/11/2015	Communication systems	1			Assistant Professor		30/05/2019	Regular	Yes		No
K Sangeet Kumar	CBWPK0656B	M.E/M.Tech	15/04/2015	Embedded systems				Assistant Professor		30/10/2017	Regular	Yes		No
P Bhupa Reddy	CYWPP2678D	M.E/M.Tech	18/01/2018	VLSI&ES	1			Assistant Professor		10/6/2019	Regular	Yes		No
S Anil Nagendra	ENIPS3087L	M.E/M.Tech	22/08/2019	Communications				Assistant Professor		25/11/2020	Regular	No	17/09/2021	No
S Vinay	BSIPS709	M.E/M.Tech	16/11/201	Antennas				Assistant		26/05/	Reg	No	8/6/	No

Name	ID	Qualification	Date	Specialization				Designation		Year	Nature			
Kumar	4B	h	2					Professor		2018	ular		2021	
M Madhu Manikya Kumar	BPDPM8402B	M.E/M.Tech	1/2/2014	Antennas				Assistant Professor		10/7/2019	Regular	Yes		No
K Suma	DWMPK2301F	M.E/M.Tech	5/4/2016	DECS				Assistant Professor		13/11/2019	Regular	Yes		No
K Vijaya Kumari	CRKPK5756L	M.E/M.Tech	12/11/2014	VLSI&ES				Assistant Professor		4/11/2019	Regular	Yes		No
T Phanimala	BDCPT9959F	M.E/M.Tech	24/03/2020	VLSI				Assistant Professor		21/12/2020	Regular	Yes		No
P Mamathadevi	EHLPP1710C	M.E/M.Tech	31/10/2020	Signals and Systems process				Assistant Professor		25/11/2020	Regular	Yes		No
B Lakshmi	APGSB7169N	M.E/M.Tech	25/09/2017	Signal processing				Assistant Professor		24/10/2017	Regular	Yes		No
P Santhi	DXBPP5837Q	M.E/M.Tech	12/3/2015	Communications				Assistant Professor		21/10/2017	Regular	Yes		No
P Saimata Sailaja	CSJPP4183J	M.E/M.Tech	18/09/2017	Embedded Systems				Assistant Professor		28/10/2017	Regular	Yes		No
G Nissi Evangelin	BUUPG8264P	M.E/M.Tech	5/4/2016	Wireless Communication				Assistant Professor		10/10/2017	Regular	Yes		No
S Parameswari	CIKPP0525P	M.E/M.Tech	16/10/2017	Antennas				Assistant Professor		24/10/2017	Regular	Yes		No
M Vidya	AZEPM9368C	M.E/M.Tech	9/2/2013	Signal processing				Assistant Professor		20/10/2017	Regular	Yes		No
Y Ravindra Babu	AEOPY8171Q	M.E/M.Tech	16/04/2016	Wireless Communication				Assistant Professor		28/07/2017	Regular	Yes		No
B.Suresh	CFQPB5282Q	M.E/M.Tech	25/05/2017	Communications				Assistant Professor		20/01/2021	Regular	Yes		No
L Geetesh	AIYPL6875A	M.E/M.Tech	22/11/2017	Embedded systems				Assistant Professor		2/8/2021	Regular	Yes		No
CH Srikiran	ARBPC9130F	M.E/M.Tech	6/8/2015	Communications				Assistant Professor		2/8/2021	Regular	Yes		No

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G.Narasimharao	BJUPR2660D	M.E/M.Tech	6/10/2015	VLSI				Assistant Professor		20/01/2021	Regular	Yes		No
P Dedeepya	BPNPP4038Q	M.E/M.Tech	10/12/2014	Communications				Assistant Professor		12/11/2020	Regular	Yes		No
S Dileep kumar	DOUPS9042K	M.E/M.Tech	13/10/2010	Embedded systems				Assistant Professor		20/01/2021	Regular	Yes		No
T Gopal krishna	ANJPT7776Q	M.E/M.Tech	5/1/2016	Antennas				Assistant Professor		20/01/2021	Regular	Yes		No
M. Kishore Kumar	AOOPM6219F	M.E/M.Tech	12/9/2005	DECS	4			Assistant Professor		10/3/2021	Regular	Yes		No
S Siva Prasad	CFSPS0077N	M.Tech(PhD)	22/02/2009	Microelectronics and VLSI				Assistant Professor		2/7/2021	Regular	Yes		No
K Hima Bindhu	GVFPK7003D	M.Tech	07/11/2019	VLSI				Assistant Professor		15/3/2021	Regular	Yes		No
M Sudheer Kumar Reddy	DTRPM8774E	M.Tech	23/06/2021	VLSI&ES				Assistant Professor		15/3/2022	Regular	Yes		No
N Rajesh babu	AFLPN4923R	M.E/M.Tech	31/05/2005	Embedded systems				Assistant Professor		6/1/2018	Regular	No	26/02/2021	No
K Sarath Babu	BTXPK4879E	M.E/M.Tech	22/12/2009	Wireless Communication				Assistant Professor		15/05/2015	Regular	No	30/09/2019	No
Venneti Kiran	BCCPK1344N	M.E/M.Tech	10/8/2011	Embedded systems				Assistant Professor		13/08/2012	Regular	Yes		No
Bathula Praveen Kumar	ARBPB7733M	M.E/M.Tech	10/7/2013	Embedded systems				Assistant Professor		6/11/2012	Regular	No	12/11/2019	No
G.Bheemeswara Rao	APEPG8104N	M.E/M.Tech	4/12/2013	Communications				Assistant Professor		15/05/2015	Regular	No	27/04/2019	No
Pandiri Jhansi	BNZPP7685R	M.E/M.Tech	13/02/2016	Embedded systems				Assistant Professor		25/05/2013	Regular	Yes		No
Lokesh Aadi	CIFPP3115E	M.E/M.Tech	13/10/2014	Embedded Systems				Assistant Professor		28/10/2017	Regular	No	12/8/2019	No

GSS.Prasad	APB PG89 30K	M.E/M.Tec h	10/12/2012	VLSI				Assistant Professor		21/10/2017	Reg ular	No	13/08/2019
Thirumala Srinivas	AGO PT69 01F	M.E/M.Tec h	12/10/2012	Communi cations				Assistant Professor		12/7/2014	Reg ular	No	2/10/2019
Parvatha Trikala	EDQ PP84 21M	M.E/M.Tec h	11/7/2017	VLSI				Assistant Professor		24/11/2017	Reg ular	No	16/12/2020
Badipati Manibabu	BRE PM4 459H	M.E/M.Tec h	26/02/2016	Communi cations				Assistant Professor		28/07/2017	Reg ular	No	9/6/2020
N Sravani	BAB PN36 58K	M.E/M.Tec h	20/09/2017	VLSI				Assistant Professor		10/5/2018	Reg ular	No	11/6/2021
T Sivanagu	GGQ PS91 23G	M.E/M.Tec h	12/12/2012	Communi cations				Assistant Professor		18/10/2017	Reg ular	No	9/6/2020
M Siva kalyan	AM MP M92 15H	M.E/M.Tec h	17/12/2014	Communi cations				Assistant Professor		28/10/2017	Reg ular	No	10/6/2020
E Raja	AAL PE25 06Q	M.E/M.Tec h	25/02/2012	Communi cations				Assistant Professor		11/6/2018	Reg ular	No	10/6/2020
K Sivanagen dra	BIAP K376 2N	M.E/M.Tec h	10/7/2013	VLSI				Assistant Professor		9/7/2014	Reg ular	No	20/02/2020
G Jaya Lakshmi	BCJP G234 1R	M.E/M.Tec h	18/12/2015	DECS				Assistant Professor		04/06/2019	Reg ular	No	10/05/2020
R. Prasanthi	IFIP K853 7P	M.E/M.Tec h	04/01/2016	VLSI				Assistant Professor		10/08/2022	Reg ular	Yes		No

5.1 Student-Faculty Ratio (20)

UG
No. of UG Programs in the Department: 01

B.Tech in Electronics and Communication Engineering								
Year of study	CAY		CAYm1		CAYm2		CAYm3	
	2021-22		2020-21		2019-20		2018-19	
	Sanction intake	Actual admitted through lateral entry students	Sanction intake	Actual admitted through lateral entry students	Sanction intake	Sanction intake	Sanction intake	Actual admitted through lateral entry students
2nd year	240	48	240	29	240	240	240	23
3nd year	240	29	240	48	240	240	240	37
4th year	240	48	240	23	240	240	240	25
Sub Total	**720**	**125**	**720**	**100**	**720**	**720**	**720**	**85**
Grand Total	**845**		**820**		**828**		**805**	

PG
No. of PG Programs in the Department: 01

M.Tech in VLSI Design				
Year of Study	CAY (2021-22)	CAYm1 (2020-21)	CAYm2 (2019-20)	CAYm3 (2018-19)
	Sanction Intake	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	NA	18	18	18
2nd Year	18	18	18	18
Total	18	36	36	36

M.Tech in Embedded Systems				
Year of Study	**CAY (2021-22)**	**CAYm1 (2020-21)**	**CAYm2 (2019-20)**	**CAYm3 (2018-19)**
	Sanction Intake	**Sanction Intake**	**Sanction Intake**	**Sanction Intake**
1st Year	12	18	18	18
2nd Year	18	18	18	18
Total	30	36	36	36
Grand Total	**48**	**72**	**72**	**72**

SFR

Number of UG programs In the Department	1			
Number of PG programs In the Department	1			
Description	**CAY (2021-22)**	**CAYm1 (2020-21)**	**CAYm2 (2019-20)**	**CAYm3 (2018-19)**
Total number of Students in the Department(S)	893	892	900	877
Number of Faculty in the Department(F)	45	40	40	41
Student Faculty Ratio(SFR)	19.8	22.3	22.5	21.39
Average SFR	**21.53**			

Note: All the faculty whether regular or contractual (except Part-Time), will be considered. The contractual faculty (doing away with the terminology of visiting / adjunct faculty, what so ever) who have taught for 2 consecutive semesters in the corresponding academic year on full time basis shall be considered for the purpose of calculation in the Faculty Student Ratio. However, following will be ensured in case of contractual faculty:

1. Shall have the AICTE prescribed qualifications and experience.
2. Shall be appointed on full time basis and worked for consecutive two semesters during the particular academic year under consideration.
3. Should have gone through an appropriate process of selection and the records of the same shall be made available to the visiting team during NBA visit

5.1.1 Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
CAY (2021-22)	45	0
CAYm1 (2020-21)	40	0
CAYm2 (2019-20)	40	0
CAYm3 (2018-19)	41	0

Average SFR for three assessment years: **21.5**
Assessment SFR: **12**

5.2 Faculty Cadre Proportion (25)

Institute Marks: 13.87

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY 2021-22	4	3	9	4	29	38
CAY*m1* 2020-21	4	2	9	1	29	37
CAY*m2* 2019-20	5	1	10	2	30	35
CAY*m3* 2018-19	4	0	9	0	29	41
Average Numbers	**RF1=4.33**	**AF1=2**	**RF2=9.33**	**AF2=2.33**	**RF3=29.33**	**AF3=36.6**

Cadre Ratio Marks [(AF1/RF1)+[(AF2/RF2)*0.6]+[(AF3/RF3)*0.4]]*12.5: **13.87**

5.3 Faculty Qualifications (25)

Institute Marks: 11.20

Year	X	Y	F	FQ=2.5*[(10X+4Y)/F]
CAY 2021-22	7	38	44	12.61
CAY*m1* 2020-21	5	35	44	10.79
CAY*m2* 2019-20	4	36	45	10.22
CAY*m3* 2018-19	3	38	43	10.58
Average Assessment				**11.20**

Average Assessment: **11.20**

5.4 Faculty Retention (25)

Institute Marks: 25.00

Description	2019-20	2020-21	2021-22	2022-23
No of Faculty Retained	35	33	37	36
Total No of Faculty	41	40	45	43
% of Faculty Retained	85	82.5	92.5	90
Assessment			**91.25**	

Average: **91.25**
Assessment Marks: **25.00**

5.5 Innovations by the Faculty in Teaching and Learning (20)

Institute Marks: 20.00

The department of ECE practices innovative, traditional teaching and learning strategies that includes publishing instructional videos and expert lectures in the college website. Critic reviews are taken from stake holders for continuous improvement.
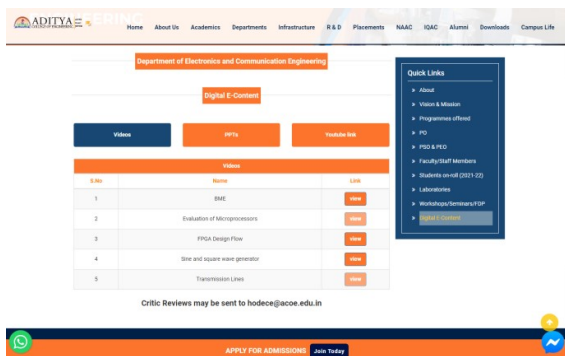
Course Content on Institute Website   **Critique Reviews for Course Content**
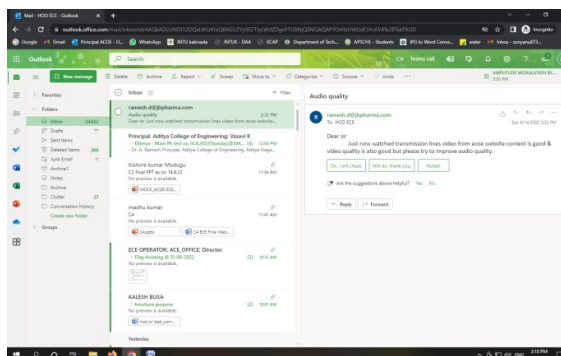
In the present competitive world, technology is changing very rapidly. Engineering graduates must adapt to these changes to grab the opportunities globally. This can be achieved through effective content delivery. Students with diverse locations, backgrounds, and aspirations have varied learning styles. Irrespective of the learning style of the student, the content must be delivered effectively through innovative practices in Teaching & Learning to make them globally acceptable in line with the Department Vision and Mission.

Department of ECE follows a systematic framework for implementation of innovative teaching learning strategies effectively in regular course work along with traditional classroom teaching. The implementation of teaching learning practices is as shown in the flow chart given below:
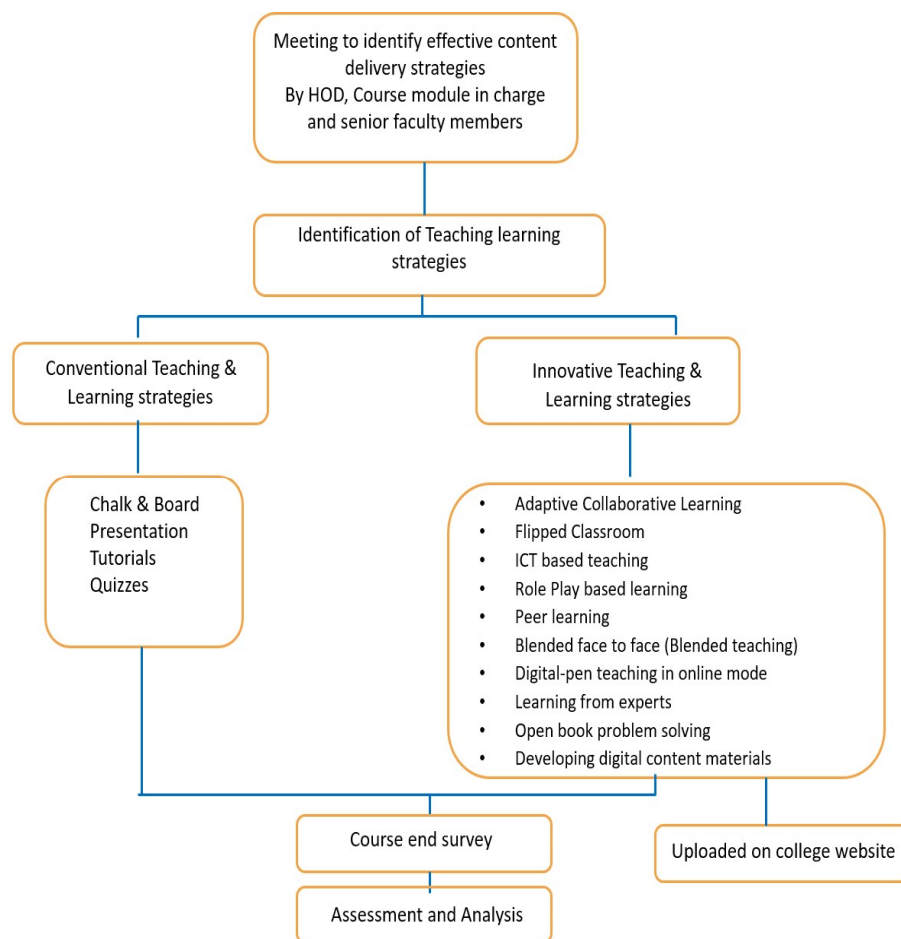
Figure: Flowchart for the implementation of Innovative Teaching Learning & Conventional Teaching Learning Strategies

The innovative teaching learning strategies provide opportunities for students to work in teams, learn from peers, and learn from themselves. Also, the students have the opportunity to engage in sophisticated and complex levels of cognitive activity–define, analyze, evaluate, reflect, assess, and solve real-world problems. The evaluation suggests that implementation of these methodologies in the engineering courses improve the higher-level skills of the students as well as integrated theory, design, and practice.

Innovative Teaching Methodologies:
To improve the quality of teaching learning and to make students actively participate in the class environment, the following are the appropriate methods. The appropriate innovations in teaching learning followed by the faculty in our department are:

1. Adaptive Collaborative Learning (Collaborative learning)
2. Flipped Classrooms
3. ICT based teaching
4. Role Play based learning

5. Peer learning
6. Blended face to face (Blended teaching)
7. Digital-pen teaching in online mode
8. Learning from experts
9. NPTEL video presentation
10. Developing digital content materials

1. Adaptive Collaborative Learning

In the department we have developed a unique way of teaching the students in the classroom through adaptive collaborative learning. Adaptive collaborative classroom teaching has been introduced for the first time in pedagogical initiatives by our faculty.

Adaptive Collaborative Learning starts with the identification of group of slow, medium and fast learners in a particular class room through open book problem solving exercises. Followed by formation of heterogeneous clusters of students by taking amalgamation of slow, medium and fast learners and allow them to discuss among themselves about the given topic or problem.

Finally, any student is asked from any group to deliver the lecture on the board on the same topic and again another problem is given to solve individually, to check the impact of learning by adapting to this methodology.

Benefits of the Adaptive Collaborative classroom:

- Development of skills to find the solution independently
- Enhanced ability to comprehend what is there in the provided material,
- Versatility for students to learn in time and speed.
- Induce research temperament through search
- Interaction among slow, medium and fast learners (peers' interaction)
- Appropriate use of resources
- More participation of students.
- Communication skills

Objectives of the activity:
- Inspire students to find the solution independently.
- Learning from peers through discussion, inquiry and search

Execution Plan:
- A problem is given by the faculty to solve individually.
- Students are provided with the concerned subject text book and they are asked to find the solution within a stipulated time frame (depending upon the problem, generally 15 min)
- Within that stipulated time those who completed the task are considered as fast learner, those who completed more than 50%, they are considered medium learner and those who completed less than 50 % are considered as slow learner.

- Three groups are formed for fast, medium and slow learners.
- Based on the number candidates in each group, heterogenous clusters of students is formed by taking amalgamation of slow, medium and fast learners.
- Each cluster of students are asked to discuss on the same topic, so that the medium and the slow learner get benefitted from the fast learner of that concept. They are again provided with stipulated time for discussion. (15 min)
- After the stipulated time of discussion, any student from any cluster is asked to explain the solution thoroughly.
- In order to evaluate the students through this exercise, another problem is given to the students of same topic to solve independently without book.
- The scripts are collected in chronological order (roll number) after 15 minutes.

Plan of action:
- Inculcate the students to think and absorb the knowledge from any resource
- Creating environment to think

Expected Outcomes:

- Development of skills to find the solution independently
- Dissemination of knowledge among peers

Adaptive Collaborative Classroom Activities carried out by Mr. Madhu Manikya Kumar for Embedded system course

1. Problems provided by faculty.

2. Formation of groups based on grades:
   - Those who completed, considered as fast learner; **Grade A**
   - Those who completed > 50%, considered medium learner; **Grade B**
   - Those who completed < 50 % are considered as slow learner; **Grade C**

3. Discussion

4. Explanation and demonstration

5. Evaluation

S. No	Name of the Faculty	Course	Topic	No of Students participated	Relevance to POs & PSOs	Activity Outcome
1.	Mr. Madhu Manikya Kumar	Embedded Systems	Design metrics of embedded systems	41	PO1, PO2, PO3, PO4, PSO1	Developed the thinking and participating ability

Sl. No.	Student Roll No.	Grade achieved before activity	Grade achieved after activity	Improvement (Yes/No)
1.	18MH1A0401	A	A	YES
2.	18MH1A0402	B	B	NO
3.	18MH1A0403	A	A	YES
4.	18MH1A0404	B	A	YES
5.	18MH1A0405	C	B	YES
6.	18MH1A0406	C	B	YES
7.	18MH1A0407	A	A	YES
8.	18MH1A0408	C	A	YES
9.	18MH1A0409	C	B	YES
10.	18MH1A0410	A	A	YES
11.	18MH1A0411	A	A	YES
12.	18MH1A0412	A	A	YES

13.	18MH1A0413	A	A	YES
14.	18MH1A0414	C	C	NO
15.	18MH1A0415	B	A	YES
16.	18MH1A0416	B	A	YES
17.	18MH1A0417	C	A	YES
18.	18MH1A0419	B	A	YES
19.	18MH1A0420	C	B	YES
20.	18MH1A0421	B	A	YES
21.	18MH1A0422	C	B	YES
22.	18MH1A0423	C	B	YES
23.	18MH1A0424	C	B	YES
24.	18MH1A0425	A	A	YES
25.	18MH1A0426	C	C	NO
26.	18MH1A0427	B	B	NO
27.	18MH1A0428	C	B	YES
28.	18MH1A0429	B	A	YES
29.	18MH1A0430	C	B	YES
30.	18MH1A0431	C	C	NO
31.	18MH1A0432	B	A	YES
32.	18MH1A0433	B	B	NO
33.	18MH1A0434	C	B	YES
34.	18MH1A0435	B	A	YES
35.	18MH1A0436	A	A	YES
36.	18MH1A0437	A	A	YES
37.	18MH1A0438	A	A	YES
38.	18MH1A0439	A	A	YES
39.	18MH1A0440	A	A	YES
40.	18MH1A0441	A	A	YES
41.	18MH1A0442	B	C	NO

2. Flipped Classroom

A **flipped classroom** is an instructional strategy focused on student engagement and active learning, giving the instructor a better opportunity to deal with mixed levels, student difficulties, and differentiated learning preferences during the in-class time.

Benefits of the Flipped classroom:

- More participation of students.
- Versatility for students to learn in time and speed.
- Interaction instructor-student.
- Appropriate use of resources by the teacher for constructive learning methods.

Objectives of the activity:

- Inspire students to learn the concepts thoroughly.
- A student discovers the ideas of videos, may use them for discussions and assignments in the classroom to motivate the students to learn the concepts thoroughly.

Execution Plan:

- Orientation session: 20 minutes.
- Students are provided with the learning material (Video Link, textbook page numbers) of the topic to be covered and a time of 4 days to prepare for the activity.
- On the day of activity, topics are given as per their position in the classroom (the students are observed writing different topics at the same desk) and 20 minutes are given to think and write about the topic.
- The scripts are collected in chronological order (roll number) after 20 minutes.

Plan of action:

- Students are asked to go through the learning materials, and 2 days of training time will be given. Each individual will be given a different question or numeric as per higher bloom level and a time of 15 minutes will be given to complete the task.

Expected Outcomes:

- Demonstrate points from a video than from a lecture note.
- Build awareness and understanding of the course field.
- Explain the concepts especially the most basic and important aspects of the course.

Evaluation:

S. No	Name of the Topic	Number of students	Relevance to POs, PSOs	Benefits	Activity Outcome
1	FPGA-Internal blocks	45	PO1, PO2, PO3, PO9, PO10	• More participation of students. • Versatility for students to learn in time and speed. • Interaction instructor-student.	Identify the bright students & slow learners

Students are actively participated in the Flipped classroom activity carried out by **Mrs. Y Sugandhi Naidu** for VLSI course

ADITYA COLLEGE OF ENGINEERING
Aditya Nagar, ADB Road, Surampalem

Department of Electronics & Communication Engineering

S.No.	Student Reg. Number	Grade Achieved before Activity	Grade achieved after activity	Improvement in performance (Y/N)
1	18MH1A04A5	A	A	YES
2	18MH1A04A6	B	B	NO
3	18MH1A04A7	A	A	YES
4	18MH1A04A8	B	A	YES
5	18MH1A04A9	C	B	YES
6	18MH1A04B0	C	B	YES
7	18MH1A04B1	A	A	YES
8	18MH1A04B2	C	A	YES
9	18MH1A04B3	C	B	YES
10	18MH1A04B4	A	A	YES
11	18MH1A04B5	A	A	YES
12	18MH1A04B6	A	A	YES
13	18MH1A04B7	A	A	YES
14	18MH1A04B8	C	C	NO
15	18MH1A04B9	B	A	YES
16	18MH1A04C0	B	A	YES
17	18MH1A04C1	C	A	YES
18	18MH1A04C2	B	A	YES
19	18MH1A04C3	C	B	YES
20	18MH1A04C4	B	A	YES
21	18MH1A04C5	C	B	YES
22	18MH1A04C6	C	B	YES
23	18MH1A04C7	C	B	YES
24	18MH1A04C8	A	A	YES
25	18MH1A04C9	C	C	NO
26	18MH1A04D0	B	B	NO
27	18MH1A04D1	C	B	YES

28	18MH1A04D2	B	A	YES
29	18MH1A04D3	C	B	YES
30	18MH1A04D4	C	C	NO
31	18MH1A04D5	B	A	YES
32	18MH1A04D6	B	B	NO
33	18MH1A04D7	C	B	YES
34	18MH1A04D8	B	A	YES
35	18MH1A04D9	A	A	YES
36	18MH1A04E0	A	A	YES
37	18MH1A04E2	A	A	YES
38	18MH1A04E3	A	A	YES
39	18MH1A04E4	A	A	YES
40	18MH1A04E5	A	A	YES
41	18MH1A04E6	B	C	NO
42	18MH1A04E7	A	A	YES
43	18MH1A04E8	A	A	YES
44	18MH1A04E9	A	A	YES
45	18MH1A04F0	B	C	YES

3. ICT based teaching:

Information and Communication Technologies (ICT) is fundamental in the promotion and development of growth in Education. Inventions and innovation have led to the increase in tools that are available as educational tools. The tools come in handy in collection of relevant material, storage and dissemination of educational material and improvement of quality of delivery and learning. Didactic teaching is a teacher centered method of teaching, whereby the teacher acts as the main source of knowledge. The student is a passive learner or a listener. The teacher is seen as an authority in the subject in question. ICT comes in handy in the interaction between the teacher and student hence improving the didactic method of teaching. It improves the quality of discussions, analysis of the learning material and synthesis of the knowledge.

Goals of the ICT Learning Process:

- ICT allows students to monitor and manage their own learning.
- ICT provides students from remote areas access to expert teachers and learning resources.
- ICT allows students think critically and creatively, solve simulated real-world problems.

Outcomes:

- Understanding the progress of information and communication technologies (ICT) and their role in modern World.
- ICT has made the students enable to get various professional courses and skills for their development according to their convenience.
- Information and Communication Technology tools helps a student to come in contact with other students, teachers experts of the subjects for better learning

Execution plan

The plan of execution of ICT learning process is as follows:

- Discussing about the types of ICT learning in the class room and students are encouraged to participate in learning process.
- Presentation of the topics by using Virtual Learning Environment (VLE) & Computer Supported Collaborative Learning (CSCL).
- The corresponding faculty member has to discuss with students about the given topic in learning process.
- These ICT students have to explain the concept and should discuss among their group.
- Each person in the class will then learn the concept effectively and efficiently.
- Later all the students can also involve in the discussion to better understanding of the doubts and can also present their own conclusions about the concept.

Mrs Ch. Janaki Devi Conducting an ICT learning method in the classroom

Activity Outcomes to PO Mapping:

Activity Outcomes	Mapping to PO'S
Understanding the progress of information and communication technologies (ICT) and their role in modern World.	PO1, PO2, PO5,PO10,PSO1
ICT has made the students enable to get various professional courses and skills for their development according to their convenience	PO1,PO2, PO3, PO5,PO10,PSO1
Information and Communication Technology tools helps a student to come in contact with other students, teachers experts of the subjects for better learning	PO1,PO3,PO4,PO5,PO10,PSO1

Impact Analysis

- The interactive and multimedia features within software can be used to help students grapple with concepts and ideas.
- ICT has transformed teaching and learning processes from being highly teacher-dominated to student- cantered, and that this transformation will result in increased learning gains for students.
- This allows teachers to consider providing a range of activities to assist students to become critical thinkers, designers and problem solvers.
- It has a positive effect on behavior, motivation, communication and process skills of students and teachers.

4. Role Play based learning:

The role play-based learning exercises give students the opportunity to assume the role of a person or act out a given situation. These roles can be performed by individual students, in pairs, or in groups which can play out a more complex scenario. They may be given specific instructions on how to act or what to say. Through this method, students have opportunities to express their ideas of reality and be confronted with the consequences of their actions. It means by using role play-based learning the students prefer to develop knowledge through doing rather than sitting and listening.

Execution Plan:

The following steps are needed to implement role play-based learning.

- Selection of a topic suitable for role-play teaching-learning method.
- The teacher will select a group of students as per the complexity of the scenario.
- Instruct students that the purpose of the role play. Every selected student has to play one role in the selected scenario.
- Allow time for students to practice the role play.
- Students will perform the role play.

- While the students are implementing the role-play method in the class, explain its purpose and answer questions to students so they are able to understand the concept properly.

Expected Outcomes/ Impact Analysis:

Role-playing can be effectively used in the classroom to:

- Motivate and engage students
- Enhance current teaching strategies
- Provide real-world scenarios to help students learn
- Learn skills used in real-world situations (negotiation, debate, teamwork, cooperation, persuasion)
- Provide opportunities for critical observation of peers

Mr. P. Bhupa Reddy conducting a Role Play based learning method in the classroom

5.   Peer Learning Process

Peer learning is a strategy where a group of students were trained first by the faculty and then the students are guided to explain the trained topic to his/her co-students in the group. This technique requires students to discuss the topic explained by their peer and should be able to solve the related topics. Discussing responses with peers serves to maximize participation, direct attention, and engage students in reading comprehension. At the end of the peer leaning process, both student-tutee and student-tutor will be benefited even for the complex topic.

Goals of the Peer Learning Process:

- To activate peer student's prior knowledge
- To Enhance oral communication skills of the peer student
- To make students active learners with brief discussion

Outcomes:
- Classify the different technologies involved in learning a concept
- Outline the selected concepts to the other students in group
- Demonstrate the findings effectively with other peers and criticize the others conclusions.

Execution plan

The plan of execution of peer learning process is as follows:

- Discussing about the peer learning in the class room and students are encouraged to participate as peers in the learning process.
- Selecting a group of students as peers to each and every group.
- The corresponding faculty member has to train the peer students about the given topic to discuss in learning process.
- These peer students has to explain the concept and should discuss among their group.
- Each person in the group will then learn the concept effectively and efficiently
- Later all the students can also involve in the discussion to better understanding of the doubts and can also present their own conclusions about the concept.

Dr. R Raman and **Mrs. K Suma** conducting a peer learning activity to the students in classroom

Activity Outcomes to PO Mapping:

Activity Outcomes	Mapping to PO'S
Classify the different technologies involved in learning a concept	PO1, PO2, PO9,PSO1
Outline the selected concepts to the other students in group	PO1,PO2, PO3,PO9,PSO1
Demonstrate the findings effectively with other peers and criticize the others conclusions	PO1,PO3,PO4,PO9,PSO1

Impact Analysis

- The impact of peer learning process is helpful to enrich the knowledge potentials of the students to explore their skill in presentation of the learned topic from the corresponding faculty.
- Communication skills and team work abilities of the students are improved.
- Technical knowledge and self thinking to understand the concept helps the student to enhance their abilities.

6.   Blended Learning:

The evolution of the digital learning platforms has a huge impact in educational institutions and has eventually put the traditional methods in the back seat. However, there are demands for both technology and traditional learning methods. As a result of this, the art of combining digital learning tools with more traditional classroom face to face teaching gave birth to the term "Blended Learning".

Given the emergence of digital technologies and the emerging importance of leveraging technology for teaching-learning at all levels from school to higher education, the NEP 2020 recommends for use of blended models of learning. The NEP-2020 states that while promoting digital learning and education, the importance of face-to-face in-person learning is fully recognized. Accordingly, different effective models of blended learning will be identified for appropriate replication for different subjects.

The important features of Blended Learning environment are:

- Increased student engagement in learning.
- Enhanced teacher and student interaction.
- Responsibility for learning.
- Time management and flexibility
- Improved student learning outcomes
- More flexible teaching and learning environment

Key benefits:

- Opportunity for collaboration at a distance: Individual students work together virtually in an intellectual endeavour as a learning practice.
- Increased flexibility: Technology-enabled learning allows for learning anytime and anywhere, letting students learn without the barriers of time and location but with the possible support of in-person engagement. (Any speed, any mode, any language)
- Increased interaction: BL offers a platform to facilitate greater interactivity between students, as well as between students and teachers.
- Blended learning provides making learning resources and experiences repeatable, reliable and reproducible.

Prepares students for the future: BL offers a multitude of real-world skills,that directly translate into life skills, from:

- Research skills
- Self-learning
- Self-engagement
- Helps to develop a 'self-driving force'
- Better decision making
- Offers a larger sense of responsibility
- Computer literacy

Blended face-to-face class: Also, sometimes called the "face-to-face driver model," the blended face-to-face class model is based in the classroom, although a significant amount of classroom time has been replaced by online activities. While online activities are used to supplement the in-person classes; readings, quizzes or other assessments are done online. This model allows students and faculty to share more high-value instructional time because class time is used for higher-order learning activities such as discussions and group projects. The glimpse of online classes and list of the recorded classes is shown in the figure below. This is combined with the face to face classroom learning, hence nurturing a blended face to face environment.
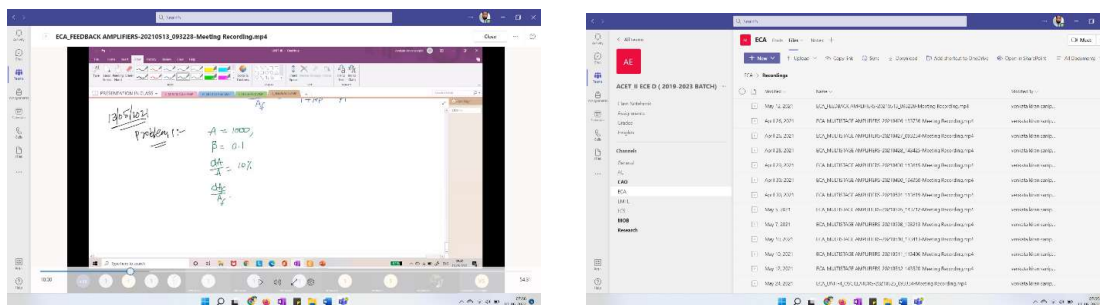
Blended learning activities carried by **Dr. G Rama Krishna**

7.   Digital-pen teaching in online mode

It has been observed that some of the analytical courses require rigorous analysis of problems by the faculty. In online mode merely using PPT does not provide that feel to the students of analysis. Therefore, use of digital-pen to explain the concepts provide solution that problem. In this methodology, faculty are able to explain in a traditional way by using the modern tool.

Advantages:

- Student satisfaction by explaining in traditional way online
- Ability to comprehend the approach to solve a problem
- Lecture notes easily shared after class

The application of digital-pen by our faculty using WACOM board is shown in the figure below for LCS Subject:
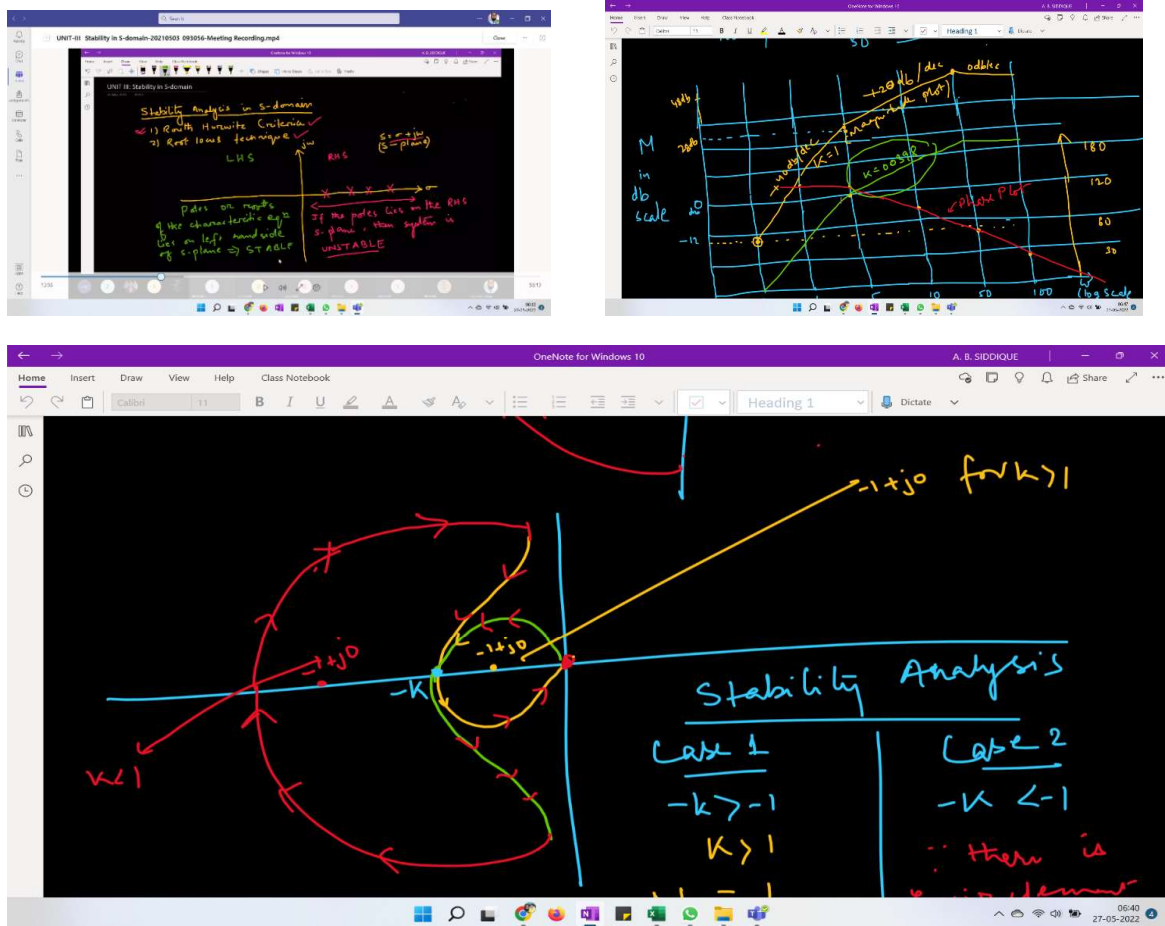
Digital pen is used by **Mr. M.Venkateswarlu** for teaching to solve problems

8. Learning from Experts:

The identified gaps are communicated to the University for consideration during the revision of curriculum. Beyond this, the department takes necessary measures to fill the gaps by imparting knowledge to the concepts through content beyond syllabus.

- Seminars are arranged by experts frequently.
- Guest lectures are arranged by industry experts to overcome the gap between industry and academica.
- Practical Hands-on workshops are arranged to get exposure to modern tools.
- Students are sent for industrial visits to various industries.
- Aptitude tests, value added courses, mini projects, employability enhancement programs etc. are regularly conducted to enhance their skills.
- Students are encouraged to undertake in-plant training in the industries during their semester holidays.

Visiting Faculty

Dr. B.L Deekshithulu handling class on Radar Systems

Mr G.Murali Giving lecture on Wireless sensor networks

Mr.Yogesh Jadav handling class on VLSI

9. NPTEL Video Presentation

https://archive.nptel.ac.in/courses/108/106/106106167/https://nptel.ac.in/courses/117105131

Developing digital content materials

Digital media has slowly peered its way into classrooms and it is reshaping education. Our growing reliance on technology is redefining education. Technology makes education efficient, engaging, and easily accessible. There are many advantages to digital media and its effect on students learning. Technology makes learning efficient. The main benefit of digital media in education is that it can increase student engagement. In addition, it helps students work through difficult concepts with multiple resources. Digital instruction helps show difficult topics that are often hard to understand.

5.6 Faculty as participants in Faculty Development/Training activities / STTPs (15)

<div align="right">Institute Marks: 15.00</div>

Name of the Faculty	Max. 5 per Faculty			
	2021-22	2020-21	2019-20	2018-19
	(CAY)	(CAYm1)	(CAYm2)	(CAYm3)
Dr.G Rama Krishna	5	5	0	0
Dr. G M Sundaram	5	5	0	0
Dr.U S B K Mahalaxmi	5	5	0	0
Dr. Raman R	5	5	0	0
Dr. A Anil Jitendra Prasad	5	5	0	0
Dr. G Jaffino	5	5	5	0
G Veerapandu	5	5	0	0
Dr. Inamul Hussian	5	5	0	0
M. Kishore Kumar	5	5	0	0
M Venkateswarulu	5	5	5	5
M Raghunadh	5	5	0	0
Ch Janaki Devi	5	5	0	0
B Kalesh	5	5	5	0
Venneti Kiran	5	0	0	0
M Madhu Manikya Kumar	5	5	0	0
S Siva Prasad	5	0	0	0
K Chandra Sekhar	5	0	0	5
B JagadeeshBabu	5	5	0	0
K Sangeet Kumar	5	0	0	0
P Ramesh	5	5	0	0
K Mahesh Babu	5	5	5	0
Y Sugandhi Naidu	5	5	0	0
P V N D K Kishore	5	5	0	0
K V Bala Rama Krishna	5	5	0	5
Marukurthi Sai	5	5	0	0
T Krishna Mohana	5	5	5	0
P Bhupa Reddy	5	5	0	0

K Suma	5	0	0	0
T Phanimala	5	0	0	0
P Mamathadevi	5	0	0	0
B Lakshmi	5	5	0	0
P Santhi	5	5	0	0
P Saimata Sailaja	5	5	0	0
G Nissi Evangelin	5	5	0	0
K Vijaya Kumari	5	0	0	0
S Parameswari	5	5	0	0
M Vidya	5	5	0	0
Y Ravindra Babu	5	5	0	0
P Dedeepya	5	5	0	0
Pandiri Jhansi	5	0	0	0
K Hima Bindhu	5	0	0	0
T. Gopala krishna	5	5	0	0
S. Dileep Kumar	5	5	0	0
M Sudheer Kumar Reddy	5	0	0	0
B.Suresh	5	5	0	0
Sum	**225**	**170**	**25**	**15**
RF = Number of Faculty required to comply with 20:1 Student Faculty Ratio as per 5.1	44	44	45	43
Assessment [3*(Sum / 0.5RF)]	30.68	23.18	3.33	2.09

Average assessment over 3 years: 19.07

5.7 Research and Development (30)

5.7.1. Academic Research (10)

<div align="right">

Institute Marks: 10

</div>

Table 5.7.1 A. Ph.D. awarded during the assessment period while working in the institute

Sl. No.	Name of the Faculty	Title of the Ph.D. topic	Name of the University	Name of the Guide	Date of Enrolment	Date of award
1	Dr. U.S.B.K. Maha laxmi	Sleep Stage Analysis and Arousal Detection using SVM and Optimized Neural Network Classifier	Andhra University	Dr. M. Ramesh Patnaik	7/1/2014	16/09/2019

| 2 | Dr. G. Ramakrishna | Design Optimization of Micro strip Patch Antenna with nature Inspired Metaheuristic algorithms for V-Band Applications | Acharya Nagarjuna University | Dr. N. Venkateswara rao | 26/03/2014 | 30/01/2021 |
| 3 | Dr. Inamul hussian | Design and simulation of some arthimatic circuits for low power vlsi applications in post cmos era | NIT,SILCHAR | Dr. Saurabh Chowdary | 27/07/15 | 17/5/21 |

Table 5.7.1 B Faculty Pursuing Ph.D.

S. No.	Name of the Faculty	Title of the Ph. D topic	Name of the University	Name of the Guide	Date of Enrollment	Date of Award
1	Kalesh Busa	Intelligent Gesture Controlled Robot	JNTUH-Hyderabad	Dr. Dhiraj Sunehra	11/28/2018	Pursuing
2	M. Raghunath	Wideband Antenna	KL University , Vaddeswaram	Dr. Darumbadar feth	4/1/2019	Pursuing
3	M.Venkateswarlu	Image forgery detection using DNN	University Of Technology, Jaipur	Dr. Ajay Rana	14-02-2019	Pursuing
4	M.Madhu Manikya Kumar	Designing and Analysis of Novel Antennas at Millimeter Wave Range	JNTUK, Kakinada	Dr. Rama Devi	03.11.2019	Pursuing
5	Janakidevi.Ch	Antenna Arrays	Andhra University , Vizag	Dr. Krishnaveni	14.07.2019	Pursuing
6	G. Veerapandu	Efficient data gathering with mobile Collectors & SDMA technique in Wireless Sensor Networks	Acharya Nagarjuna University, Nambur	Dr. Shanthi Rani	10.11.2012	Pursuing
7	V.Kiran	Deep learning bagged Retinal disease Classification & Grading: Focus on Age Related Macular Regeneration	NIT, Silchar, Assam	Dr. R. Murugan	25.07.2019	Pursuing

| 8 | M. Kishore Kumar | A robust network for automatic Micro Expression Recognition (MER) by using Novel Deep learning models | KL University , Vaddeswaram | Dr. Ch. Raghava Prasad | 7/1/2019 | Pursuing |
| 9 | S Siva Prasad | Adaptive Signal processing algorithms for acoustic feedback cancellation | NIT , Warangal | Dr. C.P. Rama Rao | 7/1/2016 | Pursuing |

Table C: 5.7.1 Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc Research Publications (Journals)

Academic Year 2021-22

Sl. No.	Name of theFaculty/ Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	Vol/Month	Index No UGC/ Scopus
1	Dr. G. Ramakrishna	Design and Optimization of Microstrip patch Antenna via Improved Metaheuristic Algorithm	Wireless Pers Commun	1721–1739 (2021)	120/19 June 2021	SCI
2	Dr. Meenakshi Sundaram	Analysis of performance, combustion, and emission parameters in a reactivity-controlled combustion ignition (RCCI) engine - an intensive review	International Journal of Ambient Energy	ISSN: 2162-8246	6-Apr-22	SCI
3	Dr. R. Raman	Evaluate and Design the Mini-Hexagon-Shaped Monopole Antenna Controller to Minimize Losses in the Unit	Journal of Nuclear Energy Science & Power Generation Technology	ISSN NO:2325-9809	September 22,	SCOPUS
4	Dr. Inamul Hussain	In-situ grafting of Au and Cu nano particles over graphitic carbon nitride sheets and unveiling its superior super capacitive performance as a hybrid composite electrode material	Journal of Energy Storage (IF: 6.583)	2352-152X	1-Dec-21	SCI
5	M. Kishore Kumar	Facial Emotions recognition system for tested images by using navie bayes classification	Advances and Applications in Mathematical Sciences	ISSN:0974-6803	21-Sep	UGC

6	M. Kishore Kumar	Wideband antenna array for C Band applications	Design Engineering	ISBN : 0011-9342	30 June ,2021	SCOPUS
7	Dr. U.S.B.K. Mahalakshmi	Hybrid Feature-Based Disease Detection in Plant Leaf Using Convolutional Neural Network, Bayesian Optimized SVM, and Random Forest Classifier	Journal of food quality	ISSN : 0146-9428	10-Feb-22	SCI
8	Dr. U.S.B.K. Mahalakshmi	Using Electro encephalogram Classification in a convolutional network, infer privacy on health care internet of things 5.0	Expert Systems	ISSN: 1468-0394	22-Jan	SCI
9	Dr.G. Jaffino	Weighted 1D-local binary pattern features and Taylor-Henry gas solubility optimization based Deep Max out network for discovering epileptic seizure using EEG	Digital Signal Processing	2021.1	122, 15 April 2022	SCI
10	Dr. G. Jaffino	Contor & Texture based analysis for Victim Identification in Forensic Odontology	Data Technologies and Applications	2514-9288	Vol.56/July 2021	SCI
11	Dr. R. Raman	Evaluate and Design the MiniHexagon-Shaped Monopole Antenna Controller to MinimiseLosses in the unit	Journal of Nuclear Energy Science& Power Generation Technology	2335-9809	Vol.10/Sep2021	Scopus
12	G. Veerapandu	Low Power Health Monitoring with Active Personal Assistance Based Upon IOT	International Journal of Research in Engineering and Science	2320-9356	Vol.9/Sep 2021	UGC
13	Y. Sugandhi Naidu	MTCMOS Technique Based Low-Power Shift Registers	International Journal of Analytical and Experimental modal analysis	0866-9367	Vol.9/Sep 2021	UGC

Academic Year 2020-21

Sl. No.	Name of the Faculty/ Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	Vol/Month	Index No UGC/ Scopus
1	Dr. G. Jaffino	Rag-Bull Rider Optimization with deep recurrent neural network for epileptic Seizure detection Using Electroencephalogram	IET Signal Processing	1751-9675	Vol.15/Apr 2021	SCI
2	Dr. G. Jaffino	Adaptive Rag-Bull Rider:A Modified self adaptive Optimisation algorithm for epileptic Seizure detection deep stacked auto encoder using electroephalogram	Bio-Medical Signal Processing and Control	1746-8094	Vol.64/Feb 2021	SCI
3	Dr. G. Jaffino	Comparision of missing tooth and Dental work detection using Detal radiographs in Human Identification	International Journal of Biomedical Engineering and Technology	1752-6418	Vol.32/Feb 2020	Scopus
4	Dr. U.S.B.K. Mahalakshmi	Hybrid Fusion Approach of Medical Images using DWT,DCT,Laplacian Pyramids &Curve let Transform	Journal of Critical Reviews	2394-5125	Vol.7/Jun2020	SCOPUS
5	M. Kishore Kumar	Facial emotion recognition system for tested images by using Naïve Bayes classification	Advances and applications in mathematical sciences	0974-6803	15 Dec. 2020	UGC

Academic Year 2019-20

Sl. No.	Name of the Faculty Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	Vol/Month	Index No UGC/ Scopus
1	Dr. G. Rama Krishna	Mutation Probability Based Lion Algorithm For Design And Optimization Of Micro strip Patch Antenna	Springer (Switzerland)	1864-5909	27th Sep 2019	Scopus
2	Dr. G. Rama Krishna	Patch Antenna Design Optimization Using Opposition Based Grey Wolf Optimizer and map-reduce frame work	Emerald Group Publishing (United Kingdom)	2514-9288	29th Aug 2019	Scopus
3	Dr. G. Rama Krishna	A Compact Design Of Ultra Wideband Antenna With 5.5ghz To 5.9ghz Dual Band Characteristics	IJITEE	2278-3075	Volume -8, Sept 2019,	Scopus
4	Dr. G. Rama Krishna	Analyzing The Design Of The Octagonal Patch Antenna At 67ghz With Altering Dimensions	International Journal On Emerging Technologies	0975-8364	Vol.11, 11th Dec. 2019	Scopus
5	Dr. G. Rama Krishna	Design And Analysis Of Ultra-Wideband Octagonal Circular Ring Patch Antenna Using Defected Ground Structures	IJAST	2005-4238	Vol. 29, Jan 2020	Scopus
6	M. Venkateswarlu	New Chaos-Based Lossless Image Compression And Selective Encryption Using Alpha Rooting	IJAST	2005-4238	Vol. 29, Jan 2020	Scopus
7	Y. Sugandhi Naidu	Design & Analysis of 4:2 Compressors for Accurate Configurable Multipliers	Journal of Engineering Sciences	0377-9254	Vol.10/Nov 2019	UGC
8	Dr. Inamul Hussain	A comparative study on the effects of technology nodes and logic styles for low power high speed VLSI applications	International Journal of Nanoparticles	1753-2507	Vol 12/March 2020	Scopus

9	Dr. G. Jaffino	Detection of missing tooth from dental radiographic and photographic images in forensic odontology	International Journal of Biomedical Engineering and Technology	1752-6418	2019	Scopus
10	Y. Sugandhi Naidu	Power Optimized Multi Bit Flip Flop Using High throughput modified clock Gating Technique	International Journal of Engineering in Advanced Research Science and Technology	2278-2566	Vol 01, Jul 2019	UGC
11	Kalesh Busa	An FPGA Grounded Hardware Accelerator aimed at Traffic Sign Detection	Studia Rosenthaliana	1781-7838	2020	UGC
12	Kalesh Busa	A review of convolution Neural Network, ECG and STFT Based Spectrogram for Health Applications	IJAST	2005-4238	2020	UGC
13	Kalesh Busa	Embedded System aimed to regulate the movement of a multi-directional Mobile Machine	Adalya Journal	1301-2746	2020	UGC

Academic Year 2018-19

Sl. No.	Name of the Faculty Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	Vol/Month	Index No UGC/ Scopus
1	Dr. U.S.B.K. Mahalakshmi	A Comparative Analysis on Classification of Sleep Stages Using Different Classifiers	International Journal of Applied Engineering Research	0973-4562	Volume13, November (2018)	UGC
2	B.Praveen Kumar	Advanced Footstep BasedPower Generation Using ARDUINO	International Journal of Management Technology& Engineering	2249-7455	Vol6, April 2019	UGC

3	B.Praveen Kumar	An Evolutionary Approach For The Generation Of Time Table Using Python Programming	International Journal of Research in Computer and Communication Technology (IJRCCT)	2320-5156	Vol 6, April 2019	UGC
4	M.Raghunath	An Evolutionary Approach for the Generation of Time Table Using Python Programming	International Journal of Research in Computer and Communication Technology (IJRCCT)	2278-5841	Vol 7, Jun 2018	UGC
5	M.Raghunath	Design of Low power ,High speed Frequency Multiplier Based on DPLL for Clock Generation	International Journal of Research in Computer and Communication Technology (IJRCCT)	2321-6905	Vol 6, Jun 2018	UGC
6	Y.Sugandhi Naidu	An Efficient MAC Architecture with the Rounding of Based n Approximate (RoBA) Multiplier	International Journal of Research	2236-6124	Vol 7, Nov 2018	UGC
7	T.Krishna Mohana	An intelligent IOT Mechanism for Collision Detection and prevention at railway level crossing	IJRTE	2277-3878	Vol.8 /Sept.2018	Scopus

TABLE 5.7.1 D CONFERENCE PUBLICATIONS

Academic Year 2021-22

Sl. No.	Name of the Faculty as Author	No of Aut-hors	Main Author/ others	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/ ISSN Number
1	Dr. R. Raman	3	G. Jaffino, R. Raman, J Prabin Jose	Improved Speaker Identification System Based on MFCC and DMFCC Feature Extraction Technique	Fourth International Conference on Electrical, Computer and Communication Technologies (ICECCT).	15-17 Sept.2021	Velalar College of Engineering and Technology, Erode, Tamil nadu	ISBN: 978-1-6654-1480-7
2	Kalesh Busa	3	Kalesh Busa, M. Venkateshwarlu, K V Balarama Krishna	Cloud Based Wireless Sensor Network for Industrial Parameter Monitoring, Fault Detection and Alerting	International conference on Artificial Intelligence and Information	1/11/2021		ISBN: 978-81-89843-12-0
3	Kalesh Busa	4	E. Jagadeeshwar Rao, K.Murali Krishna, Miranji Katta	Efficient Design of Multipiler using EGDI Technique	IEEE 2nd International Conference, AESPC	1/11/2021		978-1-6654-4299-2

Academic Year 2020-21

Sl. No.	Name of the Faculty as Author	No of Authors	Main Author/ others	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/ISSN Number
1	K Sangeeth Kumar	3	Dr.G.Jaffino G PrabinJoshe	Expectation-Maximization extreme machine learning classifier for epileptic seizure detection	IEEE	Jan-21	SSN College of Engineering, Chennai	1558-2256

Academic Year 2019-20

Sl. No.	Name of the Faculty as Author	No of Authors	Main Author/ others	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/ ISSN Number
1	Dr. G. Jaffino	3	J. Prabin Jose, M. Sundaram	FPGA Implementation of Epileptic seizure detection using ELM classifier	2020 Sixth International Conference on Bio Signals, Images, and Instrumentation (ICBSII)	27-28 Feb 2020	SSN College of Engineering, Chennai	1558-2256
2	Mr. Kiran Venneti	4	Main Author	Automatic segmentation of macula in retinal fluorescein angiogram images	International Conference on Graphics and Image Processing-2019	12-14 October 2019	Eleventh international conference on graphics and image processing Hangzhou, China	0277-786

Academic Year 2018-19

Sl. No.	Name of the Faculty as Author	No of Authors	Main Author/ others	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/ISSN Number
1	M Kishore Kumar	2	V Pradyumna	Design and analysis of compatible embedded antenna	International conference on Micro electronics, electromagnetic and tele communi cations	2018	BVRIT Hyderabad College of engineering for women	978-981-10-7329-8_72
2	Dr. R. Raman	2	T. Shanmuga natham	Analysis of a Compact RF MEMS Switch with	2019 TEQIP III Sponsored International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks (IMICPW)	22-24 May 2019	NIT Tiruchira ppalli, India	978-1-7281-1034-9

5.7.1 E Book & Book Chapters

Sl. No	Name of the Faculty Author	No of Authors	Main Author/other	Title of the Book Chapter	Name of the Publisher	ISBN Number
1	G. Jaffino	3	J. Prabin Jose, M. Sundaram	Contour and Texture based approaches for dental radiographic and photographic images in Forensic identification	Advances in Communications, Signal Processing, and VLSI	1732-6418
2	Dr. Raman	3	Dr. T.S. Karthik	Digital Electronics:Theory and Practice	Anvi Books & Publishers	978-93-90856-022

5.7.2 Sponsored Research (5)

2021-22 (CAY)

Project Title	Duration	Funding Agency	Amount
Science education among school children	1 Year	Ministry of Science and Technology, Govt. of India	Rs.13,67,300/-

2020-21 (CAYm1)

Project Title	Duration	Funding Agency	Amount

2019-20 (CAYm2)

Project Title	Duration	Funding Agency	Amount

2018-19 (CAYm3)

Project Title	Duration	Funding Agency	Amount

Cumulative Amount (X+Y+Z) = Rs.13,67,300/-

5.7.3 Development Activities (10)

A. Product Development

Academic Year 2021-22

S. No.	Name of the Faculty	Patent details	Area of the patents files/ obtained	Status	Filing agency
1	Dr. G. Ramakrishna	Method for minimizing the battery power using mobile adhoc networks	Electrical & Agricultural	Granted	IP Australia
2	Dr. U.S.B.K. Mahalakshmi	Efficient Iris Recognition System with complete local ternary pattern feature extraction &classification method	Biomedical	Granted	IP Australia
3	M. Venkateswarulu	Nano bio compatible hydrogels for treating external injuries	Medical image processing	published on 13-08-2021	Intellectual Property India

4	Dr. R.Raman	Design And Modeling Of IoT Based Cotton Picker Cum Boom Sprayer	Mechanical Engineering	Published on 10/12/2021	Intellectual Property India
5	Dr. R.Raman	Combination Of An IoT Based Rural Village Micro-Grid Regulator Strategy Based On Smart-Grid Multipotent Modeling And Trans Active Energy Administration Values	Electrical.	Published on 04/02/2022	Intellectual Property India
6	Mrs. K.Suma	Method to Observe Fast Data Transmission Light Rays	Bio-Medical Engineering	Published on 16/02/2022	novel patent services ltd

Academic Year 2020-21

S. No.	Name of the Faculty	Patent details	Area of the patents files/ obtained	Status	Filing agency
1	Kalesh Busa	A Triple Layer Bio degradable Transparent Multi-Functional Mask (Application No:202021023894)	Chemical	Published, Fer Issued, Reply Not Filed	IPR MUMBAI
2	Kalesh Busa	Virus Detection 5-G Mobile App An App Which Enables A Mobile Phone To Detect The Virus (Covid19) (Application No: 202021024064)	Chemical	Published, Awaiting Request For Examination	IPR MUMBAI

Academic Year 2019-20

Sl. No.	Name of the Faculty	Patent details	Area of the patents files/ obtained	Status	Filing agency
1	Dr. Inamul Hussain	Development Of Nano-Electrical Discharge Machining (NEDM) System	Multidisciplinary	Published	Indian Patent

Academic Year 2018-19

Sl. No.	Name of the Faculty	Patent details	Area of the patents files/ obtained	Status	Filing agency
1	M. Venkateswarlu	Nano Bio compatible hydrogel for treating External injuries	Medical Image Processing	Published	IPR

B. Research Laboratories

The Department encourages faculty members to involve in research activities and also create the opportunity for students to perform their final year projects and mini projects in their research areas, that is reflected by number of publications, patents, PhD Scholar (faculty) etc. Department R & D center in our department recognized by JNTUK, which is equipped with necessary facilities to do research.

List of equipments

S. No.	Name	Make	Date	Unit Cost	Quantity	Total Cost
1	Computers	Lenovo	10-01-2020	34,600	06	2,07,600

List of Software

S. No.	Name	Date	Unit Cost	Quantity	Total Cost
1	Mentor Graphics- Back End (HEP 1) & Xilinx Vivado System Edition (Software)	08-04-2021	3,03,000	35 Users user License)	3,03,000
2	Pspice	Open Source Software			
TOTAL COST					3,03,000

Research Lab Activities

Table A: Professional Society Memberships

S.No.	Name of the Faculty	Name of the Professional Society	Membership Number	Life/Annual
1	Dr.Guttula Rama Krishna	IETE	M-201877	LIFE
2	Dr.G.Meenakshisundaram	IETE	M-503033	LIFE
3	Dr.Utla.S.B.K.Mahalaxmi	IETE	M-503041	LIFE
4	Dr.R.Raman	IETE	M-503037	LIFE
5	Dr.G.Jaffino	IETE	M-503039	LIFE
6	Dr. Inamul Hussain	IETE	M-503034	LIFE
7	Mandipudi Raghunath	IETE	M-503018	LIFE
8	Y Sugandhi Naidu	IETE	AM-503029	LIFE
9	B Jagadeesh Babu	IETE	AM-503031	LIFE
10	Kalesh Busa	IETE	AM-503019	LIFE
11	K.V.Balaramakrishna	IETE	AM-503002	LIFE
12	K. Chandra Sekhar	IETE	AM503030	LIFE

13	T. Krishna Mohana	IETE	AM-503021	LIFE
14	K. Sangeet Kumar	IETE	AM-503020	LIFE
15	P.Bhupa Reddy	IETE	AM-503001	LIFE
16	Chavvakula Janaki Devi	IETE	AM-503022	LIFE
17	T. Krishna Mohana	IE	AM 1683902	LIFE
18	Jhansi Pandiri	ISTE	LM121152	LIFE
19	Sugandhi Naidu Y	ISTE	LM121149	LIFE
20	KaleshBusa	IAENG	204208	ANNUAL
21	P.Ramesh	IETE	AM-224908	LIFE
22	K V Balaramakrishna	IAENG	215473	ANNUAL
23	B.JagadeeshBabu	ISTE	LM121153	LIFE
24	Dr.G.Jaffino	ISTE	LM 87858	LIFE
25	M.Venkateswarlu	IETE	M117331	LIFE
26	Dr.R.Raman	ISTE	LM72493	LIFE
27	G.Veerapandu	ISTE	LM34341	LIFE
28	G.Veerapandu	IETE	M224871	LIFE
29	M.Kishorekumar	ISTE	LM60813	LIFE
30	M.Kishorekumar	IETE	225101	LIFE
31	M.Kishorekumar	IAENG	217654	ANNUAL
32	M.Kishorekumar	IRED	S101100059860	ANNUAL
33	K.MaheshBabu	ISTE	LM 121147	LIFE
34	M.Raghunath	ISTE	LM 121145	LIFE
35	P.Bhupa Reddy	ISTE	LM 126532	LIFE
36	K.Hima Bindu	IETE	AM 503013	LIFE
37	V Kiran	IETE	AM 503026	LIFE
38	M Sudheer Kumar Reddy	IETE	AM 503012	LIFE
39	P Jhansi	IETE	AM503016	LIFE
40	M Madhu Manikya Kumar	IETE	AM 503015	LIFE
41	K Suma	IETE	AM 503014	LIFE
42	K Vijaya Kumari	IETE	AM 503006	LIFE
43	P Mamatha Devi	IETE	AM 503003	LIFE
44	T.Phanimala	IETE	AM 503025	LIFE
45	S Siva prasad	IETE	AM 503024	LIFE
46	K.MaheshBabu	IETE	AM 503004	LIFE

Table B: Faculty Development Programme (FDP) – Organized

Academic Year 2021-22

S. No.	Name of the FDP	Name of the faculty Coordinator	Dates/Duration	Resource Person Details	Year	No. of Participants
1	Image processing	K.Suma	17-08-2021	Dr. Ch. Srinivasa Rao	2021	80

Academic Year 2020-21

S. No.	Name of the FDP	Name of the faculty Coordinator	Dates/Duration	Resource Person Details	Year	No. of Participants
1	Image processing	Dr. G.Jaffino	26-08-2020	Dr.Ch.Srinivasa Rao	2020	80
2	Microwave Engineering	Mr. G.Veera Pandu	16-02-2021	Dr. NV Rao	2021	90
3	Wireless Communications	Dr.U.S.B.K.Maha lakshmi	02-08-2020	Dr. K. Dhana Lakshmi	2020	85

Academic Year 2019-20

S. No.	Name of the FDP	Name of the faculty Coordinator	Dates/Duration	Resource Person Details	Year	No. of Participants
1	Wireless and Data Communications	Dr. U.S.B.K. Maha Lakshmi	15-09-2019	Mr. Suresh Kumar, Telecom Engineer, BSNL, Rajahmundry	2019	50
2	Research in Engineering (Myths, Paths, Challenges)	Dr. G.Jaffino	06-11-2019 to 10-11-2019	Dr. Durgesh Nandan, Accenture Knowledge Management Services, Pvt Ltd	2019	35
3	Role of IPR and Innovation Management for Academia	Dr.R.Raman	03-12-2019	Dr.Murali Krishna Pattabhi, Mrs.HimaBindu	2019	50
4	Internet Of Things And Its Applications On Signal Processing	Mr. Kalesh Busa, Mr. K.ChandraSekhar	06-06-2019 to 08-06-2019	Mr.A.Pavan Shankar Sai, Mr.V.Shankar	2019	45

Academic Year 2018-19

S. No.	Name of the FDP	Name of the faculty Coordinator	Dates/Duration	Resource Person Details	Year	No. of Participants
1	Image processing	Mr. P. Ramesh	22-09-2018	Dr. Ch. Srinivasa Rao	2018	36

Table C: Conferences, Seminars and Workshops – Attended

Academic Year 2021-22

S. No.	Name of the faculty	Name of the Event	Name of the organizer	Place/ Location	Dates/ Duration	Remarks
1	B. Jagadeesh babu	International Conference on Advances in Computer Engineering and Communication Technology	Aditya College of Engineering & Technology	Online	22-23 Oct , 2021	Conference
2	M. Madhu Manikya Kumar	Two day Workshop on Research using SCOPUS/SCI database	Oriental Institute of Science and Technology, Bhopal	Online	9th-10th July,2021	Workshop
3	Y. Sugandhi Naidu	Two day Workshop on Research using SCOPUS/SCI database	Oriental Institute of Science and Technology, Bhopal	Online	9th-10th July,2021	Workshop
4	K. Sangeeth Kumar	Two day Workshop on Research using SCOPUS/SCI database	Oriental Institute of Science and Technology, Bhopal	Online	9th-10th July,2021	Workshop
5	K.V. Balaramakrishna	International Conference on Artificial Intelligence & Information Technology	School of Computational Studies	Online	29th September, 2021	Conference
6	Kalesh Busa	International Conference on Artificial Intelligence & Information Technology	School of Computational Studies	Online	29th September, 2021	Conference
7	P. Mamatha Devi	International Conference on Advances in Computer Engineering and Communication Technology	Aditya College of Engineering & Technology	Online	22-23 Oct , 2021	Conference

8	G. Veerapandu	International Conference on Advances in Computer Engineering and Communication Technology	Aditya College of Engineering & Technology	Online	22-23 Oct , 2021	Conference
9	Kalesh Busa	International Conference on Effiecient Design of Technology	School of Computational Studies	Online	29th September, 2021	Conference
11	T. Krishna Mohana	National level workshop on Communication VLSI ,Image Processing & Design of Antennas	JNTU, Vizianagaram	Online	3rd-4th Sep, 2021	Workshop
12	T. Krishna Mohana	Two day Workshop on Research using SCOPUS/SCI database	Oriental Institute of Science and Technology, Bhopal	Online	9th-10th July, 2021	Workshop
13	Dr. U.S.B.K. Mahalakshmi	Two day Workshop on Research using SCOPUS/SCI database	Oriental Institute of Science and Technology, Bhopal	Online	9th-10th July, 2021	Workshop
14	Dr. G.Jaffino	Fourth IEEE International Conference on Electrical, Computer & Communication Technologies	Velalar College of Engineering and Technology	Erode	15th -17th September 2021	Conference
15	Dr. R. Raman	Fourth International Conference on Electrical, Computer and Communication Technologies (ICECCT).	Velalar College of Engineering and Technology, Erode, Tamil nadu	Erode	15-17 Sept.2021	Conference
16	M Raghunath	Deep CNN based model for detection and classification of Glaucoma using Fundus images	Aditya College of Engineering and Technology	Surampalem	22-10-2021	Conference
17	G. Veerapandu	A comparative study of Different IOT sensors	Aditya College of Engineering	Surampalem	28 & 29 Oct 2021	Conference
18	Kiran Venneti	A comprehensive survey on IoT Development modules and its applications	KL University, Vijayawada	Surampalem	11-Jun-21	Conference

19	Kiran Venneti	Detection of liveliness by fusing ECG and Fingerprint	KL University, Vijayawada	Vijayawada	11-Jun-21	Conference
20	M. Kishore Kumar	International Conference on Innovative Research in engineering and technology	School of Computational Studies	Online	29&30 Sep-2021	Conference
21	Kalesh Busa	International conference on Artificial Intelligence and Information	School of Computational Studies	Online	1/11/2021	Conference
22	Kalesh Busa	Efficient Design of Multipiler using EGDI Technique	IEEE 2nd International Conference, AESPC	Online	1/11/2021	Conference
23	Kiran Venneti	Ada Boost Learning based recognition of hand gesture for deaf and dumb for american sign language	Aditya College of Engineering and Technology	Surampalem	22-10-2021	Conference
24	M. Venkates warlu	International conference on Artificial Intelligence and Information	ICAIII-2021	Online	21-Nov	Conference

Academic Year 2020-21

S.No.	Name of the faculty	Name of the Event	Name of the organizer	Place/ Location	Dates/ Duration	Remarks
1	Dr.G.Jaffino	Data Science Using Phyton	Amrita College of Engineering and Technology, Nagerkovil	Online	17th -25th June 2020/ 9 Days	Workshop
2	Dr.G.Jaffino	India International Science Festival 2020	Council Scientific and Industrial Research	Online	22nd – 25th December 2020	Conference
3	Dr.G.Jaffino	Young Scientist Conference 2020	Council Scientific and Industrial Research	Online	22nd – 24th December 2020	Conference
4	Dr.R.Raman	Industrial Applications and Career Opportunities (IACO-2020)	Arjun College of Technology, Coimbatore.	Online	5th -6th June 2020/ 2 Days	Webinar
5	Dr.R.Raman	Accelerating Commercialization of SIC Power Electronics	St.Joseph's Institute of Technology, Chennai	Online	21st June 2020/1 Day	Webinar

6	Dr.R.Raman	Multi-Robot Motion Planning: The Easy, The Hard and The Uncharted	St.Joseph's Institute of Technology, Chennai	Online	26th June 2020/ 1 Day	Webinar
7	Dr.R.Raman	Virtual Reality	St.Joseph's Institute of Technology, Chennai	Online	14th July 2020/1 Day	Webinar
8	Dr.G.Jaffino	International Conference on Advances in Electrical Computing, Communication & Sustainable Technologies	Shri Shankaracharya Technical Campus Bhilai	Bhilai	21-22 Apr, 2021	Conference
9	P.Ramesh	Internet of Things	National Institute of Technical Teachers Training &Research (Chandigarh)	Online	15th- 19th Aug,2020	Workshop
10	Y. Sugandhi Naidu	Two day Workshop on Emerging trends in technology with focus on Artificial Intelligence & Machine Learning & Nano Electronics	Bharath Institute of Engineering and Technology	Online	28th- 29th May,2021	Workshop
11	K.Sangeeth Kumar	Two day Workshop on Emerging trends in technology with focus on Artificial Intelligence & Machine Learning & Nano Electronics	Bharath Institute of Engineering and Technology	Online	28th- 29th May,2021	Workshop
12	Ch.Janaki Devi	MEMO & Beam forming Antenna for Wireless & Satellite Applications	IEEE	Online	26th- 30th Apr,2021	Conference
13	K.Sangeeth Kumar	Expectation-Maximization Extreme Machine Learning Classifier for Epiliptic Seizure Detection	IEEE	Online	28th- 29th May,2021	Conference

Academic Year 2019-20

S.No.	Name of the faculty	Name of the Event	Name of the organizer	Place/ Location	Dates/ Duration	Remarks
1	Y. Sugandhi Naidu	Internet of Things	National Institute Of Technical Teachers Training And Research	Online	15.4.2020 To 19.04.2020/6 Days	Workshop
2	Kalesh Busa	Internet of Things	National Institute Of Technical Teachers Training And Research	Online	15.4.2020 To 19.04.2020/6 Days	Workshop
3	Jhansi Pandiri	Internet of Things	National Institute Of Technical Teachers Training And Research	Online	15.4.2020 To 19.04.2020/6 Days	Workshop
4	K. Sangeet Kumar	Internet of Things	National Institute of Technical Teachers Training and Research	Online	15th April-19th April,2020/5 Days	Workshop
5	K. Sangeet Kumar	Research in engineering (myth, challenges & path for success)	Aditya College Of Engineering	Surampalem	6th Nov-14th Nov,2019/9 Days	Workshop
6	Dr.G. Jaffino	2020 Sixth International Conference on Bio Signals, Images, and Instrumentation (ICBSII)	SSN College of Engineering, Chennai	Chennai	27-28 February 2020/ 2 Days	Conference
7	Dr.R. Raman	Latex Spoken Tutorial	St.Joseph's Institute of Technology, Chennai, funded by IIT Bombay	Online	17th May 2020/1 Day	Workshop
8	Dr.R.Raman	Trends in Artificial Intelligence: A Modern Perspective	St.Joseph's Institute of Technology, Chennai	Online	28th May 2020/1 Day	Webinar
9	V Kiran	International Conference on Graphics and Image Processing-2019	Eleventh international conference on graphics and image processing Hangzhou, China	Online	12-14 October 2019 / 3 Days	Conference

| 10 | Dr.G. Jaffino | International Conference on Communication, Signal Processing & VLSI | NIT Warangal | Warangal | 23-24 October 2019 | Conference |
| 11 | T. Krishna Mohana | Internet of Things | NITTTR, Chandigarh | Online | 15th- 19th Apr,2020 | Workshop |

Academic Year 2018-19

S.No.	Name of the faculty	Name of the Event	Name of the organizer	Place/ Location	Dates/ Duration	Remarks
1	Dr.R.Raman	2019 TEQIP III Sponsored International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks (IMICPW)	NIT Tiruchirapalli, India	Tiruchirapalli	22-24 May 2019/ 3 Days	Conference
2	T. Krishna Mohana	An Intelligent IOT Mechanism for Collision Detection &Prevention at Railway level Crossing	Amalapuram Institute of Management Sceinces& college of Engineering ,Mummidivaram	Online	26th- 27th Jul,2019	Conference

Table D: Invited Lectures

S No.	Name of the faculty	Name of the event	Name of the topic addressed/ delivered	Date	Invited Organization/ institute
1	Dr.G.Jaffino	Workshop	Digital Signal Processing & its applications	04-10-2019	Rohini College of Engineering & Technology, Nagarkovil
2	Dr.G.Meenakshi Sundaram	Webinar	Design and Simulation of RF MEMS Resonator	27-06-2020	Jyothi Engineering College, Kerala

Table E: Faculty Development Programme (FDP) – Attended

Academic Year 2021-22

S. No.	Name of the Faculty	Name of the Event	Name of the organizer	Place/ Location	Dates/Duration
1	P. Ramesh	Advanced Technologies in wireless Communication Networks	GMR IT,RAJAM	Online	2nd-6th Aug,2021
2	M. Madhu Manikya Kumar	IPR awareness & Patent Prosecution	Oriental Institute of Science and Technology, Bhopal	Online	13th-17th July,2021
3	Dr. R.Raman	Trends and Challenges in the Design & Implementation of Planar Antennas	Sreenidhi Institute of Science and Technology	Online	1st-5th Sep,2021
4	P. Mamatha Devi	Digital VLSI Design and Verification	Bangalore Institute of Technology	Online	23rd-27th Aug,2021
5	P. Mamatha Devi	Emerging Materials,Sensors& Devices for IOT & Industry	AICTE	Online	23rd-27th Aug,2021
6	P. Mamatha Devi	Embedded Systems	APSSDC	Online	16th Aug-4th Sep,2021
7	T. Phanimala	Digital VLSI Design and Verification	Banglore Institute of Technology	Online	23rd-27th Aug,2021
8	K. Balarama krishna	Recent Advances in Signal Processing	ATAL	Online	2nd-6th Aug,2021
9	K. Balarama krishna	Sensors Technology	ATAL	Online	7th-11th Dec,2021
10	G.Veerapandu	Internet Of Things	Rajagopal Polytech College	Online	23rd-27th Aug,2021
11	G.Veerapandu	Challenges in Adapting Machine Learning towards 5G/6G Communications	Valluri Nageswararao Vignana Jyothi Institute of Engineering & Technology	Online	9th-13th Aug,2021
12	G.Veerapandu	MELSEC	CVR College of Engineering, Hyderabad	Online	15th-16th June,2021
13	Ch.Janaki Devi	RF Energy Harvesting Antenna Design for Wireless Body area network, Design, Development and Challenges	Sri Vasavi Engineering College	Online	23rd-27th Aug 2021
14	Y. Sugandhi Naidu	Emotional Intelligence	ATAL	Online	7th-11th June,2021
15	Y. Sugandhi Naidu	Machine Learning applications in Micro, Nano, VLSI Technologies	ATAL	Online	21st-26th June,2021
16	Y. Sugandhi Naidu	Role of Mathematics in Latest Engineering Trends	Lords Institute of Engineering	Online	4th-10th June,2021
17	T. Krishna Mohana	Emotional Intelligence	ATAL	Online	7th-11th June,2021
18	T. Krishna Mohana	IPR awareness & Patent Prosecution	Oriental Institute of Science and	Online	13th-17th July,2021

			Technology, Bhopal		
19	T. Krishna Mohana	Future Perspective of Semiconductor Devices	ATAL	Online	21st-25th June 2021
20	K. Mahesh Babu	Advanced technologies in Wireless Communication Networks	GMR IT,RAJAM	Online	2nd-6th Aug,2021
21	Dr. G Rama Krishna	IPR awareness & Patent Prosecution	Oriental Institute of Science and Technology, Bhopal	Online	13th-17th July,2021
22	Dr. G M Sundaram	Trends and Challenges in the Design & Implementation of Planar Antennas	Sreenidhi Institute of Science and Technology	Online	1st-5th Sep,2021
23	Dr. U S B K Mahalaxmi	Digital VLSI Design and Verification	Bangalore Institute of Technology	Online	23rd-27th Aug,2021
24	Dr. Raman R	Emerging Materials, Sensors& Devices for IOT & Industry	AICTE	Online	23rd-27th Aug,2021
25	Dr. A Anil Jitendra Prasad	Embedded Systems	APSSDC	Online	16th Aug-4th Sep,2021
26	G Veerapandu	IPR awareness & Patent Prosecution	Oriental Institute of Science and Technology, Bhopal	Online	13th-17th July,2021
27	G Veerapandu	Emotional Intelligence	ATAL	Online	7th-11th June,2021
28	G Veerapandu	Machine Learning applications in Micro, Nano, VLSI Technologies	ATAL	Online	21st-26th June,2021
29	Dr. Inamul Hussian	Advanced Technologies in wireless Communication Networks	GMR IT,RAJAM	Online	2nd-6th Aug,2021
30	M Venkates warulu	IPR awareness & Patent Prosecution	Oriental Institute of Science and Technology, Bhopal	Online	13th-17th July,2021
31	M. Kishore Kumar	Trends and Challenges in the Design & Implementation of Planar Antennas	Sreenidhi Institute of Science and Technology	Online	1st-5th Sep,2021
32	M. Kishore Kumar	Digital VLSI Design and Verification	Bangalore Institute of Technology	Online	23rd-27th Aug,2021
33	M. Kishore Kumar	Emerging Materials, Sensors& Devices for IOT & Industry	AICTE	Online	23rd-27th Aug,2021
34	M Raghunadh	Embedded Systems	APSSDC	Online	16th Aug-4th Sep,2021
35	M Raghunadh	Digital VLSI Design and Verification	Banglore Institute of Technology	Online	23rd-27th Aug,2021
36	Ch Janaki Devi	Recent Advances in Signal Processing	ATAL	Online	2nd-6th Aug,2021
37	Ch Janaki Devi	Sensors Technology	ATAL	Online	7th-11th Dec,2021
38	M Madhu Manikya Kumar	Internet Of Things	RajagopalPolytech College	Online	23rd-27th Aug,2021

39	M Madhu Manikya Kumar	Challenges in Adapting Machine Learning towards 5G/6G Communications	Valluri Nageswararao Vignana Jyothi Institute of Engineering & Technology	Online	9th-13th Aug,2021
40	B Kalesh	MELSEC	CVR College of Engineering, Hyderabad	Online	15th-16th June,2021
41	B Kalesh	RF Energy Harvesting Antenna Design for Wireless Body area network, Design, Development and Challenges	Sri Vasavi Engineering College	Online	23rd-27th Aug 2021
42	Venneti Kiran	Emotional Intelligence	ATAL	Online	7th-11th June,2021
43	S Siva Prasad	Machine Learning applications in Micro, Nano,VLSI Technologies	ATAL	Online	21st-26th June,2021
44	P Ramesh	Role of Mathematics in Latest Engineering Trends	Lords Institute of Engineering	Online	4th-10th June,2021
45	K Mahesh Babu	Emotional Intelligence	ATAL	Online	7th-11th June,2021
46	Y Sugandhi Naidu	IPR awareness & Patent Prosecution	Oriental Institute of Science and Technology, Bhopal	Online	13th-17th July,2021
47	Y Sugandhi Naidu	Future Perspective of Semiconductor Devices	ATAL	Online	21st-25th June 2021
48	B Jagadeesh Babu	Advanced technologies in Wireless Communication Networks	GMR IT,RAJAM	Online	2nd-6th Aug,2021
49	P V N D K Kishore	IPR awareness & Patent Prosecution	Oriental Institute of Science and Technology, Bhopal	Online	13th-17th July,2021
50	K V Bala Rama Krishna	Trends and Challenges in the Design & Implementation of Planar Antennas	Sreenidhi Institute of Science and Technology	Online	1st-5th Sep,2021
51	K V Bala Rama Krishna	Digital VLSI Design and Verification	Banglore Institute of Technology	Online	23rd-27th Aug,2021
52	K V Bala Rama Krishna	Recent Advances in Signal Processing	ATAL	Online	2nd-6th Aug,2021
53	Marukurthi Sai	Sensors Technology	ATAL	Online	7th-11th Dec,2021
54	T Krishna Mohana	Internet Of Things	Rajagopal Polytech College	Online	23rd-27th Aug,2021
55	P Bhupa Reddy	Challenges in Adapting Machine Learning towards 5G/6G Communications	Valluri Nageswararao Vignana Jyothi Institute of Engineering & Technology	Online	9th-13th Aug,2021
56	P Bhupa Reddy	MELSEC	CVR College of Engineering, Hyderabad	Online	15th-16th June,2021

57	K Suma	RF Energy Harvesting Antenna Design for Wireless Body area network,Design,Development and Challenges	Sri Vasavi Engineering College	Online	23rd-27th Aug 2021
58	T Phanimala	Emotional Intelligence	ATAL	Online	7th-11th June,2021
59	T Phanimala	Machine Learning applications in Micro, Nano,VLSI Technologies	ATAL	Online	21st-26th June,2021
60	P Mamathadevi	RF Energy Harvesting Antenna Design for Wireless Body area network,Design,Development and Challenges	Sri Vasavi Engineering College	Online	23rd-27th Aug 2021
61	B Lakshmi	Emotional Intelligence	ATAL	Online	7th-11th June,2021
62	P Santhi	Machine Learning applications in Micro, Nano,VLSI Technologies	ATAL	Online	21st-26th June,2021
63	K Chandra Sekhar	Role of Mathematics in Latest Engineering Trends	Lords Institute of Engineering	Online	4th-10th June,2021
64	P Saimata Sailaja	Emotional Intelligence	ATAL	Online	7th-11th June,2021
65	G Nissi Evangelin	IPR awareness & Patent Prosecution	Oriental Institute of Science and Technology, Bhopal	Online	13th-17th July,2021
66	K Sangeet Kumar	Future Perspective of Semiconductor Devices	ATAL	Online	21st-25th June 2021
67	K Sangeet Kumar	Advanced technologies in Wireless Communication Networks	GMR IT,RAJAM	Online	2nd-6th Aug,2021
68	S Parameswari	IPR awareness & Patent Prosecution	Oriental Institute of Science and Technology, Bhopal	Online	13th-17th July,2021
69	M Vidya	RF Energy Harvesting Antenna Design for Wireless Body area network,Design,Development and Challenges	Sri Vasavi Engineering College	Online	23rd-27th Aug 2021
70	K Vijaya Kumari	Emotional Intelligence	ATAL	Online	7th-11th June,2021
71	K Vijaya Kumari	Machine Learning applications in Micro, Nano,VLSI Technologies	ATAL	Online	21st-26th June,2021
72	Y Ravindra Babu	Role of Mathematics in Latest Engineering Trends	Lords Institute of Engineering	Online	4th-10th June,2021
73	P Dedeepya	Emotional Intelligence	ATAL	Online	7th-11th June,2021
74	Pandiri Jhansi	IPR awareness & Patent Prosecution	Oriental Institute of Science and Technology, Bhopal	Online	13th-17th July,2021
75	K Hima Bindhu	Future Perspective of Semiconductor Devices	ATAL	Online	21st-25th June 2021

76	K Hima Bindhu	Advanced technologies in Wireless Communication Networks	GMR IT,RAJAM	Online	2nd-6th Aug,2021
77	K Hima Bindhu	IPR awareness & Patent Prosecution	Oriental Institute of Science and Technology, Bhopal	Online	13th-17th July,2021
78	T. Gopala krishna	RF Energy Harvesting Antenna Design for Wireless Body area network,Design,Development and Challenges	Sri Vasavi Engineering College	Online	23rd-27th Aug 2021
79	S. Dileep Kumar	Emotional Intelligence	ATAL	Online	7th-11th June,2021
80	M Sudheer Kumar Reddy	Machine Learning applications in Micro, Nano,VLSI Technologies	ATAL	Online	21st-26th June,2021
81	M Sudheer Kumar Reddy	Role of Mathematics in Latest Engineering Trends	Lords Institute of Engineering	Online	4th-10th June,2021
82	B.Suresh	Emotional Intelligence	ATAL	Online	7th-11th June,2021

Academic Year 2020-21

S.No.	Name of the faculty	Name of the Event	Name of the organizer	Place/ Location	Dates/Duration
1	Dr.R.Raman	Wearable Devices	Saintgits College of Engineering	Online	11th-15th Jan 2021
2	Dr.G.Jaffino	Deep Learning and Its Applications	Lakireddy Balireddy College of Engineering	Online	15th- 20th June 2020/ 6 Days
3	M.Sai	MATLAB& Simulink in Engineering Education	APSSDC	Online	10th-11th June,2020
4	T.Krishna Mohana	Control Systems and Sensors Technology	ATAL	Online	2nd-6th Nov 2020
5	M.Raghunath	Recent Advances in Communication & Signal Processing	Aditya College of Engineering	Online	24th-29th Aug,2020
6	M.Raghunath	Research areas in Artificial Intelligence and Machine Learning	Gokaraju Rangaraju Institute of Engineering and Technology	Online	14th-20th Jun,2020
7	U.S.B.K.Mahalaks hmi	Control Systems and Sensors Technology	AICTE	Online	2nd-6th Nov,2020
8	Y Ravindra Babu	Wearable Devices	Saintgits College of Engineering	Online	11th-15th Jan 2021
9	P Dedeepya	Wearable Devices	Saintgits College of Engineering	Online	11th-15th Jan 2021
10	B.Suresh	Wearable Devices	Saintgits College of Engineering	Online	11th-15th Jan 2021
11	T. Gopala krishna	Recent Advances in Communication & Signal Processing	Aditya College of Engineering	Online	24th-29th Aug,2020
12	S. Dileep Kumar	Recent Advances in Communication & Signal Processing	Aditya College of Engineering	Online	24th-29th Aug,2020

13	S Parameswari	Recent Advances in Communication & Signal Processing	Aditya College of Engineering	Online	24th-29th Aug,2020
14	M Vidya	Recent Advances in Communication & Signal Processing	Aditya College of Engineering	Online	24th-29th Aug,2020
15	P Saimata Sailaja	Recent Advances in Communication & Signal Processing	Aditya College of Engineering	Online	24th-29th Aug,2020
16	G Nissi Evangelin	Recent Advances in Communication & Signal Processing	Aditya College of Engineering	Online	24th-29th Aug,2020
17	B Lakshmi	MATLAB& Simulink in Engineering Education	APSSDC	Online	10th-11th June,2020
18	P Santhi	MATLAB& Simulink in Engineering Education	APSSDC	Online	10th-11th June,2020
19	Dr.G Rama Krishna	MATLAB& Simulink in Engineering Education	APSSDC	Online	10th-11th June,2020
20	Dr. G M Sundaram	MATLAB& Simulink in Engineering Education	APSSDC	Online	10th-11th June,2020
21	Dr.U S B K Mahalaxmi	Wearable Devices	Saintgits College of Engineering	Online	11th-15th Jan 2021
22	Dr. Raman R	Deep Learning and Its Applications	Lakireddy Balireddy College of Engineering	Online	15th- 20th June 2020/ 6 Days
23	Dr. A Anil Jitendra Prasad	MATLAB& Simulink in Engineering Education	APSSDC	Online	10th-11th June,2020
24	G Veerapandu	MATLAB& Simulink in Engineering Education	APSSDC	Online	10th-11th June,2020
25	Dr. Inamul Hussian	MATLAB& Simulink in Engineering Education	APSSDC	Online	10th-11th June,2020
26	M Venkateswarulu	MATLAB& Simulink in Engineering Education	APSSDC	Online	10th-11th June,2020
27	M. Kishore Kumar	MATLAB& Simulink in Engineering Education	APSSDC	Online	10th-11th June,2020
28	M Raghunadh	Wearable Devices	Saintgits College of Engineering	Online	11th-15th Jan 2021
29	Ch Janaki Devi	Wearable Devices	Saintgits College of Engineering	Online	11th-15th Jan 2021
30	M Madhu Manikya Kumar	Wearable Devices	Saintgits College of Engineering	Online	11th-15th Jan 2021
31	B Kalesh	Recent Advances in Communication & Signal Processing	Aditya College of Engineering	Online	24th-29th Aug,2020
32	P Ramesh	Recent Advances in Communication & Signal Processing	Aditya College of Engineering	Online	24th-29th Aug,2020
33	K Mahesh Babu	Recent Advances in Communication & Signal Processing	Aditya College of Engineering	Online	24th-29th Aug,2020
34	Y Sugandhi Naidu	Wearable Devices	Saintgits College of Engineering	Online	11th-15th Jan 2021
35	B JagadeeshBabu	Wearable Devices	Saintgits College of Engineering	Online	11th-15th Jan 2021

36	P V N D K Kishore	Deep Learning and Its Applications	LakireddyBalireddy College of Engineering	Online	15th- 20th June 2020/ 6 Days
37	K V Bala Rama Krishna	Deep Learning and Its Applications	LakireddyBalireddy College of Engineering	Online	15th- 20th June 2020/ 6 Days
38	Marukurthi Sai	Deep Learning and Its Applications	LakireddyBalireddy College of Engineering	Online	15th- 20th June 2020/ 6 Days
39	T Krishna Mohana	MATLAB& Simulink in Engineering Education	APSSDC	Online	10th- 11th June,2020
40	P Bhupa Reddy	Recent Advances in Communication & Signal Processing	Aditya College of Engineering	Online	24th- 29th Aug,2020

Academic Year 2019-20

S.No.	Name of the faculty	Name of the Event	Name of the organizer	Place/ Location	Dates/Duration
1	Kalesh Busa	Twelve Days Skill Enrichment Program On Internet Of Things	Aditya Technical Hub	Surampalem	2019/12days
2	Kalesh Busa	Database Design And Programming With Sql	Oracle	Surampalem	2019/7days
3	Dr.G.Jaffino	Internet of Things and its Applications	SRM Valliammai Engineering College, Chennai.	Online	26th – 31st October 2020/ 6 Days
4	M.Venkateswarlu	Machine Learning and Evolutionary Computing	Aditya Engineering College	Surampalem	8th-9th June,2019
5	M.Venkateswarlu	Image and Speech Processing	Aditya College of Engineering & Technology	Surampalem	15th-19th Oct, 2019
6	T.K.Mohana	FDP on Internet Of Things	ACETL	Surampalem	6th-8th June 2019
7	K.Mahesh Babu	Recent Research Trends in Signal Processing	AEC	Surampalem	23rd-27th April 2019

Academic Year 2018-19

S.No.	Name of the faculty	Name of the Event	Name of the organizer	Place/ Location	Dates/Duration
1	M.Venkateswarlu	Recent Research trends in Signal Process	Aditya Engineering College	Surampalem	23rd-27th Apr,2019
2	K.ChandraSekhar	Macine Learning &Evolutionary	Aditya Engineering College	Surampalem	8th-9th June 2018
3.	K.V.Balaramakrishna	Recent Trends in Signal Processing	Aditya Engineering College	Surampalem	23rd-27th Apr,2019

Table F: List of NPTEL Courses Certification

S.No	Name Of The Faculty	Name Of The Course	Dates/Duration	Equivalent Fdp Days	Year
1	K.V. Balaramakrishna	Analog Circuits	Mar 2019/8 Week	1	2019
2	U.S.B.K. Mahalakshmi	Digital Circuits	Jul-Oct 2019/12 Week	1.5	2019
3	Jhansi Pandiri	Microprocessor And Microcontroller	Mar 2019/8 Week	1	2019
4	Sugandhi Naidu Y	Microprocessor And Microcontroller	Mar 2019/8 Week	1	2019
5	Kalesh Busa	Microprocessor And Microcontroller	Mar 2019/8 Week	1	2019
6	Kalesh Busa	DE	Mar 2019/8 Week	1	2019
7	Kalesh Busa	MPI	Jan-Apr/ 8 Week	1	2020
8	Kalesh Busa	Academic Writing	July-Oct/15 Week	2	2019
9	P. Ramesh	Pcs-1	Jan-Apr/ 12 Week	1.5	2019
10	P. Ramesh	Microprocessor And Microcontroller	Jan-Apr/12 Week	1.5	2020
11	P. Ramesh	Digital Circuits	Jul-Oct 2019/12 Week	1.5	2019
12	B. Jagadeesh Babu	Microprocessor And Microcontroller	Jan-Apr/12 Week	1.5	2020
13	B. Jagadeesh Babu	Digital Circuits	Jul-Oct 2019/12 Week	1.5	2019
14	B. Jagadeesh Babu	Digital Electronics Circuits	Jan-Apr/12 Week	1.5	2019
15	M. Sai	Digital Circuits	Jul-Oct 2019/12 Week	1.5	2019

16	Dr.G.Jaffino	Digital Image Processing	Jul-Oct 2019/12 Week	1.5	2019
17.	M.Venkateswarlu	Principals Of Communication Systems-I	Jan-Apr/12 Week	1.5	2019
18	M.Venkateswarlu	Principals Of Signals And Systems	Jan-Apr/12 Week	1.5	2019
19	K.V. Balaramakrishna	Principals Of Communication Systems-I	Jan-Apr/12 Week	1.5	2019
20.	G. Veerapandu	Digital Electronics	Jul-Oct 2019/12 Week	1.5	2019
21	G. Veerapandu	Digital Electronic Circuits	Jan-Apr/12 Week	1.5	2019
22	G. Veerapandu	Fiber Optic Communication Systems & Techniques	Jul-Oct 2018/12 Week	1.5	2018
23	G. Veerapandu	Outcome Based Pedagogic Principles For Effective Teaching	Jul-Oct 2018/12 Week	1.5	2018
24	G. Veerapandu	Principals Of Communication Systems-I	Jan-Apr/12 Week	1.5	2019
25	G. Veerapandu	Principals Of Signals And Systems	Jan-Apr/12 Week	1.5	2019
26	K. Chandrasekhar	Analog Communication	Jul-Oct 2018/12 Week	1.5	2018
27	K. Chandrasekhar	Ldpc And Polar Codes In 5g Standard	Jan-Feb2019/4 Week	0.5	2019
28	K. Chandrasekhar	Principles Of Modern Cdma/Mimo Ofdm Wireless Communications	Aug-Oct 2019/8 Week	1	2019
29	K. Sangeeth Kumar	Fundamentals Of Semiconductor Devices	Jan-Apr/12 Week	1.5	2020
30	T. Krishnamohana	Digital Circuits	Jul-Oct 2019/12 Week	1.5	2019
31	K.Mahesh Babu	Principals Of Communication Systems-I	Jan-Apr/12 Week	1.5	2019
32	K.Mahesh Babu	Fundamentals Of Semiconductor Devices	Jan-Apr/12 Week	1.5	2019

C. Instructional Materials

S No.	Name of the faculty	Name of the Course	Theory/ Lab/add on/ others	Targeted audience	Printed / online
1	Dr.G Rama Krishna	EDC	Theory	II ECE	Printed
2	GeesalaVeerapandu	LICA	Theory	III ECE	Printed
3	Dr.G.Meenakshisundaram	RS	Theory	IV ECE	Printed
4	Dr.R.Raman	CN	Theory	IV ECE	Printed
5	Dr.Utla.S.B.K.Mahalaxmi	RS	Theory	IV ECE	Printed
6	Dr.G.Jaffino	LICA	Theory	III ECE	Printed
7	M. Kishore Kumar	CAO	Theory	III ECE	Printed
8	P. Ramesh	ESS	Theory	IV ECE	Printed
9	M. Venkateswarlu	SS	Theory	II ECE	Printed
10	MandipudiRaghunath	DC	Theory	III ECE	Printed
11	Ketha Mahesh Babu	LICA	Theory	III ECE	Printed
12	Y Sugandhi Naidu	DICA	Theory	III ECE	Printed
13	B JagadeeshBabu	PDC	Theory	III EEE	Printed
14	P.V.N.D. K. Kishore	DC	Theory	III ECE	Printed
15	KaleshBusa	STLD	Theory	II ECE	Printed
16	K.V.Balaramakrishna	OC	Theory	IV ECE	Printed
17	K. Chandra Sekhar	RVSP	Theory	II ECE	Printed
18	M.Sai	DIP	Theory	IV ECE	Printed
19	T. Krishna Mohana	SS	Theory	II ECE	Printed
20	K. Sangeet Kumar	AWP	Theory	III ECE	Printed
21	P.Bhupa Reddy	RVSP	Theory	II ECE	Printed
22	ChavvakulaJanaki Devi	EDC	Theory	II ECE	Printed
23	M. MadhuManikya Kumar	ES	Theory	IV ECE	Printed
24	K.Suma	ESS	Theory	IV ECE	Printed
25	K.VijayaKumari	AWP	Theory	III ECE	Printed
26	P. Mamathadevi	STLD	Theory	II ECE	Printed
27	T. Phanimala	MPMC	Theory	IV ECE	Printed
28	Dr.R.RAMAN	PDC	Lab	III ECE	Printed
29	Dr.InamulHussain	VLSI	Lab	III ECE	Printed
30	M. Venkateswarlu	DSP	Lab	IV ECE	Printed
31	Y Sugandhi Naidu	DICA	Lab	III ECE	Printed
32	B JagadeeshBabu	EWS	Lab	I ECE	Printed
33	P.V.N.D. K. Kishore	DC	Lab	III ECE	Printed
34	KaleshBusa	STLD	Lab	II ECE	Printed
35	K.V.Balaramakrishna	MWE & OC	Lab	IV ECE	Printed
36	M.Sai	AC	Lab	II ECE	Printed
37	T. Krishna Mohana	LICA	Lab	III ECE	Printed
38	K.Suma	DLD	Lab	I IOT	Printed
39	P.Mamatha Devi	ECA	Lab	II ECE	Printed
40	T.Phani Mala	MPMC	Lab	III ECE	Printed
41	S.Siva Prasad	EDC	Lab	II ECE	Printed
42	K.HimaBindu	BEDC	Lab	II EEE	Printed

D. Working Models

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Academic Year 2021-22

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S. No.	Name of the faculty	Title of the working models	Total Cost	Collaborated agencies	No. of faculty/ student involved	Remarks
1	K. Suma G. Nissi Evangelin	Smart Farming system using IoT for efficient Crop Growth	15,000	--	4	Completed
2	Kiran Venneti	Design of E-Bike for sustainable transportation with automated tracking	16,000	--	4	Completed
3	P.Ramesh	Intruder detection & Send a Captured Image to gmail	20,000	--	4	Completed
4	P.BhupaReddy P Dedeepya	IoT based smart and affordable automatic contact less temperature checkup and mask detection	15,000	--	4	Completed
5	Y.Sugandhi Naidu	Footstep based power generation using Piezo & multiple load control using Android App & Bluetooth technology	10,000	--	4	Completed
6	K. Vijaya Kumari	Design of an Intelligent Management system for Agricultural Green house based on IoT	10,000	--	4	Completed
7	M. Madhu manikya kumar	Image Processing based Fire Detection using Raspberry Pi	20,000	--	4	Completed
8	Kalesh Busa	Emergency Rescue System using Sensor & Machine Learning Algorithm	20,000	--	4	Completed
9	Kiran Venneti	Design of IoT development board using Arduino and its Applications	30,000	--	4	Completed
10	T.Phanimala	IOT based Coal Mine Safety Monitoring & Alerting System	10,000	--	4	Completed
11	M. Madhu manikya kumar	Raspberry Pi Air and Noise pollution Monitoring system over IoT	20,000	--	4	Completed
12	P.Jhansi	Smart Transformer Performance using IoT	12000		4	Completed

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Sl. No.	Name of the Faculty	Title of the Working models	Total cost	Collaborated agencies	No of faculty /student involved	Remarks
1	Dr.G.Jaffino	Automatic accident intimation device using IOT	20,000	DST Texas Instruments	4	Completed
2	Dr.G.Jaffino	IOT based smart water usage monitoring and fault detection device	20,000	DST Texas Instruments	4	Completed

Academic Year 2018-19

Sl. No.	Name of the Faculty	Title of the Working models	Total cost	Collaborated agencies	No of faculty /student involved	Remarks
1	Mrs.P.Jhansi	Wireless black box using MEMS accelerometer using GPS tracing accidental monitoring of vehicles	10,000	-----	4	----
2	Mr.G.Veerapandu	Smart Helmet using GPS & GSM for accident detection and reporting system	15,000	----	4	-----
3	Mr.K.Mahesh Babu	Voice controlled electrical appliances by using arduino and blue tooth module	10,000	----	4	----

5.7.4 Consultancy (from Industry) (5)

Institute Marks: 0.00

2021-22 (CAY)

Project Title	Duration	Funding Agency	Amount

305

2020-21 (CAYm1)

Project Title	Duration	Funding Agency	Amount

2019-20 (CAYm2)

Project Title	Duration	Funding Agency	Amount

2018-19 (CAYm3)

Project Title	Duration	Funding Agency	Amount

Cumulative Amount (X+Y+Z) = 0.00

5.8 Faculty Performance Appraisal and Development System (FPADS) (30)
Institute Marks: 30.00

Institution's Performance Appraisal System for teaching and Non-teaching staff:

The success of any Educational Institution depends on the quality of its staff- both Teaching and Non-teaching. Together they play a significant role and are the backbone of the Institution. Institutions cannot achieve their goals "Vision and mission" without them. To achieve the targets, the staff need to be motivated towards their work. The Performance Appraisal (PA) is one of the performance management tools that are widely used to measure the productivity of staff in different contexts.

Performance appraisal for teaching staff

The faculty appraisal is undertaken with following objectives:

- To assist teachers in their professional development and career planning.
- To assist teachers to reflect about their potential and to carry out their duties more effectively
- To provide judgment to support promotions
- To provide feedback to staff about their behavior, attitudes, skills or subject expertise
- To recognize the achievements of teachers and help them to identify ways of improving their knowledge, skills, attitudes and ultimately performance.
- To improve the quality of education for students

In short, it would be utilized as a tool to facilitate growth, development, efficiency and effectiveness of the teaching-learning process in the Institution.

Name, qualifications, experience, subjects taught, results, feedback of the students, pass percentage, mentoring, discipline, conferences/workshops attended, books published, research publications in conferences and journals, administrative responsibilities taken along with the remarks of HOD and the Principal will be considered for the appraisal of teaching staff.

Performance appraisal for non-teaching staff:

The employee appraisal is undertaken with following objectives:

- To assist employees to reflect about their potential and to carry out their duties more effectively
- To provide feedback to staff about their behavior, attitudes, skills or subject-expertise
- To recognize the achievements of employees and help them to identify ways of improving their knowledge, skills, attitudes and ultimately performance.
- To assist employees in their professional development and career planning.

In short, it would be utilized as a tool to facilitate growth, development, efficiency and effectiveness of the administration and facility management process in the institution. Name, qualifications, experience, discipline and responsibilities taken along with the remarks of Lab In charge and HOD will be considered for the appraisal of non-teaching staff

The process of appraisal comprises of two parts:

1. Self-appraisal format to be filled by every non-teaching faculty
2. Appraisal by Lab In charge and & HOD

Appraisal formats are asked to fill-in by the staff members for self-evaluation and HOD will interact with every employee and remarks will be posted and forwarded to the Principal for evaluation. Final evaluation will be carried out by the panel consist the Management representative, the Director and the Principal and appraisal will be made in terms of increment/promotion based on the final evaluation.

Department of Electronics and Communication Engineering is committed to move on the path of excellence with a clear vision for quality of education and research. The progress of any department is determined by the quality of its faculty, their research contributions, academic achievements and consistent development. The department provides full freedom to the faculty members in performing academic work within a framework along with their personal targets. The department periodically reviews the faculty performance to ensure the following:

- The work done by faculty is in tune with the Vision and Mission of the Department.
- The faculty continuously benchmark against the best in the world and set high standards of teaching and research.
- The department rewards high performers and motivates under performers.

In order to focus on the delivery by the faculty in different activities, our college has very specific framework for the Faculty Performance Appraisal and Development System (FPADS). Under this annual appraisal system, all the faculty of the department are expected:

1. To teach in the academic programmes of the department
2. To guide the students in the Undergraduate and Postgraduate projects
3. To carry out research, publish papers in scholarly journals and to bring different research grants from national agencies.
4. To organize national / international workshops / seminars / conferences /FDP/STTP
5. To undertake consultancy assignments.
6. To undertake department building activities

In order to attain these objectives as per the vision and mission of the ECE department, some broad dimensions are monitored for appraisal and development. Those are:

1. Quality Assurance

For emphasizing quality in all endeavors, the following broad criteria are monitored:

A. **Academic Programmes**
- Innovation in Pedagogy
- Development of new courses material
- Anonymous Students' feedback system and corrective measures
- Examination and evaluation duties assigned by the University or attending the examination paper evaluation.

B. **Research Publications**
- National / International (in SCIE/SCOPUS Referred Journals)
- Books / Book Chapters in reputed Publishing house

C. **Doctorate Faculty**
- Supervisor of PhD Programme in associated University

D. **Workshops / Seminars / Conferences**
- Coordinator of the Programme
- Members of the Programme
- Participant's feedback

E. **Training Programme**
- Innovation in pedagogy
- Participants' feedback

F. **Departmental building activities**
- Member of Various Committees of the College
- Co-coordinator of Various activities of the Department
- Administrative responsibilities such as Head/ Chairperson /Dean/ Co-coordinator, Warden etc.

G. **Student related co-curricular**
- Field-based Activities
- Students' Clubs,
- Career Counseling,
- Study Visits, Student's Seminars and other Events,
- Cultural,
- Sports,
- NCC,
- NSS and community service

2. Incentives for the Faculty Members

In order to do fair and progressive appraisal, we have been following a very healthy R & D Policy to award or reward the respective faculty for his/her contribution. These guidelines motivate the faculty members to do research and attain their respective target as per their credential. The R & D Policy is given below:

A. **Incentives for publications**

International Journal with IF > 8 or H-Index> 150	Rs. 30,000/-
International Journal 5 < IF < 8 or H-Index 100< HI < 150	Rs. 25,000/-
International Journal 2 < IF < 5 or H-Index 50 < HI < 100	Rs. 20,000/-
International Journal 0.5 < IF < 2 or H-Index 25 < HI < 50	Rs. 15,000/-
International Journal ,IF< 0.5 or H-Index HI < 25	Rs.10,000/-
International Journal (Scopus Indexed)	Rs. 10,000/-

International Journals (WOS Indexed but not in Scopus)	Rs. 5,000/-
UGC Indexed Journal (Only for English and Mgmt. Studies)	Rs. 2,000/-
Scopus Indexed International Conference Registration (Max.)	Rs. 10,000/-
Incentive - after the Conference paper is indexed in Scopus	Rs. 7,500/-
National Conference Registration Fee (Max.)	Rs. 4,000/-

B. Publishing Text Book

Publishing Text Book	Rs. 20,000/- (International Edition by top20 Publishers in the world)
	Rs. 10,000/- International Edition - published
	Rs. 10,000/- After the book is Indexed in Scopus
	Rs. 10,000/- After the book is Indexed in Scopus
Book Chapter in Scopus Indexed International Editions	Rs. 10,000/-
Publishing Book Chapters in Non-Scopus Editions	Pro rata basis
Publishing an article in a Magazine	Rs. 2,000/-

Guidelines for publications:

1. Impact Factor should be given by Thomson and Reuter /Clarivate
2. 20% amount will be allocated for citing three papers published by faculty of Aditya Group of Engineering Colleges or self citations.
3. Compulsory citation of 3 papers of Aditya Group in IF Journals in some cases may be exempted based on the recommendations of the Incentive Committee. Committee will investigate on case to case basis and recommend for exemption.
4. H- Index of Conference Proceedings will not be considered.
5. International or National Conferences should be organized by NIT/ IIT/ Central or State University / Deemed University / Research Laboratories / Reputed Institutes with Autonomous Status with NAAC / NBA Accreditations.
6. NAAS Score of the Journal will be considered in place of Scopus for the Publications made by the faculty of Agricultural Engineering Department.
7. Faculty who publish Scopus Indexed Conference papers with a group of UG students may be paid registration fee. Incentive will not be paid.

C. Incentives for Patents:

Patent –**National**(Publication)	Rs. 10,000/-
National(Awarded)	Rs. 10,000/-
Patent –US Patent	Rs. 30,000/-

D. Incentives for Funded projects / Grants :

Award of Grant for Conf / Workshop/Seminar	5% of the grant
Funded research project where equipment is not involved	10% of the grant
Funded projects where equipment is involved	15% of the grant
MODROBS (Amount >5Lakhs)	Rs.25,000/-
MODROBS (Amount <5Lakhs)	Rs.20,000/-

E. Incentives for Consultancy Projects

1. To encourage consultancy work from the faculty, AGEC announces a policy wherein the faculty can claim 100% of the amount charged under the consultancy work up to 5 Lakhs. This is subject to the following conditions:
   a. Aditya faculty alone should be the sole Principal Investigator (PI) of the consultancy work and he should get the project on his own without taking any support from the Institute.
   b. The said consultancy work should be undertaken after the approval of the Head of the Institute and the agreement should be undertaken ACE and the concerned third party.
   c. The payment for the consultancy work should be credited to AEC which will further be passed on to the faculty as 100%Incentive.
   d. The expenses incurred for project personnel / technician, contingencies, travel, consumables, stay, food, overheads and other costs should be borne from the consultancy amount. Institute will consider the time spent for attending the project as on duty (OD) and pays full salary to support consultancy work. The PI will be permitted to take up the project which can be carried out at Campus or at client location.
2. The faculty will be eligible for 75% of the revenue generated after deducting all the expenses from consultancy amount, if the total value of consultancy amount is above 5Lakh.
3. If any equipment or infrastructure is needed for executing any consultancy project, the decision for the purchase or lease for the same will be decided based on approval/suggestions from the R&D committee and Head of the Institute. The Incentive rules for such kind of projects will be separate and will be decided during the pre-approval meeting with the Head of the Institute.
4. If any consultancy project is executed with the equipment or facility sponsored by the Institute through its R&D seed grant or other funds, the Principal Investigator will be paid 50% of the revenue generated through the project after deducting all the expenses incurred as mentioned in1(d).

5. If a Consultancy project is assigned to any faculty from the Institute or with the support of the Institute, the Principal Investigator will be paid 40% of the revenue generated through the project as incentive after deducting all the expenses incurred as mentioned in 1(d) by the Institute. 60% of the revenue retained by the college will be used for the development of the concerned laboratory or department infrastructure.

6. The consultancy works in which faculty receives 100% of the generated revenue as incentive, will be considered as research and development activity and is not counted for appraisal or for any other incentive.

7. The maximum number of 6 working days will be allowed for attending consultancy project at client location within India on OD. Extension beyond this period has to be approved by the Head of the Institute with prior notice of 2 working days.

3. Research Targets For Various Caders in a Given Academic Year

	Professor	Max Mark	Doctorate (Associate Prof or Assistant Prof)	Max Mark	Non Doctorate with Exp> 8	Max Mark	Non Doctorate with Exp< 8	Max Mark
GROUP-A								
SCI Journals with IF	One Journal = 2	10	One Journal = 3	9	One Journal = 4	8	One Journal = 4	8
Scopus Journal (Q1-Q3)	One Journal = 1	5	One Journal =1	5	One Journal = 2	6	One Journal = 2	6
Scopus Journal (Q4)	Not applicable	0	Not applicable	0	One Journal = 1	2	One Journal = 2	2
	Minimum = 3		**Minimum = 3**		**Minimum = 2**		**Minimum = 2**	
GROUP-B								
Patent	Filed =1 Awarded=3	3	Filed =1 Awarded= 3	3	Filed =2 Awarded= 4	4	Filed =2 Awarded= 4	4
Conf./WS/FDP organized or Resource person for FDP/WS	One Conf./WS= 1	2	One Conf/WS 1	2	One Conf./WS 2	2	One Conf./WS = 2	2
Int Conf. Paper	One Conf. = 1	1	One Conf. = 1	1	One Conf. = 2	2	One Conf. = 2	2
	Max. Cutoff: 4		**Max. Cutoff: 4**		**Max. Cutoff: 6**		**Max. Cutoff: 6**	
GROUP-C								
Books	Nat. Edition =2	4	Nat.	4	Nat.	4	Nat.	4

	Int. Edition = 4		Edition =2 Int. Edition = 4		Edition =2 Int. Edition = 4		Edition =2 Int. Edition = 4	
R&D Project (Sanctioned/Submitted)	One R&D Sub = 1 One R&D Award= 3	6	One R&D Sub= 1 One R&D Award= 3	6	One R&D Sub= 1 One R&D Award= 3	6	One R&D Sub= 1 One R&D Award= 3	6
Consultancy	Work<1 Lakh = 1 Work >1 Lakh = 2	4	Work<1 Lakh = 1 Work >1 Lakh = 2	4	Work< 1 Lakh = 1 Work > 1 Lakh = 2	4	Work < 1 Lakh =1 Work > 1 Lakh =2	4
Workshops attended	Not Applicable	0	Not Applicable	0	One WS = 0.5	1	One WS = 1	2
FDP attended	Not Applicable	0	Not Applicable	0	One FDP = 1	2	One FDP = 1	2
	Max. Cutoff: 6		**Max. Cutoff: 6**		**Max. Cutoff: 6**		**Max. Cutoff: 6**	
Total Points Expected from **(Group A+B+C)**		10		10		10		10

Guidelines for Implementation of Research Policy:

1. All faculty should obtain Minimum Points specified in Group A except faculty of Department of English and Department of Management Studies. Research publications are mandatory in all cadres.
2. Faculty working in administrative posts can be given 4 Points exemption in Group B or C.
3. If faculty publishes Scopus papers beyond the expected number, that can be used to substitute points in Group B and Group C.
4. All Doctorates should get 3 Points in Group A and Non-doctorate faculty should get 2 Points in Group A.
5. At least one Science Indexed Journal Paper is expected from Doctorate faculty in two years.
6. All Doctorates should achieve minimum 5 Points out of 10 and Non-doctorate faculty should get 3 points out of 10 every year.
7. Those faculty who get zero points may be terminated by the last week of April every year. Non-Doctorate faculty those who fail to get minimum 3/10 points and Doctorate who fails to get minimum of 5/10 points in the annual targets, may be given a chance of one more year to continue subjected to their satisfactory performance in academics. If he/she fails to get minimum points in the subsequent year also, he/she will beterminated.
8. Faculty who get 10/10 points will get reimbursement of registration fee, actual expenses for making paper presentation in the International Conference abroad to a maximum of Rs.1, 00,000/- against submission of bills. (Airfare by economy class and accommodation booking will be made by office)

9. The Department in which more than 25% faculty get 8/10 points will be given Rs. 10 Lakhs for the development of research facilities in the Department.

10. Faculty who publish papers with UG students directly or as a part of Research Incubation Project, may be given 50% weightage in the allotted points.

11. Research Points will be given for presenting papers in National Conferences and publishing in National Journals only for Basic Sciences, Humanities & Management Faculty. 1 Point will be given for Non-doctorates and 0.5 for Doctorates for publishing in this category (Max. Limit - 3 points)

12. All Faculty of Engineering Departments should publish papers in Scopus Indexed Conferences/Journal to get incentive as well as points.

13. Publication in Journals indexed by WoS but not in Scopus & ESCI may be given 1 point for 'Non-doctorates with less than 8 years experience' and 0.5 point for 'Non-doctorates with greater than 8 years' experience'.

14. When papers are published jointly by faculty of two different cadres, points may be awarded on pro rata basis.

15. Mining Engineering, Agri and PT faculty may be awarded double the points as there are less number of workshops/FDPs organized for them.

16. When a faculty of the same college / different colleges of the Aditya Group collaborate and publish papers, while claiming the incentive itself, all the authors should mention each author's contribution. If the contribution of any of the authors belonging to Aditya Group is Zero, in that case, he/she will not get any points.

17. If the collaboration is between faculty of the same College of the Aditya Group, then the total points allocated to it becomes 50% more. If the collaboration is between faculties of any two colleges, of the Group, then also total points allocated will be increased by 50%. In any case, the total points allotted for a particular publication cannot be increased beyond100%.

18. First author will get 100% points and remaining is shared among the other authors. If they declare that, they have equally contributed, then, they all get equal share.

19. Collaborative publications with reputed organizations like IITs, NITs and IISc faculty, will get 50% more points. The publication must be done with the Faculty of NIT/IIT but not with the research scholars.

20. In case of collaborative publications with other Institutes, if Aditya Faculty is the first author, he/she will get 100% points. Other than first author, up to 5th author, he/she will get 50% of allotted points.

21. For all papers only up to 4th author will be considered for the award of points except one case. i.e., only when, the publication requires huge amount of expenditure with respect to purchase of materials and for testing and involving more human effort, 5th author also may be considered.

The following is the faculty assessment form:

ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956
Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

FACULTY SELF ASSESSMENT FOR THE ACADEMIC YEAR:

1. General Information:

    (a)   Name in full   :
                    (in block letters)

    (b)   Department   :

2. Academic Qualifications:

Qualification	Year of passing	Institution
UG :		
PG :		
Ph.D :	–	–

    (a)   Additional Qualifications /   :
               Fellowships/Memberships/certificate courses

    (b)   Area of specialization, if any   :

    (c)   Date of Joining   :

    (d)   Present designation and date of

             Appointment to that designation   :

3. Experience :

    (a)   Industrial experience if any   :

    (b)   Teaching experience total   :

Name of the college	From (Date/Month/Year)	To (Date/Month/Year)	Experience in years

4. Subjects Average Pass Percentage: (Max. 20 Marks)

S. No	Subject Name	Year-Sem-Branch-Sec	No. of students appeared (A)	Passed (B)	Pass Percentage (B/A*100)	Average %	Self-Assessment Marks
					>=75 - 20		
					>= 70&<75 -15		
					>=60&<70 -10		
					>=50&<60 - 5		
					<50 - 0		

5. a) Proctoring Students Average pass percentage:

S.No	No.of students allotted for proctoring	Year-Sem-Branch-Sec	No.of students eligible for end exams (A)	No.of students passed (B)	Pass percentage (B/A)*100	Average %	Self Assessment Marks
1							
2					>=70 - 20 >=65&<70 - 15 >=60&<65 - 10 >=55&<60 - 5 <55 - 0		
3							

5. b) Additional responsibilities in the Department / College (Marks to be allotted by HOD)

S. No	Responsibility	Assigned by	Duration	Assessment Marks
1				
2				
3				
4				

6. Student feedback: (Theory subjects only)

S.No	Year-Sem-Branch-Sec	Subject Name	No. of students	Percentage	Average %	Self Assessment Marks
1						
2						
3						>=90 - 20 >=85&<90 - 15 >=80&<85 - 10 >=75&80 - 5 <75 - 0
4						
5						
6						

7. a) Research Publications and Academic Contributions:

S. No	Type of Research Papers	No. of Papers	Maximum Self Assessment Marks	Obtained Self Assessment Marks (Maximum Marks 20)
1	1 Scopus/SCI indexed papers/Chapters/Book		5	
2	1 National/International Journals(Non Paid)		3	
3	1 Reputed journal/conference Papers		1	
4	1 Patent with college as applicant		3	

a) Scopus/SCI indexed papers :

S. No	Journal details and title with Page No's	ISSN/ ISBN No./ SCOPUS No.	Whether peer reviewed impact Factor, if any	Specify Author 1/ Author 2 / Author 3
1				

b) National /International Journals(Non Paid) :

S. No	Journal details and title with Page No's	ISSN/ ISBN No./ SCOPUS No.	Whether peer reviewed impact Factor, if any	Specify Author 1/ Author 2 / Author 3
1				

c) Reputed Conference Papers :

S. No	Title with Page No's	International / National Conference	Details of Conference	Specify Author 1/ Author 2 / Author 3
1				

d) Journal / Conference Papers :

S. No	Title with Page No's	International / National Journals Conference	Details of Journal / Conference	Specify Author 1/ Author 2 / Author 3
1				

e) Chapters / Books :

S. No	Title with Page No's	Publisher	ISSN/ ISBN No.	Specify Author 1/ Author 2 / Author 3
1				

7. b) Workshops, Teaching-Learning-Evaluation Technology Programs, and Faculty Development Programs: STTP (Short term training programs) attended

S.No	Program	Duration	Date & Place	Organized by
1				
2				

8. Staff Appraisal – Points Earned:

Subjects Average Pass % (4)	Proctoring Students Average pass % Additional responsibilities in the Department / College 5 (a) & (b)	Students feedback % (6)	Research Publications and Academic Contributions (OR) Workshops / FDP / STTP etc. 7(a) & (b)	Total out of 80

Date: **Signature of Faculty**

Remarks of the HOD: Remarks of the Principal:

5.9 Visiting/Adjunct/Emeritus Faculty etc (10)

Institute Marks: 10.00

As per the policy of the institute, there is a provision of having visiting faculty who has vast experience in the area of specialization in which they share their knowledge and experience to the students, the faculty will present in the classroom by taking the attendance and tutorial for the topics taught by the visiting faculty. Retired Professors from academia and or industrial experts with vast experience are invited for this assignment.

Academic Year: 2021-22

S. No.	Name of the Visiting Faculty	Designation/ organization	Year & Semester	Subject Handled	No. of hours
1	Mr. G. Murali	Senior Engineer, ECIL Hyderabad	IV Year- II Sem	Wireless Sensor Networks	17
			II Year - I Sem	Electronic Devices Circuits	17
2	Dr. Ch. Srinivasa Rao	Principal, JNTUK Vizayanagaram	IV Year- I Sem	Digital Image Processing	18
			II Year - I Sem	Signals and Systems	18
TOTAL					**70**

Academic Year: 2020-21

S. No.	Name of the Visiting Faculty	Designation/ organization	Year & Semester	Subject Handled	No. of hours
1	Mr. G. Murali	Senior Engineer, ECIL Hyderabad	IV Year- II Sem	Wireless Sensor Networks	17
			II Year - I Sem	Electronic Devices Circuits	17
2	Dr.Ch. Srinivasa Rao	Professor, JNTUK Vizayanagaram	IV Year- I Sem	Digital Image Processing	18
			II Year - I Sem	Signals and Systems	18
TOTAL					**70**

Academic Year: 2019-20

S. No.	Name of the Visiting Faculty	Designation/ organization	Year & Semester	Subject Handled	No. of hours
1	Mr. G. Murali	Senior Engineer, ECIL Hyderabad	IV Year- II Sem	Wireless Sensor Networks	18
			II Year - I Sem	Electronic Devices Circuits	18
2	Dr. B.L. Deekshithulu	Retired Professor of ECE, NIT Warangal	IV Year - I Sem	Radar Systems	17
			III Year - I Sem	Antenna Wave Propagation	17
3	Yogesh Jadhav	Senior Lead Engineer, Qual Comm, Bangalore	IV Year – I Sem	VLSI	15
TOTAL					85

Academic Year: 2018-19

S. No.	Name of the Visiting Faculty	Designation/ organization	Year & Semester	Subject Handled	No. of hours
1	Mr. G. Murali	Senior Engineer, ECIL Hyderabad	IV Year- II Sem	Wireless Sensor Networks	15
			II Year - I Sem	Electronic Devices Circuits	16
2	Dr. B.L. Deekshithulu	Retired Professor of ECE, NIT Warangal	IV Year - I Sem	Radar Systems	15
			III Year - I Sem	Antenna Wave Propagation	17
3	Yogesh Jadhav	Senior Lead Engineer, Qual Comm, Bangalore	IV Year – I Sem	VLSI	15
TOTAL					78

6. FACILITIES AND TECHNICAL SUPPORT (80)   Total Marks: 80.00

6.1 Adequate and well equipped laboratories, and technical manpower   (30)

Institute Marks: 30.00

S. No	Name of the Laboratory	Number of students per setup (Batch Size)	Name of the Important Equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Communication Lab	3	1.DSO 2.Function Generators 3.AC &DC kits 4.CRO	90%	V.Revathi	Technician	Diploma
2	Electronic Devices and Circuits Lab	3	1.DSO 2.Function Generators 3.Regulated Power Supply 4.CRO	90%	K.Ch.Raj Kumar	Technician	ITI
3	IC Applications Lab	3	1.DSO 2.Function Generators 3.Regulated Power Supply 4.Bread board Trainer kits 5.CRO	90%	Y.N.S.Manisha	Technician	Diploma
4	Microwave Engineering and Optical Communications Lab	3	1.Microwave Bench Setup 2.Lazer Trainer kit 3. LED trainer Kits	90%	1.K.Murali 2.M. Satyanarayana	1.Technician 2.Technician	1.Diploma 2.ITI
5	Microprocessor Lab	1	1.8086 Microprocessor Trainer Kits 2.8051 Micro controller Trainer kits 3. Interfacing Kits 4.Kiel u vision 5.Mentor Graphics 6. Systems	70%	M. Venkanna	Technician	Diploma
6	Electronic Computer Aided Design (E-CAD) Lab	1	1. Xilinx Vivado 2. P-Spice simulation 3. Artix-7 4DDR Kits 4.Z Development Board 5. Systems	50%	M.Jagadeeswari	Technician	Diploma

	Digital Signal Processing (DSP) Lab	1	1.DSP starter kits 2.MATLAB 3. Systems	70%	B. Kanaka Durga	Technician	Diploma
7							
8	Project Lab	4	1.Systems 2.CRO 3. Function Generators 4.Soldering Rod 5.DC stepper Motors 6.Arduino Boards 7.Solar Panels 8.Ultrasonic Sensors 9.Relays 10.Buzzers 11.LCD Displays 12.GSM Module 13.RPS	60%	T.Ashok	Technician	B.tech
9	Industrial Supported Lab	4	1.Systems 2.CRO 3. Function Generators 4. RPS 5.Texas Kits	50%	K.Murali	Technician	Diploma
10	Research Lab		1.Systems 2. Cadence 3.Xilinx Vivado 4. MATLAB	60%	B. Subrahmanyam	Technician	Diploma

6.2 Additional facilities created for improving the quality of learning experience in laboratories **(25)**

Institute Marks: 25.00

S. No	Facility Name	Details	Reason(s) for creating facility	Utilization	Areas in which students are expected to have enhanced learning	Relevance to POs/PSOs
1	8051Development Kit	Onboard Sensors and LEDs	To study microcontroller program concepts	Open to utilize in working hours	Embedded Systems	PO1,PO3,PO5,PO9/PSO1
2	Zed Development Board	STM-5,USB-OTG	To study frontend programming concepts	Open to utilize in working hours	VLSI and Embedded Systems	PO1,PO3,PO5,PO9 /PSO1
3	Synchronous Detector	Model-HiQ-4107	To study modulation schemes	Open to utilize in working hours	Communications	PO1,PO3,PO5,PO9 /PSO1
4	Frequency Synthesizer	Model-HiQ-4109	To study PLL circuits	Open to utilize in working hours	Communications	PO1,PO3,PO5,PO9/PSO1

5	Squelch Circuit	Model-HiQ-4108	To analyze noise and signals	Open to utilize in working hours	Communications	PO1,PO3,PO5,PO9/PSO1
6	Digital Phase Detector	Model-HiQ-4113	To study PLL circuits	Open to utilize in working hours	Communications	PO1,PO3,PO5,PO9/PSO1
7	8251 and 8253 study cards(UART)	VBMB-004	To study frontend programming concepts	Open to utilize in working hours	Embedded Systems	PO1,PO3,PO5,PO9/PSO1
8	Elevator Interface	VBMB-22	To study frontend programming concepts	Open to utilize in working hours	Embedded Systems	PO1,PO3,PO5, PO9/PSO1
9	IC tester	MME-ADIT40	To determine the working condition of Analog and Digital ICs	Open to utilize in working hours	Analog and Digital Electronics	PO5/PSO1

6.3 Laboratories: Maintenance and overall ambiance (10)

Institute Marks: 10.00

S.No.	Name of the Lab	Area in sq.mt.	Periodic maintenance
1	Communications Lab	126.96	Weekly once
2	Electronic Devices and Circuits Lab	122.36	Weekly once
3	IC Applications Lab	111.32	Weekly once
4	Microwave Engineering and Optical Communications Lab	68.73	Weekly once
5	Microprocessor Lab	75.05	Weekly once
6	Electronic Computer Aided Design (E-CAD) Lab	73.47	Weekly once
7	Digital Signal Processing (DSP) Lab	73.47	Weekly once
8	Project Lab	48.19	Monthly once
9	Industrial Supported Lab	34.5	Monthly once
10	Research Center	56.764	Monthly once

Maintenance:
1. Regular checkup of equipment is carried out at the end of everyday by the lab technical staff.
2. Preventive maintenance is carried out to reduce the possibility of breakdown.
3. As per the requirement minor repairs are carried out by the lab technical staff.
4. Major repairs are out sourced.

A.Y: 2020-21

ADITYA COLLEGE OF ENGINEERING

(Affiliated to JNTUK, Kakinada), Surampalem, ADB Road, E.G.Dt

DEPARTMENT OF ECE
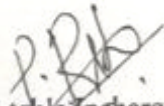
2nd Semester AY:2020-21

Lab Occupancy Chart   Room No:214

DAY	9:30-10:20	10:20-11:10	11:10-12:00	12:00-12:50	12:50-1:50	1:50-2:40	2:40-3:30	3:30-4:20
MON			AC(II ECE-D)				AC(II ECE-C)	
TUES			AC(II ECE-B)				AC(II ECE-D)	
WED			AC(II ECE-B)		LUNCH			
THU								
FRI			AC(II ECE-C)				AC(II ECE-A)	
SAT			AC(II ECE-A)				Maintenance	

S.No	Name of the Lab	Department	Faculty Name
1	Communcation Lab	ECE	Dr.R.Raman

Time-table Incharge   HOD-ECE

ADITYA COLLEGE OF ENGINEERING

(Affiliated to JNTUK, Kakinada and Approved by AICTE, New Delhi)
Recognized by UGC under section 2(f) and 12(B) of UGC act 1956
Aditya Nagar, ADB Road, Surampalem – 533 437

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1st Semester AY: 2021-22

DSP Lab Occupancy Chart   Room No: 206

DAY	9:30-10:20	10:20-11:10	11:10-12:00	12:00-12:50	12:50-1:50	1:50-2:40	2:40-3:30	3:30–4:20
MON							DSP LAB(IV ECE-D)	
TUES							DSP LAB(IV ECE-B)	
WED		DSP LAB(IV ECE-D)			LUNCH		DSP LAB(IV ECE-A)	
THU		DSP LAB(IV ECE-B)					DSP LAB(IV ECE-C)	
FRI		DSP LAB(IV ECE-C)						
SAT		DSP LAB(IV ECE-A)				MAINTENANCE		

Physical Lab Incharge:				Dr. Raman.R
DSP LAB	IV ECE A	Faculty Incharge	Dr. Raman.R
		Supporting Faculty	Mrs. M.Vidya
	IV ECE B	Faculty Incharge	Mr P.V.D.Kishore
		Supporting Faculty	Mr.M.Sai
	IV ECE C	Faculty Incharge	Dr.G.Jaffino
		Supporting Faculty	Mrs.P.Santhi
	IV ECE D	Faculty Incharge	Mr.M.Sai
		Supporting Faculty	Mrs.S.Saimatha Sailaja

LAB INCHARGE   HOD

Head of the Department
Electronics & Communications Engineer
Aditya College of Engineering
SURAMPALEM-533 437

IC Applications Lab	Microwave Engineering & Optical Communications Lab
Communication Lab	Electronic Devices & Circuits Lab

Microprocessor Lab	Electronic Computer Aided Design (E-CAD) Lab
Digital Signal Processing (DSP) Lab	

6.4 Project laboratories (5)

Institute Marks: 5.00

Project Laboratory (5)

1. The department is equipped with the project laboratory with area of 48.19sq.mts.

2. Project laboratory consists of well configured systems, IC's, breadboards, CRO, Function Generators, Soldering Rod , DC stepper Motors, Arduino Boards, Solar Panels, Ultrasonic Sensors, Relays, Buzzers , LCD Displays, GSM Module and RPS.

3. The facilities of this lab are utilized by the students to carry out their project works.

4. This lab is dedicated for projects with high configuration systems installed with software such as MATLAB, P-Spice, Xilinx Vivado, Mentor Graphics.

Project Lab

S.No.	Name of the faculty	Qualification
1	V. Kiran, Assist. Prof	M.Tech (Ph.D)
2	T.Ashok	B.tech

List of activities / projects done in this Project Lab:

A.Y. 2020-21

S.No.	Hall Ticket Number	Project Title	Name of the Guide
1	17MH1A0482	Foot Step Power Generation System by Using Piezo electric Material	G. Veerapandu
	17MH1A0496		
	17MH1A0494		
	17MH1A0477		
2	18MH5A0406	Remote Sensing Satellite Using Multiple Sensor, Microcontroller & Communication Using IoT Technology	K. Suma
	18MH5A0405		
	17MH1A0446		
	17MH1A0413		

A.Y.2021-22

S. No.	Hall Ticket Number	Project Title	Name of the Guide
1	18MH1A0407	Design of IoT development board using arduino and its applications	V. Kiran
	19MH5A0402		
	19MH5A0402		
	19MH5A0402		
2	18MH1A04C6	Smart Plug	M. Raghunath
	18MH1A04C9		
	18MH1A04D4		
	18MH1A04C4		

6.5 Safety measures in laboratories (10)

<div align="right">Institute Marks: 10.00</div>

S.No	Laboratory Name	Safety Measures
1	Communication Lab	1. General Rules of Dos and Don'ts are displayed in Laboratories. 2. Carefully follow the specifications of the device and equipment. 3. Check the wiring before turn ON the power. 4. Fire Extinguisher is provided. 5. First aid kit is provided.
2	Electronic Devices and Circuits Lab	1. General Rules of Dos and Don'ts are displayed in laboratory. 2. Check the wiring before turn ON the power. 3. A switch is provided in each supply circuit so that when opened, these switches will de-energize the entire setup 4. Fire extinguishers are provided 5. First aid kit is provided.
3	IC Applications Lab	1. General Rules of Dos and Don'ts are displayed in laboratory. 2.Investigate flickering lights 3. Check the wiring before turn ON the power. 4. Fire extinguishers are provided 5. First aid kit is provided.
4	Microwave Engineering and Optical Communications Lab	1. General Rules of Dos and Don'ts are displayed in laboratory 2.Beam Voltage should not exceed 270V 3. Reflected voltage should not exceed 300V 4. Carefully follow the specifications of the device and equipment. 5. Fire extinguishers are provided 6. First aid kit is provided.
5	Microprocessor Lab	1. General Rules of Dos and Don'ts are displayed in laboratory. 2. No external devices are to be connected without scanning. 3. Do not move/unplug/take anything apart from the system. 4. Systems are to be turned off once using is done. 5. Students should not attempt to repair, open, tamper or interfere with any of the computer, cabling or other equipment in the laboratory. 6.Fire extinguishers are provided 7.First aid kit is provided
6	Electronic Computer Aided Design(E-CAD)Lab	1. General Rules of Dos and Don'ts are displayed in laboratory.

		2. No external devices are to be connected without scanning. 3. Do not move/unplug/take anything apart from the system. 4. Systems are to be turned off once using is done. 5. Students should not attempt to repair, open, tamper or interfere with any of the computer, cabling or other equipment in the laboratory. 6.Fire extinguishers are provided 7.First aid kit is provided
7	Digital Signal Processing (DSP)Lab	1. General Rules of Dos and Don'ts are displayed in laboratory. 2. No external devices are to be connected without scanning. 3. Do not move/unplug/take anything apart from the system. 4. Systems are to be turned off once using is done. 5. Students should not attempt to repair, open, tamper or interfere with any of the computer, cabling or other equipment in the laboratory. 6.Fire extinguishers are provided 7. First aid kit is provided.
8	Project Lab	1. General Rules of Dos and Don'ts are displayed in laboratory. 2. No external devices are to be connected without scanning. 3.Machines are to be turned off once using is done 4.Fire extinguishers are provided 5.First aid kit is provided
9	Industrial Supported Lab	1. General Rules of Dos and Don'ts are displayed in laboratory. 2.No external devices are to be connected without scanning. 3. Machines are to be turned off once using is done 4. Fire extinguishers are provided 5. First aid kit is provided
10	Research Center	1. General Rules of Dos and Don'ts are displayed in laboratory. 2. No external devices are to be connected without scanning. 3.Machines are to be turned off once using is done 4.Fire extinguishers are provided 5.First aid kit is provided

7. CONTINUOUS IMPROVEMENT (50)   **Total Marks: 50.00**

Actions taken based on the results of evaluation of each of the POs & PSOs (20)

Institute Marks: 20.00

POs Attainment Levels and Actions for Improvement- (2020-21)

POs	Target Level	Attainment Level	Observations
PO 1 : Engineering Knowledge			
PO 1	2.49	2.49	Target Achieved
Action 1: Made students to practice more on fundamentals of semiconductor devices in EDC(C211) through NPTEL videos etc., Action 2: More exercises on solving Boolean expressions in STLD(C212) given to students for practice at home. Action 3:Focused on fundamentals of signals in SS(C213) and made students to practice. Action 4: More practice done by the students to improve problem solving skills in RVSP(C214) Action 5: Impose more examples to differentiate polymorphism concepts in Java(C215) Action 6: Additional lab hours are suggested for Designing the circuits for C02,C04 in EDC(C217) Action 7: Additional lab hours are suggested for understanding the logic circuits for C04 in STLD(C218) Action 8: Focused more on mathematical related fundamentals in ECA(C221) Action 9:Have to discuss and make students to practice more problems related to plots in LCS(C222) Action 10:More practice of difficult derivations should be revised upon completion of syllabus in AC(C224) Action 11:Imposing assignments on those circuits related to I/O organization will help students to remember and understand the deep concepts clearly in CAO(C225) Action 12: Additional lab hours are suggested to give clear idea about software tool in ECA(C227).			
PO 2 : Problem Analysis			
PO 2	2.35	2.48	Target Achieved
Action 1: More exercises on solving problems in EDC(C211) done by students Action 2: More exercises on solving problems in SS(C213) given to students for practice at home. Action 3: More exercises on solving problems in RVSP(C214) done by students Action 4: focused more on mathematical related fundamentals in ECA(C221) Action 5:Students worked out more on problems related to plots in LCS(C222)			
PO 3 : Design/development of Solutions			
PO 3	2.27	2.55	Target Achieved
Action 1: Focused more on programming concepts in oops through java(C215), Action 2 : Focused more on programming concepts in DSP(C324)			
PO 4 : Conduct Investigations of Complex Problems			
PO 4	2.14	2.5	Target Achieved
Action 1:More exercises on solving problems in DSP(C324) given to students for practice at home.			
PO 5 : Modern Tool Usage			
PO 5	2.15	2.56	Target Achieved

Action 1: Conducted more lab sessions in various laboratories such as ECA(C227),DSP (C418),VLSI (C327) ,DICA (C318) etc.,			

PO 6 : The Engineer and Society

PO 6	2.00	2.68	Target Achieved

Action 1: Made students to concentrate more on fundamental concepts in ES(C416) through online video platforms such as udemy , NPTEL etc., which helps the students to develop real time projects those can assist society and industries.

PO 7 : Environment and Sustainability

PO 7	2.07	2.29	Target Achieved

Action 1: More practice is done on old question papers in theoretical concepts for the subjects such as ESS(C415),ES(C416) etc.,

PO 8 : Ethics

PO 8	2.25	2.34	Target Achieved

Action 1: Conducted seminars to bring awareness on professional ethics

PO 9 : Individual and Team Work

PO 9	2.26	2.59	Target Achieved

Action 1:Conducted debate sessions and group discussions Action 2:Clearly assigned roles and responsibilities for every student in the activities such as Seminars(C425) and Projects(C426)

PO 10 : Communication

PO 10	2.29	2.5	Target achieved

Action 1: Training sessions are conducted on CRT and Soft skills vigorously by Technical Hub and can be continued.

PO 11 : Project Management and Finance

PO 11	2.33	2.32	Target Achieved

Action 1: Exposed students to the concepts of MOB(C226) by making them write assignments and class tests. Action 2: More exercises on solving problems related to account balance sheet in MEFA(C216) given to students for practice at home.

PO 12 : Life-long Learning

PO 12	2.12	2.43	Target Achieved

Action 1: Imposing more examples help them to differentiate polymorphism concepts in Java(C215) Action 2: Additional lab hours are conducted to understand the logic circuits for C04 in STLD(C218) Action 3: Additional lab hours give clear idea about software tool in ECA(C227). Action 4: Imposing assignments on the functionalities to students in BME(C325) Action 5: Make students to concentrate on NPTEL videos on Basic Concepts in courses such as ES(C416),VLSI(C323) etc.,

PSOs Attainment Levels and Actions for Improvement (2020-21)

PSOs	Target Level	Attainment Level	Observations

PSO 1: Apply concepts in Electronics & Communication Engineering to design and implement systems in the areas related to Communication, Image processing, VLSI, Antenna and Embedded systems.

PSO 1	2.42	2.56	Target Attained

Action 1:Mini and Major projects are designed and implemented by students, applying the concepts in courses such as Embedded systems(C416), VLSI(C323), Digital Image Processing(C412), Antennas(C315) etc., Action 2: Students are encouraged to participate in various national and international events such as workshops, paper presentations, webinars etc., related to Electronics and Communication Engineering

PSO 2 : Demonstrate proficiency in utilization of software and hardware tools related to Electronics & Communication technologies, while acquiring soft skills like persistence, proper judgment through projects and industrial interactions.

PSO 2	2.31	2.56	Target Attained

Action 1: High-end configured systems are provided with latest software tools to carry out real time projects by students Action 2: Core projects are carried out by the students using available hardware equipment. Action 3:Project(innovation) lab is established in collaboration with Texas instruments to bring out industrial interactions.

Academic Audit and actions taken thereof during the period of Assessment (10)

Institute Marks: 10.00

Academic audits are conducted as per ISO standards and consist both internal and external audits. Internal academic audit is conducted by the internal committee constituted by the Principal. Internal audit will be carried out by the internal committee by examining the academic records such as academic calendar, attendance registers of students and faculty members, laboratory manuals, student records, lesson plan, time tables, teaching load, question papers of internal and external assessments, laboratory facilities, functionality of equipment and maintenance, result analysis and other resources relevant to teaching-learning process. Audit reports are submitted to the principal and discussed for the actions to be taken, if any.
External audit is conducted by the committee with internal members along with the professor from affiliating university which is constituted by the principal. Audit reports are submitted to the principal for further actions, if any.

The actions initiated based on the audit reports are presented as sample for AY 2020-21:

INTERNAL AND EXTERNAL COMMITTEE REMARKS AND ACTION TAKEN:

S. No.	Remarks by Internal and external Committee	Action taken
1	Few students are not regular.	HoD advised to implement the mentoring and counselling system strictly and inform to the parents of irregular students and maintain a record.
2	Assignment books of few students are not found.	HoD enquired whether all the students are submitting assignments or not and advised the students to submit the assignments.
3	Progress of research publications in recent years is good	Incentives are introduced for paper publications to encourage the faculty to publish more papers in reputed journals.
4	Subjects such as EMWTL, AWP, RVSP ,SS and DICA found less pass percentage in semester results.	HoD implemented to conduct extra classes to increase the pass percentage.
5	5% of total students are reporting to classes late especially for the first hour of instruction.	HoD monitor the students and find the reason for late. Further informed to their parents
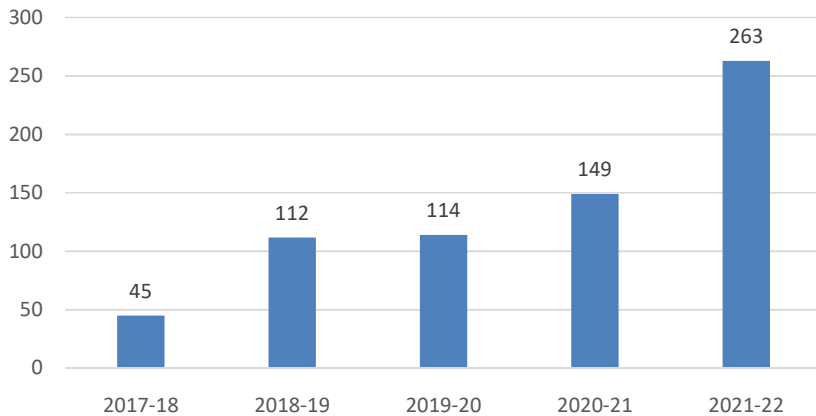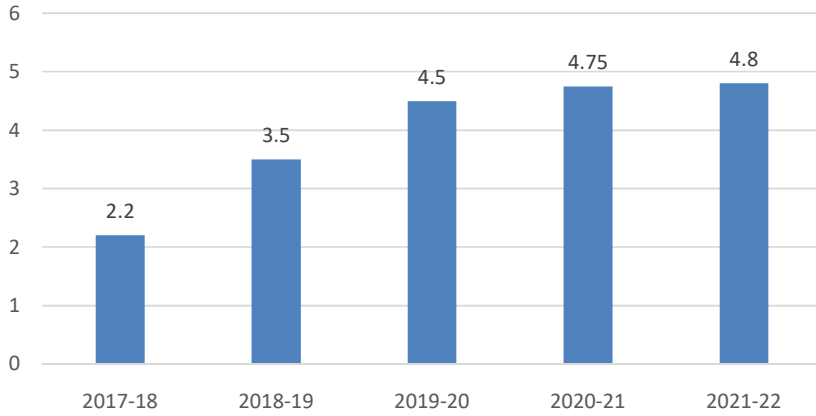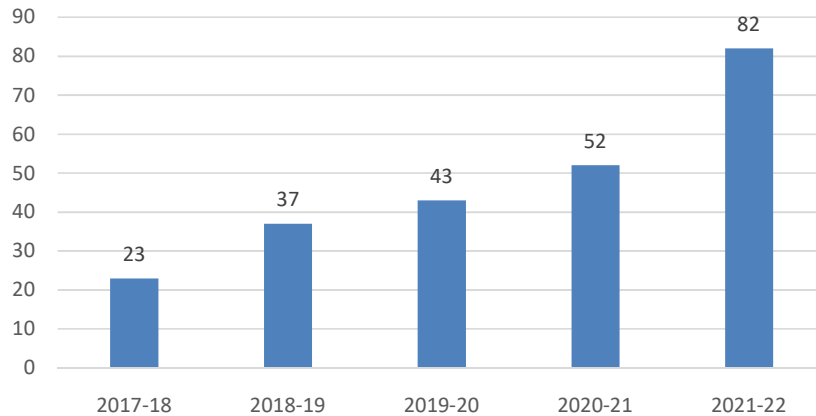
7.3 Improvement in Placement, Higher Studies and Entrepreneurship (10)

Institute Marks: 10.00

Placement Analysis

A. Y	No.of Companies Visited	No. of Companies Recruited	Avg CTC L.P.A	No.of Placements	No.of Core Companies	No.of IT and ITES Companies
2021-22	82	39	4.80	263	2	80
2020-21	52	29	4.75	149	3	49
2019-20	43	19	4.50	114	4	39
2018-19	37	14	3.50	112	1	36
2017-18	23	9	2.20	45	3	20

Placement Assessment and Trends
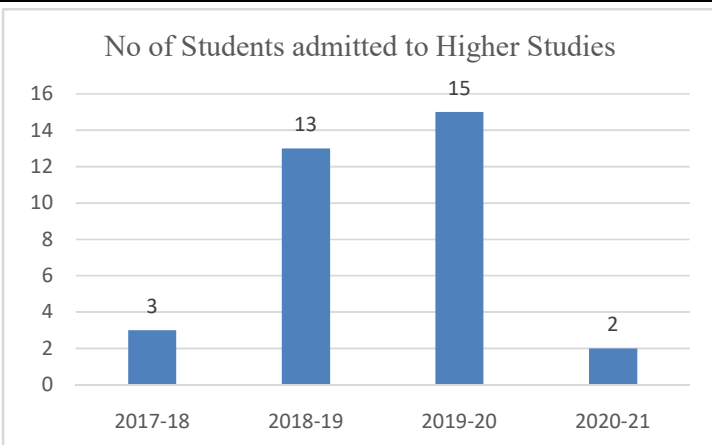
S.No.	Representation	Trend Description
1.	**No. of Placements** 2017-18: 45 2018-19: 112 2019-20: 114 2020-21: 149 2021-22: 263	There's been gradual increase in placements is observed from A.Y 2017-18
2.	**Avg CTC L.P.A** 2017-18: 2.2 2018-19: 3.5 2019-20: 4.5 2020-21: 4.75 2021-22: 4.8	Average CTC observed to be Increased from A. Y 2017-18.
3.	**No. Of Companies Visited** 2017-18: 23 2018-19: 37 2019-20: 43 2020-21: 52 2021-22: 82	There's been gradual increase in number of visiting companies over the past Five years.

4.	No. of Companies Recruited chart showing 2017-18: 9, 2018-19: 14, 2019-20: 19, 2020-21: 29, 2021-22: 39	Gradual increase in number of Companies Recruited form A. Y 2017-18 is observed.
5.	Bar chart showing No of Core Companies (2017-18: 3, 2018-19: 1, 2019-20: 4, 2020-21: 3, 2021-22: 2) and No. of IT and ITES Companies (2017-18: 20, 2018-19: 36, 2019-20: 39, 2020-21: 49, 2021-22: 80)	Considerable difference is observed between Core and IT based Companies in the recruitment process.

4 Years students admitted to higher studies Analysis

A.Y	No.of students admitted to higher studies
2020-21	2
2019-20	15
2018-19	13
2017-18	3

S.No	Representation	Trend Description
1	**No of Students admitted to Higher Studies** (bar chart: 2017-18 = 3, 2018-19 = 13, 2019-20 = 15, 2020-21 = 2)	There's been gradual increase in students admitted to Higher Studies from A.Y 2017-18 to 2019-20

5 Years No of students turned Entrepreneur

A.Y	No of students turned entrepreneur
2021-22	2
2020-21	0
2019-20	1
2018-19	1
2017-18	0

Entrepreneur Assessment and Trends

S.No	Representation	Trend Description
1	**No of Students turned Entrepreneur** (bar chart: 2017-18 = 0, 2018-19 = 1, 2019-20 = 1, 2020-21 = 0, 2021-22 = 2)	There's been gradual increase in students turned entrepreneur is observed

7.4 Improvement in the quality of students admitted to the program (10)

Institute Marks: 10.00

Item		2021-22	2020-21	2019-20	2018-19
National Level Entrance Examination	No of students admitted		0	0	0
	Opening Score/Rank		0	0	0
	Closing Score/Rank		0	0	0
State/University/Level Entrance Examination/Others EAMCET	No of students admitted	263	185	194	154
	Opening Score/Rank	19294	30289	35332	30685
	Closing Score/Rank	134061	127191	130252	129138
Name of the Entrance Examination for Lateral Entry or lateral entry details ECET	No of students admitted		64	29	79
	Opening Score/Rank		672	771	157
	Closing Score/Rank		5514	4803	6050
Average CBSE/Any other board result of admitted students(Physics ,Chemistry & Maths)			159	156	151	157

CRITERIA 8	First Year Academics	50

8. FIRST YEAR ACADEMICS (50)

8.1 First Year Student-Faculty Ratio (FYSFR) (5)

S. No.	Name of the Faculty	Designation	Qualification	Date of Joining	Total Exp	Subject
1	Dr. ORUGANTI S S CHANDANA	Professor	Ph.D.	28.06.2017	15	CHEMISTRY
2	Dr. GUDALA BALAJI PRAKSH	Professor	Ph.D.	12.07.2021	20	MATHEMATICS
3	MARNEEDI SRINIVASU	Professor	M.Phil, B.Ed. (Ph.D.)	06.09.2012	24	MATHEMATICS
4	JUTHUKA BALA MOHAN RAJU	Associate Professor	M.A.	02.09.2013	18	ENGLISH
5	PEDDADA S S RAMA SUJATHA	Associate Professor	M.Sc.(Ph.D.)	01.08.2008	14	MATHEMATICS
6	POTHAMSETTI RAJA SEKHAR REDDY	Associate Professor	M.A.	28.01.2011	13	ENGLISH
7	BUDIDA JYOTHI	Associate Professor	M.Sc. (Ph.D.)	03.12.2018	16	PHYSICS
8	UPADHYAY ABHISHEK KUMAR	Associate Professor	M.Phil	06.07.2015	9	ENVIRONMENTAL SCIENCES
9	DIVVITI LAKSHMI NARAYANAMMA	Asst. Professor	M.Sc.	03.12.2018	8	MATHEMATICS
10	MYLABATHULA MARY JYOTHI	Associate Professor	M.A. M.Ed. (Ph.D.)	15.05.2019	15	ENGLISH
11	NARAVA VEERA VENKATA DURGA PRASAD	Asst. Professor	M.Sc.	10.12.2020	8	CHEMISTRY
12	DURGA BHAVANI KANCHAPU	Asst. Professor	M.Sc,B.Ed.	29.01.2021	7	MATHEMATICS
13	NARASIMHA RAO IRAGANI	Associate Professor	M.Sc, M.Phil, (Ph.D.)	01.02.2021	13	MATHEMATICS
14	SATYA LAKSHMI CHODISETTI	Asst. Professor	M.Sc.	11.01.2021	12	MATHEMATICS
15	NAGA JYOSTNA CHALLA	Asst. Professor	M.Sc., M.Phil.,B.Ed.	27.01.2021	13	PHYSICS
16	CHALAPATI RAO MEDIKONDA	Asst. Professor	M.Sc., B.Ed.	16.08.2021	12	MATHEMATICS
17	CHENNU RAM MOHAN RAO	Associate Professor	M.Tech, (Ph.D.)	03.12.2018	13	ENGG DRAWING
18	RUPAVANI VANAPALLI	Asst. Professor	M.Tech	11.12.2020	10	ENGINEERING DRAWING
19	SAFEERUDDIN KHAN	Asst. Professor	M.E.	24.11.2020	8	ENGINEERING MECHANICS

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20	M SS MOHAN KUMAR	Associate Professor	M.Sc.	01.10.2021	16	MATHEMATICS
21	VUNDAVALLI BALA SANKAR	Associate Professor	M.Tech	01.06.2015	14	COMPUTER PROGRAMMING
22	BHANU RAJESH NAIDU KAMPARAPU	Asst. Professor	M.Tech	12.06.2017	4	COMPUTER PROGRAMMING
23	MATTAPALLI MADHURI	Asst. Professor	M.Sc.	04.12.2018	10	PHYSICS
24	SATTI DHANALAKSHMI	Asst. Professor	M.Sc.	03.12.2018	5	PHYSICS
25	GANISETTI PARVATHI	Asst. Professor	M.Sc.	03.12.2018	8	MATHEMATICS
26	PAMPANA DEVI SWARAJYA LAKSHMI	Asst. Professor	M.Sc.	04.12.2018	8	CHEMISTRY
27	ORUGANTI SAVITHRI	Asst. Professor	M.Sc.	03.12.2018	12	MATHEMATICS
28	MALLIPUDI NAGA MURALI JAGAPATHI RAMAYYA	Asst. Professor	M.Sc.	09.06.2017	9	ENGINEERING CHEMISTRY
29	THOTA LAVANYA	Asst. Professor	M.Sc.	09.06.2017	4	CHEMISTRY
30	AKULA DIVYA GOWRI	Asst. Professor	M.Sc.	07.06.2017	4	MATHEMATICS
31	BATHULA KIRAN KUMAR	Asst. Professor	M.Sc.	04.12.2018	10	MATHEMATICS
32	SUDHA BOGA	Asst. Professor	M.Tech	30.01.2021	2	ENGINEERING DRAWING
33	SAI LAXMI KANAKAMAMIDI	Asst. Professor	M.Tech	30.01.2021	2	ENGINEERING DRAWING
34	PIDAKALA SATYA SRUTHI	Asst. Professor	M.Tech	03.12.2018	5	COMPUTER PROGRAMMING
35	ARUN KUMAR PODILA	Asst. Professor	M.Tech	25.01.2021	1	COMPUTER PROGRAMMING
36	ACHANTA SATHEESH	Asst. Professor	M.Tech	03.12.2018	3	BEEE
37	MATTA VARALAKSHMI	Asst. Professor	M.Tech	27.11.2020	2	NETWORK ANALYSIS
38	PRASANTH KUMAR DEVAGUSTAPU	Asst. Professor	M.A.	15.06.2017	4	ENGLISH
39	JAMMISETTI VENKATA RAMANAIAH	Asst. Professor	M.Sc.	08.10.2021	10	MATHEMATICS

Data for first year courses to calculate the FYSFR:

Year	Number of students (approved intake strength)	Number of faculty members (considering fractional load)	FYSFR	*Assessment = (5 ×20) / FYSFR (Limited to Max. 5)
2018-19	780	39	20	5.00
CAYm2 (2019-20)	780	39	20	5.00
CAYm1 (2020-21)	780	39	20	5.00
CAY (2021-22)	720	39	18	5.00
Average	765	39	19.5	5.00

Table 8.1

*Note: If FYSFR is greater than 25, then assessment equal to zero.

8.2 Qualification of Faculty Teaching First Year Common Courses (5)

Assessment of qualification = (5x +3y)/RF, x= Number of Regular Faculty with Ph.D., y = Number of Regular Faculty with Post graduate qualification RF=Number of faculty members required as per SFR of 20:1, Faculty definition as defined in 5.1

Year	X	Y	RF	Assessment of faculty qualification (5x+3y)/RF
2018-19	4	30	39	2.82
2019-20	4	30	39	2.82
2020-21	4	33	39	3.05
2021-22	2	37	36	3.36
Average Assessment				2.98

Table 8.2

8. 3 First year academic performance **(10)**

Academic Performance = ((Mean of 1stYear Grade Point Average of all successful Students on a 10 point scale) or (Mean of the Percentage of marks in First Year of all successful students/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the second year.
Table 8.3.1 Academic Performance at Department Level

Academic Performance	CAYm1 (2020-2021)	CAYm2 (2019-20)	2018-19	2017-18
Mean of percentage of marks / Grade point average(X)	7.24	7.50	7.82	7.95
Total Number of Successful students(Y)	185	193	151	155
Total Number of appeared in examinations(Z)	185	194	154	157
AP=[X*(Y/Z)]	7.24	7.46	7.57	7.85
Average Academic Performance=(AP1+AP2+AP3)/3	7.423			

8.4 Attainment of Course Outcomes of first year courses **(10)**

8.4.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcomes of first year is done   (5)

(Examples of data collection processes may include, but are not limited to, specific exam questions, laboratory tests, internally developed assessment exams, oral exams assignments, presentations, tutorial sheets etc.)

1) Assessment for theory courses

After commencement of class work, the Course Coordinator will design the flow of curriculum, lesson plan indicating teaching methods. Slip tests, oral presentations are conducted at regular intervals during 1st hour for 15 marks. Semester-end (external) examination will be conducted by the affiliating university for 70 marks and internal examination will be for 30 marks for all the theory courses. Internal assessment will be conducted as per the guidelines and schedule of JNTUK, Kakinada. Internal examinations are conducted in the form of Descriptive, Online, and Assignments comprising a total of 30 marks twice in a semester. Out of two internal assessments, as per the regulations of the affiliating university, 80% of best mark and 20% of least mark will be computed and internal assessment marks are finalized.

1.1. Class average mark and percentage of students scored above average mark

All the marks scored by the learners are recorded and taking sum of all marks obtained by the students divided by number of students gives the class average mark and number of students obtained greater than this mark will be considered. Then the percentage of students scored above average mark will computed

1.2. Target and attainment levels of COs for internal assessment

Target is stated in terms of number of students scoring greater than or equal to 16 (>= 16) in the internal assessment for a maximum marks of 30. Based on rubrics set for individual course, the attainment level will be calculated.

1.3. Target and attainment levels of COs for external assessment

Target is stated in terms of number of students scoring greater than or equal to 24(>= 24) in the external exam for a maximum marks of 70. Based on rubrics set for individual course, the attainment levels will be calculated.

1.4. Calculation of attainments

Attainments for internal examinations will be calculated by taking the question wise attainments for descriptive, online and assignments and average of theses attainments will be considered as CO attainments will be finalized.

Affiliating university declares the result using grade point average, therefore, class average mark will be computed by considering all the succeeded students in the semester-end (external) examination. Based on the class average mark, percentage of students score above class average mark and its attainment will be calculated. Average attainment will be finalized.

As per the regulations prescribed by the affiliating university, 30% weight for internal assessment and 70% weight for external assessment will be taken to calculate the final attainment of that course. If the final attainment is less than the target attainment then the observations/reasons will be analyzed to achieve the target for each course and laboratory.

2) Attainment for laboratory courses

The schedules for laboratory courses are prepared as per the guidelines of the affiliating university and the prescribed experiments will be carried out. Students will prepare the observations and practical records for the experiments performed by them. Day-to-day evaluation will be recorded and finalized as internal assessment for 15 marks for each laboratory course and end practical examination will be conducted as per the schedule given by the affiliating university for 35 marks. Attainment will be computed by finding the class average mark, percentage of students who succeeded and their attainments.

The attainment calculations for theory course are shown as a sample.

ADITYA COLLEGE OF ENGINEERING
Department of Electronics and Communication Engineering
Course Assessment

Course Name:	**APPLIED PHYSICS**																	Academic Year:	2020-21
Faculty Name:	B.JYOTHI																	Year & Semester:	I Year II Semester
Course Code:	R201207																	Branch & Section:	ECE – A

		Internal Examination-1										Internal Examination-2										
S. No.	Roll No.	1.a	1.b	2.a	2.b	3.a	3.b	Total	Assignment	Quiz	Total	1.a	1.b	2.a	3.a	3.b	Total	Assignment	Quiz	Total	Internal	End Semester exam	Grade point
Maximum Marks		**3.5**	**1.5**	**3**	**2**	**3.5**	**1.5**		**5**	**10**	**15**	2	3	5	3	2	**15**	**5**	**10**	**30**	**27**	A+	10
1	20MH1A0401	3.5	1.5	3	0.5	2.5	1.5	13	5	6	**24**	0.5	1.5	0.5	0	1.5	4	5	4	**13**	22	E	5
2	20MH1A0402	3	0	3	0	0.5	0	7	4	3	**14**	0	1	4.5	3	2	11	5	5	**21**	20	D	6
3	20MH1A0403	3.5	1.5	3	2	0	0	10	5	5	**20**	0	0	0	0	0	0	5	0	**5**	17	AB	0
4	20MH1A0404	3.5	1.5	0	1.5	0	0	7	4	5	**16**	0	0	0	0	0	0	5	0	**5**	15	AB	0
5	20MH1A0405	3.5	1	3	0.5	0	1.5	10	5	2	**17**	2	3	4.5	3	1	14	5	3	**22**	21	D	6
6	20MH1A0406	2	0	2.5	0	2	0	7	3	4	**14**	0	0	5	0.5	2	8	5	4	**17**	17	F	0
7	20MH1A0407	3	1.5	3	2	3.5	1.5	15	5	4	**24**	2	2	3.5	3	2	13	5	7	**25**	25	D	6
8	20MH1A0408	3.5	0	3	0	3.5	0	10	5	3	**18**	2	0	4	0.5	0	7	5	5	**17**	18	F	0
9	20MH1A0409	1	0	0	0	0	0	1	2	3	**6**	1.5	1.5	4	1	1.5	10	5	4	**19**	17	F	0
10	20MH1A0410	1	1.5	2	0	0	0	5	3	5	**13**	2	0	5	3	1.5	12	5	2	**19**	18	F	0
11	20MH1A0411	3.5	1.5	3	2	3.5	1.5	15	5	4	**24**	2	3	5	3	2	15	5	5	**25**	25	C	7
12	20MH1A0412	3	1.5	1.5	0.5	0	0	7	3	5	**15**	1.5	0	5	3	2	12	5	2	**19**	11	F	0
13	20MH1A0413	3.5	1.5	3	2	2.5	1.5	14	5	5	**24**	2	3	5	3	0	13	5	3	**21**	24	C	7
14	20MH1A0414	3.5	0	3	2	2.5	0	11	5	5	**21**	2	2	5	0	0	9	5	3	**17**	21	C	7

No	ID																							
15	20MH1A0415	3.5	1.5	3	2	3.5	1	15	5	4	**24**	1	2	5	3	1.5	13	5	4	**22**	24	C	7
16	20MH1A0416	2.5	1.5	3	2	2.5	1.5	13	5	4	**22**	0	0	5	1.5	2	9	5	3	**17**	21	D	6
17	20MH1A0417	3.5	1.5	3	2	3.5	1.5	15	5	6	**26**	2	3	5	3	2	15	5	4	**24**	26	B	8
18	20MH1A0418	0.5	0	0.5	0	0	0	1	3	3	**7**	2	3	4	2.5	1.5	13	5	1	**19**	17	E	5
19	20MH1A0419	3.5	0	2	0	0	0	6	3	4	**13**	2	2	3	0	1.5	9	5	3	**17**	17	E	5
20	20MH1A0420	2.5	1.5	1.5	1	1.5	0.5	9	3	4	**16**	0	0.5	5	3	2	11	5	4	**20**	20	C	7
21	20MH1A0421	3.5	1.5	3	2	3.5	1.5	15	5	4	**24**	2	3	5	2.5	2	15	5	6	**26**	26	C	7
22	20MH1A0422	3.5	1.5	3	2	2.5	1	14	5	5	**24**	2	3	5	3	0.5	14	5	4	**23**	24	C	7
23	20MH1A0423	3	0.5	3	0	0	0	7	3	2	**12**	2	3	0	2	1.5	9	5	5	**19**	14	D	6
24	20MH1A0424	3.5	0	3	2	3.5	1.5	14	5	4	**23**	2	3	5	2.5	2	15	5	5	**25**	25	C	7
25	20MH1A0425	3.5	0	3	1	0	0	8	3	5	**16**	2	2	4	2	1.5	12	5	3	**20**	20	D	6
26	20MH1A0426	3.5	1.5	3	2	3.5	0.5	14	5	5	**24**	0	0	5	2.5	0	8	5	5	**18**	23	B	8
27	20MH1A0427	0	0	0	0	0	0	0	1	0	**1**	2.5	0	5	3	0	11	5	3	**19**	16	E	5
28	20MH1A0428	3.5	1.5	3	0	3.5	1.5	13	5	4	**22**	2	3	5	2.5	0	13	5	3	**21**	22	D	6
29	20MH1A0429	3	0	1.5	0	0	0	5	3	3	**11**	2	2	5	1.5	0	11	5	2	**18**	17	E	5
30	20MH1A0430	3.5	1.5	3	2	3	0.5	14	5	4	**23**	2	3	5	3	2	15	5	2	**22**	23	D	6
31	20MH1A0431	3.5	1.5	3	1	2.5	1	13	5	4	**22**	2	3	5	1		11	5	3	**19**	22	D	6
32	20MH1A0432	3.5	1.5	3	2	2.5	0.5	13	5	7	**25**	2	0	5	3	2	12	5	6	**23**	25	C	7
33	20MH1A0433	3.5	1.5	3	2	3.5	1	15	5	5	**25**	2	3	5	3	2	15	5	5	**25**	25	B	8
34	20MH1A0434	1	0	0	0	0	0	1	3	3	**7**	0	0	5	3	2	10	5	3	**18**	16	E	5
35	20MH1A0435	0	0	0	0	0	0	0	1	0	**1**	0	0	0	0	0	0	5	0	**5**	5	AB	0
36	20MH1A0436	3.5	0	3	0	0	1.5	8	4	5	**17**	0	0	0	0	0	0	5	0	**5**	15	AB	0
37	20MH1A0437	1	0	0	0	0	0	1	2	3	**6**	2	1.5	4.5	2.5	2	13	5	3	**21**	18	E	5
38	20MH1A0438	2	0	0	0	1	0	3	2	3	**8**	2	2.5	5	2	0	12	5	4	**21**	19	E	5
39	20MH1A0439	2	0	0	0	0	0	2	2	3	**7**	2	0	2.5	3	0	8	5	4	**17**	16	F	0
40	20MH1A0440	3	1.5	2.5	2	2	0	11	5	4	**20**	0	3	3	1.5	2	10	5	3	**18**	20	D	6
41	20MH1A0441	1	1.5	0.5	0	1	1	5	3	4	**12**	0	2.5	5	2	0	10	5	4	**19**	18	D	6

No	Reg. No																						
42	20MH1A0442	3.5	0	3	2	3.5	1.5	14	5	5	**24**	2	3	5	3	2	15	5	5	**25**	25	B	8
43	20MH1A0443	3	1.5	2.5	1.5	3.5	1.5	14	5	5	**24**	2	3	5	3	1.5	15	5	2	**22**	24	E	5
44	20MH1A0444	3.5	1.5	3	1.5	2.5	1.5	14	5	5	**24**	2	0	5	1.5	0	9	5	4	**18**	23	D	6
45	20MH1A0445	1.5	0.5	1	0	0	0	3	2	3	**8**	2	0.5	5	1	2	11	5	2	**18**	16	E	5
46	20MH1A0446	3.5	1.5	3	2	3.5	1	15	5	5	**25**	2	2	2	1.5	0	8	5	3	**16**	24	E	5
47	20MH1A0447	3	1.5	3	0	3.5	2	13	5	3	**21**	0	3	5	2	3	13	5	6	**24**	24	E	5
48	20MH1A0448	1.5	0	2	0	0	1	5	2	3	**10**	0	3	5	3	2	13	5	2	**20**	18	D	6
49	20MH1A0449	0	0	1.5	0	0	0	2	3	6	**11**	0	3	5	3	0	11	5	4	**20**	19	F	0
50	20MH1A0450	2	0.5	1	0.5	0	0	4	2	6	**12**	1	2	4.5	0	0	8	5	4	**17**	16	E	5
51	20MH1A0451	3	0	0.5	0	2	0	6	3	1	**10**	1.5	2	5	2	1	12	5	4	**21**	19	E	5
52	20MH1A0452	2.5	0.5	2	0	0	0	5	2	2	**9**	2	0	3.5	0	2	8	5	1	**14**	13	F	0
53	20MH1A0453	2	1.5	3	0	3	1.5	11	5	4	**20**	2	0	5	0	1.5	9	5	1	**15**	19	D	6
54	20MH1A0454	3	0	3	0	0	0	6	3	4	**13**	2	0	5	0	1.5	9	5	1	**15**	15	E	5
55	20MH1A0455	3.5	1.5	2.5	1.5	3.5	2	15	5	4	**24**	2	3	5	3	2	15	5	5	**25**	25	C	7
56	20MH1A0456	3.5	0	3	2	2.5	1.5	13	5	6	**24**	2	0	5	3	0	10	5	3	**18**	23	D	6
57	20MH1A0457	3.5	1.5	3	2	3.5	1.5	15	5	5	**25**	2	3	5	3	1.5	15	5	3	**23**	24	B	8
58	20MH1A0458	3.5	1	3	0	3.5	1.5	13	5	6	**24**	2	2	5	2	2	13	5	4	**22**	24	C	7
59	20MH1A0459	2.5	0	1.5	0	0.5	0	5	4	4	**13**	2	0	5	1.5	0	9	5	3	**17**	17	E	5
60	20MH1A0460	2.5	0	0	2	2	0	7	3	5	**15**	2	0	5	2	0	9	5	3	**17**	17	E	5
61	20MH1A0461	2.5	1	2.5	2	3.5	1.5	13	5	7	**25**	2	1.5	4	3	2	13	5	2	**20**	24	D	6
62	20MH1A0462	3.5	0	2.5	1.5	0	0	8	3	5	**16**	0	1.5	5	3	2	12	5	2	**19**	19	D	6
63	20MH1A0463	3	1.5	3	2	3.5	0.5	14	5	5	**24**	2	3	1	3	2	11	5	4	**20**	24	E	5
64	20MH1A0464	3.5	0	3	0.5	0	0	7	4	5	**16**	2	3	5	0	0	10	5	2	**17**	17	E	5
65	20MH1A0465	2	1.5	0	2	0	0	6	4	3	**13**	2	2.5	5	2	0	12	5	3	**20**	19	F	0
Class Average Mark		2.0	0.5	1.7	0.6	1.4	0.3	6.7	3.7	3.9	14.1	1.4	1.3	3.3	1.4	1.2	8.5	4.5	3.0	15	16.7		
Student Scored above average mark		82	53	74	46	69	40	66	94	84	64	98	65	79	78	75	82	100	52	84	81	98	

Students attempted the question	65	65	65	65	65	65	65	65	65	64	62	62	62	62	62	62	62	62	65	62	61	
% students scored above average mark	59	38	53	33	49	29	47	67	60	46	71	47	57	56.93	55.15	58	71	37	60	58	70	
Attainment level	2	1	1	1	1	1	1	2	2	1	3	1	2	2	2	2	3	1	2	2	3	

																			Internal	University Exam	Overall
CO1	2	1						2	2										1.75	3	2.63
CO2			1	1				2	2										1.5	3	2.55
CO3					1	1		2	2		3	1							1.67	3	2.60
CO4												2				3	1		2	3	2.70
CO5														1		3	1		1.67	3	2.60
CO6													1			3	1		1.67	3	2.60
Overall Course attainment																					2.61
Set target for course attainment																					2.14
Status of the course attainment (Yes/No)																					Yes

CO1	2.63
CO2	2.55
CO3	2.60
CO4	2.70
CO5	2.13
CO6	2.60

Base Target taken for CO:	2.14	Class average Mark	4.5	
Rubrics:				
>70% students	3			
55 to 70% students	2			Best performing Course Outcome: CO4
<55% students	1			Least performing Course Outcome: CO5

Observations	
1	More number of numerical was practiced.
2	Previous question papers were discussed frequently
3	Class tests were conducted regularly and done review based on the performance.
Plan of Action for improvement	
1	Planned to discuss various questionnaire on problem solving of interference during tutorial hours
2	Planned to discuss Lasers by using NPTEL lectures.

Faculty Signature

ADITYA COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

Course Assessment

Course Name:	APPLIED PHYSICS LAB
Faculty Name:	B. JYOTHI
Course Code:	R201233

S. No.	Roll No.	1	2	3	4	5	6	7	8	Total	Day to Day	Record	Total	End Semester grade	GP
	Maximum Marks									**5**	**5**	**5**	**15**	A+	10
1	20MH1A0401			5						**5**	5	5	**15**	A+	10
2	20MH1A0402				4					**4**	5	4	**13**	A+	10
3	20MH1A0403				5					**5**	5	4	**14**	F	0
4	20MH1A0404				4					**4**	5	4	**13**	F	0
5	20MH1A0405				4					**4**	5	5	**14**	A+	10
6	20MH1A0406				4					**4**	5	5	**14**	A+	10
7	20MH1A0407						5			**5**	5	5	**15**	A+	10
8	20MH1A0408								4	**4**	5	5	**14**	A+	10
9	20MH1A0409							4		**4**	4	3	**11**	B	8
10	20MH1A0410							4		**4**	5	5	**14**	A	9
11	20MH1A0411			5						**5**	5	5	**15**	A+	10
12	20MH1A0412		4							**4**	5	4	**13**	A	9
13	20MH1A0413	5								**5**	5	5	**15**	A+	10
14	20MH1A0414							4		**4**	5	5	**14**	A+	10

No	Roll No												Total	Grade	Points
15	20MH1A0415						5			**5**	5	5	**15**	A+	10
16	20MH1A0416			5						**5**	5	5	**15**	A+	10
17	20MH1A0417						5			**5**	5	5	**15**	A+	10
18	20MH1A0418	4								**4**	4	3	**11**	A	9
19	20MH1A0419							4		**4**	5	5	**14**	A	9
20	20MH1A0420		2							**2**	5	5	**12**	A+	10
21	20MH1A0421			5						**5**	5	5	**15**	A+	10
22	20MH1A0422			5						**5**	5	5	**15**	A+	10
23	20MH1A0423					4				**4**	5	5	**14**	A	9
24	20MH1A0424						5			**5**	5	5	**15**	A+	10
25	20MH1A0425					4				**4**	5	4	**13**	A	9
26	20MH1A0426						5			**5**	5	5	**15**	A+	10
27	20MH1A0427								3	**3**	4	3	**10**	B	8
28	20MH1A0428						5			**5**	5	5	**15**	A+	10
29	20MH1A0429				4					**4**	5	3	**12**	A	10
30	20MH1A0430			5						**5**	5	5	**15**	A+	10
31	20MH1A0431						5			**5**	5	5	**15**	A+	10
32	20MH1A0432			5						**5**	5	5	**15**	A+	10
33	20MH1A0433			5						**5**	5	5	**15**	A+	10
34	20MH1A0434							4		**4**	4	4	**12**	A	10
35	20MH1A0435									**0**	5	4	**9**	F	0
36	20MH1A0436								5	**5**	5	4	**14**	F	0
37	20MH1A0437			3						**3**	4	3	**10**	B	8

No	ID											Total	Grade	
38	20MH1A0438	3							**3**	5	5	**13**	B	8
39	20MH1A0439				4				**4**	4	3	**11**	B	8
40	20MH1A0440					4			**4**	5	5	**14**	A+	10
41	20MH1A0441						4		**4**	5	4	**13**	A	10
42	20MH1A0442			5					**5**	5	5	**15**	A+	10
43	20MH1A0443						5		**5**	5	5	**15**	A+	10
44	20MH1A0444			5					**5**	5	5	**15**	A+	10
45	20MH1A0445						4		**4**	5	5	**14**	A+	10
46	20MH1A0446			5					**5**	5	5	**15**	A+	10
47	20MH1A0447			5					**5**	5	5	**15**	A+	10
48	20MH1A0448							4	**4**	5	5	**14**	A+	10
49	20MH1A0449	4							**4**	4	4	**12**	B	8
50	20MH1A0450				3				**3**	4	3	**10**	B	8
51	20MH1A0451		3						**3**	5	5	**13**	A	9
52	20MH1A0452						4		**4**	4	4	**12**	A	9
53	20MH1A0453							4	**4**	5	5	**14**	A+	10
54	20MH1A0454		3						**3**	4	3	**10**	B	8
55	20MH1A0455						5		**5**	5	5	**15**	A+	10
56	20MH1A0456						5		**5**	5	5	**15**	A+	10
57	20MH1A0457		5						**5**	5	5	**15**	A+	10
58	20MH1A0458			5					**5**	5	5	**15**	A+	10
59	20MH1A0459				4				**4**	5	4	**13**	A	9
60	20MH1A0460							4	**4**	5	5	**14**	A+	10

61	20MH1A0461						5			5	5	5	15	A+	10
62	20MH1A0462						4			4	5	4	13	A+	10
63	20MH1A0463			5						5	5	5	15	A+	10
64	20MH1A0464			4						4	5	5	14	A+	10
65	20MH1A0465							4		4	5	5	14	A	9
Class Average Mark		4.0	3.4	4.8	3.8	4.0	4.7	4.0	4.0	4.3	4.8	4.6	13.7		8.9
Student Scored above average mark		3	2	14	5	3	12	6	5	29	55	44	43	61	83
Students attempted the question		4	5	16	6	3	18	6	6	65	65	65	65	65	
% students scored above average mark		75	40	88	83	100	67	100	83	45	85	68	66	94	
Attainment level		2	1	3	3	3	1	3	3	1	3	1	1	3	

											Internal	University Exam	Overall
CO1	2				1		3		3	1	3	3	3.00
CO2		1	1	3			3		3	1	2	3	2.70
CO3					3				3	1	2	3	2.70
CO4				3		1					2.33	3	2.80
Overall Course attainment													2.80
Set target for course attainment													2.40
Status of the course attainment (Yes/No)													Yes

CO1	3.00
CO2	2.70
CO3	2.70
CO4	2.80

Base Target taken for CO:	2.40	Class average Mark: 8.5
Rubrics:		
>80% students	3	
80 to 70% students	2	Best performing Course Outcome: CO1
<70 % students	1	Least performing Course Outcome: CO3 , CO4

Reason for low attainment//Observations	
1	Labs experiments were conducted regularly
2	Revision of experiments were conducted.
Plan of Action for improvement	
1	Revision lab sessions for Optics related experiments
2	Detailed explanation of Experiments related to electric &magnetic fields
	Faculty Signature

PO ATTAINMENT

CO-PO matrix can be considered for concern subject and course attainment values can be taken from course attainment sheet. Po attainment can be computed by multiplying PO with CO values dividing by sum of PO values.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3												
CO2	2		2											2
CO3	3	2												
CO4	2													
CO5	2	2		2		2								
CO6	3		2											
Course	2.33	2.33	2	2		2								2

		CO ATTAINMENT												
		Course Name	Attainment											
		CO1	2.7											
		CO2	2.55											
		CO3	2.6											
		CO4	2.7											
		CO5	2.13											
		CO6	2.6											
PO ATTAINMENT:														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Overall PO Attainment	2.09	2.51	2.58	2.13		2.13								2.55

Feedback on course outcomes

The course outcomes are designed to identify the specific knowledge skills that a student acquires at the end of every course. These outcomes inform both the way students are evaluated in a course, therefore the institution collects feedback from the students on all the course outcomes through a survey method. Students will be given a questionnaire on course outcomes of the course. Then the students are asked to give an opinion of their understanding on all the

course outcomes. The feedback forms are further analyzed and the results are presented in the form of bars. The sample feedback form is attached for the reference.

Course: Mathematics – I

Course Name	Course Outcomes	
Mathematics-I (CSE/ECE/IT/ EEE/MECH)	CO1	Utilize mean value theorems to real life problems
	CO2	Able to form differential equation from physical problems and to solve various first order differential equations.
	CO3	Solve the differential equations related to various engineering fields
	CO4	Familiarize with functions of several variables which is useful in optimization
	CO5	Apply double integration techniques in evaluating areas bounded by region
	CO6	Students will also learn important tools of calculus in higher dimensions. Students will become familiar with 2- dimensional and 3-dimensional coordinate systems

Bar representation of the CO feedback
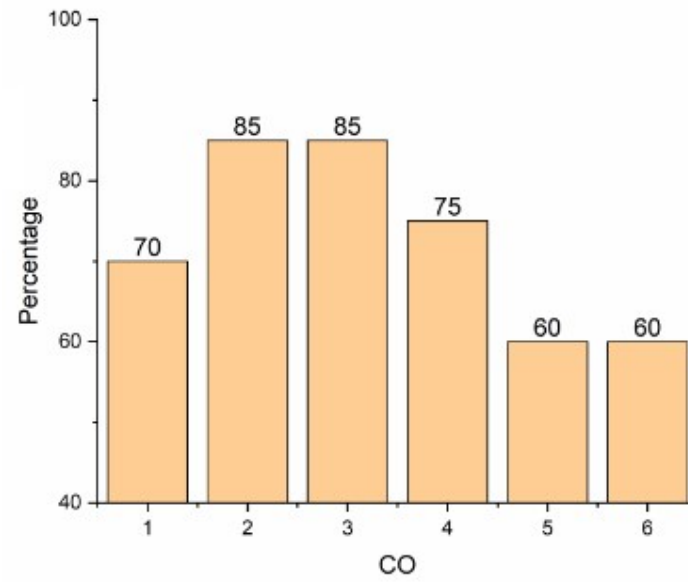
8.4.2 Record the attainment of Course Outcomes of all first year courses   (5)

Course Attainment forA.Y.2020-21

											Final Course Attainment			
S. No.	Course Code	Course Name	Section	CO1	CO2	CO3	CO4	CO5	CO6	Direct Course Attainment	Indirect Course Attainment	(80% of direct attainment+20% indirect attainment)	Course Attainment	Target	Status

Program Name: B.Tech (ECE – I SEM)

S. No.	Course Code	Course Name	Section	CO1	CO2	CO3	CO4	CO5	CO6	Direct Course Attainment	Indirect Course Attainment	Final Course Attainment (80% of direct attainment+20% indirect attainment)	Course Attainment	Target	Status
1.	C111	Communicative English	ECE A	2.70	2.70	2.70	2.70	2.70	2.78	2.71	3.00	**2.77**	2.77	2.22	YES
			ECE B	2.60	2.60	2.70	2.80	2.80	2.78	2.71	3.00	**2.77**		2.22	YES
			ECE C	2.70	2.70	2.70	2.70	2.60	2.85	2.71	3.00	**2.77**		2.33	YES
2.	C112	Mathematics-I	ECE A	2.85	2.78	2.85	2.85	2.93	2.93	2.86	2.90	**2.87**	2.44	2.50	YES
			ECE B	2.78	2.85	2.85	2.78	2.85	2.78	2.81	2.90	**2.83**		2.50	YES
			ECE C	1.30	1.38	1.30	1.23	1.30	1.15	1.28	3.00	**1.62**		2.00	NO
3.	C113	Applied chemistry	ECE A	2.55	2.70	2.78	2.70	2.60	2.60	2.65	2.90	**2.70**	2.34	2.23	YES
			ECE B	1.38	1.38	1.38	1.40	1.30	1.30	1.35	2.80	**1.64**		2.03	NO
			ECE C	2.55	2.55	2.63	2.60	2.70	2.60	2.60	2.90	**2.66**		2.33	YES
4.	C114	Programming for Problem Solving Using C	ECE A	2.85	2.80	2.80	2.80	2.80	2.80	2.81	3.00	**2.85**	2.76	2.52	YES
			ECE B	2.70	2.80	2.80	2.70	2.70	2.60	2.72	2.90	**2.75**		2.41	YES
			ECE C	2.55	2.70	2.60	2.60	2.60	2.70	2.63	2.90	**2.68**		2.50	YES
5.	C115	Engineering Drawing	ECE A	2.40	2.40	2.55	2.70	2.85	2.85	2.63	2.90	**2.68**	2.77	2.08	YES
			ECE B	2.70	2.70	2.55	2.85	2.85	2.55	2.70	2.90	**2.74**		2.05	YES
			ECE C	2.85	2.85	2.70	2.85	2.85	3.00	2.85	3.00	**2.88**		2.15	YES
6.	C116	English Lab	ECE A	2.70	2.70	2.80	2.80			2.75	3.00	**2.80**	2.63	2.25	YES
			ECE B	2.40	2.40	2.60	2.60			2.50	2.90	**2.58**		2.25	YES
			ECE C	2.40	2.40	2.40	2.40			2.40	2.90	**2.50**		2.38	YES
7.	C117	Applied Chemistry Lab	ECE A	**2.40**	**2.40**	**2.40**	**2.40**			2.40	3.00	**2.52**	2.55	2.00	YES
			ECE B	2.48	2.58	2.55	2.40			2.50	3.00	**2.60**		2.00	YES
			ECE C	2.40	2.40	2.40	2.40			2.40	3.00	**2.52**		2.00	YES
8.	C118	Programming for Problem Solving Using C Lab	ECE A	2.52	2.55	2.60	2.48			2.54	2.90	**2.61**	2.66	2.39	YES
			ECE B	2.52	2.70	2.50	2.48			**2.55**	2.90	**2.62**		2.50	YES
			ECE C	2.64	2.85	2.60	2.70			2.70	3.00	**2.76**		2.42	YES

S. No.	Course Code	Course Name	Section	CO1	CO2	CO3	CO4	CO5	CO6	Direct Course Attainment	Indirect Course Attainment	Final Course Attainment (80% of direct attainment+20% indirect attainment)	Course Attainment	Target	Status
												Course Attainment for A.Y.2020-21 Program Name: B.Tech (ECE – II SEM)			
1	C121	Mathematics-II	ECE A	2.15	1.90	1.93	1.93	2.08	1.93	1.98	3.00	**2.19**	2.39	2.25	NO
			ECE B	2.15	1.90	2.08	2.00	2.23	2.15	2.08	3.00	**2.27**		2.25	YES
			ECE C	2.85	2.60	2.78	2.63	2.63	2.48	2.66	3.00	**2.73**		2.25	YES
2	C122	Applied Physics	ECE A	1.40	1.38	1.30	1.30	1.30	1.30	1.33	2.90	**1.64**	1.88	**2.13**	NO
			ECE B	1.30	1.40	1.45	1.40	1.40	1.40	1.39	2.90	**1.69**		**2.13**	NO
			ECE C	2.10	2.15	2.15	2.10	2.10	2.10	2.12	3.00	**2.29**		**2.13**	YES
3	C123	Object Oriented Programming Through Java Java	ECE A	2.10	2.00	1.95	2.08	2.08	2.10	2.05	2.90	**2.22**	2.59	1.96	YES
			ECE B	2.90	2.78	2.78	2.70	2.70	2.78	2.77	2.80	**2.78**		2.27	YES
			ECE C	2.80	2.70	2.85	2.70	2.55	2.85	2.74	2.90	**2.77**		2.27	YES
4	C124	Network Analysis	ECE A	1.53	1.45	1.38	1.45	1.40	1.50	1.45	3.00	**1.76**	2.12	2.36	NO
			ECE B	1.38	1.45	1.45	1.45	1.60	1.53	1.48	2.90	**1.76**		1.72	NO
			ECE C	2.85	2.85	2.78	2.93	2.93	2.70	2.84	2.90	**2.85**		1.72	YES
5	C125	Basic Electrical Engineering	ECE A	2.00	2.00	2.06	2.00	2.08	1.90	2.01	2.90	**2.73**	2.62	2.00	YES
			ECE B	2.78	2.85	2.85	2.70	2.78	2.85	2.80	2.90	**2.82**		2.00	YES
			ECE C	2.08	2.15	2.08	2.15	2.15	2.15	2.13	3.00	**2.30**		2.00	YES
6	C126	Electronics Work Shop Lab	ECE A	3.00	2.93	3.00	2.85	2.90	2.78	2.91	3.00	**2.93**	2.73	2.53	YES
			ECE B	2.50	2.48	2.50	2.60	2.60	2.60	2.52	2.90	**2.60**		2.90	NO
			ECE C	2.60	2.60	2.60	2.70	2.60	2.55	2.63	2.90	**2.68**		2.90	NO
7	C127	Basic Electrical Engineering Lab	ECE A	2.70	2.70	2.70	2.63	2.70	2.60	2.68	3.00	**2.75**	2.70	2.80	NO
			ECE B	2.60	2.40	2.50	2.60	2.40	2.60	2.53	3.00	**2.62**		2.80	NO
			ECE C	2.80	2.60	2.60	2.70	2.70	2.80	2.68	3.00	**2.74**		1.80	YES
8	C128	Applied Physics Lab	ECE A	2.40	2.40	2.60	2.55			2.49	2.90	**2.57**	2.59	2.45	YES
			ECE B	2.40	2.40	2.40	2.48			**2.42**	2.90	**2.52**		2.45	YES
			ECE C	2.58	2.70	2.60	2.48			2.59	3.00	**2.67**		2.45	YES

S.No	Course Code	Course Name	Section	CO1	CO2	CO3	CO4	CO5	CO6	Direct Course Attainment	Indirect Course Attainment	Final course Attainment (80% DAt+ 20% INDA)	Overall Course Attainment	Target	Status
										Program I B.Tech ECE(SEM-I) AY 2019-20					
1	C111	English	ECE -A	2.75	2.58	2.75	2.83	2.75	2.75	**2.74**	2.9	**2.772**	2.776	2.26	YES
			ECE- B	2.75	2.75	2.75	2.75	2.75	2.83	**2.76**	2.9	**2.788**		2.26	YES
			ECE -C	2.67	2.75	2.69	2.75	2.75	2.75	**2.73**	2.9	**2.764**		2.26	YES
			ECE- D	2.67	2.67	2.67	2.83	2.83	2.83	**2.75**	2.9	**2.78**		2.26	YES
2	C112	Mathematics-I	ECE -A	2.06	2.06	2.08	2.19	2.00	2.08	**2.08**	2.9	**2.244**	1.929	2	YES
			ECE- B	1.31	1.25	1.38	1.25	1.17	1.25	**1.27**	2.8	**1.576**		2	NO
			ECE -C	2.19	2.19	2.17	2.13	2.08	2.08	**2.14**	3	**2.312**		2.08	YES
			ECE- D	1.38	1.31	1.33	1.19	1.25	1.25	**1.28**	2.8	**1.584**		2.08	NO
3	C123	Applied Chemistry	ECE -A	2.00	2.00	2.08	2.06	2.08	2.17	**2.07**	3	**2.256**	2.089	1.93	YES
			ECE- B	1.19	1.19	1.29	1.19	1.33	1.33	**1.25**	2.8	**1.56**		1.93	NO
			ECE -C	2.13	2.06	2.00	2.06	2.17	2.17	**2.1**	3	**2.28**		1.93	YES
			ECE- D	2.19	2.08	2.13	2.06	2.08	2.08	**2.1**	2.9	**2.26**		1.93	YES
4	C124	Programming for Problem Solving using C	ECE -A	1.94	1.88	1.94	1.85	1.94	2.00	**1.92**	2.8	**2.096**	2.479	2.26	NO
			ECE- B	2.00	2.08	1.88	2.06	2.00	2.08	**2.02**	2.8	**2.176**		2.26	NO
			ECE -C	2.81	2.63	2.72	2.85	2.81	2.67	**2.75**	3	**2.8**		2.26	YES
			ECE- D	3.00	3.00	2.84	2.70	2.75	2.67	**2.83**	2.9	**2.844**		2.26	YES
5	C125	Engineering Drawing	ECE -A	2.08	1.88	2.08	2.25	2.13	2.25	**2.11**	3	**2.288**	2.466	2.06	YES
			ECE- B	2.17	2.00	2.25	2.25	2.25	2.25	**2.19**	2.9	**2.332**		2.06	YES
			ECE -C	2.92	3.00	3.00	3.00	3.00	3.00	**2.99**	2.9	**2.972**		2.06	YES
			ECE- D	2.08	2.13	2.08	2.00	2.00	2.25	**2.09**	3	**2.272**		2.06	YES
6	C126	English Lab	ECE -A	2.47	2.47	2.47	2.47			**2.47**	3	**2.576**	2.598	2.4	YES
			ECE- B	2.47	2.47	2.47	2.47			**2.47**	3	**2.576**		2.4	YES
			ECE -C	2.60	2.60	2.60	2.60			**2.6**	2.9	**2.66**		2.4	YES
			ECE- D	2.60	2.47	2.60	2.33			**2.5**	2.9	**2.58**		2.4	YES
7	C127	Applied Chemistry Lab	ECE -A	2.40	2.47	2.40	2.47			**2.43**	2.9	**2.524**	2.586	2.1	YES
			ECE- B	2.33	2.33	2.40	2.50			**2.39**	2.9	**2.492**		2.1	YES
			ECE -C	2.50	2.60	2.50	2.60			**2.55**	2.9	**2.62**		2.1	YES
			ECE- D	2.60	2.73	2.70	2.60			**2.66**	2.9	**2.708**		2.1	YES

8	C128	Programming for Problem Solving using C lab	ECE -A	2.47	2.47	2.47	2.47			**2.47**	2.9	**2.556**	2.569	2	YES
			ECE- B	2.47	2.47	2.47	2.47			**2.47**	3	**2.576**		2	YES
			ECE -C	2.33	2.33	2.33	2.33			**2.33**	3	**2.464**		2	YES
			ECE- D	2.60	2.60	2.60	2.60			**2.6**	3	**2.68**		2	YES

Program Name: B.Tech (ECE – II SEM) AY 2019-20

S. NO	Course Code	Course Name	Section	CO1	CO2	CO3	CO4	CO5	CO6	Direct Course Attainment	Indirect Course Attainment	Final Course Attainment (80% of direct attainment+20% indirect attainment)	Overall Course Attainment	Target	Status
1	C121	Mathematics-II	ECE A	1.31	1.19	1.31	1.38	1.44	1.45	**1.35**	2.8	**1.64**	1.89	1.4	YES
			ECE B	1.94	1.38	1.94	1.75	2.13	2.05	**1.86**	2.9	**2.068**		1.65	YES
			ECE C	2.13	1.75	1.94	1.25	1.38	1.45	**1.65**	3	**1.92**		1.65	YES
			ECE D	1.75	1.75	1.56	1.75	1.75	1.6	**1.69**	2.9	**1.932**		1.66	YES
2	C122	Mathematics-III	ECE A	1.38	1.31	1.25	1.38	1.38	1.25	**1.32**	2.8	**1.616**	1.6385	2	NO
			ECE B	1.38	1.31	1.25	1.42	1.44	1.38	**1.36**	2.85	**1.658**		2	NO
			ECE C	1.44	1.42	1.17	1.38	1.25	1.33	**1.33**	2.8	**1.624**		1.91	NO
			ECE D	1.38	1.33	1.17	1.5	1.33	1.5	**1.37**	2.8	**1.656**		2	NO
3	C123	Applied Physics	ECE A	1.13	1.25	1.13	1.38	1.19	1.25	**1.22**	2.8	**1.536**	1.7475	1.7	NO
			ECE B	1.31	1.42	1.33	1.31	1.42	1.42	**1.37**	2.8	**1.656**		2.08	NO
			ECE C	2.19	2.08	2.08	2	2.08	1.92	**2.06**	2.9	**2.228**		1.96	YES
			ECE D	1.2	1.3	1.23	1.3	1.15	1.3	**1.25**	2.85	**1.57**		1.99	NO
4	C124	Network Analysis	ECE A	2.5	1.75	2.13	2.13	1.56	1.75	**1.97**	3	**2.176**	2.179	1.66	YES
			ECE B	2.25	2.13	1.88	2.31	2.13	2	**2.11**	2.9	**2.268**		1.66	YES
			ECE C	1.75	1.56	1.63	1.75	1.94	2	**1.77**	2.9	**1.996**		1.66	YES
			ECE D	2.35	2.13	2.13	1.94	1.94	2.25	**2.12**	2.9	**2.276**		1.66	YES

No	Code	Subject	Section												
5	C125	Basic Electrical Engineering	ECE A	1.44	1.38	1.38	1.44	1.42	1.38	**1.4**	2.8	**1.68**	1.973	1.96	NO
			ECE B	1.25	1.25	1.35	1.44	1.42	1.5	**1.36**	2.8	**1.648**		2	NO
			ECE C	2.25	2.25	2.25	2.19	2.25	2.25	**2.24**	3	**2.392**		2	YES
			ECE D	1.94	2	2	1.94	2.08	2	**1.99**	2.9	**2.172**		1.96	YES
6	C129	Communication skills Lab	ECE A	2.6	2.6	2.6	2.6			**2.6**	3	**2.68**	2.619	2.4	YES
			ECE B	2.47	2.47	2.47	2.47			**2.47**	2.9	**2.556**		2.4	YES
			ECE C	2.5	2.5	2.5	2.5			**2.5**	2.9	**2.58**		2.4	YES
			ECE D	2.7	2.5	2.5	2.7			**2.6**	2.9	**2.66**		2.4	YES
7	C128	Applied Physics Lab	ECE A	2.44	2.47	2.7	2.2			**2.45**	3	**2.56**	2.556	2.4	YES
			ECE B	2.37	2.4	2.44	2.6			**2.45**	2.9	**2.54**		2.4	YES
			ECE C	2.36	2.73	2.47	2.4			**2.49**	3	**2.592**		2.4	YES
			ECE D	2.44	2.53	2.6	2.2			**2.44**	2.9	**2.532**		2.4	YES
8	C126	Electronic workshop	ECE A	2.47	2.6	2.47	2.6	2.6	2.73	**2.58**	2.9	**2.58**	2.54	2.21	YES
			ECE B	2.4	2.1	2.13	2.1	2.27	2.4	**2.23**	2.9	**2.23**		2.2	YES
			ECE C	2.27	2.1	2.27	2.1	2.13	2.13	**2.17**	2.8	**2.17**		2.21	YES
			ECE D	2.73	2.9	2.87	2.8	2.87	2.73	**2.82**	3	**2.82**		2.21	YES
9	C127	Basic Electrical Engineering LAB	ECE A	2.47	2.73	2.7	2.8	2.73	2.5	**2.66**	2.9	**2.66**	2.592	2.25	YES
			ECE B	2.73	2.9	2.83	2.87	2.9	2.87	**2.83**	2.9	**2.83**		2	YES
			ECE C	2.35	2.12	2.35	2.35	2.35	2.09	**2.27**	2.9	**2.27**		2.25	YES
			ECE D	2.2	2.47	2.52	2.2	2.2	2.2	**2.3**	2.9	**2.3**		1.85	YES
10	C1210	Engineering Exploration Project	ECE A	3	2.7	2.7	2.7	2.7	2.7	**2.75**	3	**2.75**	2.76	2.39	YES
			ECE B	2.4	2.4	3	3	2.7	2.7	**2.7**	3	**2.7**		2.39	YES
			ECE C	2.4	2.4	3	3	3	3	**2.8**	2.9	**2.8**		2.39	YES
			ECE D	2.4	2.4	3	3	2.4	2.4	**2.6**	2.9	**2.6**		2.39	YES

S.No.	Course Code	Course Name	Section	CO1	CO2	CO3	CO4	CO5	CO6	Overall Attainment	Target	Status
	Programme : B.Tech in ECE						**Semester-I (AY 2018-19)**					
1	C121	**English**	-A	2.90	2.80	2.78	2.70	2.93	2.93	2.84	2.00	Yes
			B	2.90	2.90	2.93	2.90	2.90	2.90	2.90	2.26	Yes
			C	2.80	2.70	2.85	2.70	2.78	2.78	2.77	2.27	Yes
2	C122	**Mathematics-I-**	A	2.10	2.23	2.10	2.10	2.15	2.15	2.14	2.00	Yes
			B	2.00	2.00	2.00	2.20	2.23	2.08	2.08	2.00	Yes
			C	2.00	2.08	2.00	2.10	2.15	1.93	2.04	2.00	Yes
3	C123	**Mathematics-II-**	A	2.60	2.63	2.60	2.70	2.78	2.70	2.67	2.00	Yes
			B	2.10	2.08	2.10	2.20	2.23	2.08	2.13	2.00	Yes
			C	2.70	2.70	2.70	2.60	2.78	2.78	2.71	2.00	Yes
4	C124	**Applied Physics-**	A	2.81	2.67	2.75	2.75	2.67	2.75	2.73	1.83	Yes
			B	2.88	2.83	2.83	2.83	2.83	2.92	2.85	1.83	Yes
			C	2.94	2.83	2.75	2.67	2.58	2.67	2.74	1.83	Yes
5	C125	**Comp. Programming-**	A	2.78	2.70	2.82	2.85	2.70	2.80	2.77	2.27	Yes
			B	1.93	1.90	2.12	1.93	2.10	2.00	2.00	2.27	No
			C	2.63	2.63	2.52	2.70	2.60	2.70	2.63	2.27	Yes
6	C126	**Engineering Drawing-**	A	1.45	1.15	1.15	1.00	1.00	1.00	1.13	2.23	No
			B	1.45	1.15	1.30	1.00	1.00	1.00	1.15	2.23	No
			C	1.30	1.30	1.15	1.00	1.00	1.00	1.13	2.23	No
7	C127	**English Lab-**	A	2.51	2.51	2.51	2.67			2.55	2.50	Yes
			B	2.67	2.59	2.51	2.74			2.62	2.50	Yes
			C	2.51	2.51	2.51	2.60			2.53	2.50	Yes
8	C128	**Applied Physics Lab-**	A	2.40	1.67	1.60	1.60			1.82	2.45	No
			B	2.20	2.20	2.20	2.2			2.2	1.82	yes
			C	1.6	1.6	1.6	1.6			1.6	1.82	Yes
9	C129	**EWS &ITWS LAB -**	A	3.00	3.00	3.00	2.80			2.15	2.40	**Yes**
			B	1.225	1.24	1.15	1.15			1.19125	1.75	No
			C	2.58	2.4	2.49	2.43			2.47	1.75	Yes

Programme : B.Tech in ECE **Semester-I I (AY 2018-19)**

S. No	Course Code	Course Name	Section	CO1	CO2	CO3	CO4	CO5	CO6	Overall Attainment	Target	Status
1	C121	English II	ECE -A	2.9	2.8	2.775	2.8	2.9	2.9	2.84	2.47	Yes
			ECE- B	2.80	2.90	2.93	2.80	2.90	2.90	2.87	2.47	Yes
			ECE -C	2.90	2.80	2.85	2.70	2.80	2.80	2.81	2.47	Yes
2	C122	Mathematics-III	ECE -A	2.35	2.35	2.35	2.35	2.57	2.35	2.39	2.00	Yes
			ECE- B	2.00	2.00	2.00	2.00	2.22	2.00	2.04	2.00	Yes
			ECE -C	2.35	2.35	2.35	2.35	2.57	2.35	2.39	2.00	Yes
3	C123	App Chemistry	ECE -A	2.63	2.55	2.48	2.70	2.78	2.93	2.68	2.14	Yes
			ECE- B	2.08	2.15	2.23	2.00	2.00	2.00	2.08	2.14	No
			ECE -C	2.55	2.55	2.55	2.63	2.63	2.70	2.60	2.14	Yes
4	C124	Environmental Science	ECE -A	2.55	2.48	2.48	2.55	2.70	2.63	2.56	2.14	Yes
			ECE- B	2.60	2.50	2.40	2.55	2.48	2.60	2.52	2.14	Yes
			ECE -C	2.80	2.60	2.70	2.78	2.78	2.90	2.76	2.14	Yes
5	C125	Data Structures	ECE -A	2.85	2.55	2.70	2.85	2.70	2.80	2.74	2.27	Yes
			ECE- B	2.85	2.60	2.64	2.85	2.70	2.80	2.74	2.27	Yes
			ECE -C	2.70	2.63	2.70	2.85	2.70	2.70	2.71	2.27	Yes
6	C126	EMT	ECE -A	2.70	2.40	2.55	2.70	2.70	2.55	2.60	2.10	Yes
			ECE- B	2.70	2.40	2.70	2.85	2.85	2.70	2.70	2.10	Yes
			ECE -C	2.70	2.70	3.00	2.40	2.70	2.70	2.70	2.10	Yes
7	C127	English Lab-2-	ECE -A	2.51	2.67	2.51	2.60			2.57	2.50	Yes
			ECE- B	2.59	2.67	2.51	2.67			2.61	2.50	Yes
			ECE -C	2.34	2.34	2.34	2.472			2.373	2.5	No
8	C128	Applied chemistry Lab	ECE -A	2.46	2.475	2.5	2.55			2.49625	2.4	Yes
			ECE- B	2.58	2.55	2.4	2.7			2.5575	2.4	Yes
			ECE -C	2.58	2.55	2.4	2.7			2.5575	2.4	Yes
9	C129	Computer Programming Lab-	ECE -A	2.48	2.75	2.63	2.7			2.47	1.75	Yes
			ECE- B	2.59	2.67	2.51	2.67			2.61	2.50	Yes
			ECE -C	2.58	2.4	2.48	2.43			2.47	1.75	Yes

8.5. Attainment of Program Outcomes from first year courses (20)

8.5.1Indicate results of evaluation of each relevant PO and/ or PSO, if applicable (15) Institute Marks: 15.00

POs Attainment:

PO Attainment for the academic year 2020-21- Sem-1

S.NO.	COURSE	Sections	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	COMMUNICATIVE ENGLISH (C111)	A						2.7		2.71		2.71				
		B						2.60		2.71		2.72				
		C						2.70		2.71		2.71				
2	MATHEMATICS-I (C112)	A	2.87	2.86												
		B	2.92	2.82												
		C	1.28	1.28												
3	APPLIED CHEMISTRY(C113)	A	2.09		2.6				2.67							2.7
		B	1.36	1.35	1.34	1.30		1.30								1.38
		C	2.61	2.62	2.57	2.70		2.70								2.55
3	PROGRAMMING FOR PROBLEM SOLVING USING C LANGUAGE (C114)	A	2.81	2.81	2.80										2.80	
		B	2.71	2.72	2.73										2.65	
		C	2.63	2.62	2.64										2.65	
5	ENGINEERING DRAWING(C115)	A	2.60	2.48	2.48									2.48	2.48	
		B	2.74		2.70		2.70									
		C	2.84	2.82	2.81		2.78									
6	COMMUNICATIVE SKILLS LAB (C116)	A									2.8	2.75				
		B									2.6	2.5				
		C									2.4	2.4				
7	APPLIED CHEMISTRY LAB(C117)	A	2.4	2.4		2.4			2.4							
		B	2.51	2.40		2.55			2.58							
		C	2.4	2.4		2.4			2.4							
8	PROGRAMMING FOR PROBLEM SOLVING USING C LANGUAGE LAB(C118)	A	2.55	2.54	2.53											
		B	2.57	2.56	2.50											
		C	2.70	2.71	2.65											

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PO Attainment for the academic year 2020-21- Sem-1I

S.NO.	COURSE	Sections	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	MATHEMATICS-II	A	2.00	1.99												
		B	2.09	2.09												
		C	2.68	2.68												
2	APPLIED PHYSICS	A	1.33	1.34	1.34	1.30		1.30								1.38
		B	1.40	1.37	1.40	1.40		1.40								1.40
		C	2.12	2.11	2.13	2.10		2.10								2.15
3	Object Oriented Programming Through JAVA	A	2.06	2.05	2.05	2.06					2.05			2.06	2.00	2.00
		B	2.76	2.77	2.78	2.77					2.74			2.76	2.78	2.78
		C	2.73	2.75	2.78	2.74					2.74			2.74	2.70	2.70
3	NETWORK ANALYSIS	A	1.45	1.45	1.47										1.45	
		B	1.47	1.48	1.49										1.48	
		C	2.84	2.84	2.85										2.85	
5	BASIC ELECTRICAL ENGINEERING	A	2.01	2.01	2.03										2.01	
		B	2.80	2.80	2.79										2.80	
		C	2.13	2.13	2.12										2.12	
6	ELECTRONICS WORK SHOP LAB	A	2.91		2.90			2.91			2.92			2.91	2.91	
		B	2.55		2.55			2.55			2.54			2.55	2.55	
		C	2.61		2.61			2.61			2.61			2.61	2.61	
7	BASIC ELECTRICAL ENGINEERING LAB	A	2.67	2.67	2.66			2.67			2.67				2.67	2.67
		B	2.50	2.53	2.53			2.52			2.52				2.52	2.52
		C	2.70	2.70	2.70			2.70			2.70				2.70	2.70
8	APPLIED PHYSICS LAB	A	2.48	2.44			2.40				2.49					2.60
		B	2.40	2.42			2.40				2.42					2.40
		C	2.66	2.60			2.64				2.59					2.60

PO Attainment for the academic year 2019-20-Sem-1

S.NO.	COURSE	SECTION	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	English	A						2.75		2.74		2.74				
		B						2.75		2.76		2.77				
		C						2.67		2.72		2.73				
		D						2.67		2.75		2.77				
2	Mathematics-I	A	2.08	2.08												
		B	1.27	1.27												
		C	2.14	2.14												
		D	1.29	1.29												
3	Applied Chemistry	A	2.06	2.07	2.09				2.04					2.04		
		B	1.25	1.25	1.27				1.24					1.24		
		C	2.09	2.10	2.10				2.08					2.08		
		D	2.10	2.10	2.09				2.11					2.11		
4	Programming For Problem Solving Using C	A	1.93	1.92	1.93									1.89		1.93
		B	2.02	2.02	2.02									2.05		2.02
		C	2.75	2.75	2.75									2.75		2.75
		D	2.83	2.80	2.82									2.82		2.83
	Engineering Drawing	A	2.11		2.11	2.19										
		B	2.19		2.20	2.25										
		C	2.98		2.99	3.00										
		D	2.09		2.09	2.13										
6	English Lab	A										2.47				
		B										2.47				
		C										2.60				
		D										2.51				
7	Applied Chemistry Lab	A	2.44	2.45		2.44			2.44		2.44					
		B	2.39	2.41		2.37			2.37		2.39					
		C	2.55	2.57		2.55			2.55		2.55					
		D	2.67	2.68		2.72			2.72		2.66					
8	Programming For Problem Solving Using C Lab	A	2.47	2.47	2.47						2.47			2.47		2.47
		B	2.47	2.47	2.47						2.47			2.47		2.47
		C	2.33	2.33	2.33						2.33			2.33		2.33
		D	2.60	2.60	2.60						2.60			2.60		2.60

PO Attainment for the academic year 2019-20- Sem-2

S.No.	COURSE CODE	COURSE	SECTION	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	C121	Mathematics-II	ECE-A	2.16	2.15												
			ECE-B	1.29	1.28										1.35		1.31
			ECE-C	1.24	1.24												
			ECE-D	1.23	1.23												
2	C122	Mathematics-III	ECE-A	1.33	1.32												
			ECE-B	1.36	1.36												
			ECE-C	1.36	1.34												
			ECE-D	1.38	1.38												
3	C123	Applied physics	ECE-A	1.24	1.26		1.38								1.26		2
			ECE-B	1.36	1.32		1.31								1.38		2
			ECE-C	2.06	2.04		2								2.12		2
			ECE-D	1.52	1.47		1.54								1.5		1.5
4	C124	Network Analysis	ECE-A	1.38	1.33	1.36										1.2	
			ECE-B	1.33	1.38	1.38										1.38	
			ECE-C	1.2	1.27	1.27										1.26	
			ECE-D	1.4	1.4	1.4										1.3	
5	C125	Basic Electrical Engineering	ECE-A	2.2	2.2	2.2										2.2	
			ECE-B	1.37	1.37	1.34										1.34	
			ECE-C	2.23	2.23	2.23										2.23	
			ECE-D	1.95	1.95	1.95										1.95	1.95
6	C126	Electronic Workshop Lab	ECE-A	2.6		2.6			2.6			2.6	2.6		2.6	2.6	
			ECE-B	2.24		2.22			2.24			2.23	2.23		2.24	2.23	
			ECE-C	2.18		2.16			2.16			2.17	2.17		2.16	2.17	
			ECE-D	2.81		2.82			2.82			2.82	2.82		2.81	2.82	
7	C127	Basic Electrical Engineering Lab	ECE-A	2.65	2.65	2.66									2.66	2.65	
			ECE-B	2.9	2.9	2.9			2.9			2.9	2.9			2.9	2.9
			ECE-C	2.31	2.31	2.33						2.31				2.31	
			ECE-D	2.3	2.28	2.28			2.3			2.3				2.3	2.3
8	C128	Applied physics Lab	ECE-A	2.43	2.37		2.22					2.45					2.7
			ECE-B	2.42	2.45			2.39				2.45					2.44
			ECE-C	2.61	2.54			2.5				2.56					2.6
			ECE-D	2.51	2.39			2.53				2.44					2.6

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S.No.	Course Code	COURSE	SECTION													PO10				
9	C129	Comunication Skills Lab	ECE-A											2.6					2.6
			ECE-B											2.47					
			ECE-C											2.39					
			ECE-D											2.53					
10	C1210	Enginnering Exploration Project	ECE-A	2.6	2.6	2.6	2.6					2.6	2.6				2.6	
			ECE-B	2.5	2.4	2.4	2.5					2.4	2.5				2.5	
			ECE-C	2.5	2.4	2.4	2.5					2.4	2.5				2.5	
			ECE-D	2.5	2.4	2.4	2.5					2.4	2.5				2.5	

PO Attainment for the academic year 2018-19- Sem-1

S.No.	COURSE	SECTION	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	English-I	ECE-A			1.78			1.9	2.15	2		2				
		ECE-B			2.9			2.9	2.9	2.9		2.9				
		ECE-C			2.7			2.8	2.78	2.76		2.77				
2	Mathematics-I	ECE-A	2.14	2.14												
		ECE-B	2.08	2.08												
		ECE-C	2.04	2.04												
3	Mathematics-II	ECE-A	2.67	2.66												
		ECE-B	2.13	2.13												
		ECE-C	2.71	2.7												
4	Applied Physics	ECE-A	2.74	2.74	2.75	2.75										
		ECE-B	2.86	2.85	2.88	2.92										
		ECE-C	2.74	2.73	2.71	2.67										
5	Computer Programming	ECE-A	2.78	2.78	2.78	2.78										
		ECE-B	2.01	2.01	2.01	2.01										
		ECE-C	2.63	2.63	2.63	2.63										
6	Engineering Drawing	ECE-A	1.15		1.12		1									
		ECE-B	1.17		1.15		1									
		ECE-C	1.14		1.13		1									
7	English Communication skills Lab-I	ECE-A									2.59	2.55				
		ECE-B									2.62	2.62				
		ECE-C									2.55	2.53				

S.No.	COURSE	SECTION	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
8	Applied Physics Lab	ECE-A	1.88	1.9	1.6							1.79				
		ECE-B	2.2	2.2	2.2							2.2				
		ECE-C	1	1	1							1				
9	Engineering workshop& IT workshop	ECE-A	2.93	2.92	2.92											
		ECE-B	2.83	2.83	2.83											
		ECE-C	2.93	2.92	2.92											

PO Attainment for the academic year 2018-19- Sem-1I

S.No.	COURSE	SECTION	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO 11	PO 12	PSO1	PSO2
1	English-II	ECE-A	2.9		2.8	2.85		2.9	2.9	2.85		2.85				
		ECE-B	2.8		2.9	2.85		2.8	2.9	2.86		2.87				
		ECE-C	2.9		2.8	2.75		2.9	2.8	2.81		2.81				
2	Mathematics-III	ECE-A	2.39		2.39											
		ECE-B	2.04		2.04											
		ECE-C	2.39		2.39											
3	Applied Chemistry	ECE-A	2.68	2.68	2.85				2.63						2.63	
		ECE-B	2.07	2.08	2				2.09						2.09	
		ECE-C	2.6	2.6	2.66				2.58						2.58	
4	Electrical & Mechanical Technology	ECE-A	2.58	2.49	2.55				2.63						2.6	
		ECE-B	2.68	2.58	2.7				2.7						2.65	
		ECE-C	2.72	2.7	2.7				2.63						2.6	
5	Environmental Studies	ECE-A	2.56	2.56	2.56	2.56		2.56	2.56						2.56	
		ECE-B	2.44	2.44	2.44	2.56		2.77	2.44						2.44	
		ECE-C	2.76	2.76	2.76	2.78		2.76	2.76						2.76	
6	Data Structures	ECE-A	2.77	2.75	2.74											
		ECE-B	2.75	2.75	2.74											
		ECE-C	2.73	2.72	2.71											
7	Applied Chemistry Laboratory	ECE-A	2.49	2.51		2.49			2.49		2.5					
		ECE-B	2.43	2.46		2.4			2.4		2.44					
		ECE-C	2.54	2.58		2.48			2.48		2.56					

8	English Communication skills Lab-II	ECE-A								2.55	2.57				
		ECE-B								2.59	2.61				
		ECE-C								2.41	2.37				
9	Computer Programming Lab	ECE-A	1.25	1.25	1.3										
		ECE-B	1.2	1.2	1.2										
		ECE-C	2.49	2.49	2.5										

AY-2020-21

(1-1 SEM & 1-2 SEM) TARGET AVERAGE

PO	Target
PO1	2.50
PO2	2.27
PO3	2.03
PO4	1.96
PO5	2.00
PO6	2.18
PO7	2.05
PO8	2.00
PO9	2.32
PO10	2.51
PO11	0.00
PO12	2.24
PSO1	2.08
PSO2	2.00

PO ATTAINMENT
1-1 SEM & 1-2   SEM) AVERAGE

PO	Attainment
PO1	2.39
PO2	2.35
PO3	2.41
PO4	2.17
PO5	2.61
PO6	2.35
PO7	2.51
PO8	2.71
PO9	2.59
PO10	2.66
PO11	0.00
PO12	2.54
PSO1	2.53
PSO2	2.27

1-1 Sem&1-2 Sem) Target Average (2019-20)

PO	Attainment
PO1	2.427
PO2	2.211
PO3	1.853
PO4	2.040
PO5	1.682
PO6	1.832
PO7	1.05
PO8	1.15
PO9	2.371
PO10	2.394
PO11	0
PO12	1.821
PSO1	1.10
PSO2	2.00

PO Attainment (2019-20)

1-1 Sem& 1-2 Sem Average

PO1	2.146
PO2	2.124
PO3	2.180
PO4	2.319
PO5	2.620
PO6	2.385
PO7	1.096
PO8	1.372
PO9	2.371
PO10	2.528
PO11	0
PO12	2.007
PSO1	1.100
PSO2	2.149

TARGET (AY 2018-19)

(1-1 Sem & 1-2 Sem) Average

PO1	2.18
PO2	2.09
PO3	1.87
PO4	2.03
PO5	2.00
PO6	2.25
PO7	2.70
PO8	2.33
PO9	2.06
PO10	3.00
PO11	0.00
PO12	2.33
PSO1	
PSO2	

ATTAINMENT-AY 2018-19

1-1 Sem& 1-2 Sem) Average

PO1	2.35
PO2	2.41
PO3	2.34
PO4	2.64
PO5	1.00
PO6	2.66
PO7	2.61
PO8	2.69
PO9	1.32
PO10	2.61
PO11	0.00
PO12	2.55
PSO1	
PSO2	

8.5.2 Actions taken based on the results of evaluation of relevant POs   (5)

Academic Year	2020-21

PO1 (ENGINEERING KNOWLEDGE)

Target level: 2.5   Attainment level: 2.39   PO1 is attained

Observation:

1. Students felt difficulty in understanding multiple integrals dealing with curves, regions and volume of solid of Engineering Mathematics – I

2. Optical physics requires emphasize understanding, not memorization.

3. Students felt complexity in understanding networks as they require more engineering knowledge to study electrical parameters of a circuit element connected in an electrical network.

4. Due to lack of fundamental knowledge of spectroscopic techniques.

5. Attainment is almost reached in Programming languages as special training is provided for students for various data types.

Plan of action:

1. The Head of the Humanities and Sciences Department is requested to communicate to the faculty offering Mathematics course to the ECE First year students to emphasize more on the multiple integrals dealing with curves, regions and volume of solid by taking more examples in the theory classes.

2. Proposed to conduct revision classes especially on Wave optics before internal examination-1

3. Planned to explain more about electrical components in labs.

4. Planned to teach spectroscopic techniques in Applied chemistry by using NPTEL lectures.

5. Proposed to increase number of classes for programming related subjects such as object oriented programming language JAVA.

PO2 (PROBLEM ANALYSIS)

Target level: 2.27   Attainment level: 2.35   PO2 Attainment is very good.

Observation:

1. Problem solving in programming is explained thoroughly by using C programming.

2. Drawing is explained by using more prototypes.

3. Po2 attainment marginally missed in Mathematics-I ,Students felt difficulty in problem solving skills in higher order differential equations.

4. Students expressed their difficulty in   Physics problem solving .

5. In some sections it is found that problem solving skills is lagging for Network analysis.

Plan of Action

1.Proposed to introduce innovative techniques to explain programming.

2. Proposed to conduct remedial classes for higher order differential equations.

3. .Planned to conduct more number of classes on by explaining problems based on various questionnaire for physics.

4. Planned to improve problem solving skills in network analysis by inculcating various activities.

PO3 (Design/Development of Solutions)

Target level: 2.03   **Attainment level: 2.41**   **PO3 Attainment is very good.**

Observations:

1. Focused more on designing in engineering drawing by using geometrical concepts.

2. Special training was given for students in connecting electrical circuits in basic electrical engineering.

3. Target marginally missed for few sections for Applied physics , as fiber optics require knowledge of system components.

Plan of Action

1. Planned to explain optical fibers by using Power point presentation by including each component.

2. Proposed to increase number of sessions for electrical circuit designing , as it is very crucial for ECE students,

3. Planned to motivate students towards convey information of an object in Engineering drawing.

PO4: Conduct Investigations of Complex Problems

Target level: 1.96   **Attainment level: 2.17**   **PO4 Attainment is very good.**

Observations:

1. Advanced concepts like Nano-materials were explained by using NPTEL lectures in Chemistry.

2. Students were given special training in Chemistry lab for determination of hardness of water to draw conclusions based on investigations.

3. In few sections attainment is marginally missed for physics as students felt difficulty in semi conductors.

Plan of Action

1. Planned to involve various innovative teaching methods in explaining Semi conductor physics.

2. Planned to conduct more lab activities which will help student to learn material science.

PO5: Modern Tool usage

Target level: 2   **Attainment level: 2.61**   **PO5 Attainment is good**

Observations:

1. Special training was provided in Engineering Drawing by using modern tool like CAD.

2. Explained importance of virtual labs in physics lab.

Plan of Action: Planned to increase number of sessions for modern tools correlated to drawing.

PO6: Engineer & Society

Target level: 2.18   **Attainment level: 2.35**   **PO6 Attainment is good**

Observations:

1. The level of attainment obtained is very good on comparing the set target level.

2. Conducted seminar on Communication skills.

3. Seminar was conducted on Semi conductor physics and its importance in engineering applications.

4. Conducted extensional activities in   Electronics Work Shop Lab

Plan of Action

1. This can further be improved with participation in extracurricular events.

2. The students are motivated to participate/ volunteer and organize events in larger number for NSS and NGO missions, visiting old-age homes and spreading compassion, distributing the essentials to under-privileged rural students, Blood donation camps, Tree plantations and other outreach activities.

PO7 (Environment &Sustainability)
Target Level: 2.05   **Attainment Level: 2.51**   **PO7 Attainment is very good**

Observations:
1.Quality of human life while living within the carrying capacity of the earth's supporting ecosystem , impact of plastics is explained in Polymer technology
2.Demonstrated Knowledge of Preparation of Materials in context of environment.
3.Students are encouraged to indulge in projects, in which global and environmental issues are improved, with respect to consumption of energy and utilization of non-conventional energy resources.
4.Hardness of water is calculated in lab inculcating stabilizing the currently disruptive relationship between earth's two most complex systems: human culture and the living world.

Plan of action:
1.Further planning to conduct more awareness on plastics.
2.Proposed to conduct seminars on non-conventional energy sources.
3.Planned to improve lab activities correlated to environmental issues

PO8 (Ethics)
Target Level: 2.00   **Attainment Level: 2.71**   **PO8 Attainment is very good**

Observations:

1. Students understood the value of following culture and tradition remembering the ethical values.
2. Students are encouraged to follow the suggestions given by Jawaharlal Nehru to Indira Gandhi
3. Students are motivated to use the time professionally by reading the biographies of Legendary scientists and entrepreneurs.

Plan of action:

1. Proposed to explain the importance of ethics and moral values in life that take to great heights.
2. Lectures and awareness/ motivational programmes are conducted. Career readiness program, corporate lectures and motivational talks are arranged to face the real life situations.

3. To encourage students to Participate in Co-Curricular activities and extracurricular activities to promote commitment to ensure that ethical principles and an understanding of sportsmanship and that participation is more important than winning..

PO9 (Individual & Team work)
Target Level:2.32   **Attainment Level: 2.59**   **PO9 Attainment is very good**
Observations:
1. Students are encouraged to work together in attending reading activities during lab session.
2 Inculcated good awareness on the importance of team work.
3. The students seem ready to work both individually and as a team. This aspect is constantly encouraged in every aspect and stage of programme.

Plan of action:
1. Planned to motivate students towards group work.
2. Proposed to arrange awareness on the importance of team work.
3. The laboratory activities is planned in the way such the students learn to work in a team and can create a good environment.

PO10 (Communication)
Target Level: 2.51   **Attainment Level: 2.66**   **PO10 Attainment is very good**

Observations:
1. Students have a good knowledge on language skills.
2. Students can follow the rules and structures of language and grammar.
3. Students are motivated to communicate without any fear and encouraged to express their ideas clearly.

Plan of action:
1. Planned to develop the verbal ability of the students by arranging verbal activities.
2. Make the students to communicate clearly themselves in expression of ideas and written Communication through various activities.
3. Planned to conduct more number of oral presentations in order to come out of stage fear.

PO11 (Project Management & Finance)

Target Level: 0.00   **Attainment Level: 0.00**
PO11 will be mapped in the higher semester

PO12 (Life-long Learning)
Target Level: 2.24   **Attainment Level: 2.54**   **PO12 Attainment is very good**
Observations:
1. Students understand the conversion of 3D to 2D in their daily life.
2. Students able to determine the efficiency and loses of single- phase transformer.
3. Students able to develop the GUI based applications for real word scenarios.
4. Students need to recognize the regulated power supply and same verify with multi-meter in daily life.
Plan of action:
1. Planned to build a 3D model based on orthographic position.
2. Planned to develop a web application by using java programming.
3. aPlanned to organize the principle's of operation of the equipment in constructional details and performance of 3-phase induction motors.

PSO 1: Apply concepts in Electronics & Communication Engineering to design and implement systems in the areas related to Communication, Image processing, VLSI, Antenna and Embedded systems

Target level: 2.08   Attainment level: 2.53   PSO 1 Attainment is very good

1. The level of attainment obtained is very good on comparing the set target level.

2. Design of network and their correlation to Electronics and Communication engineering was explained in network analysis.

Plan of Action: Further planned to explain about utilization of design components in communication.

PSO 2: Demonstrate proficiency in utilization of software and hardware tools related to Electronics & Communication technologies, while acquiring soft skills like persistence, proper judgment through projects and industrial interactions.

Target Level: 2.00   Attainment Level: 2.27   PSO2 Attainment is very good

Observations

1. Importance of utilization of software's explained in optical fibers.
2. Practice of Basics of electronics was given much priority in labs.

Plan of action:.
1. The above said process will be continued, further planned to conduct seminar on utilization of MATLAB.
2. Students are motivated to learn knowledge of virtual labs.

PO Wise Observations and Plan of Actions for AY 2019-20

PO1: Engineering Knowledge
Target level: 2.427   Attainment level: 2.146   Target not Achieved

Observations
1. Explained engineering fundamentals
2. Basic concepts of Science and mathematics were explained
3. Focused more lecture on introduction classes
4. Special classes for below average students
5. Summarized and revised the lessons more number of times
6. Class tests conducted unit wise
7. Old question papers were discussed in the class but question paper pattern was changed because of new regulation.

Plan of Actions:
1. Bridge course conducted to improve basic knowledge in mathematics and engineering sciences
2. Extra tutorial hours conducted for the complex topics like functions of several variables, multiple integrals and partial differentiation etc.

3. Planning to provide Simple study material was given to students those who are failed in examination

4. Planning to conduct Revision classes will be conducted on difficult topics

5. Exercise problems will be giving for home work as practice

PO 2: Problem Analysis

Target level: 2.211 **Attainment level: 2.124** **Target not Achieved**

Observations:

1. Programming is completely hard subject for students.

2. Students were unable to identify smart methods of solving problems.

3. Due to the lack practice in solving problems

4. Inadequate knowledge of doing derivations

Plan of Actions:

1. Students will be motivated by explaining the mathematical application to engineering subjects

2. Power point presentations and ICT teaching methods will be adopted for better understanding

3. Students will be trained to face tough questions to match with the difficult level of question paper

4. Students will be taught with application of mathematics to engineering also tutorial hours will be increased.

PO 3: Design/development of Solutions

Target level: 1. 853 **Attainment level: 2.180** **Target Achieved**

Observations

1. With appropriate consideration designing of communication systems has been explained

2. Frequent developments of solutions in different fields were discussed

3. Discussed and motivated the students to practice more problems related to plots in LCS

4. Explained some topics like isometric and solids by using AUTOCAD

Plan of Actions:

1. Planning to conduct more workshops on designing inculcated in T-HUB workshops.

2. Proposed to focus more on development of solutions by providing role models in upcoming days

3. Imposing more class tests for the practice of circuit diagrams

4. Students will be motivated to design some basic electronic devices.

PO 4: Conduct Investigations of Complex Problems

Target level: 2.04 0 **Attainment level: 2.319** **Target achieved**

Observations

1. Based on the designing of the circuits experiments were conducted and results were   analyzed and concluded

2. MOOCS lectures were discussed in advanced topics

Plan of Actions:

1. Planning to conduct more experiments based on the designing

2. In the next years also we will use MOOCS lectures

PO 5 : Modern Tool Usage

Target level: 1.682   **Attainment level: 2.62**   **Target Achieved**

Observations

1. Conducted guest lectures on MATLAB and Python
2. Persons from industries visited the campus & deliver the lecture on circuit theory by using AUTOCAD
3. Web sources are used to explain online circuit designing

Plan of Actions:

1. Planning to conduct virtual labs in the next academic year
2. Planning to conduct practical sessions in the next year.
3. Planning to conduct workshops

PO6: The Engineer and Society

Target level: 1.832   **Attainment level: 2.385**   **Target   Achieved**

Observations

1. Motivated the students to carry out the projects which caters to societal needs and safety issues
2. Seminars were conducted to motivate the students for improving leadership qualities and develop professional skills

Plan of Actions:

1. Students are advised to be members in professional societies like IEEE, IETE society etc. to build a rapport with outside world and contribute to the needs of society

PO7: Environment and Sustainability

Target level: 1.05   **Attainment level: 1.096**   **Target Achieved**

Observations

1. Environmental sustainability is the capacity to improve the quality of human life while living within the carrying capacity of the earth's supporting ecosystems.
2. Environmental sustainability is about stabilizing the currently disruptive relationship between earth's two most complex systems: human culture and the living world

Plan of Actions:

1. Simple study material was given to students those who are failed in examination
2. Revision classes will be conducted on difficult topics
3. Important questions given to students

PO8: Ethics

Target level: 1.15   **Attainment level: 1.372**   **Target achieved**

Observations: Workshop on Ethical values helped a lot for students to improve ethical values

Plan of Actions: Planning to conduct workshops on Ethics and morals.

PO9: Individual and Team Work

Target level: 2.371   **Attainment level: 2.371**   **Target Achieved**

Observations

1. Conducted number of activities during lab sessions
2. Activity based learning helps the student to enhance communication skills

Plan of Actions:

1. The same methods and techniques will be followed for the coming semesters, in a more effective way

2 Planning to Focus more on application oriented problems.

PO10: Communication

Target level: 2.394,   **Attainment level: 2.528**   **Target achieved**

Observations

1. Students strengths were identified properly.

2. CRT training was given to the students as a part of curriculum

Plan of Actions:

1. The teaching methods and techniques have been proved effective

2. Improve pronunciation through practice in the lab

3. Improve speaking skills through participation in lab activities.

PO 11 : Project Management and Finance

Po11 is not mapped with present curriculum

PO12: Life-long Learning

Target level: **1.821**   **Attainment level: 2.007**   **Target achieved**

Observations

1. Some of the students and their family members were affected by the covid virus

2. There is no time for student's involvement in learning due to tight schedule of examinations.

3. Students are not practice huge number of programs due to late admission process

4. Discussed previous questions papers frequently

Plan of Actions:

1. Planning to Conduct Student orientation session and inculcate curriculum schedule.

2. Planning to conduct more number of presentations on difficult topics.

PSO 1: Apply concepts in Electronics & Communication Engineering to design and implement systems in the areas related to Communication, Image processing, VLSI, Antenna and Embedded systems.

Target level: 1.1   **Attainment level: 1.1**   **Target achieved**

Observations: Explained designing of circuits in engineering exploration project

Plan of Actions: Planning to conduct training on virtual projects which are applicable in communication

PSO 2: Demonstrate proficiency in utilization of software and hardware tools related to Electronics & Communication technologies, while acquiring soft skills like persistence, proper judgment through projects and industrial interactions.

Target level: 2   **Attainment level: 2.149**   **Target achieved**

Observations:

Explained how to utilize software in circuit designing which is useful for project

Plan of Actions:

Planning to conduct workshop on MATLAB

PO1 (Engineering Knowledge)
Target Level: 2.18   **Attainment Level: 2.35**   **Target achieved**

Observations:
1. Explained the importance of engineering and its applications
2. Focused on introduction classes.
3. Each and every topic explained with examples.
4. Explained the engineering applications.
5. Focused more on the important topics of basic engineering.
6. Special classes for slow learners.
7. Summarized and revised the lessons more number of times
8. Unit wise tests conducted.
9. Conducted revision classes for absentee students.

Plan of action:
1. Need to focus more on the basic concepts & definition of engineering elements.
2. After explaining the theory next to visit the laboratory of same lecture
3. Need to explain the concepts with inter disciplinary department
4. Need to focus more on the engineering principles of core subjects
5. Explain with ppts & animation of engineering working applications
6. Revision classes will be conducted on difficult topics
7. Slow learners were given special attention by conducting remedial classes
8. Made every student to understand the mathematical skills learnt in each unit to apply relevant problems as per the syllabus.
9. Problems are to be given as home work for practice.

PO2 (Problem Analysis)
Target Level: 2.09   **Attainment Level: 2.41**   **Target Achieved**

Observation:
1. Focused more on formulae for better solving problems
2. Explained derivation thoroughly to prove the condition
3. Results are validated every time.
4. Explained the problem with practical applications.
5. Results are analyzed whether feasible or not.
6. More number of problems are practiced.
7. More practice sessions.
8. More emphasis was given on solving Previous Question Papers
9. Conducted more number of Assignments &Tests
10. Revision of experiments was conducted
11. Programming is the main area where students should be able to write the code.

Plan of action:

1. Assignments and Home works are given regularly
2. Practice more number of old question paper problems
3. Monitor the progress of students after class test
4. Providing good teaching material.
5. Solving of more numericals in each unit
6. Revision lab sessions for Optics related experiments
7. Students were given hands on experience through experiments
8. Students need more sessions for more practice

PO3 (Design/Development of Solutions)

Target Level: 1.87   Attainment Level: 2.34   Targets Achieved

Observations:

1. More number of numericals was practiced
2. Programming is easy for doing number of programs to practice Po3
3. Revision of experiments was conducted
4. Students got basic knowledge on networking related concepts of LINUX
5. Practical sessions were conducted regularly

Plan of action:

1. Elaborate revision sessions for critical units (3rd &5th units)
2. Explained answers to questions
3. Questions from important topics are practiced.

PO4 (Conduct Investigations of Complex Problems)

Target Level: 2.03   Attainment Level: 2. 64   Target Achieved
Observations:

1. Previous question papers were discussed frequently
2. Class tests were conducted regularly and done review based on the performance

Plan of action:

1. Planning to discuss previous question papers in next years
2. Planning to conduct more revision classes

PO5 (Modern tool usage)

Target Level: 2.00   Attainment Level: 1.00   Target Not Achieved
Observations:

1. Understanding student behaviour and improving classroom interaction
2. Persons from industries visited the campus & deliver the lecture on isometric by using AUTOCAD, preferred more time for the drawing practice
3. Focused on laboratory sessions.
4. Allocated kits for one-to-one basis.
5. Lab experiments were explained regularly.
6. Revised experiments after completion of each cycle
7. Virtual labs were taught.

Plan of action:

1) Innovative methods will be planning to introduce.

2) Regular practical sessions planning to implement in next years also.

3) Planning to conduct virtual labs in the next year

4) Planning to conduct revision frequently.

PO6 (The Engineer & Society)

Target Level: 2.25   Attainment Level: 2.66   Target Achieved

Observations:

1. Conducted class tests regularly

2. Monitoring students attendance regularly

Plan of action:

1. Train the students to answer the questions in a more proper way

2. Planning to involve students in learning process through question & answer sessions

PO7 (Environment &Sustainability)

Target Level: 2.70   Attainment Level: 2.61   Target not achieved

Observations:

1. Environmental sustainability is the capacity to improve the quality of human life while living within the carrying capacity of the earth's supporting ecosystems.

2.Environmental sustainability is about stabilizing the currently disruptive relationship between earth's two most complex systems: human culture and the living world.

Plan of action:

1. Study material is to be given to students those who failed in examination.

2. Revision classes will be conducted by choosing important topics

3. Question bank will be given to students

PO8 (Ethics)

Target Level: 2.33   Attainment Level: 2.69   Target Achieved

Observations:

1. Students attended seminars and workshops.

2. Students understood the concepts of Ethics

Plan of action:

1. Students are to be motivated to be number of professional societies such as IEEE, CSI , SAE, IETE from first year onwards to build the rapport with outside world.

2. Students are to be motivated to participate in NSS and other activities.

PO9 (Individual & Team work)

Target Level: 2.06   Attainment Level: 1.32   Target Not Achieved

Observations:

1. Students were working individually in practical sessions.

2. Lack of awareness on the importance of team work

Plan of action:

1. Planning to conduct more sessions of soft-skills training to the student for improving presentation skills as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
2. Students are to be mentored and guided to do projects for various social and real time issues as a member or leader in diverse teams

PO10 (Communication)

Target Level: 3.00   Attainment Level: 2.61   Target Not Achieved

Observations:

1. As most of the students from rural background they are lagging in communication skills.
2. Rural students are having Mother Tongue Influence and fear in using English as Language medium.

Plan of action:

1. Planning to develop the verbal ability of the students.
2. Make the students to express themselves clearly in speech and writing by planning to conduct more number of activities.
3. .Planning to conduct more number of motivational sessions to come students out of fear.

PO11 (Project Management & Finance)

Target Level: 0.00   Attainment Level: 0.00

Observations:

Po11is not mapped with present curriculum

Plan of action:

This PO will be mapped in core subjects from 2nd year.

PO12 (Life-long Learning)

Target Level: 2.33   Attainment Level: 2.55   Target achieved

Observations:

1. Project models were explained for student understanding purpose
2. More number of models were explained for students better understanding.

Plan of action:

1. Students active participation will be made mandatory in upcoming workshops.
2. Planning to synchronize theory concepts with practical applications.

CRITERION 9	STUDENT SUPPORT SYSTEMS	50

9. STUDENT SUPPORT SYSTEMS (50)

9.1 Mentoring System to Help at Individual Level (5)

Type of mentoring: Professional guidance/career advancement/course work specific/laboratory specific/all/round development. Number of faculty mentors: Number of students per mentor: Frequency of meeting:

Type of Mentoring: students are counseled for academic improvement, career improvement and personality development

(The institution may report the details of the mentoring system that has been developed for the students for various purposes and also state the efficacy of such system)

Mentoring System to Help at Individual Levels:

1. Details of Mentoring System:

The meeting of the members of the college committee will be held in the beginning of the academic year to propose and plan for the activities during every academic year which will be recorded as minutes. Committee consists of faculty members at various levels along with student members. Institute has unique mentoring system in which 20 to 25 students are allotted to one faculty mentor based on the strength of faculty and students and all details of the students such personal and academic performance will be recorded. Faculty mentors regularly monitor the students' activities, performance, behavior and psychological factors, if any.

Faculty mentor interacts with the students and try to find the reasons for not performing in academics and also will try to identify any other problem such as stress related issue and he/she will referred to counselors, if needed. Faculty members are always advised to attend the training programmes relevant to mentoring/counseling. All the students are motivated to participate in various co/curricular /extra/curricular activities/programmes conducted on/campus/off/campus and similarly, faculty members are also encouraged to participate in all the professional activities with an aim to groom the students with all/round development and faculty members with improved performance. Strict confidentiality will be maintained during the process of counseling of students. If problem is serious then that student will be taken to Psychiatrist/Psychologist with intimation to his/her parent.

Parent meetings are conducted once in a semester and the attendance and performance of their wards, policies of the Institute and other matters related to academics, placements will be briefed them. Apart from this, follow/up sessions will be carried out by the faculty members regularly. All the parents are appraised with the data of their wards individually and suggestions will be given to improve their ward's performance and at the same time, feedback from the parents also will be taken which will be recorded.

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Department of Electronics & Communication Engineering
Class Time Table

Class: II-B.TechECE-A   2021-22   Sem: I   W.E.F- 20-10-2021   LH:- RB-217

	I 9:30-10:20	II 10:20 -11:10	III 11:10-12:00	IV 12:00-12:50	12:50-1:50	V 1:50-2:40	VI 2:40-3:30	VII 3:30-4:20
MON	SS	STLD	RVSP	RVSP	L U N C H	EDC	STLD/EDC(T)	LIB
TUE	EDC	EDC/STLD LAB				STLD/EDC(T)	SEM	SPORTS
WED	M3	EDC	SS	RVSP		EDC/STLD LAB		
THU	SS	M3	RVSP/SS(T)	RVSP		STLD	EDC	INT
FRI	RVSP	SS	M3	EDC		EDC	SS/M3(T)	CO-C/SS/DA
SAT	STLD	M3/RVSP(T)	RVSP	COUN		JAVA LAB		

*(T) – Tutorial Concern Faculty

Course Code	University Code	Course Name	Name of the Faculty	Course Code	University Code	Course Name	Name of the Faculty
C211	R2021011	M3: Mathematics-III	Mrs. Ch.Satya Lakshmi	C218	R2021047	STLD LAB:Switching Theory& Logical Design Lab	Mrs.P.Mamathadevi/ Mr.S.Siva Prasad
C212	R2021041	EDC: Electronics & Device Circuits	Mrs.Ch Janaki Devi	SPORTS		SPORTS	Mr.S.Siva Prasad
C213	R2021042	STLD: Switching Theory and Logic Design	Mrs.PMamathadevi	COUN		COUNCELLING	Mr.V.Kiran
C214	R2021043	SS:Signals& Systems	Mr.S.Siva Prasad	INT		INTERNET	Mrs.Ch Janaki Devi
C215	R2021044	RVSP:Random Variables & Stochastic Processes	Mr.V.Kiran	SEM		SEMINAR	Mr.M.Suresh
C216	R2021045	JAVA LAB: OOPS Through JAVA LAB	Mr.Giridhar	CO-C/SS/DA		Co-curricular Activities	Mrs.P.Mamathadevi
C217	R2021046	EDC LAB: Electronic Device Circuits LAB	Mrs.Ch Janaki Devi/ Mrs.Y.Sugandhi Naidu	LIB		LIBRARY	Mr.V.Kiran

Class In-Charge   Dept. Time Table Coordinator   Head of the Department

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Class: II-B.Tech EEE-A   A-Y: 2021-22   Sem: I   Class Time Table   W.E.F- 08-10-2021   LH:- NB-103

DAY	1 9:30-10:20	2 10:20-11:10	3 11:10-12:00	4 12:00-12:50	12:50-1:50	5 1:50-2:40	6 2:40-3:30	7 3:30-4:20
MON	EMF	DCM&T	GD/ Co-C/ DA/SS	ECA-II	LUNCH	M-IV	PE&M	COUN
TUE	DCM&T	EDC(T)/ ECA-II(T)	Skill Course			LIB	M-IV	PE&M
WED	EDC	Electrical Circuits Lab/ Electronic Devices Circuits Lab				DCM&T	M-IV(T)/EDC(T)	EDC
THU	EDC	SEM	DCM&T (T)/ EMF(T)	ECA-II		Electrical Circuits Lab/ Electronic Devices Circuits Lab		
FRI	ECA-II	EMF	EMF(T)/ DCM&T (T)	DCM&T		Skill Course		SPORTS
SAT	M-IV	DC Machines & Transformers lab				INT	ECA-II(T)/ M-IV(T)	EMF

*(T) – Tutorial Concern Faculty

Course Code	University Code	Course Name	Name of the Faculty	Course Code	University Code	Course Name	Name of the Faculty
C211	R2021021	M-IV-Mathematics–IV	Ms.G.Parvathi	C217	R2021027	DCM&T LAB- DC Machines and Transformers Lab	Mr.D.TataRao Mr. T.Lakshminarayana Mr B Veerraju
C212	R2021022	EDC-Electronic Devices and Circuits	Ms.T.Hima Bindu	C218	R2021028	EDC LAB- Electronic Devices and Circuits lab	Ms. T.Hima Bindu Mrs.T.Krishna Mohana
C213	R2021023	ECA-II- Electrical Circuit Analysis –II	Mr. Ch.Manoj	INT		Internet	Mr. M. Balu
C214	R2021024	DCM&T- DC Machines and Transformers	Mr.K.Manoz Kumar Reddy	LIB		Library	Mr. T.Lakshminarayana
C215	R2021025	EMF- Electro Magnetic Fields	Mr.D.TataRao	COUN		Counseling	Mr. T.Lakshminarayana Mr. Y.Srinivas Mrs.T Himaja Mrs. T.Padmavarani

System of Mentoring:

The following system at institute level is being followed:

Number of faculty mentors   : 126

Number of students per mentor   : 20 (Max.)

Frequency of mentoring   : Once in a week

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2. Type of Mentoring System:

(a) Academic Support Programmes:

All the students are supported at Institute level with counseling services, peer support interventions and psycho/educational assessments as per the need to address issues such as test anxiety, Study skills, learning differences, academic goal setting, test/taking skills, concentration and memory related concerns and time management issues.

(b) Career Development Programmes:

Students are assisted in making decisions related to their career and development and they are asked to collaborate with placement and training cell for their betterment. Career guidance and one/to/one counseling services will be provided to the students periodically as well as when they needed to address the issues such as Psycho/educational assessment, Career related information/courses, Scholarships etc.

(c) Personal Counseling:

Personal counseling will be provided to the students with an objective to provide better mental health care, to help the students develop their coping skills and to provide proper therapeutic support as when required. Counseling will be provided as one/to/one service and based on referrals to address the issues Relationship and adjustment issues, Stress related concerns, issues relating to self/esteem and personal growth, Body image and eating disorders, Substance abuse and other addictions, Depression and suicidal tendencies, Auto suggestions, sleeping related problems.

(d) All – Round Development:

Students are encouraged to participate in cultural, literary and sports activities to develop their individual qualities/traits such as leadership traits, decision/making capability, team spirit, socio/psychological awareness, organizing skills and expected a student to develop himself/herself overall personality and intellectually integrated person.

(e) Crisis Management

Students are supported with immediate and short/term intervention during personal crisis and proper guidance will be provided at appropriate centers with therapeutic support as and when necessary. Support will be mobilized with immediate action through telephone and/or online and through personal counseling to address the issues such as suicide cases, Clinical depression, Substance abuse, other stress related crises. Based on the above factors the following programs were conducted in the last three academic years.

3. Efficacy of Mentoring/Counseling System:

The mentoring/counseling system developed by the college has proved to be effective and it is being implemented with the following parameters:

S.No.	Parameters	Efficacy
1	Academic counseling	Enhanced / improved
2	Higher studies	Based on counseling, many students went to higher studies.
3	Co/curricular activities	Students were participated in many sports events and won the prizes also.
4	Students attendance	Improved

Students and Faculty Interaction Format: The following format is being used and all the observations will be recorded while interacting with the students along with the student profile.

Impact of the System: Impact of the system is presented academic year wise in the following table:

Type of counseling	2020 -21 No.of Students Benefitted	2019 -20 No.of Students Benefitted	2018 -19 No.of students benefitted
Academic counseling	87	45	21
Higher studies	17	13	4
Co/curricular activities	123	96	64
Students attendance	43	19	9

9.2 Feedback Analysis and Reward/Corrective Measures Taken, if any (10)

(Feedback collected for all courses Specify the feedback collection process Average Percentage of students who participate Basis of reward/ corrective measures, if any; Indices used for measuring quality of teaching& learning and summary of the index values for all courses/teachers; Number of corrective actions taken).

Institute collects the feedback from all the students for programmes and will be analyzed to assess the quality of teaching and learning. The process of feedback will be carried out in three stages: (a) Feedback collection (b) Feedback analysis (c) Reward/corrective measures.

Feedback Collection

Collection of feedback for all the courses is a well organized system and will be taken from all the students in computer laboratory by distributing the feedback questionnaire through Local Area Network (LAN). Feedback will be collected on 4/point rating scale and the details are presented in the table:

Activity	Description
Feedback collection	From all students on courses/programmes
Collection process	Collected in computer laboratory by distributing Feedback form through LAN and student will login and respond to questionnaire
Frequency of feedback collection	Twice in a semester
Rubrics used for calculation	4/Very Good; 3/Good; 2/Average; 1/Below average

Feedback Analysis

Summary of the feedback reports pertaining to the courses, programmes and teaching/learning will be prepared, usually on 4/point scale and the expected feedback for a faculty member from the students is 3 out of 4. Feedback is shared with heads of the respective departments. Informal feedback is also taken directly by the heads from time to time during the ongoing semester.
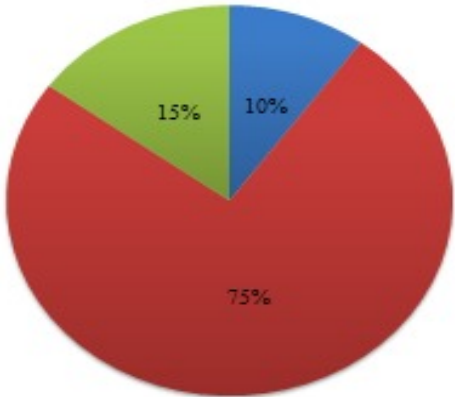
ADITYA COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to JNTUK, Kakinada)
(Recognized by UGC under section 2(f) of UGC Act 1956)
Aditya Nagar, ADB Road, Surampalem - 533 437.

II, III & IV YEARS II SEM (2019-20) –EEE DEPARTMENT ONLINE FEEDBACK – 25.01.2020–ANALYSIS REPORT

			Date:27.01.2020
TOTAL NO OF FACULTY	20		
FEEDBACK > 90%	2	**APPRECIATION LETTER**	
FEEDBACK 90-65%	15	**NO ACTION TAKEN**	
FEEDBACK <65%	3	**CORRECTIVE MEASURES FORM**	

FACULTY WHO GOT > 90%
Mr.P.SRIDHAR
Mrs.T.HIMAJA
FACULTY WHO GOT <65%
Mr. D.TATA RAO
Mr.VENKATA KUMAR REDDY
Mr.M.SATYANARAYANA RAJU

FEEDBACK ANALYSIS REPORT

A special emphasis is paid on transparency and impact of the feedback system. A range of parameters that are used for collecting the feedback data are: Subject Depth (Theory/Practical); Way of Teaching Theory; Involvement in teaching (commitment) Theory; The teacher is regular & prompt to the class Theory; Overall Assessment Theory etc. A format of student feedback on teaching/learning is given and feedback forms are given as sample:

V Chandra Sekhara Rao					
Subject	Python Programming				
Sem - Branch - Section	3-CSE-A				
Department	CSE		Employee ID		709
Email	chandrasekhara_cse@acoe.edu.in				
	Below Average	Average	Good	Very Good	Percentage
Subject Depth Theory	0	0	25	38	90.08
Way of Teaching Theory	0	4	19	40	89.29
Involvement in Teaching (commitment) Theory	0	2	23	38	89.29
The teacher is regular & prompt to the class Theory	0	2	21	40	90.08
Overall Assessment Theory	0	2	21	40	90.08
No.Of Students	63		Overal %		89.76
Suggestions					
way of teaching is good					
good					
need some more effective teaching					

CH.NARESH					
Subject	Water Resources Engineering - II				
Sem - Branch - Section	7-CIVIL-A				
Department	CIVIL		Employee ID		3589
Email	naresh_civil@acoe.edu.in				
	Below Average	Average	Good	Very Good	Percentage
Subject Depth Theory	1	4	8	17	84.17
Way of Teaching Theory	2	3	10	15	81.67
Involvement in Teaching (commitment) Theory	2	2	8	18	85
The teacher is regular & prompt to the class Theory	3	2	14	11	77.5
Overall Assessment Theory	2	3	9	16	82.5
No.Of Students	30		Overal %		82.17
Suggestions					
very good teaching					
thanks for ur guidance sir.... thanking u so much					
good					
helping hands					
plzz say properly first					

Rewards/Corrective Measures

Course feedback about teaching/learning will be collected from students and analyzed at department level and will be discussed in the Academic Committee. Corrective action will be initiated based on the analysis wherever and whenever required and the process is displayed in the form of flowchart.
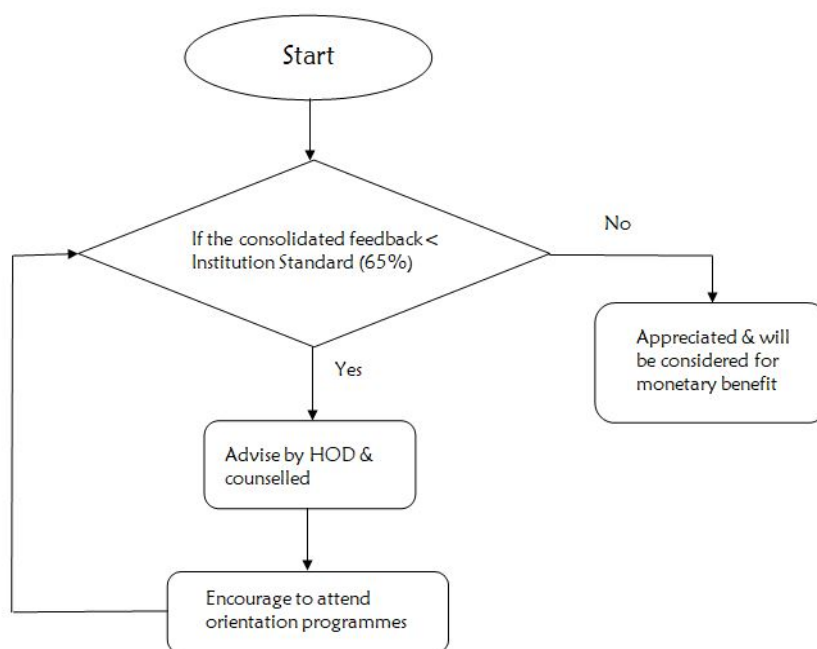
Faculty members who follow good and innovative teaching pedagogies are appreciated and rewarded in recognition of their exemplary efforts of Resourcefulness, Clarity in explanation, effective communication, syllabus coverage, Innovations in bringing about the change, Dependability in their work, Expertise used and developed in academics, research and patenting, Corrective actions are taken for the faculty whose score is less than the expected by encouraging faculty to attend more Faculty Development Programs, (FDPs) and to change the pattern of teaching. Suggestions are given to enhance their teaching skills with the peer support within a stipulated time period. The performance is reviewed by the head of the department regularly and consolidated reports of feedback are presented here as sample:

The performance is reviewed by the head of the department regularly and consolidated reports of feedback are presented here as sample:

Corrective Measures Based on Feedback				
Academic Year	No.of Faculty Members	No.of Faculty Members Above Institution Standard	No.of Faculty Members Below Institution Standard	Corrective Measures
2021-22	176	145	31	• Counseled by HoD • Advised to attend orientation programmes • Advised to interact with senior faculty to take suggestions for improvement
2020-21	186	163	23	
2019-20	183	148	35	
2018-19	187	156	31	

9.3. Feedback on Facilities

ACOE follows the following procedure to collect and analyze the feedback on facilities (a) Gathering feedback (b) Analysis (c) Initiate corrective action and the process is discussed here.

Gather Feedback on Facilities

Institution provides sustainable and state/of/art infrastructure facilities and assessment of facilities will be done based on the feedback from students at the end of the year. Suggestion box is also made available in the premises to receive suggestions from the students. Grievance Redressal committees also collect information and submit to higher authorities. The alumni network of the institution is very strong and they take part in survey during the alumni activity conducted every year. Feedback will be collected during the exit survey and parent/teacher meetings about the facilities of the institution to provide effective learning environment. Young aspirants as students are given much focus about their overall development and Institute maintains all the data related to feedback.

Feedback Analysis:

Feedback collected from the students and outgoing students will be analyzed their rating and the suggestions given by them will be noted down every academic year. The samples of feedback formats for students and outgoing students along with the analysis are presented.

Exit Feedback Form Analysis

Exit Feedback Analysis of Outgoing Students

1. Please rate the canteen facilities provided in the campus?

As per the feedback taken from the students, 72% of the students are Excellent about the given question on Facilities, 12% of the students are very good, 10% are good and remaining 6% of the students are satisfactory.
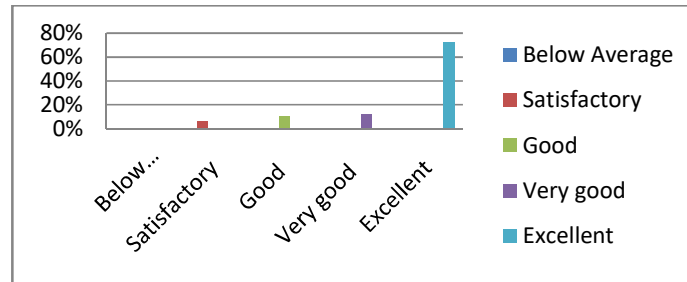
2. Please rate the class room ambience and infrastructure?

As per the feedback taken from the students on class room ambience, 74% of the students expressed Excellent, 10% of the students expressed very good, 12% of the students expressed good and remaining 4% of the students felt satisfactory.
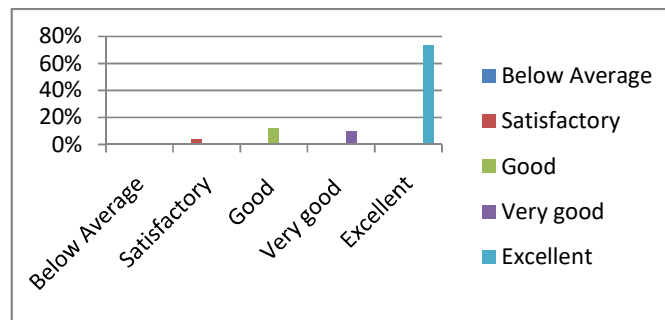
3. Please rate the Wi/Fi and internet facility provided in the campus?

As per the feedback taken from the students, 70% of the students are Excellent about the Wi/Fi and internet facility 10% of the students is very good, 10% are good and remaining 10% of the students are satisfactory.
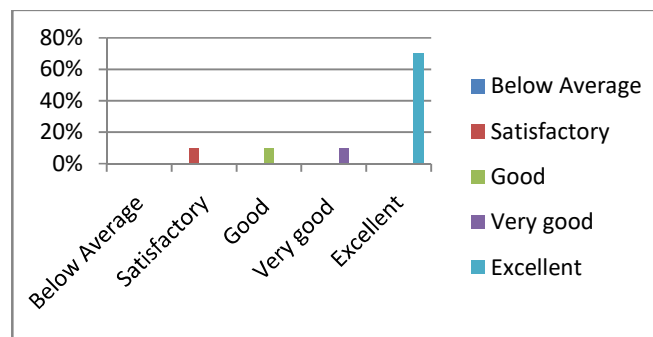
4. Please rate the hostel facility provided by the Institute?

As per the feedback taken from the students on hostel facility, 84% of the students expressed Excellent, 5% of the students expressed very good, 5% of the students expressed good and remaining 6% of the students felt satisfactory.
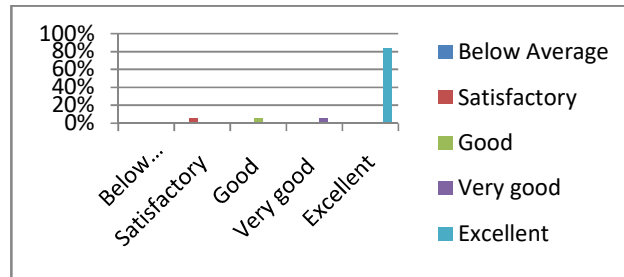
5. Please rate the overall faculty of laboratories and equipment?

As per the feedback taken from the students on laboratories and equipment, 87% of the students expressed Excellent, 3% of the students expressed very good, 5% of the students expressed good and remaining 5% of the students felt satisfactory.
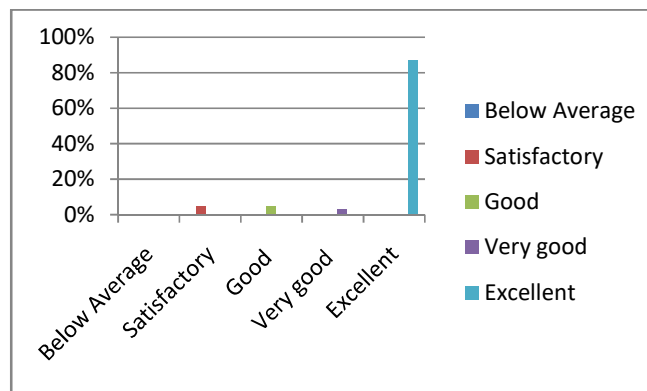
6. Please rate the facilities and resources available in the library?

As per the feedback taken from the students, 90% of the students expressed Excellent about the facilities and resources available in the library, 04% of the students expressed very good, 06% of the students expressed good.
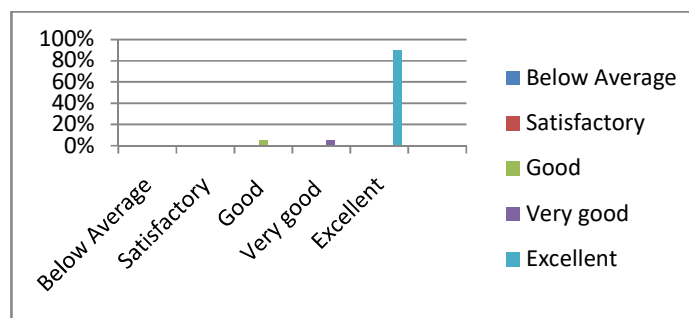
7. Please rate the placements support and assistance in the campus?

As per the feedback taken from the students on placements, 92% of the students expressed Excellent, 6% of the students expressed very good, 4% of the students expressed good.
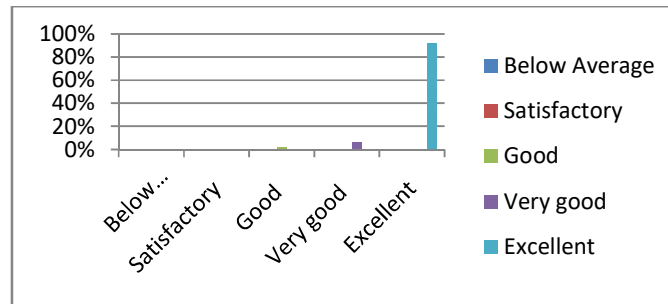
8. How do you rate the responsiveness of college administration?

As per the feedback taken from the students on college administration, 80% of the students expressed Excellent, 10% of the students expressed very good, 5% of the students expressed good and remaining 5% of the students felt satisfactory.
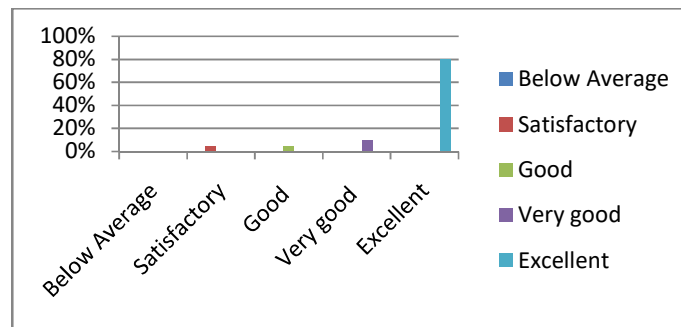
9. How you enjoy the sports and games facilities in the campus, please rate?

As per the feedback taken from the students on sports and games facilities, 91% of the students expressed Excellent, 5% of the students expressed very good, 04% of the students expressed good.
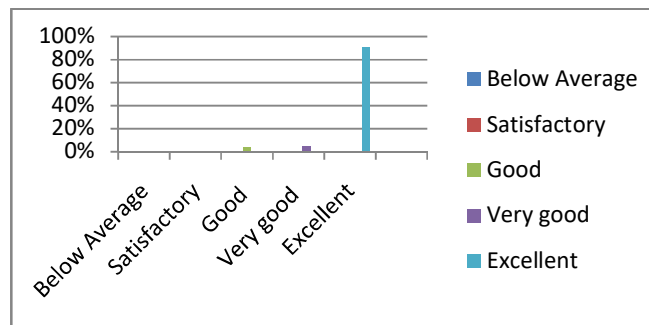
10. Have you satisfied with wash room/toilet facility and maintenance, Please rate?

As per the feedback taken from the students on room/ toilet facility, 90% of the students expressed Excellent, 5% of the students expressed very good, 5% of the students expressed good.
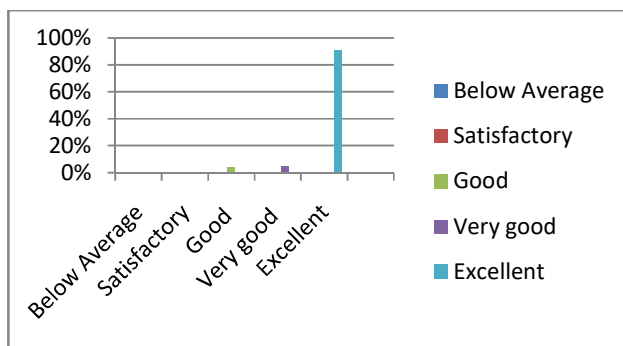
11. Please rate the transport facility provided by the college?

As per the feedback taken from the students on transport facility, 75% of the students expressed Excellent, 5% of the students expressed very good, 10% of the students expressed good and remaining 10% of the students felt satisfactory.
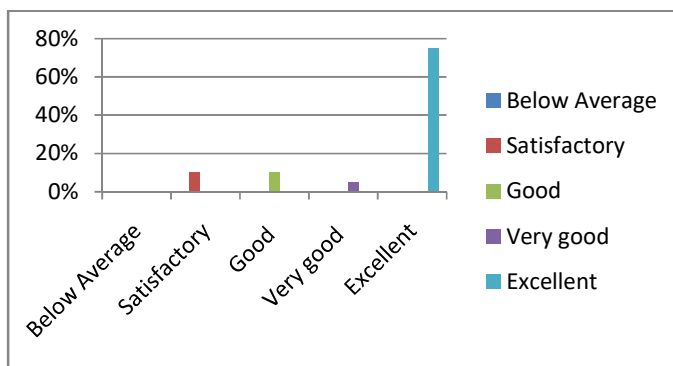
12. Please rate the Extra – curricular infrastructure at College?

As per the feedback taken from the students on extra/curricular infrastructure at college, 92% of the students expressed Excellent, 6% of the students expressed very good, 2% of the students expressed good.
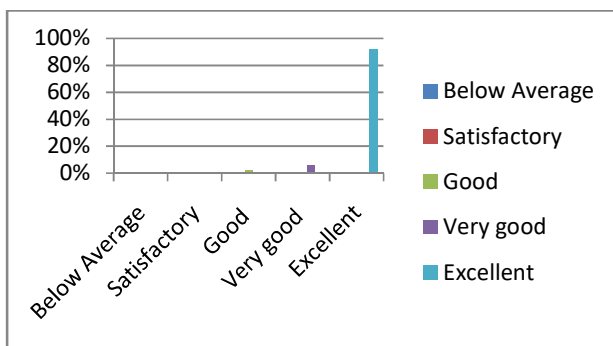
Suggestions:

1. Mega events like Colours should be conducted.
2. Canteen facilities should be improved.
3. More no of the cultural and sports events should be conducted
4. In digital library some of the systems are not working for browsing NPTEL videos.

Feedback Analysis on Facilities/Students

1. How do you rate the Canteen facilities provided by the institution?

As per the feedback taken from the students, 74% of the students are Excellent about sports and games facilities in the campus 10% of the students are very good, 12% are good and remaining 4% are satisfactory.

2. How do you rate the class room Infrastructure?

As per the feedback taken from the students on class room ambience and infrastructure, 75% of the students expressed Excellent, 10% of the students expressed very good, 5% of the students expressed good and remaining 10% of the students felt satisfactory.
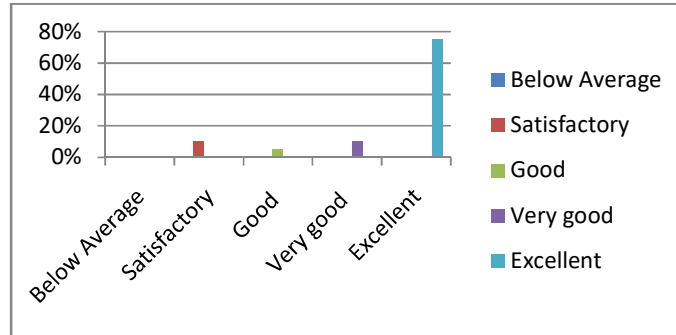
3. How do rate the cyber lab facility provided by the institution?

As per the feedback taken from the students on cyber facilities, 90% of the students expressed Excellent about the facilities and resources available in the library, 04% of the students expressed very good, 06% of the students expressed good.
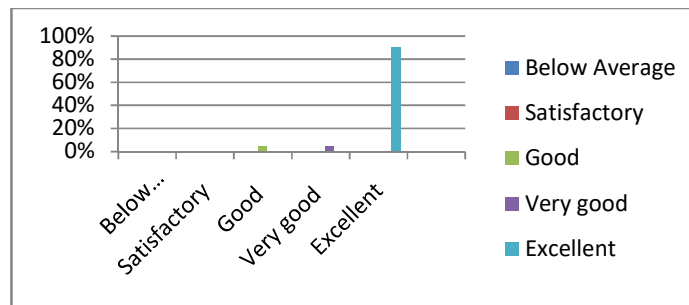
4. Are you satisfied with the Extra – curricular infrastructure at College?

As per the feedback taken from the students on extra/curricular Infrastructure, 87% of the students expressed Excellent, 3% of the students expressed very good, 5% of the students expressed good and remaining 5% of the students felt satisfactory.
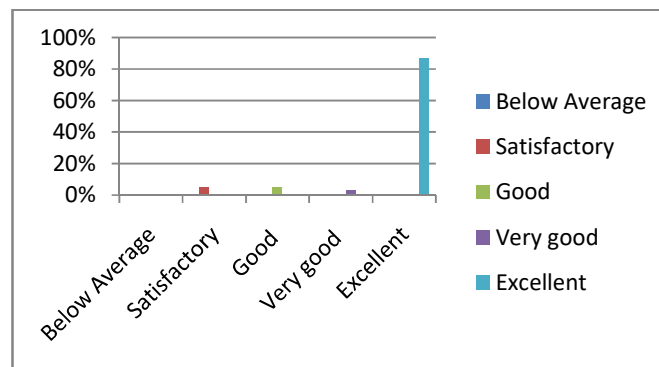
5. Are you satisfied with the Hostel Facility provided by the institution?

As per the feedback taken from the students on hostel facility, 90% of the students expressed Excellent, 5% of the students expressed very good, 5% of the students expressed good.
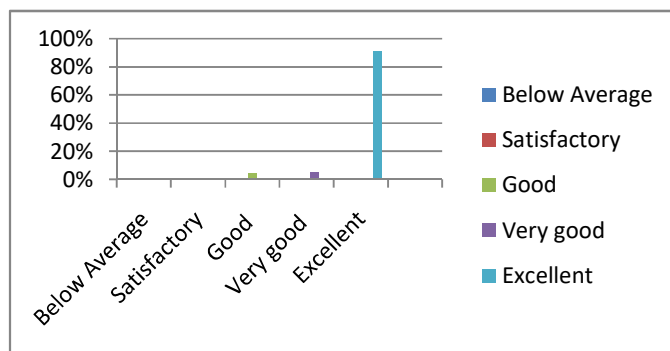
6. How do you rate the Lab facilities at the institution?

As per the feedback taken from the students on lab facilities, 70% of the students expressed Excellent, 10% of the students expressed very good, 10% expressed good and remaining 10% of the students felt satisfactory.
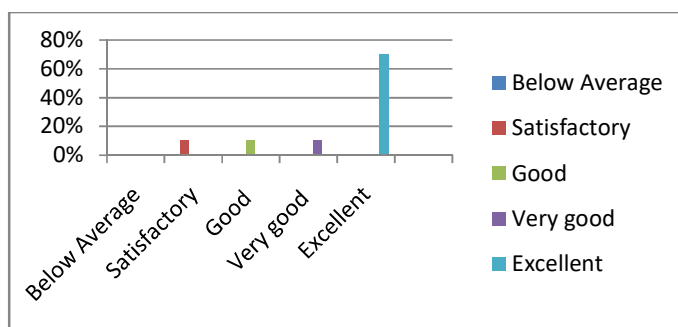
7. How do you rate the Library Facilities provided by the institution?

As per the feedback taken from the students on library facility at college, 92% of the students expressed Excellent, 6% of the students expressed very good, 2% of the students expressed good.
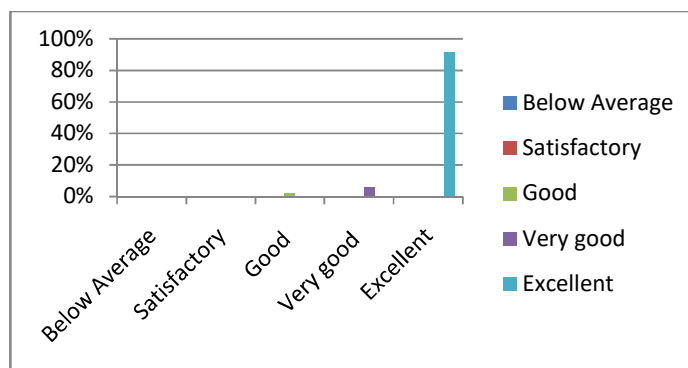
8. Are you satisfied with the placement support provided?

As per the feedback taken from the students on placement support, 91% of the students expressed Excellent, 5% of the students expressed very good, 04% of the students expressed good.
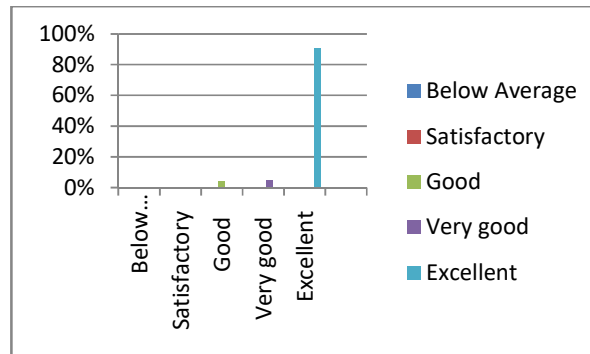
9. How is the responsiveness of College Admin office?

As per the feedback taken from the students on college admin office, 85% of the students expressed Excellent, 10% of the students expressed very good, 5% of the students expressed good.
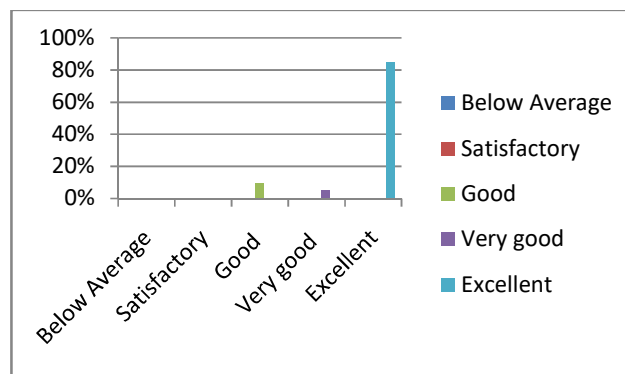
10. How is the Sports facilities provided by the Institution?

As per the feedback taken from the students on sports facilities, 75% of the students expressed Excellent, 5% of the students expressed very good, 10% of the students expressed good and remaining 10% of the students felt satisfactory.
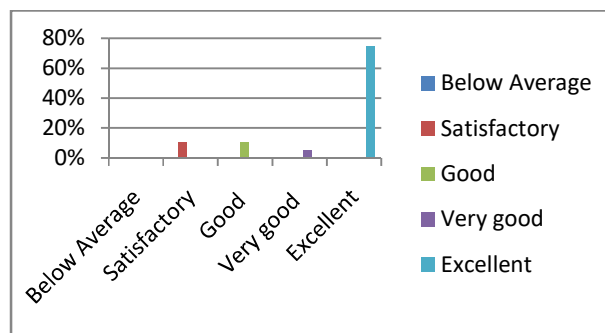
11. How do you rate the Toilet facilities and maintenance?

As per the feedback taken from the students on toilet facilities, 82% of the students expressed Excellent, 7% of the students expressed very good, 11% of the students expressed good.
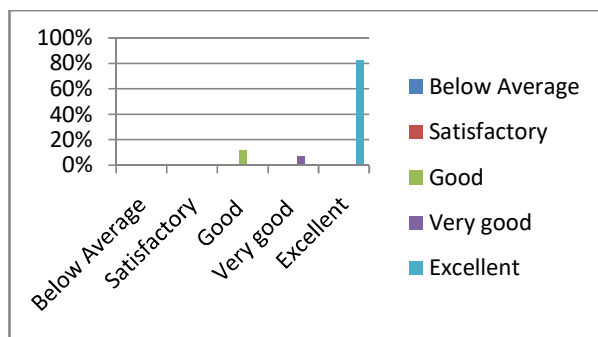
12. How do you rate the transport facility provided by the college?

As per the feedback taken from the students on transport facility, 74% of the students expressed Excellent, 10% of the students expressed very good, 06% expressed good and remaining 10% of the students felt satisfactory.
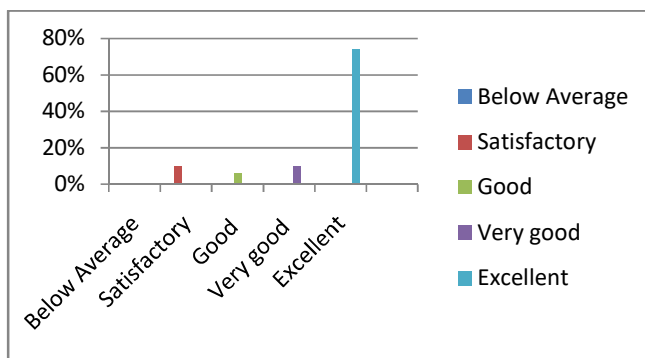
Suggestions:

1. In digital library some of the systems are not working properly for using NPTEL videos.
2. Projectors are not working in some of the class rooms.
3. Bus route are covered all over but limited stops are implemented kindly increase the stops.

Visitors Feedback Form Analysis

1. Is the college approachable?

As per the feedback taken from the visitors on college approaching, 82% of the visitors expressed Excellent, 8% of the visitors expressed very good, 5% of the visitors expressed good and remaining 5% of the visitors felt satisfactory.
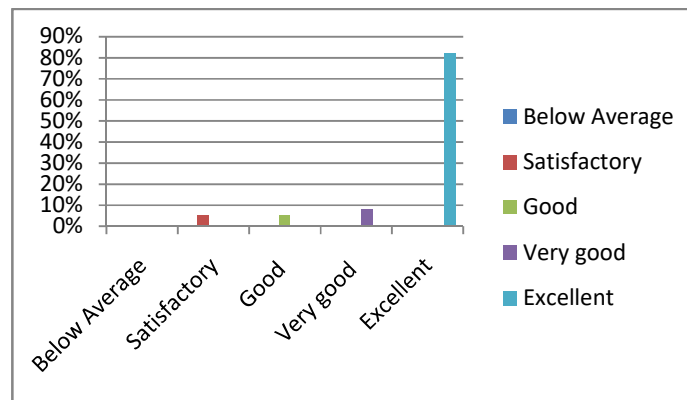
2. How do you rate the institute Infrastructure?

As per the feedback taken from the visitors on is institute infrastructure, 85% of the visitors expressed Excellent, 10% of the visitors expressed very good, 5% of the visitors expressed good.
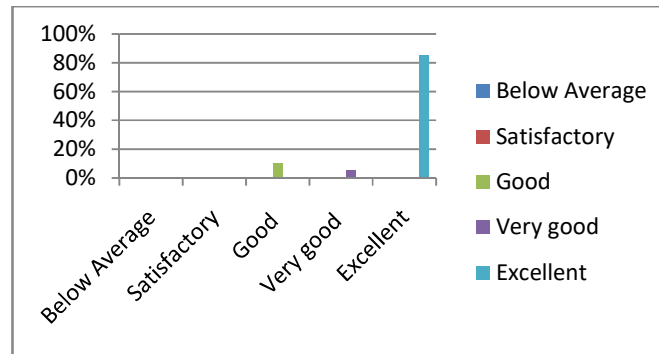
3. Front office support and cordial behavior?

As per the feedback taken from the visitors on office support, 84% of the visitors expressed Excellent, 6% of the visitors expressed very good, 5% of the visitors expressed good and remaining 5% of the visitors felt satisfactory.
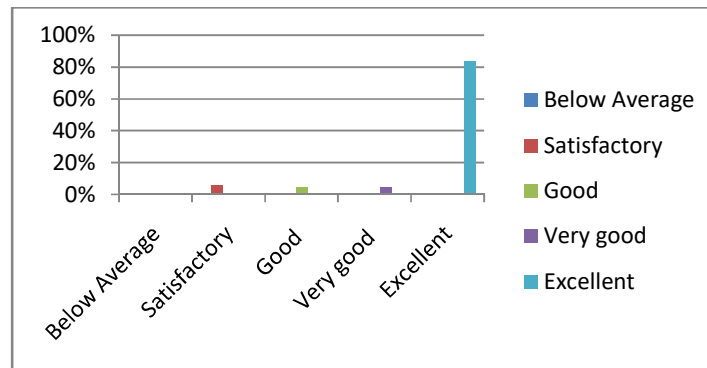
4. The person whom you have met is cordial and informative?

As per the feedback taken from the visitors on cordial and informative, 84% of the visitors expressed Excellent, 6% of the visitors expressed very good, 5% of the visitors expressed good and remaining 5% of the visitors felt satisfactory.
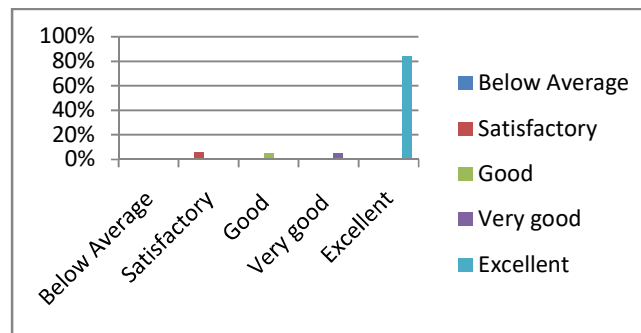
5. The Campus is green and eco/friendly.

As per the feedback taken from the visitors on green and eco/friendly, 91% of the visitors expressed Excellent, 5% of the visitors expressed very good, 4% of the visitors expressed good.
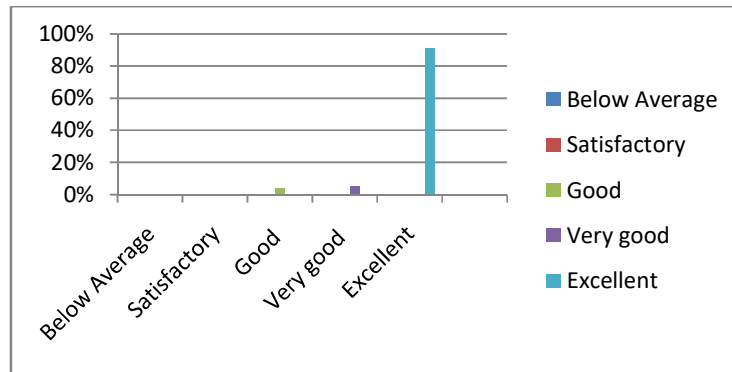
6. Transport Facility

As per the feedback taken from the visitors on transport facility, 85% of the visitors expressed Excellent, 6% of the visitors expressed very good, 9% of the visitors expressed good.
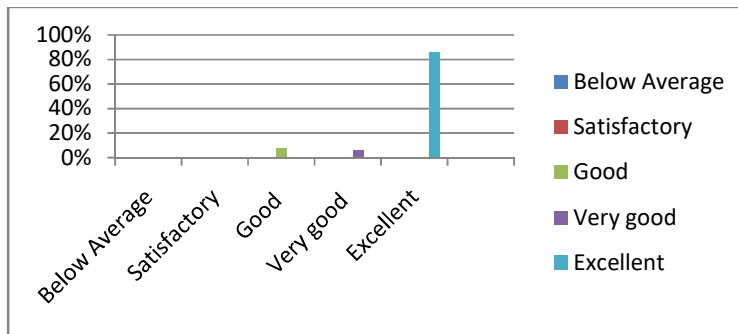
7. Hostel Facility available.

As per the feedback taken from the visitors on hostel facility, 80% of the visitors expressed Excellent, 10% of the visitors expressed very good, 5% of the visitors expressed good and remaining 5% of the visitors felt satisfactory.
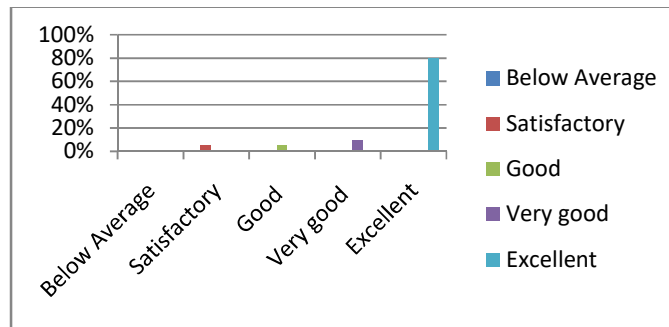
8. Canteen facilities are available in the campus.

As per the feedback taken from the visitors on canteen facility, 90% of the visitors expressed Excellent, 5% of the visitors expressed very good, 5% of the visitors expressed good.
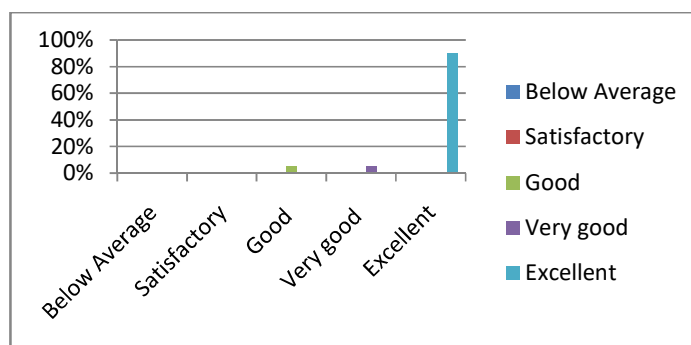
9. Overall rating of the institution.

As per the feedback taken from the visitors on overall rating, 91% of the visitors expressed Excellent, 5% of the visitors expressed very good, 4% of the visitors expressed good.
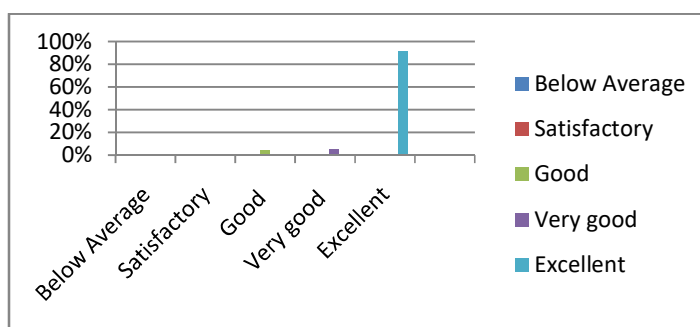
Suggestions:

1. Try to arrange, to and fro travel support for visitors from ADB road to Campus main gate.
2. Direction boards are present in the campus but still try to provide route map of the college in poster format to reach respective locations without any difficulty.

Action Taken Report

Strengthening of the infrastructure for various facilities has been made with the constructive feedbacks from the stake holders. Suitable corrective and remedial measures are taken periodically based on these feedback and survey reports to improve the facilities of the institution. Students are motivated to provide feedback and help the institute to identify and fill the gaps. A sample statement of feedback on facilities and its corrective action is presented.

S.NO	Feedback	Action taken
1	Some of the systems in the library are not functioning properly to view NPTEL videos	Library systems which are having issues to open NPTEL videos are rectified and brought into usage.
2	Sports facilities should be improved	The requirement has been communicated to the principal for the further improvement of sports facilities.
3	Transport facility from the main road to campus should be provided for day scholars.	Mini bus facility from ABD road to campus has been taken into management notices for further action.

9.4. Self Learning

(The institution needs to specify the facilities, materials and scope for self – learning / learning beyond syllabus, webinars, podcast, MOOCs etc., and evaluate their effectiveness)

ACOE maintains all the resources for the students in the campus which is presented

Facilities of Self Learning

Facilities that is available in the Institute to encourage the students for self/learning are Library, Digital Library in college and Department Library apart from online resources.

Central Library in the college has numerous number of books from great publishers for the course work, research purpose and for competitive exams like GATE, CAT, IES and many more.
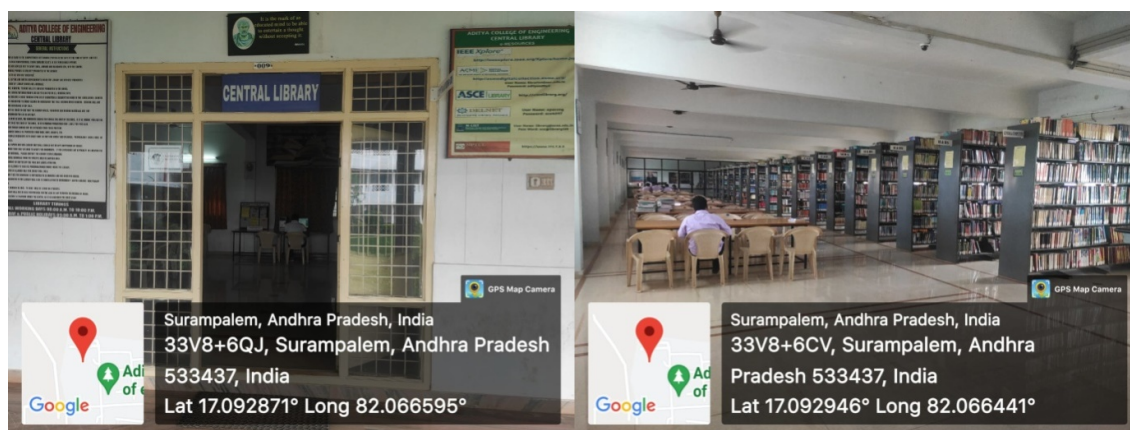
Digital Library is provided separately in the college for online resources access. Apart from the textbooks, college has also provided e/resources access for the students learning purpose. Library in college has provided access to various e/books and e/journals for promoting resource sharing among the libraries. They act as a crucial role for improving student knowledge. Library has access to various e/resources memberships which are listed below.

E-Resources Provided for the Year 2021-22

Details Of Memberships	E-Resources	Details Of Subscriptions	Name Of Services Subscribed To	Validity Period	Usage Report From The Service Provider	Whether Remote Access Provided (Yes / No)
Annual Membership	Data Base	DELNET	DELNET	26 January 2023	Available	Yes
Annual Membership	N-List	N-List	INFLIBNET	March 2023	Available	Yes
Annual Membership	Elsevier Engg & CS	Elsevier Engineering and Computer Science Package	Global Information Systems Technology	31st January 2023	Available	Yes
Annual Membership	Knimbus	Knimbus mLibrary Campus Acc	KNIMBUS ONLINE PVT. LTD	31st January 2023	Available	Yes

E-Resources Provided for the Year 2020-21

Details Of Memberships	E-Resources	Details Of Subscriptions	Name Of Services Subscribed To	Validity Period	Usage Report From The Service Provider	Whether Remote Access Provided (Yes / No)
Annual Membership	Data Base	DELNET	DELNET	26 January 2020	Available	Yes
Annual Membership	N-List	N-List	INFLIBNET	March 2020	Available	Yes
Annual Membership	E-Books	Pearson E-Library	Paramount Books Distributor	May 2021	Available	Yes

E-Resources Provided for the Year 2019-20

Details Of Memberships	E-Resources	Details Of Subscriptions	Name Of Services Subscribed To	Validity Period	Usage Report From The Service Provider	Whether Remote Access Provided (Yes / No)
Annual Membership	Data Base	DELNET	DELNET	26 January 2020	Available	Yes
Annual Membership	N-List	N-List	INFLIBNET	March 2020	Available	Yes
Annual Membership	E-Journals	J-Gate	Cyber Info Services	December 2020	Available	Yes
Annual Membership	e-Journals	Taylor & Francis	JNTUA Consortium Of E-Resources	December 2020	Available	Yes

E-Resources Provided for the Year 2018-19

Details of Memberships	E-Resources	Details of Subscriptions	Name of Services Subscribed to	Validity Period	Usage Report From the Service Provider	Whether Remote Access Provided (Yes / No)
Annual membership	Data base	DELNET	DELNET	26 January 2019	Available	Yes
Annual membership	N-list	N-list	INFLIBNET	March 2019	Available	Yes
Annual membership	e-book	McGraw-Hill	McGraw-Hill express library	June 2019	Available	Yes

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Materials of Self Learning

Materials that are used by the students are web/based learning like NPTEL, CoursEra and Udemy, online lectures through YouTube, seminars and workshops, student seminars/presentations, assignments, paper presentations, group discussions, internships, industrial visits and projects. All the above mentioned self/learning methods have created a great impact in the learning process of the students.

Scope for Self Learning facilities

The scope of self learning is to learn beyond the syllabus to develop strong problem solving skills. The institute curriculum includes compulsory subject courses for all the UG students that are designed for overall development of student to evolve into an achiever, and all of these components are not strictly restricted to prescribed syllabus but give freedom to student to pursue topics of interest. These methods of self learning enhanced the student to dive into various fields of his/her interest.

Students utilize the available resources based on their need and requirement and the scope for self/learning is presented here:

S.No.	Self / Learning Facilities	Description
1	Library	• College Library provides information and ideas that are fundamental for functioning successfully in today's world. • Library consists of all genres books which provides information and to equip students with knowledge and learning skills.
2	Digital Library	• Internet facility is made available to encourage students for self/learning. • The digital library offers NPTEL videos and sufficient systems with multimedia facilities.
3	Departmental Library	• Department is facilitated with books for UG and a system for self/research.
4	Web based learning (NPTEL, Webinars, Podcasts, MOOCs, etc)	• Web based learning is the learning utilizing internet sources like NPTEL lectures, Udemy, Cours Era and also attending Webinars, Podcasts. • MOOC courses are used as an alternative method to expand the existing knowledge.
5	Assignments	• Students are given assignments and made to go through the topics in a more elaborate manner in order to get a better learning experience. • Faculty will give assignments on a regular basis and these are graded.
6	Common computer centre	• Including computers as one of the learning will make the students more involved and focused. • Using a computer in education lets each student collaborates and at the same time, teach them to become independent.

Source and Tools of Self Learning

The sources and tools of self learning are presented:

S.No	Self Learning Sources	Source	Tools/ICT/ Support
1	Web Based Learning/ E/courses	NPTEL, CoursEra, SWAYAM, Udemy, YouTube	Computer System with Internet Connection/Wi/Fi
2	Assignments	E-Books / Lecture Notes / NPTEL	--
3	Students Activity Cell (SAC)	Technical, cultural and other activities and competitions will be conducted	Student teams under the guidance of faculty members implements activities

Utilization and Effectiveness

Students from all departments utilize online resources, attend relevant trainings, Project/based learning (PBL) for learning new things, implementing concepts practically, understanding the principles, contents out of syllabus so as to enhance the existing level of their knowledge. Self/learning, in general, happens by doing activity under the guidance of faculty members. The effectiveness is presented here:

Occupancy Time Table for Library

ADITYA COLLEGE OF ENGINEERING
Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956.
Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

LIBRARY OCCUPANCY CHART
ACADEMIC YEAR 2021-22

Days	1 9:30 To 10:20	2 10:20 To 11:10	3 11:10 To 12:00	4 12:00 To 12:50	5 1:50 To 2:40	6 2:40 To 3:30	7 3:30 To 4:20
Monday				II EEE-B	III CSE-B	I ECE-D II CE III MECH	II ECE-C III ECE-D II MECH-B
Tuesday			I CSE-B I ECE-B III CSE-A	III ECE-A			II ECE-D III CE II MECH-A
Wednesday				III EEE-B II MECH	I MECH	IV CE	I CSE-AI&ML
Thursday			I ECE-C	I CSE-IOT I ECE-A	I EEE	III ECE-B	I CSE-A
Friday			I CE	III ECE-C	II CSE-B II EEE-A		II-ECE-B
Saturday							II CSE-A

Class	Faculty	Class	Faculty	Class	Faculty	Class	Faculty
I CE	B.Kiran Kumar	I ECE-A	Ch.Rama mohan	III ECE-A	K.Sangeeth kumar	II CSE-B	V.Veera Prasad
II CE	U.Praveenkumar	I ECE-B	B.Jyothi	III ECE-B	M.Vidya	III CSE-A	P.S.N.Lakshmi
III CE	Ch.Prabhteja	I ECE-C	O.Savitri	III ECE-C	Y.Sugandi naidu	III CSE	A.Krishna Veni
IV CE	N.Manasa	I ECE-D	M.S.S.Mohan kumar	III ECE-D	S.Dileep kumar	II MECH-A	R.Siva Prasad
I EEE	K.Durga Bhavani	II ECE-A	K.Sangeeth kumar	I CSE-A	N.V.V.D.Prasad	II MECH-B	K.Venkata Ramana
II EEE-A	CH.Srvanthi	II ECE-B	T.Phanimala	I CSE-B	A.Satheesh	IV MECH-A	M.S.Rviteja
II EEE-B	CH.Srvanthi	II ECE-C	P.Jhansi	I CSE-IOT	P.Raja sekhar Reddy	IV MECH-B	N.Prakash Kumar
III EEE-A	B.Veerraju	II-ECE-D	CH.Jhansi Devi	I CSE-AI&ML	G.Parvathi		
I MECH	D.Prasanth Kumar	III MECH-A	K.Venkata Ramana	II CSE-A	Y.Suresh kumar		

LIBRARIAN
Aditya College of Engineering
SURAMPALEM-533 437

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Occupancy Time Table for Computer Lab
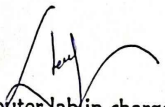
ADITYA COLLEGE OF ENGINEERING
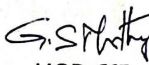
Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC
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Department of Computer Science & Engineering

	COMMON COMPUTER CENTRE OCCUPANCY CHART (2021-2022)			
	11:10-12:00	1:50-2:40	2:40-3:30	3:30-4:20
Monday	II CSE-B	I ME / IV ECE-A	II ECE-B / IV CSE-A	I ECE-B / IV EEE-A
Tuesday	II ECE-D / III CSE-A	I CE / IV ECE-D	III CSE-B / IV ME-B	III ECE-B / IV ME-A
Wednesday	II CSE-A / III CE	II ME / IV CE	I EEE / II CSE -AI&ML	I ECE-C / II CE
Thursday	I CSE-AI&ML / III ME	II EEE-A / IV ECE-C	III ECE-A / IV EEE-B	II CSE-IOT
Friday	I CSE-IOT / III ECE-C	I ECE-A / III EEE	I CSE-A / III ECE-D	II ME-B / IV CSE-B
Saturday	I ECE-D	II ECE-A	II ECE-C / II EEE-B	I CSE-B / IV ECE-B

Computer lab in charge

HOD-CSE

9.5. Career Guidance, Training, Placement (10)

(The institution may specify the facility, its management and its effectiveness for career guidance including counseling for higher studies, campus placement support, industry interaction for training/internship/placement, etc.)

Facility and its Management

The Career guidance, Training and placement cell of the college is constituted with Chairman, coordinator, senior faculty members and students from various departments of the college to provide necessary guidance and information to the students in shaping the future career. A Meeting of the Career guidance, Training and placement Cell Members will be held in the beginning of the academic year to propose and plan for activities and events during the academic year which will be recorded in the minutes of meeting. The team keeps up to date with employment trends and options to ensure quality advice to students.

Training

Career guidance, Training and placement cell provides commendable services in areas of Campus Interviews, Job Placements and training programmes for the students that enable them to develop applicable skills in the competitive job market. A requisition letter will be sent by Principal to Speaker to conduct the awareness programmes on Career Guidance and Circulating an internal notice to all the students to participate in Career Guidance Awareness Programmes. Feedback forms also will be provided to the students for considering their opinions and suggestions.

Career Guidance

The Cell also organizes Workshops and Seminars on Personality Development, Interpersonal Relationship, Communication Skills, Interview Skills, and Presentation Skills to enable the all/round development of individuals. Eminent resource persons from various sectors and esteemed institutions are invited for providing training to the students. A survey will be conducted among students on their career options either in written form or oral. It organizes programmes to create awareness about the importance of higher studies and opportunities in India and Abroad. Motivates students to take entrance competitive exams such as GATE, CAT, GRE, and GMAT and counsel them for higher studies. It organizes Pre/Placement Training Programs to enable students to showcase their skills during the Interview.

Career guidance, Training and placement cell is formed to plan keeping in view of training needs of the entire student fraternity. It aims to provide adequate training and career opportunities to the students, thereby enabling them to be better professionals in the corporate world. The cell maintains corporate engagements through various platforms such as corporate interactions, summits and numerous other influences. Career guidance, the cell maintains continuous interactions with the HR's of different multinational companies to understand job scenario in different sectors. The cell acts as an advisory to the training and Placement department suggesting necessary steps to be followed to increase the number of placements. The training programs schedule is planned by the cell to all the students from II year itself as a part of academics which is included in the regular class time tables. Industry interaction is provided to the students for internship which may support their career.

Placement

Placement cell plans specific company training programs to all the eligible students and provides strategic plan to organize seminars and conduct mock placement drives to all the eligible students to create confidence in them while facing placement drives. The cell supervises and manages the whole placement process in collaboration. Feedback is collected from students and placement personnel (Technical & HR's) of different multinational companies. The committee tries to resolves it in Training and placements coordinators meet. The team of Career guidance and training & placement are given and the activities of Career Guidance, Training and Placement cell are presented.

Placement Facilities
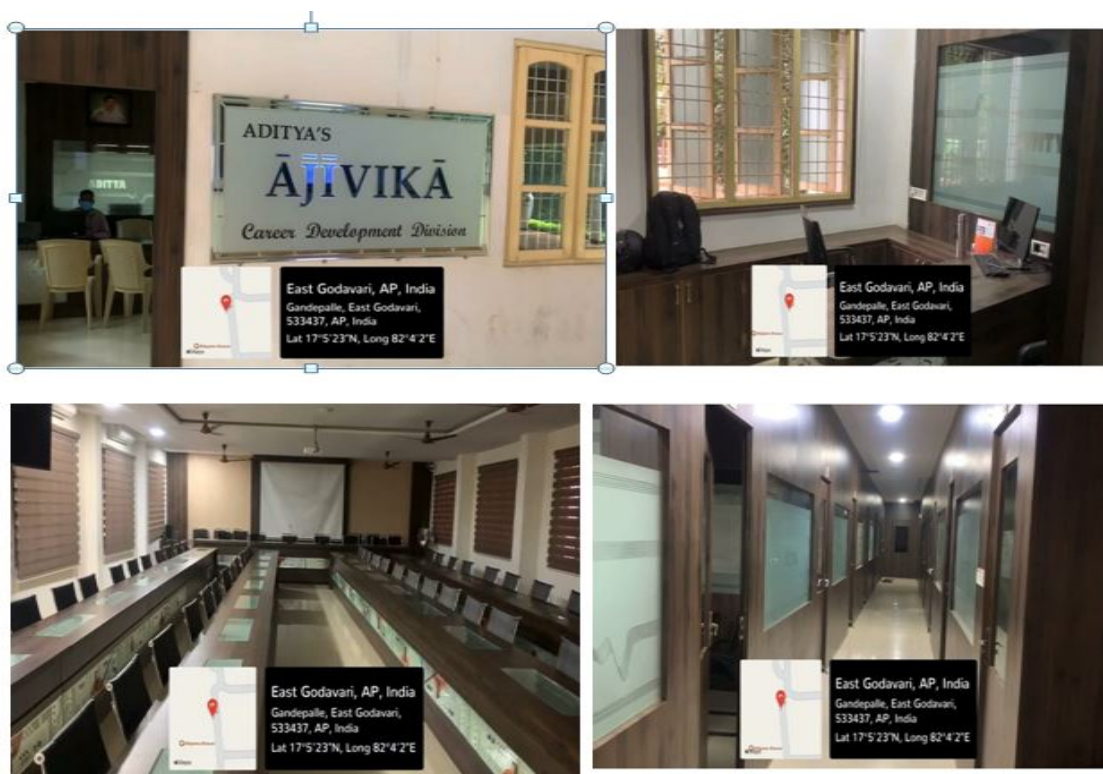
Career development division, personal interview cabins, conference and group discussion hall

Career Guidance, Training & Placement Cell Events and Activities
A.Y. 2021/2022

S.No	Date	Conducted By	Description of the Event	Venue	Resource Person	No.of Students Enrolled
1	13/12/2021	Infosys, Hyderabad	Opportunities in Software field	Ramanujan Bhavan.Seminar hall	B.Sunil Varma	436
2	28/01/2022	Unacademy, Hyderabad	GATE & ESE /Career opportunities for Engineering students	Webinar	B.V.Reddy	418
3	21/03/2022	Purplelane, Kakinada	Awareness on mastering in Visual & UI/UX Design	Ramanujan Bhavan Seminar hall	Mr. Vara Vinod	230
4	29/03/2022	Made Easy Education Pvt.Ltd	Career Opportunities after Engineering	Ramanujan Bhavan Seminar hall	Mr.Jitendra Tiwari	312
5	22/04/2022	Jamboree, Hyderabad	Career Avenues through EDUCATION ABROAD	Ramanujan Bhavan Seminar hall	Smt. Aryama D.Saikia & Roopa Tanti	213

Events Conducted Under Training & Placement Committee
A.Y. 2021/2022

S.No	Name of the Program	Date	Resource Person	No. of Students Attended
1	**ICT/Computing skills –**Training on Programming Languages	13/09/2021 to 18/09/2021	Technical Hub, Surampalem Mr. R Sudhir 9951722111	349
2	**Soft skills –** Three days training on Communication skills	25/10/2021 to 27/10/2021	Technical Hub, Surampalem Mr. K. Devan 9397934366	78
3	**Soft skills –** One week CRT training	08/11/2021 to 13/11/2021	Technical Hub, Surampalem Mr. K Bharath Kumar 9346445450	103
4	**ICT/Computing skills –**Training on Salesforce	06/12/2021 to 17/12/2021	Technical Hub, Surampalem Mr. Md. Shaifu Zama 772990360	349

COMPANIES VISITED A.Y. 2021/22

S.No	Date	Name of the Company	Salary Packages
1	03/03/2021	HEXAWARE	3.50 To 5.00 LPA
2	26/05/2021	METRICSTREAM	5.50 LPA
3	15/09/2021	ADP	5.00 LPA
4	29/08/2021	IBM	7.25 LPA
5	20/05/2021	ACCOLITE	5.00 LPA
6	29/06/2021	ABYETI TECHNOLOGIES	5.00 LPA
7	22/07/2021	HEXAVIEW	5.00 To 7.00 LPA
8	05/06/2021	INFOSYS HACKWITHINFY	3.60 To 5.00 LPA
9	16/07/2021	DXC TECHNOLOGY	4.00 LPA
10	15/07/2021	TESSOLVE SEMICONDUCTORS	3.50 LPA
11	23/02/202	HARMAN	5.00 LPA
12	29/07/2021	MAQ SOFTWARE	7.00 LPA
13	04/09/2021	TECHIGAI	6.00 To 8.00 LPA
14	02/09/2021	KEKA TECHNOLOGIES	6.00 To 7.00 LPA
15	13/09/2021	MPHASIS	4.00 LPA
16	20/09/2021	APISERO	5.10 LPA
17	05/09/2021	SYMPHONY RETAILAI	4.00 LPA
18	23/08/2021	CAPGEMINI	4.00 To 7.50 LPA
19	08/10/2021	DIGITALTRUST	5.20 LPA
20	04/09/2021	VALUEMOMENTUM	4.00 LPA
21	30/08/2021	TCS NINJA/DIGITAL	3.36 LPA
22	22/12/2021	MAERSK	9.90 LPA
23	04/10/2021	THOUGHTCLAN TECHNOLOGIES	4.80 LPA
24	24/09/2021	AMAZON	31.31 LPA
25	25/09/2021	WIPRO	3.75 LPA
26	22/09/2021	CSG SYSTEM	7.50 LPA
27	04/10/2021	WIPRO INFOTECH	4.00 LPA
28	15/11/2021	ATOS GLOBAL	3.10 LPA
29	11/10/2021	VIRTUSA	6.5 LPA
30	27/10/2021	ZEMOSO TECHNOLOGIES	6.89 LPA
31	02/11/2021	QUEST GLOBAL	3.25 LPA
32	19/01/2022	CISCO	15.00 LPA

33	17/11/2021	LTI	5.00 LPA
34	27/11/2021	HYUDAI STEEL	2.07 LPA
35	29/11/2021	HYOSEONG ELECTRIC	1.86 LPA
36	08/11/2021	APPS ASSOCIATES	6.00 LPA
37	29/11/2021	SDVVL SURVEY AND CONSTRUCTION PRIVATE LIMITED	2.50 LPA
38	20/11/2021	ALTIMETRIK	7.00 LPA
39	26/10/2021	ZAGGLE	8.00 LPA
40	03/12/2021	INNVENIO BUSINESS SOLUTION	6.00 LPA
41	18/11/2021	DATAFOUNDRY AI	6.00 LPA
42	30/11/2021	COFORGE	4.25 LPA
43	13/12/2021	EPAM	6.00 LPA
44	30/11/2021	TRINAMIX	3.50 LPA
45	20/11/2021	FIS	6.64 LPA to 9.98 LPA
46	09/12/2021	ICICI BANK	3.50 LPA
47	01/11/2021	CALSOFT	7.50 LPA
48	17/11/2021	VINOVE SOFTWARES	5.75 LPA
49	01/12/2021	VAISHNAVI INFORMATION TECHNOLOGIES	4.00 LPA
50	29/11/2021	REVATURE	6.00 LPA
51	11/12/2021	COVALENSE DIGITAL	4.20 LPA
52	17/12/2021	MAGIK MINDS	3.00 LPA
53	19/12/2021	TOLLPLUS	4.50 LPA
54	14/12/2021	CAPGEMINI AWS	4.50 LPA
55	28/12/2021	AVANTIX TECHNOLOGIES	4.00 To 7.00 LPA
56	18/12/2021	HITACHI VANTARA	5.00 LPA
57	22/11/2021	WILEY/MTHREE	7 to 11 LPA
58	28/11/2021	VISTEX	4.50 LPA
59	13/10/2021	WINWIRE TECHNOLOGIES	4.50 LPA
60	02/12/2021	MEDIAMINT	3.10 LPA
61	23/03/2022	EFFTRONICS	5.50 LPA
62	17/01/2022	MORDOR INTELLIGENCE	4.62 LPA
63	21/12/2021	TA DIGITAL	5.70 LPA
64	07/12/2021	PROLIFICS	6.00 LPA
65	18/12/2021	RAMCO CEMENTS	3.84 to 6.24 LPA

66	03/02/2022	PINCLICK	5.16 LPA
67	31/01/2022	UNSCHOOL	5.00 LPA
68	04/01/2022	FUNNL	1.80 LPA
69	10/12/2021	REDHAT	10.00 LPA
70	22/12/2021	INCREFF	7.40 LPA
71	28/01/2022	XORIANT	8.00 LPA
72	09/12/2021	JK TECH	4.00 LPA
73	16/02/2022	BOSCH GLOBAL SOFTWARE	5.00 LPA
74	17/02/2022	PUZZOLONA MACHINERY	1.56 LPA
75	05/02/2022	ZF INDIA	4.75 to 6 LPA
76	21/12/2021	TECH MAHINDRA	3.25 LPA
77	23/02/2022	POWER MECH	2.16 LPA
78	22/09/2021	SIX PHRASE	4.50 LPA
79	04/03/2022	DELPHI / TVS	2.03 LPA
80	25/02/2022	APTEAN	5.50 LPA
81	18/02/2022	INFOLOB	3.00 LPA
82	11/10/2021	VIRTUSA	5.00 LPA
83	19/12/2021	INTELLECT DESIGN	5.00 LPA
84	17/12/2021	ZEROCODE	6.00 LPA
85	16/12/2021	ADROITEC SYSTEMS PVT LTD	3.00 LPA
86	19/12/2021	HCL	3.65 LPA
87	30/04/2022	KPIT	4.00 LPA
88	10/03/2022	MINDTREE	4.00 LPA
89	12/03/2022	MOOLYA TESTING PRIVATE LIMITED	3.00 LPA
90	15/03/2022	PERSISTENT SYSTEMS	4.71 LPA
91	06/01/2022	INFOSYS	3.60 LPA
92	24/02/2022	ICICI PRUDENTIAL	4.15 LPA
93	10/12/2021	VIVO	4.50 LPA
94	26/02/2022	MUTHOOT GROUP	2.28 LPA
95	18/02/2022	ZENSAR TECHNOLOGIES	4.00 LPA
96	16/02/2022	CADSYS	4.26 LPA
97	15/03/2022	MIRACLE SOFTWARE SYSTEMS	2.46 To 2.83 LPA
98	25/02/2022	LUMEN	6.00 LPA
99	05/06/2021	INFOSYS INFYTQ	3.60 LPA

100	30/12/2021	NIHILENT	4.00 LPA
101	23/12/2021	IBM KYNDRYL	4.25 LPA
102	29/12/2021	WABTECH	13.00 LPA
103	25/02/2022	TAVANT	7.00 LPA
104	08/04/2022	TURINGMINDS.AI	6.20 LPA
105	04/04/2022	ETHNUS	3.00 LPA
106	31/03/2022	QSPIDERS	1.50 LPA
107	11/04/2022	MIND BRINK MEDIA	3.00 to 4.00 LPA
108	29/01/2022	SUTHERLAND	2.50 LPA
109	09/04/2022	TEACHNOOK	3.00 LPA
110	19/04/2022	ZELF STUDIE	6.00 LPA
111	18/04/2022	SURYA TECH SOLUTIONS	3.00 LPA
112	29/04/2022	VISHWANADH AVENUES	1.80 LPA
113	05/04/2022	PLANETSPARK	7.00 LPA
114	27/04/2022	PRINCETON IT SERVICES	2.40 LPA
115	28/04/2022	PENTAGON SPACE	4.00 To 6.00 LPA
116	15/04/2022	WELLSFARGO	20.00 LPA
117	20/01/2022	SPERIDIAN TECHNOLOGIES	3.00 LPA
118	09/02/2022	CAPE ELECTRIC INDIA	3.00 LPA
119	03/03/2022	SKILLMINE TECHNOLOGIES	3.5 LPA / 4.00 LPA
120	18/05/2022	KIWO MODULAR	1.80 LPA
121	12/01/2022	BYJU'S	10.00 LPA
122	23/03/2022	MAHINDRA & MAHINDRA LTD	6.24LPA
123	05/04/2022	TAP ACADEMY	1.50 LPA
124	21/05/2022	TRIMAX BIOSCIENCES	2.16 LPA
125	12/05/2022	FIXITY TECHNOLOGIES	3.00 to 5.00 LPA
126	13/05/2022	IQUADRA	3.80 LPA
127	14/05/2022	SMART TRAINING RESOURCES	5.40 LPA
128	23/04/2022	PARK CONTROLS & COMMUNICATIONS	3.00 LPA to 6.00 LPA
129	24/04/2022	JUSTDIAL	3.24 LPA
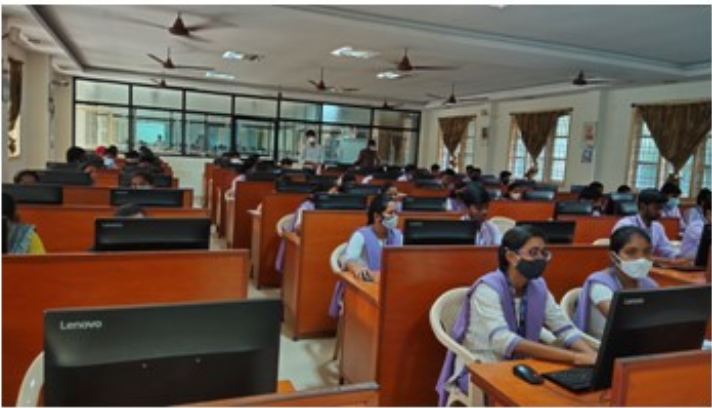
S.No.	Date	Name of the Company	Description of Pre-placement talk
1	03-03-2021	Hexaware	1. A company that was born in the digital culture and creates solutions based on a methodology that combines intense business analysis, UX design and technology 2. works on test automation and marketing
2	29-08-2021	IBM	 1. Company that designs critical high-tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate 3. Requires excellent technical, communication and presentation skills who are available immediately to join. Coding- C,C++,JAVA and Python.
3	22-07-2021	HEXAVIEW	 Hexaview Technologies is a digital transformation firm providing high-end products and solutions. 1) Culture is really nice. 2) Proper development and coding work. 3) Best company for freshers.
4	05-06-2021	Infosys Hack With Infy	 1. If you have a passion for programming and you envision a future equipped with problem-solving skills and technology innovations, participate in HackWithInfy and build a future of your choice. 2. Your designations will be Associate Software Engineer 3. In coding we will be giving training as per the requirement.

5	16-07-2021	DXC Technology	 1. DXC is a consulting company through which we provide recruitment to different multinational companies. 2. Joining in DXC is a kick start and the knowledge in c, C++, java, python is required.
6	15-07-2021	Tessolve Semiconductors	1. It is a process automation and information firm founded by industry experts 2. Hiring as Trainee to plan, develop, design, construct
7	03-09-2021	Harman	1. Harman is largest automotive transmission and power train components manufacturers in India. 2. Hiring for Graduate Trainee engineer and involves in production of components
8	29-07-202	MAQ	1. A multinational professional services network of firms. 2. By joining You can become an Analyst, economist, Technologist, Innovator.
9	04-09-2021	Techigai	
10	23-08-2021	Capgemini	 1. Applies next-generation technology to help enterprises transform businesses globally. 2. We would be hiring for Associate Software engineer and required skill sets are Applications Development, Applications Testing, and Application Production Support etc. as per business requirement.
11	15-09-2021	ADP	1. we're focused on making connections that allow us to deliver world class software. 2. A good start in career as Associate software Engineer.

12	04-09-2021	Value Momentum	1. Applies next-generation technology to help enterprises transform businesses globally. 2. We would be hiring for Associate Software engineer and required skill sets are Applications Development, Applications Testing, Application Production Support etc. as per business requirement.
13	04-10-2021	Thought Clan Technologies	
14	13-09-202	Mphasis	 Mphasis has been nimble and agile in integrating and building specialization to enable future proofing of the organization as well as its customers. Associate Software Engineer will be trained to Applications Development, Applications Testing, and Application Production Support etc. as per business requirement.
15	20-09-2021	Apisero	
16	05-09-2021	Symphony RetailAI	
17	08-10-2021	Digital Trust	
18	24-09-2021	Amazon	 1. Company that designs critical high-tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate 3. Requires excellent technical, communication and presentation skills who are available immediately to join. Coding-C,C++,JAVA and Python.

19	30-08-2021	TCS Ninja	1. Company that designs critical high-tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills that are available immediately to join. Coding- C, C++, JAVA and Python.
20	25-09-2021	Wipro	1. Applies next-generation technology to help enterprises transform businesses globally. 2. We would be hiring for Associate Software engineer and required skill sets are Applications Development, Applications Testing, Application Production Support etc. as per business requirement.
21	02-11-2021	Quest Global	
22	17-11-2021	LTI	
23	27-11-2021	Hyundai Steel	1 .Hyundai Steel Co., Ltd. or HSC is a steel making company 2. For Graduate Trainee Engineer. requires knowledge in Blast furnaces. Hot coil. CR & plate mill
24	29-11-2021	Hyoseong Electric	Prominent & Leading Manufacturer from Chennai, we offer Power Steering Pump. Power Steering Hose. Power Steering Bracket, Power Steering Fluid and Power Steering Gear Assembly.

25	29-11-2021	SDVVL Survey and Construction Private Limited	1. SDVVL (India) Limited operates as a knowledge process outsourcing company. 2. The Company offers Graduate Trainee Engineer and will be working on GIS and mapping, telecom and CATV, architecture, engineering
26	20-11-2021	ALTIMETRIK	
27	03-12-2021	Invention Business Solution	
28	15-11-2021	Atos Global	1. A to s is the global leader in secure and decarbonizes digital with a range of market-leading digital solutions along with consultancy services. 2. Will train different types solutions on product based
29	30-11-2021	Coforge	
30	30-11-2021	Trinamix	
31	01-11-2021	Calsoft	
32	17-11-2021	Vinove software's	 1. A multinational professional services network of firms. 2. By joining you can become an Analyst, economist, Technologist, Innovator.
33	28-11-2021	Vistex	
34	02-12-2021	Media mint	1. It is a niche software solutions and service provider across horizontal markets. A key enabler in the digital transformation space. 2. involved as Associate Software Trainee who will be working on python, product based.
35	29-11-2021	Revature	1. It is a process automation and information firm founded by industry experts 2. Hiring as Trainee to plan, develop, design, construct
36	01-12-2021	Vaishnavi Information technologies	
37	20-11-2021	FIS	The FIS University Program is the official global program for developing and retaining entry-level talent at FIS.
38	09-12-2021	ICICI Bank	ICICI Bank Limited is an Indian banking and financial services company Will be employed as sales executive and responsible for

39	17-12-2021 18-12-2021	Magic minds	 1. It is a software company which works across ITOps, Cyber security, Networks, and Cloud 2. Joining in this gives a confidence start in career
40	19-12-2021 20-12-2021	Toll Plus	
41	28-12-2021	Avantix Technologies	1.An IT professional services consulting company specializing in Sales force 2. We would be training in sales force , a product based and will be employee testing engineer
42	22-12-2021	Maersk	
43	21-12-2021	TA Digital	Tech Aspect Solutions Private Limited TA Digital is a digital transformation agency that delivers innovative digital strategy, customer experiences, and marketing solutions to transform business

Career Guidance, Training & Placement Cell Events and Activities

A.Y. 2020-2021

S.No.	Date	Conducted By	Description of the Event	Venue	Resource Person	No.of Students Enrolled
1	16/11/2020	The Hope Overseas Educational Consultants Rajamahendravaram	Awareness on Overseas Education	Ramanujan Bhavan. Seminar hall	Sri .K. Jaya Sankar	454
2	14/12/2020	Gate Forum Hyderabad	GATE orientation Programme	Ramanujan Bhavan, Seminar hall	Sri. T. Naveen	428
3	20/01/2021	RK Study Center Rajamahendravaram	Career in Banking Sector	Ramanujan Bhavan. Seminar hall	Sri J. Laxmi Prasanna	504
4	25/02/2021	Wipro Hyderabad	Opportunities in Software Field	Ramanujan Bhavan. Seminar hall	Sri.B. Vamsidhar	513

Events conducted under Training & placement committee
A.Y. 2020-2021

S.No	Name of the Program	Date	Resource Person	No. of Students Attended
1	**ICT/Computing skills** –Training on AUTOCAD	19-04-2021 to 26-04-2021	Ms.N.Ramya 9110753995 APSSDC	117
2	**ICT/Computing skills** – Python Programming	19-04-2021 to 26-04-2021	Mr.N.SuryaNarayana 8464032385 APSSDC	292
3	**ICT/Computing skills** – INFRA training	16-10-2021 to 30-10-2021	Mr. B.Veerababu 8309369882 Technical Hub, Surampalem	176
4	**ICT/Computing skills** – SDE Training	08-11-2021 to 30-11-2021	Mr.M Ashok 9346296194 Technical Hub, Surampalem	334

COMPANIES VISITED A.Y. 2020-21

S.No	Date	Name of the Company	Salary Packages
1	23/06/2020	TEK SYSTEMS	7.00 LPA
2	23-11-2020	ZENQ	2.80 LPA
3	09/06/2020	ABYETI TECHNOLOGIES	6.25 LPA
4	05/06/2021	ACCENTURE	4.50 LPA
5	28/10/2021	ACUVATE	3.00 LPA
6	29/06/2021	ADAEQUARE	2.80 LPA
7	07/07/2021	APARNA CONSTRUCTIONS	2.40 LPA
8	26/03/2021	APISERO	7.00 LPA
9	02-07-2021	APPS ASSOCIATE	4.00 LPA
10	27-04-2021	ATOS GLOBAL	3.10 LPA
11	25/01/2021	AVTEC	1.56 LPA
12	27/10/2020	AWS	22.00 LPA
13	05-02-2021	AZTEC	2.50 LPA
14	28-06-2021	BCT	3.00 LPA
15	02-07-2021	BRIGHTEX PHOTONICS (BTBP)	3.00 LPA
16	13-04-2021	BYJUS	10.00 LPA
17	04-08-2021	CADSYS	1.50 LPA
18	07-10-2021	CAPGEMINI	3.80 LPA
19	26/03/2021	CARGILL	3.75 LPA
20	03-06-2020	CDK GLOBAL	4.50 LPA
21	24-04-2021	CODILAR TECHNOLOGIES	2.52 LPA
22	23-11-2020	COGNIZANT	4.00 LPA
23	26/11/2021	COPART	6.00 LPA
24	28-11-2020	COVALENSE DIGITAL	3.00 To 4.00 LPA
25	26/01/2021	CTRLS	3.75 to 4 LPA
26	05-04-2021	DAEJOO AUTOMOTIVE	1.56 LPA
27	06/04/2021	DAENIT	5.40 LPA

28	22/05/2021	DARWINBOX DIGITAL SOLUTIONS	3.60 LPA
29	27/11/2020	DELTAX	5.00 LPA
30	02-08-2020	DXC TECHNOLOGY	3.60 LPA
31	07-09-2020	DXC TECHNOLOGY (OFF CAMPUS)	3.60 LPA
32	04/12/2020	FACE PREP	3.50 LPA
33	07-07-2021	FIS UNIVERSITY PROGRAM	5.00 LPA
34	16/11/2020	FULL CREATIVE	3.50 LPA
35	18/11/2020	GAINSIGHT	8.00 lpA
36	23/01/2021	GIBBUZ	2.50 LPA
37	28-01-2021	GLOBAL EDGE	3.50 LPA
38	29/01/2021	GOCOOP	3.00 LPA
39	03/02/2021	GSPANN	2.40 LPA
40	09/02/2021	HARMAN	5.00 LPA
41	20/11/2020	HEXAWARE	3.35 LPA
42	05-04-2021	HITECH ARAI	1.56 LPA
43	09-01-2021	HUNDAI STEEL	1.62 LPA
44	17-02-2021	HYOSEONG ELECTRIC	1.68 LPA
45	23/02/2021	HYUNDAI MOTOR	3.60 LPA
46	30/04/2020	IBM	7.25 LPA
47	18-03-2021	INFOSYS	3.50 LPA
48	31-05-2020	INFOSYS HACKWITH INFY	5.00 LPA to 8.00 LPA
49	30-05-2020	INFOSYS INFYTQ	3.60 LPA
50	16-07-2021	INNOMINDS	2.40 LPA
51	21-08-2021	IVY SOFTWARES	8.00 LPA
52	20/10/2020	JARO EDUCATION	6.00 LPA
53	22/10/2020	JUSPAY	6.00 LPA
54	6-3-2020 7-3-2020	KEKA	5.00 LPA
55	10/09/2020	KJ SYSTEMS	3.00 LPA
56	06/01/2021	KORED INFRATECH	1.80 LPA
57	12/05/2021	LEKHA WIRELESS	4.00 LPA

58	18/02/2021	M/S KWANGJIN INDIA	1.68 LPA
59	10/11/2020	MAQ SOFTWARE	6.00 LPA to 7.00 LPA
60	23-11-2020	MINDTREE	2.97 LPA
61	27/11/2020	MINFY	3.50 LPA
62	10/02/2021	MINFYTECH TECHOLOGIES	3.79 LPA
63	08/04/2021	MPHASIS	4.00 LPA
64	24-11-2020	MULTIPLIER SOLUTIONS	2.80 To 5.50 LPA
65	06/07/2021	NETENRICH	3.50 LPA
66	13/03/2021	NNIIT	3.00 To 5.00 LPA
67	20/03/2021	NOVEL PATENT SERVICES	2.00 LPA
68	19/12/2020	NTT DATA	3.50 LPA
69	02-07-2021	PENTAGON SPACE	1.50 LPA
70	16/02/2021	PHABLECARE	3.60 LPA
71	05-12-2020	PIN CLICK	5.16 LPA
72	13-01-2021	PROLIFICS	3.00 LPA
73	17-04-2021	PWC	6.00 LPA
74	12-02-2021	QSPIDERS	1.50 LPA
75	13/02/2021	QUADRATYX	4.50 LPA to 6.00 LPA
76	30/09/2021	ROBERT BOSCH	5.00 LPA
77	20-03-2021	RONCH POLYMERS	1.50 LPA
78	23/03/2021	SOFTTECH	3.50 LPA
79	24/03/2021	STERLING TOOLS	2.40 LPA
80	26/04/2021	SUNRISE BIZTECH	3.00 LPA
81	03-02-2021	SURYA TECH SOLUTIONS	1.80 To 3.12 LPA
82	25/04/2021	SYMPHONY RETAILAI	4.00 to 5.00 LPA
83	08/04/2021	TCS AWS	3.36 LPA
84	08-08-2020	TCS CODEVITA	3.39 LPA
85	08-06-2021	TCS INFRAMIND	3.36 LPA
86	20-11-2020	TCS NQT	3.36 LPA
87	21-01-2021	TECH MAHINDRA	3.25 LPA

88	23/01/2021	TECH TAMMINA	3.60 LPA
89	28/01/2021	TECTORO CONSULTING	3.50 LPA
90	12/11/2020	TESSOLVE	3.50 LPA
91	25-06-2021	TRANSRAIL	4.00 LPA
92	19/05/2021	TURITO INDIA PRIVATE LIMITED	4.00 LPA
93	15-05-2021	UNSCHOOL	5.00 LPA
94	20-11-2021	VALUE MOMENTUM	3.60 LPA
95	17/02/2021	VEMBU TECHNOLOGIES	3.00 to 4.00 LPA
96	18/11/2020	VIRTUSA	4.00 LPA
97	13-01-2021	VIT INFOTECH	4.00 LPA
98	13-03-2021	VPG SENSORS	1.44 LPA
99	21/03/2021	WHIZHACK TECHNOLOGIES	4.32 LPA
100	21/04/2021	WILEY-MTHREE	11.00 LPA
101	03-03-2021	WIPRO	3.50 LPA
102	28-12-2020	XENON STACK	4.50 LPA
103	29/12/2020	GENESIS	3.50 LPA
104	07/01/2021	YASH	4.00 LPA
105	08/01/2021	ALTIMETRIK	4.25 LPA
106	11/02/2021	TATA ELXSI	3.5 LPA
107	10/03/2021	IB HUBS	3.00 LPA
108	18/03/2021	MTX	6.5 LPA
109	09/01/2021	PURPLETALK	3.50 LPA
110	06/03/2021	TEMINOS	6.25 LPA
111	17/03/2021	BRISTLECONE	3.50 LPA

CAREER COUNSELING A.Y. 2020-21

S. No.	Date	Name of the Company	Description of Pre-Placement Talk
1	03-06-2020	CDK Global	 CDK is a company that designs critical high-tech systems for strategic industry sectors worldwide. Its solutions combine electronics and information technology, delivering rapid innovation to its customers. The highly skilled teams enable fast deployment and long-term maintenance of its solutions. 1. We are recruitment for Trainee Software Associate 2. Requires excellent technical, communication and presentation skills who are available immediately to join. Coding- C,C++,JAVA and Python and Machine Learning is necessary
2	31-05-2020	Infosys Hack with Infy	 1. If you have a passion for programming and you envision a future equipped with problem-solving skills and technology innovations, participate in HackWithInfy and build a future of your choice. 2. Your designations will be Associate Software Engineer 3. In coding we will be giving training as per the requirement.

3	02-08-2020	DXC	 1. DXC is a consulting company through which we provide recruitment to different multinational companies. 2. Joining in DXC is a kick start and the knowledge in c, C++, java, python is required.
4	07-10-2020	Capgemini	 1. Applies next-generation technology to help enterprises transform businesses globally. 2. We would be hiring for Associate Software engineer and required skill sets are Applications Development, Applications Testing, and Application Production Support etc. as per business requirement.
5	08-08-2020	TCS Code Vita	 1. Company that designs critical high-tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills that are available immediately to join. Coding- C, C++, JAVA and Python.

6	30-05-2020	Infosys Infytq	 1. If you have a passion for programming and you envision a future equipped with problem-solving skills and technology innovations, participate in HackWithInfy and build a future of your choice. 2. Your designations will be Associate Software Engineer 3. In coding we will be giving training as per the requirement
7	23-11-2020	Mindtree	 1. A global technology consulting and services company that enables enterprises across industries. 2. We are recruitment for Trainee Software Associate 3. Requires excellent technical, communication and presentation skills that are available immediately to join. Coding- C, C++, JAVA and Python
8	05-12-2020	Pin Click	 1. Pin Click Property Management is a real estate agency in India 2. Hired will be as property advisory who gives solutions.

9	23-11-2020	Zen Q	 1. It is a leading provider of pure-play software testing services to clients across the globe 2. Hiring for Software Developer, Associate Business Development, and Test Engineer. 3. Good knowledge in python, C++ is required
10	28-11-2020	Covalense Digital	 1. Covalence digital is a niche software solutions and service provider across horizontal markets. A key enabler in the digital transformation space. 2. Hiring as Software trainee engineer 3. Coding- C, C++, JAVA and Python is necessary
11	20-11-2020	TCS NQT	 1. Company that designs critical high-tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills that are available immediately to join. Coding C, C++, JAVA and Python.
12	28-12-2020	Xenon Stack	

13	09-01-2021	Hundai Steel	 1.Hyundai Steel Co., Ltd, or HSC is a steel making company 2. For Graduate Trainee Engineer, requires knowledge in Blast furnaces, Hot coil, CR & plate mill
14	13-01-2021	VIT Infotech	1. Applies next-generation technology to help enterprises transform businesses globally. 2. We would be hiring for Associate Software engineer and required skill sets are Applications Development, Applications Testing, Application Production Support etc. as per business requirement.
15	21-01-2021	Tech Mahindra	1. Company that designs critical high-tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills who are available immediately to join. Coding-C,C++,JAVA and Python.
16	25-01-2021 27-01-2021	AVTEC	1. Avtec is largest automotive transmission and power train components manufacturers in India. 2. Hiring for Graduate Trainee engineer and involves in production of components
17	05-02-2021	AZTEC	1. It is a process automation and information firm founded by industry experts 2. Hiring as Trainee to plan, develop, design, construct
18	03-02-2021	Surya Tech Solutions	1. It is a niche software solutions and service provider across horizontal markets. A key enabler in the digital transformation space. 2. involved as Associate Software Trainee who will be working on python, product based.

19	17-02-2021	Hyoseong Electric	 Prominent & Leading Manufacturer from Chennai, we offer Power Steering Pump, Power Steering Hose, Power Steering Bracket, Power Steering Fluid and Power Steering Gear Assembly.
20	13-01-2021	Prolifics	1. A company that was born in the digital culture and creates solutions based on a methodology that combines intense business analysis, UX design and technology 2. works on test automation and marketing
21	12-02-2021	Qspiders	
22	13-03-2021	VPG Sensors	
23	28-01-2021	Global Edge	1. we're focused on making connections that allow us to deliver world class software. 2. A good start in career as Associate software Engineer.
24	26-01-2021	CtrlS	 1. CtrlS sells services like data center collocation, DC build and consulting, Internet bandwidth, managed services, cloud security services, and disaster recovery services. 2. Cloud computing, Cloud storage Knowledge of Uptime and TIA standards for data centers design
25	20-03-2021	Ronch Polymers	1. Ronch Polymers Pvt. Ltd. (RPPL) is an OEM of thermoplastic moulds, moulded components and its assembly, specializing in manufacturing of water purifiers

26	23-11-2020	Cognizant	1. Company that designs critical high-tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills who are available immediately to join. Coding-C,C++,JAVA and Python.
27	24-11-2020	Multiplier Solutions	1. AI based Healthcare Analytics and Marketing Company. 2. Opportunity to work alongside AI based tech for developers
28	05-04-2021	Daejoo Auto Motive	1. DAEJOO AUTOMOTIVE INDIA PRIVATE LIMITED is a machinery company 2. Involves in production of many components
29	05-04-2021	HITECH ARAI	Hitech Arai Pvt Ltd - Manufacturer of rubber oil seal, shaft oil seal & stainless steel and will be involved in production department as a trainee
30	17-04-2021	PWC	1. A multinational professional services network of firms. 2. By joining You can become an Analyst, economist, Technologist, Innovator.
31	15-05-2021	Unschool	1. Unschool is a melting pot of counter solutions to all the problems that exist in the education system. 2. will be enrolled as student specialist.
32	18-03-2021	Infosys	1. Company that designs critical high-tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate 3. Requires excellent technical, communication and presentation skills that are available immediately to join. Coding C, C++, JAVA and Python.
33	05-06-2021	Accenture	1. A multinational professional services network of firms. 2. By joining You can become an Analyst, economist, Technologist, Innovator.
34	06-07-2021	Netenrich Python	1. It is a software company which works across ITOps, Cyber security, Networks, and Cloud 2. Joining in this gives a confidence start in career
35	20-11-2021	Value Momentum	1.ValueMomentum is the largest standalone provider of IT Services & Solutions to Insurers & Financial Services 2. Multinational professional services network of firms. 3. By joining You can become an Analyst, economist, Technologist, Innovator.
36	28-06-2021	BCT	1. Providing Technology Support for Businesses and Organizations. 2. It is a consultancy where it provides many product based services.

37	13-04-2021	BYJUS	1. BYJU'S is an Indian multinational educational technology company 2. Can become professional in business development, trainings.
38	03-03-2021	Wipro	1. Company that designs critical high-tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills who are available immediately to join. Coding-C,C++,JAVA and Python.
39	29-06-2021	Adaequare	
40	08-06-2021	TCS InfraMind	1. Company that designs critical high-tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills who are available immediately to join. Coding-C,C++,JAVA and Python.
41	25-06-2021	Transrail	Transrail Lighting Limited is an integrated Transmission & Distribution and lighting solution company.
42	02-07-2021	Brightex Photonics (BTBP)	
43	02-07-2021	Apps Associate	1.An IT professional services consulting company specializing in Sales force 2. We would be training in sales force , a product based and will be employee testing engineer
44	02-07-2021	Pentagon Space	1. Pentagon Space is software programming institute in Bangalore 2. We give training in different languages and also provides support till getting job
45	24-04-2021	Codilar Technologies	1. Codilar is an Adobe certified digital commerce agency that specialises in end-to-end Magento services
46	04-08-2021	Cadsys	1. Cadsys (India) Limited operates as a knowledge process outsourcing company. 2. The Company offers Graduate Trainee Engineer and will be working on GIS and mapping, telecom and CATV, architecture, engineering
47	16-07-2021	Innominds	 1. A multinational professional services network of firms. 2. By joining you can become an Analyst, economist, Technologist, Innovator.

48	02-08-2021	DXC Technologies (Off Campus)	1. DXC is an consulting company through which we provide recruitment to different multinational companies. 2. Joining in DXC is a kick start and the knowledge in c, C++, java, python is required.
49	07-07-2021	FIS University Program	The FIS University Program is the official global program for developing and retaining entry-level talent at FIS.
50	27-04-2021	ATOS Global	1. A to s is the global leader in secure and decarbonizes digital with a range of market-leading digital solutions along with consultancy services. 2. Will train different types solutions on product based
51	21-08-2021	IVY Software	
52	30-09-2021	Robert Bosch	Robert Bosch India Limited,Bangalore is an electrical/electronic manufacturing company based 2. A Graduate trainee engineer will be involved in design and production of electrical components.

Training, Career Guidance & Placement Cell Events and Activities A.Y. 2019-20

S. No.	Date	Conducted By	Description of the Event	Venue	Resource Person	No.of Students Enrolled
1	17/07/2019	The Gate Academy, Visakhapatnam	Importance of Gate Exam	Ramanujan Bhavan. Seminar hall	Sri K. Harikesh	410
2	19/08/2019	Skylark overseas Education Consultants, Visakhapatnam	Awareness on Overseas Education	Ramanujan Bhavan. Seminar hall	Sri. Dr. Solomon Raju Kuchipudi	397
3	16/09/2019	Sridhar's CCE, Vijayawada	Awareness on Career in Banking Sector	Ramanujan Bhavan. Seminar hall	Sri K. Venkat Rao	361
4	26/12/2019	Time Institute Rajamahendravaram	Awareness on Civil Services Exams	Ramanujan Bhavan. Seminar hall	Sri K. Sai Venkat	437
5	29/1/2020	Genpact India Private Limited Hyderabad	Opportunities in Software Industry	Ramanujan Bhavan. Seminar hall	Sri M. Srikanth Vihari	414

Events Conducted Under Training & Placement Committee
A.Y. 2019-2020

S.No	Name of the Program	Date	Resource Person	No. of Students Attended
1	**ICT/Computing skills –**Training on APTLOGIC	08/07/2019 to 13/07/2019	Technical Hub, Surampalem Mr. K Bharath Kumar 9346445450	135
2	**ICT/Computing skills –** Python Programming	14/10/2019 to 19/10/2019	Technical Hub, Surampalem Mr. R Sudhir 9951722111	187
3	**ICT/Computing skills –** AWS cloud computing Training	06/01/2020 to 11/01/2020	Technical Hub, Surampalem Mr. Md. Shaifu Zama 772990360	290
4	**ICT/Computing skills –** Short term training program on coding skills	10/02/2020 to 15/02/2020	Technical Hub, Surampalem Mr. R Sudhir 9951722111	262

COMPANIES VISITED A.Y. 2019-20

S.No.	Date	Name of the Company	Salary Packages
1	18/03/2019	KEKA TECHNOLOGIES	6.00 LPA
2	20/03/2019	THOMSON REUTERS	2.00 LPA
3	06/07/2019 07/07/2019	DIVAMI	3.20LPA
4	08/07/2019	HYUNDAI STEEL	1.80 LPA
5	09/07/2019	LEEWON PRECISION PVT. LTD	1.80 LPA
6	09/07/2019	HYOSEONG ELECTRIC	1.80 LPA
7	11/07/2019	VALUELABS	4.5 LPA
8	29/07/2019 30/07/2019	RIKTAM TECHNOLOGY	4.20 LPA
9	16/08/2019	LTI	3.50 LPA
10	14/08/2019	MAQ	4.32 LPA
11	26/08/2019	GGK TECH	2.40 LPA
12	30/08/2019	NIFCO	1.80 LPA
13	30/08/2019	DAEJOO AUTOMOTIVE INDIA	1.80 LPA
14	30/08/2019	KWANGJIN	1.80 LPA
15	07/09/2019	HI/TECH ARAI LIMITED	1.80 LPA
16	08/08/2019	TCS NQT	3.36 LPA
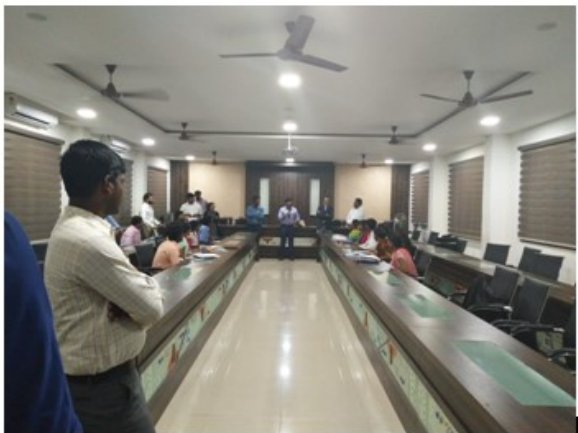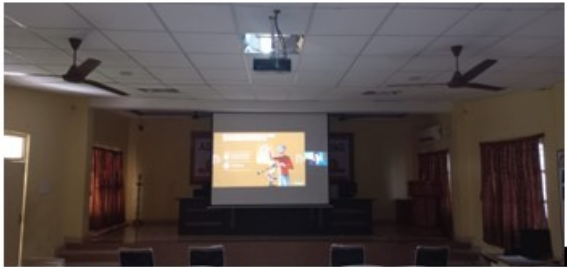
17	12/09/2019	ZENQ	2.80 LPA
18	28/09/2019	CONGNIZANT(CTS)	4.00LPA
19	12/10/2019	HEXAWARE TECHNOLOGIES	3.00 LPA
20	03/10/2019	AMAZON AWS	19.00 LPA
21	18/09/2019	SURYA TECH SOLUTIONS	2.16 LPA
22	09/11/2019	ROBO GROUP	1.80 LPA
23	13/11/2019	T/SYSTEMS	3.50 LPA
24	14/11/2019	EXTRAMARKS	4.2 LPA
25	15/11/2019	VAISHNAVI INFORMATION TECHNOLOGIES	4.00 LPA
26	20/11/2019	FULL CREATIVE TECHNOLOGIES	2.75 LPA
27	26/11/2019	INFOSYS	3.50 LPA
28	29/11/2019	APTROID	4.00 LPA
29	28/11/2019	ABYETI TECHNOLOGIES	4.00 LPA
30	09/12/2019	MINDTREE	3.54 LPA
31	18/10/2019	WIPRO	3.50 LPA
32	13/12/2019	WOOSU AUTOMOTIVE	1.44 LPA
33	04/12/2019 to 06/12/2019	IBM	4.25 LPA
34	14/12/2019	KWANG SUNG	1.44 LPA
35	20/12/2019	WEB SYNERGIES	3.2 LPA
36	21/12/2019	MAGIK MINDS	3.00 LPA
37	22/12/2019	RAYBIZ TECHNOLOGIES	2.40 LPA
38	16/11/2019	EFFTRONICS	3.5 LPA
39	26/12/2019	SAVANTIS SOLUTIONS	3.50 LPA
40	27/12/2019	KRIFY SOFTWARE	2.40 LPA
41	09/01/2020	YSI AUTOMOTIVE	1.60 LPA
42	07/12/2019	TAVANT TECHNOLOGIES	4.25 LPA
43	10/01/2020	TECH MAHINDRA	3.25 LPA
44	22/01/2020	ALLIENS GROUP	1.99 LPA
45	20/01/2020	TESSOLVE	3.60 LPA
46	20/01/2020	TETRASOFT	3.25 LPA
47	29/01/2020 & 30/01/2020	TALENTIO	3.25 LPA
48	29/01/2020	GLOBAL AUTO COMPONENTS	1.74 LPA

49	30/01/2020	SINTEX BAPL	1.62 LPA
50	31/01/2020	UNITED INDUSTRIES	1.66 LPA
51	05/02/2020	MULTIPLIER AI SOLUTIONS	4.10 LPA
52	10/02/2020	L&T NXT	6.40 LPA
53	14/02/2020	BRIGHTEX BIO PHOTONICS	3.00 LPA
54	04/02/2020	RYTHMOS INDIA	3.00 LPA
55	18/01/202	COVALENSE DIGITAL SOLUTIONS	3.00 LPA
56	06/01/2020	WINWIRE TECHNOLOGIES	4.00 LPA
57	20/02/2020 21/02/2020	GENPACT	2.40 LPA
58	19/02/2020	MILEKAL	2.4 LPA
59	03/03/2020	QSPIDER/JSPIDER	2.40 LPA
60	29/02/2020	SYSTEMATIX INFOTECH	2.40 LPA
61	14/03/2020	DXC TECHNOLOGY	3.40 LPA
62	12/03/2020	MEDICO HEALTH CARE	2.04 LPA
63	07/02/2020	THASMAI AUTOMATION	2.60 LPA
64	13/02/2020	EIDIKO	3.00 LPA
65	29/02/2020	THOUGHTCLAN TECHNOLOGIES	4.50 LPA
66	21/06/2020	IVY COMPTECH	5.50 LPA
67	21/07/2020	BYJU'S	10.00 LPA
68	29/09/2020	VAYU GROUP	1.80 LPA
69	17/09/2020	RAMKY INFRASTRUCTURES	1.80 LPA
70	03/11/2020	NIIT STACKROUTE	5.00LPA
71	28/09/2020	SL LUMAX	1.47 LPA
72	06/01/2020	KORED INFRATECH	1.80 LPA
73	17/10/2020	HCL TECHNOLOGIES LTD	2.60 LPA
74	10/10/2020	ENVISION FINANCIAL SYSTEM	3.60 LPA
75	11/02/2020	APARNA CONSTRUCTIONS	2.16 LPA
76	18/02/2020	CAPGEMINI	3.50 LPA
77	12/02/2020	SPANDANA SPOORTHY	2.40 LPA
78	19/11/2019	BNP PARIBAS	4.00 LPA
79	06/02/2020	MEC SOLUTIONS	2.16 LPA
80	14/02/2020	RAISING STAR	1.44 LPA
81	13/03/2020	VPG SENSORES	1.44 LPA

Career Counseling A.Y. 2019-20

S. No.	Date	Name of the Company	Description of Pre/Placement Talk
1	18/03/2019	Keka Technologies	1. Keka is one of the fastest growing SaS (B2B) products in India and has quickly grown to a leader position in its segment in shortest time. We are on a mission to provide best employee experience for companies across the globe 2. If you are a Tech/Savvy, Passionate about Software Development , If you want to build world class products for millions of users using cutting edge technologies. If you have strong Logical, Analytical & Problem/solving skill If you're someone who can code with extreme attention to details, given the complex business problems / challenges, we will be offering you asFull Stack Developer, Front End Developer, Quality Analyst, UX Designer
2	08/07/2019	Hyundai Steel	 1 .Hyundai Steel Co., Ltd, or HSC is a steel making company 2. For Graduate Trainee Engineer, requires knowledge in Blast furnaces, Hot coil, CR & plate mill
3	09/07/2019	Hyoseong Electric	 Prominent & Leading Manufacturer from Chennai, we offer Power Steering Pump, Power Steering Hose, Power Steering Bracket, Power Steering Fluid and Power Steering Gear Assembly.

4	16/08/2019	LTI	1. A multinational professional services network of firms. 2. By joining You can become an Analyst, economist, Technologist, Innovator.
5	14/08/2019	MAQ	1. A multinational professional services network of firms. 2. By joining You can become an Analyst, economist, Technologist, Innovator.
6	26/8/2019	GGK Tech	 1. CDK is a company that designs critical high-tech systems for strategic industry sectors worldwide. Its solutions combine electronics and information technology, delivering rapid innovation to its customers. The highly skilled teams enable fast deployment and long-term maintenance of its solutions. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills that are available immediately to join. Coding- C, C++, JAVA and Python and Machine Learning is necessary.
7	30/08/2019	NIFCO	Plastic fabrication company,After Successful complitation of training, you will design, develop and manufacture quality components for the global automotive industry
8	30/08/2019	Daejoo Automotive India	1. DAEJOO AUTOMOTIVE INDIA PRIVATE LIMITED is a machinery company 2. Involves in production of many components
9	30/08/2019	Kwang Jin	1.Kwang Jin Corporation (KJC) manufactures quality rotary joint and swivel joint that are used in various steel industry fields 2. Involves in production department as an quality analyst
10	07/09/2019	Hi-Tech Arai Limited	Hitech Arai Pvt Ltd / Manufacturer of rubber oil seal, shaft oil seal & stainless steel
11	08/08/2019	TCS NQT	To achieve the goal of being a valued employee of the organization that they aspire to be part of.

12	12/09/2019	ZENQ	1. ZenQ is a leading provider of information technology services to clients across the globe. We offer a comprehensive range of value-added outsourcing solutions that are of the highest quality and efficiency, to help our customers build quality products 2. Should have a knowledge in testing tools as a test engineer
13	12/10/2019	Hexaware Technologies	1.IT service management company
14	03/10/2019	Amazon AWS	1. If you have a passion for programming and you envision a future equipped with problem/solving skills and technology innovations, participate in HackWithInfy and build a future of your choice. 2. Your designations will be Associate Software Engineer 3. In coding we will be giving training as per the requirement
15	18/09/2019	Surya Tech Solutions	1. It is a software company which works across ITOps, Cyber security, Networks, and Cloud 2. Joining in this gives a confidence start in career
16	09/11/2019	ROBO GROUP	1. It is a construction Company and a graduate trainee position will be offered and will be responsible for the total project until completion
17	13/11/2019	T/SYSTEMS	
18	14/11/2019	EXTRAMARKS	1. BYJU'S is an Indian multinational educational technology company 2. Can become professional in business development, trainings.
19	15/11/2019	Vaishnavi Information Technologies	
20	26/11/2019	INFOSYS	1. If you have a passion for programming and you envision a future equipped with problem-solving skills and technology innovations, participate in HackWithInfy and build a future of your choice. 2. Your designations will be Associate Software Engineer 3. In coding we will be giving training as per the requirement

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21	18/10/2019	WIPRO	1. If you have a passion for programming and you envision a future equipped with problem/solving skills and technology innovations, participate in Hack With Infy and build a future of your choice. 2. Your designations will be Associate Software Engineer 3. In coding we will be giving training as per the requirement
22	13/12/2019	WOOSU AUTOMOTIVE	1. WOOSU AUTOMOTIVE INDIA PRIVATE LIMITED is a machinery company 2. Involves in production of many components
23	14/12/2019	KWANGSUNG	Prominent & Leading Manufacturer from Chennai, we offer Power Steering Pump, Power Steering Hose, Power Steering Bracket, Power Steering Fluid and Power Steering Gear Assembly.
24	20/12/2019	WEB SYNERGIES	
25	21/12/2019	MAGIK MINDS	 1. It is a software company which works across ITOps, Cyber security, Networks, and Cloud 2. Joining in this gives a confidence start in career
26	22/12/2019	RAYBIZ TECHNOLOGIES	It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer
27	26/12/2019	SAVANTIS SOLUTIONS	It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer
28	09/01/2020	YSI AUTOMOTIVE	1. WOOSU AUTOMOTIVE INDIA PRIVATE LIMITED is a machinery company 2. Involves in production of many components.
29	07/12/2019	TAVANT TECHNOLOGIES	1. It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer.
30	10/01/2020	Tech Mahindra	1. A multinational professional services network of firms. 2. By joining You can become an Analyst, economist, Technologist, Innovator.
31	20/1/2020	TESSOLVE	
32	20/01/2020	TETRASOFT	

33	29/01/2020	GLOBAL AUTO COMPONENTS	1. It is a global production company and will be employed as trainee in production department of various automobile components.
34	30/01/2020	SINTEX BAPL	Sintex/BAPL Limited manufactures auto parts. As a trainee, company involves you in production and manufacture of moulded plastic components such as rear bumper, overhead, side wall
35	31/01/2020	United Industries	
36	19/02/2020	MILEKAL	It is a steelwork design company and the hired one will undergo different software trainings related to steel detailing and desisgns
37	03/03/2020	QSPIDER/JSPIDER	QSpiders is No.1 software testing training institute in India with a view to bridge the gap between industry requirement and curriculum of educational. Here you will be trained to make a road map how to make better connections between industry and educational industries.
38	14/03/2020	DXC TECHNOLOGY	1. DXC is an consulting company through which we provide recruitment to different multinational companies. 2. Joining in DXC is a kick start and the knowledge in c, c++, jva, python is required.
39	12/03/2020	Medico Health care	Healthcare services, technology and management company. Good platform for fresher's to grow they life lot of learning will we there
40	07/02/2020	THASMAI AUTOMATION	thasmai is an innovative solution provider. Designing solutions for Security, Home Automation and Home Theaters hired will be as design analyst where he works under different environments
41	13/02/2020	EIDIKO	1. It is a software company which works across ITOps, Cyber security, Networks, and Cloud 2. Joining in this gives a confidence start in career
42	21/07/2020	Byju's	1. BYJU'S is an Indian multinational educational technology company 2. Can become professional in business development, trainings.
43	29/09/2020	Vayu Group	1. It is a software company which works across ITOps, Cyber security, Networks, and Cloud 2. Joining in this gives a confidence start in career

44	17/09/2020	RAMKY INFRASTRUCTURES	Ramky Infrastructure Ltd a public limited company serving diverse sectors including construction business and infrastructure development projects in India Graduate Trainee Engineer will be trained on all aspects related to construction and business
45	28/09/2020	SL LUMAX	
46	10/12/2019	HDFC	HDFC Bank Limited is an Indian banking and financial services company will be employed as sales executive and responsible for financial related.
47	18/1/2019	Moving Dneedle	Real estate agency and will be hired as sales support
48	10/02/2020	Itz My Choice	
49	11/02/2020	Mphasis Ltd	 Mphasis has been nimble and agile in integrating and building specialization to enable future proofing of the organization as well as its customers. Associate Software Engineer will be trained to Applications Development, Applications Testing, and Application Production Support etc. as per business requirement.
50	12/02/2020	Tata AIG	It is an general insurance company and a joint venture between tata group and American international group
51	13/02/2020	Quess Corp Ltd	
52	05/02/2020	Multiplier AI Solutions	It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer
53	28/02/2020	CES Limited	
54	16/03/2020	More Retail Ltd	It is an private company and the career will start as sales executive where you will be given targets
55	12/03/2020	Medico Health care	Healthcare services, technology and management company. Good platform for fresher's to grow they life lot of learning will we there

Training, Career Guidance & Placement Cell Events and Activities A.Y. 2018/2019

S.No.	Date	Conducted By	Description of the Event	Venue	Resource Person	No.of Students Enrolled
1	16/08/2018	ACE Academy Hyderabad	Importance of Gate Exam	Ramanujan Bhavan. Seminar hall	Sri K. Kesava Reddy	387
2	20/09/2018	Global Opportunities Vishakapatnam	Awareness on Higher Education	Ramanujan Bhavan. Seminar hall	Sri I. Mohammed Basha	383
3	12/12/2018	Time Institute Rajamahendravram	Career Planning and Management	Ramanujan Bhavan. Seminar hall	Sri K. Sai Venkat	428
4	31/1/2019	Infosys Hyderabad	Awareness on Opportunities in Software Industry	Ramanujan Bhavan. Seminar hall	Sri G. Karthik	445
5	27/2/2019	RK Study Center Rajamahendravram	Awareness on Banking sector exams	Ramanujan Bhavan. Seminar hall	Sri V. Sandeep	451

Events Conducted Under Training & Placement Committee A.Y. 2018/2019

S.No	Name of the Program	Date	Resource Person	No. of Students Attended
1	**Soft skills –**English Speaking skills	11/06/2018 to 13/06/2018	Technical Hub, Surampalem Mr. K.Devan 9397934366	272
2	**ICT/Computing skills –** Five day training on JAVA Programming	17/07/2018 to 21/07/2018	Technical Hub, Surampalem Mr. R Sudhir 9951722111	323
3	**Soft skills –** One week Campus Recruitment Training	10/12/2018 to 15/12/2018	Technical Hub, Surampalem Mr. K Bharath Kumar 9346445450	165
4	**ICT/Computing skills –**Training on Cisco networking	04/02/2019 to 09/02/2019	Technical Hub, Surampalem Mr. B.Veerababu 9492157450	323

COMPANIES VISITED A.Y. 2018/2019

S.No	Date	Name of the Company	Salary Packages
1	23/03/2019	PATHFRONT	1.80 LPA
2	18/08/2018	RIKTAM TECHNOLOGY	2.16 To 4.20 LPA
3	09/01/2019	ALIENS GROUP	2.04 LPA
4	20/11/2018 23/11/2018	APTROID	2.40 LPA
5	19/03/2019	ARYAAN SOLUTIONS	1.80 LPA
6	01/10/2019 11/10/2019	ASPIRATION ENERGY	2.40 LPA
7	22/02/2019	ATOS SYNTEL	3.50 LPA
8	17/09/2018	AZTEC	1.90 LPA
9	20/03/2019	BSCPL	1.80 LPA
10	20/02/2019	CALIBER TECHNOLOGIES	2.60 LPA to 2.70 LPA
11	03/10/2018	CAPGEMINI	3.80 LPA
12	23/03/2019	CHOLA MS GENERAL INSURANCE / MURUGAPPA GROUP.	3.00 LPA
13	21/06/2018	CIALFOR	1.80 LPA
14	25/11/2018	CTRLS	3.30 LPA
15	06/02/2019	CTS (COGNIZANT)	3.25 LPA
16	24/05/2019	DECATHLON SPORTS	2.81 To 3.31 LPA
17	28/07/2018/	DIVAMI	3.2 LPA
18	16/05/2019	DREAMGAINS	5.3 LPA
19	11/03/2019	DREAMSTEP	1.20 LPA
20	22/11/2018	EFFTRONICS	3.00 To 7.00 LPA
21	07/03/2019	FNP (FERNS & PETALS)	4.00 LPA
22	14/02/2019 15/02/2019	GENPACT	2.40 LPA
23	09/04/2019	GGK TECH	3.50 LPA
24	09/04/2019	GSK	1.44 LPA
25	07/01/2019	HCL	3.50 LPA
26	26/12/2018 28/12/2018 29/12/2018	HYPER FILTERATION PVT. LTD.	1.80 LPA
27	05/04/2019	IB HUBS	8.00 LPA

28	08/02/2019	IBEON INFOTECH	2.40 LPA
29	22/04/2019	INFOR GLOBAL SOLUTIONS	4.46 LPA
30	21/12/2018	INFOSYS	3.60 LPA
31	28/09/2018	INVENIO SOLUTIONS	3.60 LPA
32	20/11/2018 21/11/2018 22/11/2018	JARO EDUCATION	5.64 LPA
33	27/09/2018 28/09/2018 29/09/2018	KEKA(TECHNOVERT)	6.00 LPA
34	14/03/2019	KRISAM AUTOMATION PVT LTD	1.80 LPA
35	11/03/2019	KWANG JIN INDIA AUTO SYSTEMS PVT LTD	1.56 LPA
36	18/02/2019 19/02/2019	L/CUBE (GLENWOOD SYSTEMS)	2.40 LPA to 2.70 LPA
37	28/12/2018	LTI INFOTECH	3.30 LPA
38	19/11/2018	LTI INFOTECH(PT)	4.10 LPA
39	21/11/2018	MULTIPLIER SOLUTIONS	2.70 LPA
40	18/03/2019	NANDEE NETWORKS	1.80 LPA
41	23/02/2019	NVH INDIA AUTO PARTS PVT. LTD	1.38 LPA
42	07/02/2019	OPEN TEXT	6.82 LPA
43	30/01/2019	PARAMATRIX TECHNOLOGIES	3.00 LPA
44	16/03/2019	PENNANT TECHNOLOGIES	2.40 LPA
45	28/12/2018 29/12/2018	PRATIAN TECHNOLOGIES	4.00 LPA
46	29/03/2019	PROLIFICS	3.00 LPA
47	02/03/2019	QSPIDERS	JSPIDERS	2.40 LPA
48	24/01/2019	RAAM GROUP	2.40 LPA
49	29/01/2019	SAMSUNG R&D	7.50 LPA
50	1502/2019	SAVANTIS	1.83 LPA
51	24/11/2018	SEGUROSOFT	2.40 LPA
52	23/01/2019	SENSA CORE MEDICAL INSTRUMENTATION	1.97 LPA
53	10/04/2019	SEVENTH SENSE TALENT SOLUTIONS	3.50 LPA
54	28/09/2020	SL LUMAX	1.47 LPA
55	12/02/2019	SURYA TECH SOLUTIONS	1.98 LPA to 5.40 LPA

56	10/11/2018	SYNTEL	3.60 LPA
57	04/10/2018	TCS	3.36 LPA
58	13/05/2019	TECH TAMMINA	1.44 LPA
59	12/01/2019	TECHNIPFMC	6.00 LPA
60	28/11/2018 30/11/2018	TEK SYSTEMS	6.00 LPA
61	20/03/2019 21/03/2019	THASMAI AUTOMATION	3.65 LPA
62	29/04/2019	TRINITY CLEANTECH	1.44 LPA
63	15/03/2019	VIJAY NIRMAN	1.80 LPA
64	16/11/2018	WIPRO	3.50 LPA
65	20/09/2018 21/09/2018	ZENQ	3.20 LPA

CAREER COUNSELING/AY 2018-19

S. No.	Date	Name of the Company	Description of Pre/Placement Talk
1	28/07/2018	Divami	1. We are the leading UX UI Design agency offering research, website design, and web and mobile app development 2. An UX Engineer - Intern should have Sound conceptual knowledge on Programming languages and platforms Excellent coding skills in C/C++/Java Good at problem solving and analytical thinking, Soft Skills, Excellent communication skills Team player, Positive Attitude Open to change
2	17/09/2018	AZTEC	1. It is a process automation and information firm founded by industry experts 2. Hiring as Trainee to plan, develop, design, construct

3	28/09/2018	Invenio Solutions	 It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer
4	3/10/2018	CAPGEMINI	1. Applies next/generation technology to help enterprises transform businesses globally. 2. We would be hiring for Associate Software engineer and required skill sets are Applications Development, Applications Testing, Application Production Support etc. as per business requirement.
5	4/10/2018	TCS	1. Company that designs critical high/tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills who are available immediately to join. Coding/ C,C++,JAVA and Python.
6	10/11/2018	Syntel	
7	16/11/2018	WIPRO	1. Company that designs critical high/tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills who are available immediately to join. Coding/ C,C++,JAVA and Python.
8	28/12/2018	LTI INFOTECH	1. Applies next/generation technology to help enterprises transform businesses globally. 2. We would be hiring for Associate Software engineer and required skill sets are Applications Development, Applications Testing, Application Production Support etc. as per business requirement.
9	21/11/2018	MULTIPLIER SOLUTIONS	1. It is a niche software solutions and service provider across horizontal markets. A key enabler in the digital transformation space. 2. involved as Associate Software Trainee who will be working on python, product based.
10	22/11/2018	EFFTRONICS	It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer
11	24/11/2018	SEGUROSOFT	

12	25/11/2018	CTRLS	1. CtrlS sells services like data center collocation, DC build and consulting, Internet bandwidth, managed services, cloud security services, and disaster recovery services. 2. Cloud computing, Cloud storage Knowledge of Uptime and TIA standards for data centers design
13	21/12/2018	INFOSYS	1. Company that designs critical high-tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills that are available immediately to join. Coding- C, C++JAVA and Python.
14	19/11/2018	LTI INFOTECH(PT)	1. Applies next/generation technology to help enterprises transform businesses globally. 2. We would be hiring for Associate Software engineer and required skill sets are Applications Development, Applications Testing, Application Production Support etc. as per business requirement.
15	09/01/2019	Aliens Group	1. A company that designs critical high/tech systems for strategic industry sectors worldwide. Its solutions combine electronics and information technology, delivering rapid innovation to its customers. The highly skilled teams enable fast deployment and long/term maintenance of its solutions. 2.We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills who are available immediately to join. Coding/ C,C++,JAVA and Python and Machine Learning is necessary

16	06/02/2019	CTS (COGNIZANT)	1. Company that designs critical high/tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills who are available immediately to join. Coding/ C,C++,JAVA and Python.
17	08/02/2019	IBe ON Infotech	1. BYJU'S is an Indian multinational educational technology company 2. Can become professional in business development, trainings.
18	12/02/2019	Surya Tech Solutions	It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer
19	15/02/2019	Savantis	It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer
20	23/02/2019	NVH India Auto Parts Pvt. Ltd	
21	02/03/2019	QSpiders | JSpiders	Q Spiders is No.1 software testing training institute in India with a view to bridge the gap between industry requirement and curriculum of educational. Here you will be trained to make a road map how to make better connections between industry and educational industries.
22	07/03/2019	FNP (Ferns & Petals)	
23	11/03/2019	Kwang Jin India Auto systems Pvt Ltd	1.Kwang Jin Corporation (KJC) manufactures quality rotary joint and swivel joint that are used in various steel industry fields 2. Involves in production department as an quality analyst
24	15/03/2019	Vijay Nirman	Vijay Niram Ltd a public limited company serving diverse sectors including construction business and infrastructure development projects in India Graduate Trainee Engineer will be trained on all aspects related to construction and business
25	18/03/2019	Nandee Networks	It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer
26	19/03/2019	Aryaan Solutions	It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer
27	23/03/2019	Pathfront	Identity Services for their business success. We support identity and access management services from industry leaders including OKTA, Microsoft Azure and IBM Should have knowledge on .net, Java / IBM (Filenet, WebSphere Portal/ i2) / SAP/ Oracle / Microsoft Technologies/ Security etc.
28	23/01/2019	Sensa Core Medical Instrumentation	It is a machinery company Involves in production of many components of medical and will be a representative in sales department.
29	23/03/2019	Chola MS General Insurance / Murugappa Group.	holamandalam MS General Insurance Company Ltd is an Indian insurance firm and a joint venture between the Murugappa Group, an Indian conglomerate, and the Mitsui Sumitomo Insurance Group, a Japanese insurance company

30	16/03/2019	Pennant Technologies	
31	29/03/2019	Prolifics	1. A company that was born in the digital culture and creates solutions based on a methodology that combines intense business analysis, UX design and technology 2. works on test automation and marketing
32	14/03/2019	Krisam Automation Pvt Ltd	is an innovative solution provider. Designing solutions for Security, Home Automation and Home Theaters hired will be as design analyst where he works under different environments
33	10/04/2019	Seventh Sense Talent Solutions	It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer
34	05/04/2019	IB HUBS	 It is completely an software company and working on projects on different languages which helps you to be employed as a software engineer
35	20/03/2019	BSCPL	1. It is a construction Company and a graduate trainee position will be offered and will be responsible for the total project until completion
36	09/04/2019	GSC	 1. GSG is a company that designs critical high-tech systems for strategic industry sectors worldwide. Its solutions combine electronics and information technology, delivering rapid innovation to its customers. The highly skilled teams enable fast deployment and long-term maintenance of its solutions. 2. We are recruitment for Trainee Software Associate 3. Requires excellent technical, communication and presentation skills that are available immediately to join. Coding- C,C++,JAVA and Python and Machine Learning is necessary

37	29/04/2019	Trinity Cleantech	
38	08/09/2018	RAKI AVENUES	RAKI group is the emerging leader in AP state in real estate and Construction sector with major interests in building smartly Graduate trainee Engineer will be trained in all aspects related to construction.
39	05/01/2019	Vivo Global	1. Explore high/tech and powerful vivo smartphone and accessories. The world's leading smart device manufacturers in photography and gaming performance 2.Trainee will be involved in production
40	23/01/2019	BATA INDIA	Bata Corporation is a Czech multinational footwear and fashion accessory manufacturer and retailer
41	30/01/2019	Placement Park	
42	24/01/2019	Raam Group	1. raam group Leading automobile dealership. 2. will be an sales representative
43	31/01/2019	Spandana Sphoorty	Spandana Sphoorty Financial Ltd is a Micro Finance firm head/quartered at Hyderabad
44	14/02/2019	Genpact	1. Company that designs critical high/tech systems for strategic industry sectors worldwide. 2. We are recruitment for Trainee Software Associate Requires excellent technical, communication and presentation skills who are available immediately to join. Coding/ C,C++,JAVA and Python.
45	18/04/2019	ICICI BANK	ICICI Bank Limited is an Indian banking and financial services company Will be employed as sales executive and responsible for
46	19/03/2019	BROADRIDGE	
47	21/03/2019	CULTFIT	

9.6. Entrepreneurship Cell (5)

(The institution may describe the facility, its management and its effectiveness in encouraging entrepreneurship and incubation) (Success stories for each assessment years are to be mentioned)

The Entrepreneurship Development Cell (EDC) in Aditya College of Engineering (ACOE) is initiated to promote Entrepreneurship Culture and activities among the students by organizing the related activities.

Facility and its Management

ACOE/EDC was established in 2014 and the primary objective of EDC is to organize Entrepreneurship awareness Programs for students in order to bring awareness about Entrepreneurship. The EDC in college conducts a number of Skill development training programs that can lead to self/employment. As a part, research work and surveys will be carried out for identifying entrepreneurial opportunities. EDC also arranges guest lectures by successful entrepreneurs and provides a platform for interaction between professional entrepreneurs and student entrepreneurs apart from organizing Boot camps, industrial visits, and panel discussions.

The main aim of the EDC is to develop entrepreneurship capability in students by organizing workshops on business communications (Email Writing; CV Making; Applying for a job), Presentation skills (How to present), idea Generation for Startups and technology development. EDC in college invites eminent people as resource persons like personality development trainers to motivate the students and to develop the attitude students. EDC cell has its own committee to take care of all the activities.

Events Conducted by EDC A.Y. 2021-22

S. No	Event Conducted Date	Name of the Event	Name of Guests	No.of Students Participated
1	08/11/2021 To 13/11/2021	6 Day Workshop on Generate Your Start/up Idea	Mr. K.B.S.Tarun Kumar founder and CEO of Hydro Tribe Private Limited	146
2	12/11/2021	Industrial Visit of Entrepreneurs Club members	Visit to Sri nikhil Krishna solution Peddapuram	142
3	16/11/2021	Idea Day	Mr. Surya Prasad Padala Founder and CEO of Padala Charitable Trust	139

Events Conducted by EDC A.Y. 2020-21

S. No	Event Conducted Date	Name of the Event	Name of Guests	No.of Students Participated
1	23.01.2021	Startup talks and interaction with our Start/up founders	Sri K.B.S. Tarunkumar intern coach of APSSDC	168
2	17/02/2021	Industrial visit for startup aspirant students	Visit to SNKS LED manufacture industry Peddapuram	153

Events Conducted by EDC A.Y. 2019-20
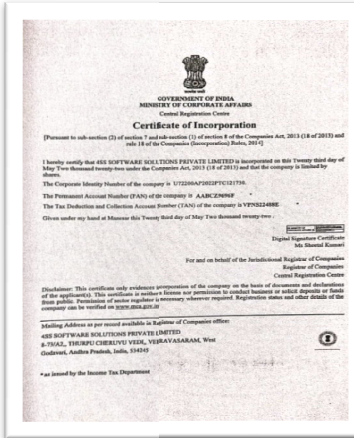
S. No	Event Conducted Date	Name of the Event	Name of Guests	No.of Students Participated
1	05/12/2019 to 07/12/2019	A Three/day college level boot camp on ideation and venture creation	Sri K.B.S. Tarun Kumar, intern coach of APSSDC	156
2	16/02/2020	A Seminar on Entrepreneurship Development and Startups in India	Sri K.B.S. Tarun Kumar, intern coach of APSSDC	148

Events Conducted by EDC A.Y. 2018-19

S.No.	Event Date	Name of the Event	Name of Guests	No of students participated
1	26/12/2018	ICONIC Event	Dr N. Sesha Reddy Chairman Aditya Group of Institutions Surampalem	142
2	16/02/2019	A Seminar on Entrepreneurship development and Startups in India	Mr. T.Bhogeswara Rao Industrialist. Chairman &Managing Director TBR Group Hyderabad	150
3	20/02/2019 to 21/02/2019	Two/day orientation programme "CEO Connects"	1. Maj. Gen. VPS Bhakuni VSM(R). (CEO Eagles Unbound) Bangalore. 2. Col. KV. Nair (R) 3. Dr. Saddam	164

Start/ups Initiated by Students

S. No.	Name	Branch	A.Y.	Enterprise	Certificate
1	Ms. T. Bhuvanaeswari	CSE	2021/22	**Tales to Teach Pvt.Ltd** Tales to teach is a unique way of teachings in the form of stories. The team of four members started to bring revolution to the teaching and education sector. This startup makes different stories to understand the concept and applications in the form of tales.	

2	Mr. V.A.S Subramanyam	CSE	2021/22	**4SS Software Solutions Pvt. Ltd.** They develop software for computers, mobile devices and the web with high quality and adaptable softwares.	
3	Mr. K. Bhaskar & Mr. P. Hari Prasad Reddy	CE ME	2020/21	**SDG Organics (Sri Durga Ganesh Rice deport Pvt.Ltd)** Current scenario its hard to get hygienic and organic rice, wheat, pulses, and veggie products. The team SDG Organics doing a contract farming with the association of Farmers and Tribes to provide healthy and hygienic food to the SDG community families	
4	Mr K.B.S. Tarun Kumar & Mr.REswaravara Prasad	ME ME	2020/2021	**Hydro Tribe Pvt. Ltd.** Design and installation of customized structures for cultivating organic vegetables by using soil/less forming techniques like hydroponics, Aeroponics and Aquaponics. Varieties of models are available for households and high/rise buildings.	

5	Mr.J. Teja	ECE	2019-20	**Night out Pvt Ltd** It is meticulously designed application where it provides a unique way of learning system. The content lecture videos are in a simple way are in simple language.	
6	Mr. V. Prashanth & Mr.G.RaviTeja	ECE ECE	2019-20	**Top Tray** Top Tray, The shop where you can find all the desired daily products in one place. In one click you have your desired products in one place.	
7	Mr. P. Bhaskar & Mr.D.Ram Rahul	CE CE	2018-19	**QQadz** QQadz for all Services (Branding & Advertising, Digital Marketing, Web Designing, House Layouts, Consultancy Services, Marketing Strategy, App Development, Media Works). We are with you for showcasing your brand in to market.	
8	Mr. V. Bharath & Mr. A. Sai Kumar	ECE ME	2018-19	**Trigid** TrigidTechnologies(3dclik x) Empowering the innovation and prototyping by fulfilling the requirements of the engineers at the best with the joy of 3D printing.	

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| 9 | Mr. K.K.Mishra & Mr.C.Manohar | CSE CSE | 2018-19 | **Agumentik** Agumentik is the fastest growing startup in Andhra Pradesh for designing Software, Website Development, App Development, Animation, Game Designing and Digital Marketing Era. | |
| 10 | Mr.D. Charan Sanjeev | ECE | 2016/17 | **Get my tailor** It is an online tailoring service which enables customers to get their stitching done. | |

9.7. Co-Curricular and Extra-Curricular Activities **(10)**

The college encourages the students to take part in both co/curricular and extra/curricular activities. The students are allowed to take part in various sport activities also.

I Sports and Cultural Activities)

Under sports and cultural activities ÀCOE conducts many sports and celebrates many activities like Engineers day, Teachers day, Farmers day, Pongal celebrations etc. Along with the above mentioned events various cultural activities like debate and discussion, Quiz, paper presentations, seminars and group discussion sessions are conducted.

Why Extracurricular Activities Matter

Getting involved in clubs, sports, work or other pursuits outside the classroom can give student new skills and help them learn about their own self. Extracurricular Activities also play a part when you apply to colleges. Most college applications ask about student activities. That's because the things student do in their free time reveal a lot about them — in ways that grades and test scores can't. Student accomplishments outside the classroom show what they are passionate about and that they have qualities valued by colleges.

The details of various categories of sports and cultural activities are listed below:

I) Sports

The Sports activities at Aditya College of engineering offer an opportunity to participate in a broad variety of sports and recreational activities. All programs are based on student interest and creates an environment where students can unite in diverse groups to achieve common goals and objectives while encouraging healthy lifestyles. Sports activities provide a valuable learning experience through student involvement in public relations, organization, administration, budgeting, scheduling, teaching, and leadership development.

Extracurricular activities are part of the college experience to find out what these students learned when they put down the books and got involved. Activities outside the classroom can give new skills and perspectives. They also reveal things about you that grades and test scores can't.College also offers Intramural leagues, Intramural leagues are set up by the college to give all students a chance to participate. Teams from the same college play against each other.

Students can often participate in traditional sports, such as basketball, soccer and softball, and can sometimes compete in other activities, such as dodgeball, inner/tube water polo or video games. Some colleges offer these types of sports at different levels, so students can match their skills and interest level by choosing a more/ or less/competitive team.

Availability of Sports Facilities:

List of play fields available in the campus

Sl. No.	Play field	No. of play fields	Sl. No.	Play field	No. of play fields
1	Volleyball courts	2	12	Kho/Kho courts	2
2	Throw ball court	1	13	Ball badminton court	2
3	Basketball court	1	14	Tennykoit court	2
4	Kabaddi court	1	15	Hand ball court	1
5	Long jump pit	1	16	Shotput circle	1
6	High jump pit	1	17	Discuss circle	1
7	200 mts. track	1	18	Javelin throw	1
8	Football and hockey	2	19	Gymnasium	1
9	Cricket field	1	20	Shuttle badminton court	2
10	Cricket bowling and batting nets	3	21	Table tennis boards	2
11	Kabaddi courts	2	22	Billiards board	1

Photo Gallery of the Play Fields

Images of Cricket Practice Nets,
Table tennis, Basketball court
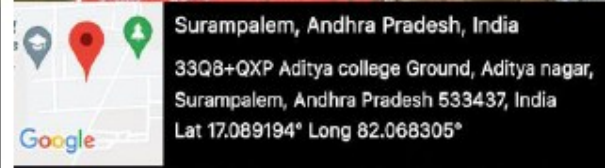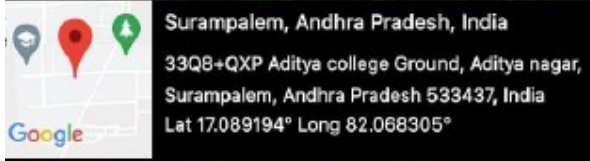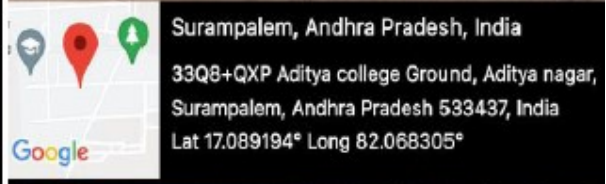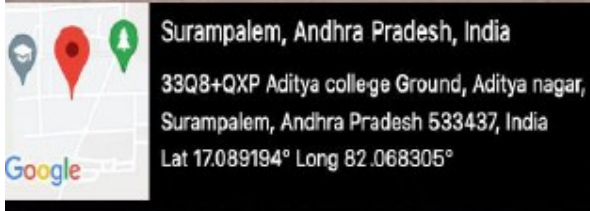
Images of volleyball court, Football field, Kabaddi & Kho Kho Courts,400m Athletics Track

Images of 100mts track, long jump pitch

List of Sport Activities:

Total Participant List

S.No.	Year	No.of Participants		Total No.of Participants
		Boys	**Girls**	
1	2021-2022	634	274	908
2	2020-2021	222	118	340
3	2019-2020	409	222	631
4	2018-2019	566	374	940

Academic Year 2021-2022

S. No	Name of the Event		Date of Events	No.of Participants
1	On the eve Independence day	Kabaddi for Boys	13th/14th August	85 (9 Teams)
		Badminton for Girls		29
2	On the eve of National Sports day	5KM Run For Boys	26th/27th August	62
		3KM Run for Girls		44
3	Chess Championship	Boys	6th/7th December	47
		Girls		33
4	Volleyball Tournament	Boys	15th/16th December	75 (8 Teams)
		Girls		43 (5 Teams)
5	Badminton Tournament	Boys	28th/29th December	57
6	Basketball Tournament	Boys	7th/8th January	62 (7 Teams)
7	A eve of Republic Day	Badminton for Boys	24th/25th January	62
		Throw ball for Girls		56 (5 Teams)
8	Kho Kho Tournament	Boys	28th/29th March	86 (8 Teams)
9	Kabaddi Tournament	Boys	27th/28th April	98 (10 Teams)
		Girls		69 (7 Teams)

Academic Year 2020-2021

S. No	Name of the Event		Date of Events	No.of Participants
1	Badminton Tournament	Boys	11th/12th February	57
		Girls		36
2	Chess Championship	Boys	24th/25th February	51
		Girls		47
3	Volleyball Tournament	Boys	9th/10th March	56 (7 Teams)
		Girls		35 (4 Teams)
4	Kabaddi Tournament	Boys	25th/26th March	58 (6 Teams)

Academic Year 2019-2020

S. No	Name of the Event		Date of Events	No.of Participants
1	On the eve of Independence day	Volleyball for Boys & Girls	12th/14th August	56 (6Teams)
				38 (4 Teams)
		Cricket for Boys		75 (5 Teams)
		Tennikoit for Girls		32
2	On the eve of National Sports day	5KM Running for Boys	27th/28th August	56
		3KM Running for Girls		37
3	Kabaddi Tournament	Boys	6th/7th October	68 (7 Teams)
4	Kho Kho Tournament	Boys	28th/29th November	60 (5 Teams)
		Girls		47 (4 Teams)
5	On the eve of Republic day	Badminton for Boys & Girls	24th/25th January	32
		Volleyball for Boys & Girls		27
				62 (6 Teams)
				41 (4 Teams)

S. No	Name of the Event		Date of Events	No.of Participants
1	On the eve of Independence day	Chess for Boys & Girls	10th/14th August	63
				51
		Kabaddi for Boys		62 (6 Teams)
		Badminton for Boys & Girls		53
				45
2	On the eve of National Sports day	100M Running for Boys & Girls	25th/28th August	42
				31
		Shot put for Boys & Girls		32
				17
		Long Jump for Boys & Girls		35
				21
		Volleyball for Boys		68 (7 Teams)
		Tennikoit for Girls		30
3	Basketball Tournament	Boys	10th/11th September	47(5 Teams)
4	Throw ball Tournament	Girls	26th/27th November	42 (4 Teams)

5	On the eve of Republic day	Kabaddi for Boys & Girls	23rd/25th January	61 (6 Teams)
				52 (5 Teams)
		Kho Kho for Boys & Girls		55 (5 Teams)
				53 (5 Teams)
6	Badminton Tournament	Boys	14th/15th March	48
		Girls		32

ACADEMIC YEAR 2018 - 2019

Images of intramural games & sports meet (CHESS COMPETITION)

Images of intramural games & sports meet (VOLLEYBALL TOURNAMENT)

Images of intramural games & sports meet (Aditya premier league & Aditya football league)

II) Extracurricular Activities

<p style="text-align:center">List of Extracurricular Activities 2021 - 2022</p>

Sl. No.	Name of the extracurricular activity	Date of activity	Number of participants
1	Essay Writing Competition @ National Education Day	11-11-2021	126
2	Quiz Competition@ National Mathematics Day	22-12-2021	52
3	Sankranthi Sambaraalu	09-01-2022	165
4	Elocution @ Republic Day	25-01-2022	48
5	Project Expo@ National Science Day	27-02-2022	65
6	Essay Writing@ Women's Day	06-03-2022	33
7	Drawing Competition	18-03-2022	35
8	Ugadi Celebrations	30-03-2022	106

List of Extracurricular Activities 2020 - 2021

Sl. No.	Name of the extracurricular activity	Date of activity	Number of participants
1	Rangoli @ Pongal	9-1-2021	35
2	Elocution @ Republic Day	25-1-2021	42
3	Yoga Training Session	9-2-2021	78
4	Project Expo@ National Science Day	24-2-2021	54
5	Essay Writing@ Women's Day	6-3-2021	36
6	Drawing Competition	18-3-2021	24

List of Extracurricular Activities 2019 - 2020

Sl. No.	Name of the extracurricular activity	Date of activity	Number of participants
1	Elocution @ Diwali -the festival of lights	25-10-2019	22
2	Essay Writing @ Children's Day-My Dream Parent	14-11-2019	34
3	Sudoku Competition@ National Mathematics Day	22-12-2020	28
4	Swing & Sing @ New Year's Eve	31-12-2019	26
5	Sankranthi Sambaraalu- Mehendi Designing	11-01-2020	18
6	International Day of Education- Theme2020- learning for people, planet, prosperity and peace- Poster Presentation	24-01-2020	22
7	Spot Choreography	09-02- 2020	32
8	Project Expo- National Science Day- Theme- Women in Science	28-02-2020	31
9	My Mother is Perfect, Fair & Lovely- Elocution Competition	08-03-2020	29
10	Let Us Draw- World Art Day- Drawing Competition	15-04-2020	27
11	International Dance Day	29-4-2020	38
12	World No-Tobacco Day- PPT on the topic: Smoking thrills but kills	31-5-2020	34

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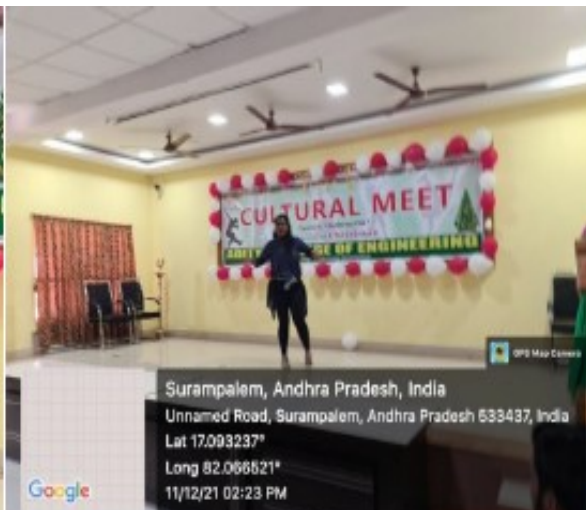
Images of Extracurricular Activities

III) NSS and other Clubs

a) National Service Scheme (NSS):

NSS is a voluntary association of young people in Colleges, Universities. The cardinal principal of the NSS program is that it is organized through participation in community service; gets a sense of involvement in the task of nation building.

Table 9.7: Summary of NSS Events Conducted

Sl. No.	Event Name	No. of students participated	Date
1	Blood bank camp	253	14/06/2021
2	One rupee fund program for orphanage	75	08/10/2021
3	Eye camp and free distribution of spectacles	92	28/10/2021

Photo Gallery of NSS Activities

Images of Eye camp and free distribution of spectacles

Images of One rupee fund program for orphanage

Images of Vaccination camp

b) Club Activities

SAC is an official student/led body of Aditya College of Engineering (ACOE). It acts as a student representative medium and student/led venture accelerator that fosters the development of entrepreneurs in the ACOE community through the educational experience of developing an eco/system for business from concept to launch. SAC (Student Activity Council) of our college is constituted by the following clubs.

1. AID (Ability in Disability)
2. Tech Club
3. Speakers & Readers Club
4. Entrepreneurship Club

Summary of Club Events Conducted in the Academic Years of 2020 - 2021

S.No.	Event Name	No.of Students Participated	Date
1	Guest Lecture on Entrepreneurship by Mr. Manu Iyer	164	10.07.2018
2	Guest Lecture on Entrepreneurship by Mr. Ravi Budama	220	28.07.2018
3	Awareness program on Entrepreneurship	1200	31.07.2019
4	Business Idea Competition / 2019	160	05.09.2019
5	Demo Day	120	14.09.2019
6	Promoting Entrepreneurship to All First/Year Students	260	28.09.2019
7	Start/up Talks and Interaction Session	80	23.01.2020
8	Germinate Your Business Idea	35	18.02.2020 to 20.02.2020
9	Industrial Visit	35	17.02.2020

10	Guest Lecture on Opportunities in LED Industries by Mr. I. Nikhil SNK Solutions	150	27/02/2020
11	Singing	30	10.01.2022
12	Dance Show	45	10.01.2022
13	Rangoli Competition	36	10.01.2022
14	Fashion Show	26	10.01.2022
15	Sankranthi Sambaralu Event	150	10.01.2022

Student Activity Council Organized Sankranthi Sambaralu on 10-11 January, 2022 at Aditya College of Engineering

Student activity Council organized "Start/up Talks". In this event, Entrepreneurship Development Cell supported start up founders who delivered there entrepreneurial journey to the students 80 participants.
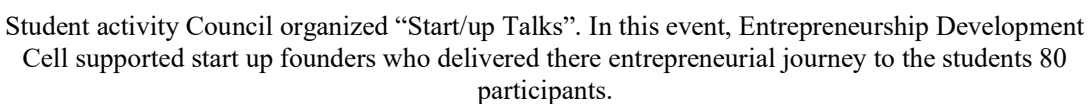
Germinate your business idea is a workshop for Budding student entrepreneurs was organized and in this GYB workshop, they will learn how to generate a business idea and identify the problem & solution. They can also learn about how to evaluate the idea and how to do a SWOT analysis for the business idea. Institution Innovation Council & Entrepreneurship Development cell of Aditya College of Engineering organized this Generate Your Business Idea Workshop from 18.02.2020 to 20.02.2020.

Students visited the SNKS led manufacturing unit located at Peddapuram, East Godavari District, Andhra Pradesh and 35 students participated in this visit. Students are exposed to the production and manufacturing process and how a manufacturing firm can be as startups and the images are presented here.

A guest lecture on 'Opportunities n LED industries was organized and successful entrepreneurs Mr.I Nikhil MD of Sri Nikhil Krishna Solutions, as a Guest speaker explained about the importance of entrepreneurship and opportunities in LED industries with 150 students' participation.

Interactive Session on Entrepreneurship by Mr. Manu Iyer Managing Director, Blue Hill Capital Pvt Ltd, on 10th July 2018 and Mr Iyer explained about how to generate ideas and evaluate the idea, how to find a good team and team building, how to face market challenges, How to handle the Financials for start/ups. In this session, 110 students participated and interacted with the speaker, from all the Departments of Aditya College of Engineering.

On July 28th, Interactive Session on Entrepreneurship by Speaker Ravi Budama Founder & CEO of Startupyo.In this session, Mr.RaviBudama interacted with students and with Start/up teams. He explained why Entrepreneurship is important in the Present Scenario. How MSME's is playing a key role in Country Development. He has given some inputs to the start/up's teams
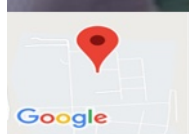
SAC Entrepreneurship Club associated with the Entrepreneurship development cell organized an "Awareness program on entrepreneurship" for 90 Minutes from 24.06.2019 to 31.07.2019. Speakers Mr K. B. S. Tarun Kumar and Mr T. Charan delivered a talk on what is innovation and entrepreneurship, need for innovation in daily life and conducted a brainstorming session with 1200 students active participation.
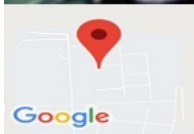
SAC Members displayed and explained the ventures under the Entrepreneurship development cell. Students visited the products displayed and services provided by the startups. They learn how these startups are running and how they innovate the products and services to gain the customer interest. 1st year students understood how entrepreneurship development cell helps to the startups and 260 students were participated.

Surampalem, Andhra Pradesh, India
33V9+32H, Surampalem, Andhra
Pradesh 533437, India
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On 5th September 2019, Student Activity Council associated with Entrepreneurship Development cell organized Business Idea Competition/2019. In this program 5 best ideas in different emerging technologies like Agri/tech, Edu/tech, and E/Commerce were shortlisted out of 28 ideas were registered.

Surampalem, Andhra Pradesh, India
33V9+32H, Surampalem, Andhra
Pradesh 533437, India
Lat 17.092494° Long 82.067966°

Student Activity Council associated with Entrepreneurship Development Cell organized Demo Day on 13/14 September 2019 at Aditya College of Engineering. In this event from the Entrepreneurship development cell, 10 start/ups and 6 ideated ventures participated.

III) Annual Activities:

Table 9.7.7: List of Annual Activities

S.No.	Event	Participants	Months of Conduction
1	Christmas Celebrations	300	December,2021
2	International Students Day Celebration	500	November, 2021
3	Engineer's Day	300	September, 2021
4	Achievers day	300	September, 2021
5	Christmas Celebrations	350	December,2019
6	International Students Day Celebration	150	November,2019
7	Engineer's Day	290	September,2019
8	Independence Day	250	August, 2019
9	Republic day celebrations	350	January, 2019
10	Christmas Celebrations	300	December,2018
11	International Students Day Celebration	150	November,2018
12	Engineer's Day	500	September,2018
13	Independence Day	250	August, 2018
14	Republic day celebrations	300	January, 2018

Christmas Celebrations, 160th birth Anniversary celebrations of Sir Mokshgundam Visvesvaraya, International Students Day Celebrations, Achievers Day Celebrations for A.Y 2021-2022

Images of Republic Day, Engineers Day Celebrations for A.Y 2019 - 2020

Images of Republic Day, Engineers Day Celebrations for A.Y 2018-2019

CRITERIA 10	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	120

10.1 Organization, Governance and Transparency (40)   Total Marks 40.00

10.1.1 State the Vision and Mission of the Institute (5)   Institute Marks: 5.00

Vision:

To induce higher planes of learning by imparting technical education with

- International standards
- Applied research
- Creative Ability
- Value based instruction and to emerge as a premiere institute.

Mission:

Achieving academic excellence by providing globally acceptable technical education by forecasting technology through

- Innovative Research And development
- Industry Institute Interaction
- Empowered Manpower

10.1.2 Governing body, administrative setup, functions of various bodies, service rules, procedures, recruitment and promotional policies (10)   Institute Marks : 10.00

ACOE follows the organization chart shown and the effective leadership is visible in various institutional practices such as decentralization and participative management.
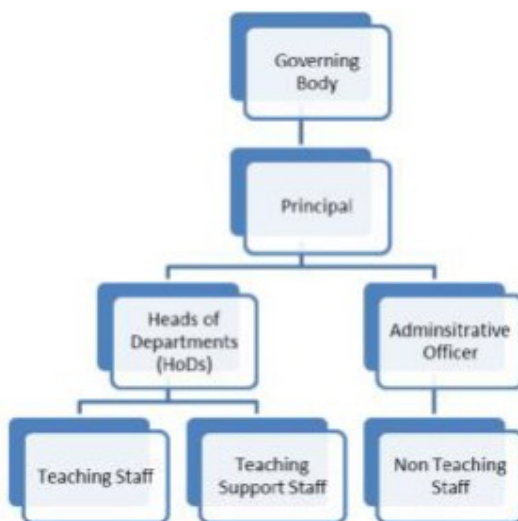
Governing Body

The Governing body is constituted as per the guidelines prescribed by AICTE / State Government / UGC / State Government. The Governing Body meets once in six months and interacts with industry experts, faculty, students and corporate to understand the improvement areas and raise the level of knowledge delivery at Aditya College of Engineering with the assistance of faculty members and administrators of the Institute. The Chairman, Vice-Chairman and Secretary are the functionaries who take the responsibility of implementing the policy decisions of the governing body. The functions and composition of Governing Body is presented and the minutes of governing body meetings are annexed.

- Governing body members are required to respect the confidentiality of sensitive information held by the Institute.
- The Governing body will comply with detailed tendering and purchasing procedures as well as complying with prescribed levels of authority for sanctioning any expenditure.
- The Members are required to use their reasonable endeavours to attend all governing body meetings.
- Governing body will guide and monitor the Institute while fulfilling the objectives.
- All the Institute activities and recommendations of the Academic Committee are reviewed.
- Governing body approves new courses/programs /certification programs recommended by the Principal.
- Recruitment process for Teaching/Non-teaching shall be approved by the Governing body with the policies laid down by AICTE/UGC/State Government/University etc.
- Governing body approves the annual budget of the Institute while considering all the requirements.

S. No.	Name of the member	Position in GB
1	Dr N. Satish Reddy	Chairman
2	Dr N. Sesha Reddy	Member
3	Sri N. K. Deepak Reddy	Member
4	Dr N. Suguna Reddy	Member
5	Smt. N. Sruthi	Member
6	Dr Pullela S.V.V.S. Ravi Kumar, Dean (A & A)	Faculty Member
7	Sri K. Manoj Kumar Reddy, Professor & HOD-EEE	Faculty Member
8	Dr M. Srinivasa Reddy	Educationist
9	Smt Pilli Sumalatha, Asst. Manager, Poorna Textiles, Peddapuram	Industry Nominee
10	Regional Officer, SCRO, AICTE, Hyderabad	Ex-Officio Member
11	Principal, Govt. Model Residential Polytechnic, Rajamahendravaram	State Government Nominee & Ex-Officio Member
12	Dr K. Ramu, Professor of ECE, JNTUK, Kakinada	University Nominee
13	Dr A. Ramesh, Professor of EEE & Principal, ACOE	Member Secretary

Principal

Principal is responsible for overall administration and academic function of the institution in keeping with policies of the management as well as mandatory regulations of the related authorities. The Principal has the executive powers to administrate the academic, non-academic and other functions based on the guidelines prescribed. The Principal of an Institution should always be honest, fair, objective, supportive, and protective and law abiding. Besides, the following traits are expected from the Principal.

- Chalk out a policy and plan to execute the vision and mission.
- Promote industry-institution interaction and inculcate research and development activities.
- Ensure that the staff and students are aware of rules, policies and procedures lay down by the college and enforce them.
- Recommend and forward communication to the authorities.
- Monitor, manage and educate the administration of the institution and take remedial measures / actions based on the stakeholder's feedback.
- Execute any other qualitative and quantitative work for the welfare of the institution.
- Empower the staff and the students to reach their maximum potential.
- Exhibit outstanding strong leadership skills with the high integrity.

Dean (Academics & Administration)

- The Dean (Administration & Academics) has a key role to play in all academic matters to tone up the academic performance of all the departments and the overall quality and standards of the students and enriching the skills of the staff members.
- Assist the Principal in all matters of academic activities.
- Prepare all reports / documents / write-ups that the institution has to prepare for a specific purpose or help the Principal in all such matters.
- Responsible in making periodic assessment of Teaching faculty & Staff particularly the new entrants and submit a report with suggestions / remarks to the Principal.
- Accountable for the academics & the administration of all the departments.
- Evolves new strategies and action plans, involving the HOD concerned, for the development and the quality improvement of the department.
- Responsible for computing the manpower requirements as per work load norms of the department along with the HOD and recommend the staff requirement to the Principal on an ongoing basis.
- Expected to interact with students periodically, review the student performance in the internal and end semester examinations, regularity in attendance, and monitor general discipline of the students inside the campus and take appropriate corrective or disciplinary action in consultation with HODs.
- Monitor the functioning of each department under his control, and act as a strong interface between the Principal and the Head of the department in implementing policies and programs formulated from time to time for improving the quality effectiveness of teaching – learning process.
- Any other responsibility given by the authorities from time to time.

Head of the Department (HoD)

- HoD is responsible for the smooth functioning of all the department level activities and responsible for preparing curriculum and strategic plan pertaining to the department.
- He shall adhere to the Policies and Procedures governed by the Academic committee and ensures quality practices in their departments. Monitors the academic schedule/attendance/syllabus completion/Internal examinations.
- Monitors the requirements in laboratories and prepares budget proposals for purchase. He conducts regular faculty meetings and submits the minutes of the meeting to the Principal.

Various Committees/Cells/Clubs

For administrative convenience a number of committees/Cells/Clubs have been constituted to look into various aspects of the college administration, development and student & staff affairs. The list of such committees are presented here and their corresponding meeting

minutes and resolutions are published in college Website at http://acoe.edu.in/?p=IQAC#tab10 (http://acoe.edu.in/?p=IQAC#tab10).

Sl. No.	Name of the Committee		Sl. No.	Name of the Committee
1	ACADEMIC AND ADMINISTRATIVE AUDIT COMMITTEE		18	GRIEVANCE REDRESSAL CELL
2	ACADEMIC COMMITTEE		19	HEALTH CLUB
3	ADMISSIONS COMMITTEE		20	HOSTEL COMMITTEE
4	ALUMNI COMMITTEE		21	IIPC
5	ANTI-RAGGING COMMITTEE		22	LIBRARY COMMITTEE
6	BUILDING & WORKS COMMITTEE		23	MAGAZINE COMMITTEE
7	CANTEEN COMMITTEE		24	NSS COMMITTEE
8	CAREER GUIDANCE CELL		25	PLACEMENT & TRAINING COMMITTEE
9	CENTRAL PURCHASE COMMITTEE		26	PEVENTION OF SEXUAL HARASSMENT CELL / INTERNAL COMPLAINTS COMMITTEE
10	COUNSELLING COMMITTEE		27	R&D, CONSULTANCY COMMITTEE
11	CULTURAL COMMITTEE		28	RTI COMMITTEE
12	CURRICULUM COMMITTEE		29	SPORTS & GAMES COMMITTEE
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Functions of various committees

Internal Quality Assurance Cell

- Keeping the vision of the institution in view the cell advises on the following issues.
- Internal Quality Assurance Cell (IQAC) aims at continuous enhancement of quality in teaching-learning process.
- Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution.
- Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes.
- Optimization and integration of modern methods of teaching, learning and evaluation.
- Introduction of Add-on Courses.
- Welfare schemes for staff and students.
- Research and consultancy.
- Promotion of culture and Heritage.
- Organizing seminars, conferences and workshops at different levels.
- Extension and up gradation of Classrooms and Laboratories.

Curriculum Committee

- Curriculum planning involves effective delivery by providing competence, values, good citizenry skills besides making students develop holistically and capable of leading happy and purposeful life to cater the national goals in tune with Vision and Mission of the college.
- Curriculum committee along with Principal and Heads of the Departments (HOD) conducts meetings with to develop strategies for implementation of the curriculum. Each department head conducts departmental meeting before the class work commencement and prepares the academic calendar as per the schedule given by the university along with other activities like conduction of Seminars, Industrial visits, Guest lectures and Workshops. HOD will conduct meeting and allocate the subjects based on various parameters like experience, area of specialization and previous result analysis of the subject. Faculty prepares course files which consist of different parameters. Academic Audit committee will audit the course files.

  Curriculum delivery:

- College implements the lecture delivery by chalk and talk, power point presentations, video lectures/ NPTEL, animated videos, case studies, quiz, study tours, industrial visits.
- College conducts Induction program and bridge courses for 1st year students to help them to understand fundamental concepts in their respective program. Various training and certification programs, add–on courses etc. are conducted to 2nd, 3rd and 4th year students to make them industry ready. Faculty maintain the course register for both theory and lab classes which consists of syllabus, session planner, daily attendance, lecture diary, weekly self-appraisal, result analysis which ensures number of periods, topics covered, etc.
- The curriculum gaps bridged through delivery in the form of content beyond Syllabus and covered during regular classes, Guest Lectures and Workshops. Every fortnight syllabus completion status should be submitted by every faculty.

Academic committee

- Academic committee is centralized (Institute level) committee responsible for regulating and implementing different academic activities and it is headed by Convener along with all Heads of the Department and the representative from each department acts as Departmental Academic Coordinator is the member of Academic Committee.
- The followings are the duties of the academic committee in order to enhance the efficiency of learning and teaching process.
- To review advice on and develop policies on assessment for learning, teaching and learning quality.
- To review and formulate policies to enhance students" learning motivation.
- To review and advise elective subjects to be offered by the concern departments.
- To review and formulate policies to cater for student diversity.
- To monitor and following up students learning outcomes.
- To introduce and promote different teaching methods.
- To set up academic reward systems.
- To promote academic activities and creating an atmosphere of learning.
- To record students personal data and other learning experience records systematically to help students pursue further studies or develop their career.
- To help and support the teachers development through holding different professional development activities and orientations.
- Issuing the guidelines to the departments to organizing guest lectures by esteemed personalities from the industry and conducting workshops, organizing events for the improvement of the student's academics and knowledge.
- Encouraging and enhancing the teaching efficiency through the appraisal system.
- Make regulations for sports, extra-curricular activities, and proper maintenance and functioning of the playgrounds and hostels.
- To request the Governing body to encourage the best students with scholarships, fellowships, prizes and medals, and to frame regulations for the award of the same.
- Perform other functions as may be assigned by the Governing Body.

Admissions Committee

- The Admissions Committee is constituted to decide on the Admission related matters of the College.
- Functions and Responsibilities:
- Gathering Information about the process of Admission.
- Reviewing and developing admissions policy and practice.
- Notifying the seats available in various disciplines, Fee Structure, Commencement of admission and the last date.
- The admissions committee tracks the success of the admissions process each year by maintaining a database of pertinent information on the applicants.
- Provide guidance and counselling to parent and students who seek admission.

Examination and Malpractice Committee

- The main function of this Committee is to carry out examinations, publish results and award certificates (provided by the University) to the students who pass the final examinations.
- Functions and Responsibilities:
- To conduct Internal Assessment and External Assessment Examination related all work as per University notifications and ordinance.
- Set principles and guidelines for exam policy
- To notify the schedules of examination to the faculty and students well in advance to prepare themselves for the examinations.
- Preparation of smooth conduct of Examinations, preparation of time – table schedules, Invigilation duty chart, Seat allotment in the Examination halls etc.
- Assigning the duty to staff properly during examination as per duty chart
- To take decision on malpractice cases and award punishments as per the university regulations
- To facilitate the departments for smooth conduction of practical examination and submitting the attendance sheets and awarded marks sheets in closed envelops duly signed by the examiners to the university.

Career guidance cell

- To create awareness among the students about latest trends & needs of Government & Private Sector.
- To prepare the students to overcome challenges of the corporate world.
- To give training and guidance to students on career related matters and assist them in exploring new opportunities
- To activate resources for needy students to apply jobs
- To invite companies to interact with students

Industry Institute Partnership cell (IIPC)

- To develop of a strong technical workforce that would bridge the gap between industry requirements and academic orientation.
- To offer courses on the latest developments in engineering and technology to practitioners.
- To encourage industry and organizations for placement and training of students in industries.
- To conduct industrial training and industrial visit for the students and faculty.
- Motivate the young executives to become successful entrepreneur.

Training and Placement committee

- The Placement & Training Committee shall be primarily responsible for the activities related with campus placements. The responsibilities and functions shall include (but not limited to) the followings.
- To build confidence in students and develop right attitude in them
- Organize Various Training Programs to train the students in the areas of Quantitative Aptitude, Logical Reasoning and Verbal reasoning through the reputed external training organizations and in-house trainers.

- To plan and implement a mechanism for organizing various placement activities so as to provide placements to all the eligible candidates.
- To device and implement mechanism to liaison with good companies for recruitment of the students.
- To organize pool campus drive in campus or off campus.
- To work out and execute any other activity related with the placement of the students.

Library committee

The Library Committee provides a forum for open discussion of matters relating to the library and its services. The Committee will look into the matters relating to library such as procurement or adding up of titles, volumes, learning resources such as e-journals, e-learning material for the college for the academic year.

- To frame general rules for the management of the library.
- To prepare annual budget estimated of the library for submission to the academic Committee.
- To allocate funds, from the sanctioned annual budget of the library, to the Department and Centre of Studies for the purchase of books, journals, and periodicals.
- It invites the requirements from all the departments based on revisions in curriculum as well as students through a requirement register available in the Central Library and in the form of feedback.

Research & Development (R & D) committee

- Research and Development cell has been formed on the recognition of the fact that pioneering research and technological innovations will be critical drivers for the nation's sustained economic growth,
- It will facilitate the interchange of information, establishment of standards, new techniques and fresh approaches to old problems. The R&D Committee shall focus on providing an atmosphere conducive to research and development for faculty and students.
- To inculcate the concept of research among students & staff by arranging paper presentation competitions
- To organize Short Term Training Programs and workshops regarding Research.
- To support the faculty for writing quality research papers, patents and books
- To provide research atmosphere in the college.
- To arrange talks and interactions by eminent personalities from industry, R&D organizations, Institutions of repute; for the better understanding of research methodology and practices currently followed.
- To help the faculty in submitting the proposals to AICTE,DST/Non Govt. organizations

Entrepreneurship Development Cell (EDC)

- To promote entrepreneurship culture among the students by organizing entrepreneurship awareness programs
- Guide and assist potential entrepreneurs in the process of setting up, growing and managing the new venture
- To create awareness on entrepreneurship among the students.

- To device and implement a mechanism for creating awareness on Intellectual Property Rights (IPR) by motivating student and faculties, organizing workshops / seminars on the same.
- To device and implement a mechanism for patenting of the products or innovations and securing the prototypes/processes/products under intellectual property rights.
- To provide a platform for interaction with entrepreneurs.
- Motivate students to develop their own start-ups.

Counselling committee
- To resolve day to day academic problems of the student
- To monitor the students regularity & discipline
- To enable the parents to know about the performance & regularity of their wards.
- To monitor periodically progress of students in all aspects & ensure their well being
- Identify the students with problems avoid the distress situation
- To train the students in self-control of emotions
- Guiding students to choose right career path for job, higher studies, Entrepreneurship, etc.

Disciplinary Committee
- Disciplinary Committee consists of Senior Faculty members, drawn from all the departments.
- In order to maintain serene, silent clear and studious environment in the college campus and to inculcate discipline in the students, the following Rules and Regulations are formulated: Ragging (inside & outside the college) is strictly prohibited as per Andhra Pradesh Government Act and any such act is liable for suspension, dismissal and penal punishment.
- Students should neither involve nor encourage in acts of boycott/strike/quarrels, etc.
- Students should strictly follow the college timings and adhere to the dress code prescribed by the college.
- Students should not possess Mobile phones in the premises of college campus. If found, will be ceased and penalized.
- Students should wear I.D. Card as long as they are in the college campus.
- During the interval and lunch time the students are expected to maintain strict discipline and silence while moving in the corridors.
- Students should cooperate to maintain cleanliness in the campus. Students are strongly advised to use dust bins.
- Students should maintain decency and decorum in the class room
- Students should not slink or mess up others items/cash/books/calculators etc., in the class room and college.
- Students are strictly instructed to follow the above listed Rules and Regulations. Any violation in the General Discipline is liable for punishment (such as Suspension from attending college/ Rustication etc.) as decided by the Principal based on the recommendations made by the Disciplinary Committee. There lies the responsibility of the students to safeguard the image and reputation of the college, in their own interests.
- **Dress Code:** The following "DRESS CODE" is to be observed in the college premises.
- The boy student should attend the college only with College Uniform,, Formal dress with shirt tuck-in and shoes". The girl student should attend the college with College Uniform "Chudidhar" and "Dupatta".
- The foreign national study in this college should follow Formal Dress Code.

Anti-Ragging Committee

Anti – Ragging committee is one of the key committee that will be involved in designing strategies and action plan for curbing the Menace of Ragging in the institute by adopting an array of activities.

- Displaying the charts and other material stating evil nature, punishment of Ragging and also student's discipline.
- Ensuring compliance with the provision of UGC regulation 2009 at the institute level
- Appoint Anti-Ragging Squads in the institution monitor and oversee the performance of Anti-Ragging Squads in prevention of ragging in the institution creation of cordial atmosphere.
- To take appropriate action in case an incident of ragging is reported by Anti-Ragging Squad of the institute in case of need, reporting to the nearest police station

Anti-Ragging Committee--- Action Procedure

Anti-Ragging Squad will immediately inquire and report any incidence of ragging or abetment of ragging noticed by them immediately to the head of the institute and also to the Anti-Ragging Committee and Immediate action as per the situation will be taken by the Institute Anti Ragging Committee which may include:

- Immediate suspension of involved students
- Sending reinforcements or any help if required.
- Forwarding the report of the incident to the Anti-Ragging Committee of the University.

The Anti-Ragging Committee will examine the report and recommend appropriate punishment to University Anti Ragging Committee for approval (Reporting of the matter to the Civil Police or District Administration or lodging of complaint/FIR will not be done without the approval of University Anti Ragging Committee). If any incident, even minor is reported, in addition to action taken with regard to that incidence the anti-Ragging measures will be reviewed and strengthened with immediate effect.

Grievance and Redressal Committee

The main objective of the Grievance Redressal Committee is to provide simple, smooth and readily accessible procedure for prompt disposal of the day to day genuine grievances of the student and faculty community to maintain a compatible atmosphere at institution level.

- The committee proactively gives an opportunity to everyone in ACE to be listened to so that any feeling of injustice is sorted out promptly.
- The function of the cell is to look into the complaints lodged by any student/faculty, and judge its merit. The Grievance cell is also empowered to look into matters of harassment.
- Anyone with a genuine grievance may approach the department members in person, or in consultation with the class in-charge.
- In case the person is unwilling to appear in self, grievances may be dropped in writing at the letterbox/ suggestion box which are placed at different locations in the institution
- The cases will be attended promptly on receipt of written grievances from the students/faculty. The Grievance Cell will act upon those cases which have been forwarded along with the necessary documents.
- Use positive, friendly ways to resolve the crisis than punitive steps, which disturb the system

- Reassure them that the authorities will be acting impartially and will try to resolve the matter as amicably as possible.
- The Grievance Cell will assure that the grievance has been properly solved in a stipulated time limit provided by the cell
- The cell formally will review all cases and will prepare statistical reports about the number of cases received. The cell will give report to the authority about the cases attended to and the number of pending cases, if any, which require direction and guidance from the higher authorities.

Prevention of sexual harassment cell
- To provide an environment free of gender-based discrimination
- To deal with cases of discrimination and sexual harassment in a time bound manner, aiming at ensuring support services to the victimized
- To facilitate a safe environment that is free of sexual harassment
- Receive and redress complaints received from any member of the College (including students, research scholars, staff, and hostel residents) alleging sexual harassment by another member(s) of the College.
- Conduct formal inquiry and investigate and take decisions upon each complaint and recommend appropriate punishment or action to be taken, by the appropriate authority, in each instance.
- Ensure that all information pertaining either to complaints registered and the proceedings and findings of any inquiries and/or investigations are kept strictly confidential.

Sports and Games Committee
- To recommend to principal to provide facilities for indoor and outdoor games
- To finalize annual calendar of internal and external sports activities
- Prepare budget for proposed activities
- Provide necessary training to the students in different sports activities
- Selection of teams to represent college in intercollegiate tournaments and intramural tournaments.

Student Activity Centre (SAC)
- Functions and Responsibilities:
- To complement the academic experience of the students with extra-curricular programs that promotes social and personal development.
- To advise and assist the student groups in planning various programs.
- To provide as a recreational activity for the students to relax during free time
- To ensure overall development of every student.

NSS Committee
- Motivate, recruit and select students for NSS activities
- To create awareness regarding social service among the students and other members of the college community.

- To organize orientation programs for NSS volunteers, explain them about the concept of social service, and teach them methods and skills required for achieving the objectives of the scheme
- To select service projects on the basis of utility and feasibility
- To ensure cooperation and coordination of community agencies, government departments and non-governmental agencies.

Cultural committee
- To plan and schedule cultural events for the academic year.
- To prepare budget for all cultural events and take necessary steps for its approval.
- To promote and arrange extracurricular activities to bring out the talents of students in performing arts.
- To obtain formal permission from the College authorities to arrange program.

Website Committee
- To administer data acquisition process, maintenance of the institutes website with regards to all activities related to domain & hosting.
- To administer regular updates to the site by securing necessary approval/authentication of the information from the concerned authority before hosting on to the website.
- To collect information & data reports from various academic department & internal bodies like library, NCC, NSS, Training & Placement, Sports, Women Empowerment Cell etc. at regular intervals for necessary and timely updates of the site.

Alumni committee
- To plan and implement a mechanism for alumni feedback and suggestions from as well as schedule and execute Alumni meet.
- Support a strong relationship between alumni association and current students
- To organize interactive sessions with alumni to current students
- Assist current students and alumni in career planning, placement and transitions.
- The committee also tracks and highlights the achievements and successes of alumni so as to provide impetus to the institute and its students.

Women grievances & equal opportunity cell
- To enquire the Complaints received from the female students or staff of the College.
- To deal with the issues of Gender based violence
- To conduct various gender sensitization programmers
- To pay Special Attention on ragging/exploitation related issues.

Central Purchase Committee
- To take indents from the departments/committees/ faculties etc against requirement.
- To supervise all the purchases made in the campus.
- To analyse quotations provided by the logistics department, and provide recommendation for approval by the person having delegated powers.
- To request technical input from relevant staff as required.

- To ensure proportionality, transparency, accountability and fairness in the procurement process
- To frame necessary guidelines to exercise its powers judiciously.

Magazine Committee
- To communicate periodically with the Editor of the College Magazine committee and discuss issues of policies and finances.
- To publish college magazine
- To maintain a record of all interactions with the publications members
- To select the best articles and publish in the magazine.
- To record the achievements of students and congratulates them for their hard work. It also publishes the information on the activities of the college.

Ethics committee
- Propose the Code of Ethics for the Institution.
- Organize ways to communicate the Code of Ethics to all staff and students and enhance its understanding.
- Report breaches of Code of Ethics or non-compliance of ethical practices amongst students, faculty and staff to the Principal.
- Formulate policies for corrective actions.
- Coordinate the periodic revision of the Code of Ethics and related implementation mechanisms.

Transport Committee
- To allot seats for students and faculty in concerned routes and display of list of faculty and students
- To take necessary steps for prevention of un-authorized boarders
- To recommend management for additional transport facilities
- To review the operation of vehicle in all routes
- To review the maintenance of transport vehicles

Hostel Committee
- At the beginning of the academic session the entire data regarding the number of students staying in boys and girls hostel to be obtained for the smooth functioning of the college.
- Conduct sudden visits to the messes and hostels at regular intervals to find out the living conditions, mess facilities etc.
- Conduct meeting with the inmates of both the hostels and have a detailed discussion regarding their accommodation, messing etc.
- In case of any serious drawback report the matter to the management.

ECO Club
- To empower students to participate and take up meaningful environmental activities and projects
- To maintain cleanliness in and around the college campus.

- To protect planet Earth by creating environment awareness
- To motivate students to work in an environment friendly manner which includes use of LPG, paper bag, Gas pipe line, save electricity.
- Sensitize the students to minimize the use of polluting products.
- Organize tree plantation programs, awareness programs and educate students about re-use of waste material & preparation of products out of waste.

Health club
- To provide students with knowledge, skills, capacities, values and the enthusiasm to mould a healthy lifestyle into adulthood.
- To organize Awareness drives in which students are sensitized towards cleanliness.
- Imparting information about various diseases prevailing in a particular duration of year and various preventive steps.
- To create awareness of physical fitness which an important component of wellness.

Building & works committee
- To devise and implement a mechanism for infrastructure development & maintenance of existing as well as new infrastructure especially the buildings for instructions, amenities and administration:
- To work out and execute any other activity related with the buildings & works of the institute. The ultimate objective shall be to provide state-of-art buildings and infrastructure for an ever-evolving academically ambient environment.
- Review and approve all contract documents prior to bidding and start of construction

SERVICE RULES, POLICIES AND PROCEDURES

Appointment of the human resource shall be approved by the governing body. The qualification and experience required for the post to fill various posts is stipulated by the Governing body based on the norms prescribed by the State Government / Affiliating University / UGC / AICTE. Selection may be done by direct recruitment or promotion of existing staff to fill various positions.

Teaching Staff	
Grade	**Designations**
T1	Principal
T2	Professor
T3	Associate Professor
T4	Assistant Professor

Technical Support Staff	
Grade	**Designations**
TS1	Electrical Engineer, Civil Engineer, System Administrator
TS2	Programmers, Lab assistants, Library assistant, Hardware Technician

Non-Teaching	
Grade	**Designations**
NT1	Administrative officer, Office Superintendent, Accounts officer
NT2	Senior Assistant, Junior Assistant, Cashier, Accountant
NT3	Drivers, Security guard, Maintenance staff
NT4	Attender, Gardener, Sweeper, Scavenger

RECRUITMENT POLICY

The recruitment policy is designed to ensure qualified candidates are hired for all the positions. Whenever the requirement of teaching/non-teaching staff arises, the same will be informed to the Principal which in turn will be forwarded to the management. After taking the approval of the management, Department level selection committee will be constituted with two internal experts and one/two experts drawn from university faculty. For direct requirement advertisement will be released in print & electronic media. The profiles received will be shortlisted and the candidates are informed to attend for a written test and/or interview on scheduled dates. Based on the recommendations of the selection committee, the selection list will be sent to management for approval. Based on the approval by the management, required staff recruitment will be done by the Principal.

The staff recruited will be under probation period for a period of 1 year. In exceptional cases based on decision of the management the probation period may be waived off. During probation if the services of the staff member are not satisfactory he / she may be terminated. On successful completion of probation period, the staff member will be regularized based on the recommendations of the Head of the department and Principal.

Resignation/Termination/Relieving

- An employee may submit his resignation due to his personal reasons.
- An employee may be terminated from his service if the services of the employee are not satisfactory to the Management/Principal.
- There is no provision to relieve faculty members in the middle of an academic year.
- Employee who secure a job in Government sector or got admission to full-time Ph.D. program in reputed institutions like NIT / IIT / Government State Universities could be relieved without notice period on submission of proof. Women faculty who gets married and want to relocate to husband place will also be relieved.
- At the end of academic year during the month of April the employee may get relieved voluntarily without notice period by submitting the resignation.
- Technical and Non-Teaching staff who wants to get relieved should submit a letter with a notice period of three months.

<u>DRESS CODE FOR THE EMPLOYEES</u>: All the employees should follow the dress code based on designation.

For Faculty:

Male – Formal Dress with tuck-in & Shoe, clean shave with Tie and ID card

Female – Formal Saree with ID card

For Technical & Non-Teaching staff:

The Technical and Non-Teaching staff is assigned with different uniforms. They have to attend to the duties in uniform only. If uniform is not designated to them then they have to attend in formal dress.

<u>WORKING HOURS (w.e.f. 30th October, 2019)</u>

For Faculty and Technical Staff   : 9.25 AM to 4.25PM

For Administrative Staff   : 8.30 AM to 5.50 PM

Staff members should reach the college and put their thumb impression prior to and after the schedule timings. Staff members are allowed with three late/early permissions per month. After that, every late arrival or early departure will attract half-day loss of pay.

<u>Benefits to Employees</u>

Casual Leaves: An employee can avail one casual leave per month. If not availed in that month, it will be accumulated for the next month(s). An employee can avail a maximum of **<u>12 casual leaves</u>** per academic year.

On Duty: On Duty is granted to an employee when the University / Principal / Head of the Department / or any other competent authority assigns a duty that has to be carried out for the institute/ University. The faculty has to adjust/complete the class/lab work and then can go for on-duty without disturbing the class/lab work.

Deputation of faculty for Training Programs: The faculty will be supported with registration fee, TA, DA to attend different training programs like seminars/workshops/symposiums conducted by reputed institutions / Universities. The request by the faculty must be approved by Head of the Department & Principal. Additional on-Duty to attend conferences for presenting their research papers/attending workshops will be granted for a maximum of 3 days per semester.

School Fee Concession to employee's children: School Fee Concession up to 50% in tuition fee will be given for wards of the employees studying in Aditya Educational institutions (Schools & Junior colleges). The request letter from the employee duly approved

by the principal has to be submitted to concerned institution where the ward is studying to avail the same.

Provident Fund: Provident Fund facility will be provided for Professors.

Group Insurance: Employees can avail Group Insurance based on the interest of the employee; a request letter has to be submitted to the Principal for including them in such facility.

Employees State Insurance (ESI): Staff members whose monthly salary is less than Rs. 21,000/- must opt for ESI and can avail the benefits under it.

Summer Vacation: Summer Vacation may be availed by the teaching staff with prior recommendation and approval from the Head of the Department /Principal. This vacation may be shared between the two semester breaks in exceptional cases. Any balance of unused accumulated vacation cannot be carried forward, under any circumstances. Prefix/Suffix weekend or holidays are considered part of the week. Period of Vacation is based on the continuous service of the employee as follows:

Period of Service	Vacation Period
Less than 1 year	1 Week
More than 1 year	2 Weeks
**Additional summer vacation for faculty pursuing Ph.D.	1 Week

To avail this they have to take prior recommendation from Head, R & D by submitting a letter countersigned by research supervisor/co-supervisor. Technical and Non-Teaching staff, who completed 6 months of service, can avail One Week summer vacation.

INCENTIVES

The staff members who are actively involved in motivating/mentoring the students to attend the university/state/national level competitions for project presentation will be rewarded with cash prize. The cash prize will be decided based on the level of competition and the prize won. Travelling and other allowance will be granted for the same to accompany the students based on employee cadre.

Other benefits: Incentives to Faculty for SWAYAM - NPTEL Web Courses

Category	Fee concession	Elite (Final Score 60+)	Elite Gold (Final Score 90+)	Topper (1%, 2% & 5%)
Faculty	50%	100% Fee concession	100% Fee concession + Rs. 1000/- Cash Prize	100% Fee concession + Rs. 1000/- Cash Prize

- Above incentives are applicable only for those who registered through SPOC only one among Elite Gold and Topper will be considered
- Subsidized lunch facility may be availed by all the employees.
- Hostel facility for unmarried staff and staff quarters for staff with family.
- Free transport facility may be availed by all the employees. Additional transport facility for those who work beyond college hours is also available.
- Unpaid maternity leave can be availed by the female employees. Re-joining to her position is purely based on the available vacancy position only.

Incentives for Publication of Research papers/book chapter/book/articles/patent: To promote research and its allied activities, the faculty is appraised with the following incentives:

International Journal with IF>8.1 or H-Index>226	Rs. 30,000/-
International Journal with 5.1<IF<8 or H-Index 151<HI<225	Rs. 25,000/-
International Journal with 2.1<IF<5 or H-Index 101<HI<150	Rs. 20,000/-
International Journal with 0.6<IF<2 or H-Index 51<HI<100	Rs. 15,000/-
International Journal with <0.5 or H-Index HI<50	Rs. 10,000/-
International Journal (Indexed by Scopus and ESCI)	Rs. 10,000/-
International Journal (Scopus Indexed /WOS indexed)	Rs. 7500/-
Scopus Indexed International Conference Registration (Max.) (Max. of 2 conferences per year per faculty)	Rs. 7500/-
Book chapters indexed in Scopus (Not through conference, only direct submission will be considered)	Rs. 7500/-
National Conference Registration Fee (Max.)	Rs. 4000/-
UGC Indexed Journal(Only for English and Mgmt Studies)	Rs. 2000/-
PUBLISHING TEXT BOOK	
International Edition by top 60 publishers in the world (List enclosed in Annexure – 1)	Rs. 20,000/-
Indian Edition Book should meet the criteria mentioned in guidelines	Rs. 10,000/-
Publishing book chapter in Non Scopus Editions	Pro rata basis
Publishing an article in a Magazine	Rs. 2,000/-
PATENTS	

Publication of Patent	Rs. 10,000/-
Grant of Patent	Rs. 10,000/-
Note: Filling charges will be paid by the management and incentives will be given only if the college is an applicant and if the disclosure goes through detailed search process by Novel Patents.	

EMPLOYEE's LEAVE, VACATION, PERMISSION, ON DUTY AND BIO-METRIC SYSTEM POLICY: This policy is w.e.f. from 26-01-2020.

FOR FACULTY AND ADMIN STAFF
LEAVE / VACATION
- Leaves should be treated as a privilege offered to the employee but not as a right.
- Every employee will eligible for 1 CL per month i.e. 12 CLs for the academic year.
- A newly joined employee who works for at least 7 physical working days in a particular month will only be eligible for one CL during that month.
- Leave calendar year starts from 26th May of every year and ends on 25th May of succeeding year or up to the reopening of the college.
- CLs will be calculated on pro-rata basis.
- CL should be prior sanction by the concerned sanctioning Authority.
- CL can be accumulated up to the end of leave calendar year i.e. up to 25th May or up to the reopening of the college of succeeding year. After the end of every leave calendar year any CL credit will be automatically lapsed.
- CL can be availed for half a day also (Forenoon-up to 1 PM and Afternoon from 1 PM) with the approval of respective sanctioning authority.
- If the employee works above 5 hours (continues) after office hours/holidays, he will be eligible for ½ day CCL. The same should be considered based on biometric system only.
- The CCL credit for the employees, if any, shall be utilized within the academic year of every year. Otherwise, it will be automatically lapsed.

SPECIAL LEAVES
- As a good will gesture, maximum of 6 working days special leave along with summer vacation in a year will be sanctioned with full pay to teaching staff who have registered and doing Ph.D. for attending the Ph.D. work, provided relevant documents from the University confirming the guide and a letter from the guide are submitted.
- If the college is declared holiday on account of any bandh, curfew, environmental calamity etc., a special leave will be granted to all employees with full emoluments. But in compensation to his/her absence, the employee has to attend the duties on some Non-Working day/Holiday as required and specified by the management.

SUMMER VACATION

(a) Teaching Staff:

- Satisfactory Service with one complete academic year 6 working days
- Satisfactory Service with two complete academic years 12 working days

(b) Admin and Technical staff:

- Satisfactory Service with one complete academic year 6 working days
- Summer vacation for the department staff of Admission Cell, Examination Section and Placement Department shall be eligible to utilize their summer vacation (at a stretch) before December of every year.
- The department heads shall plan the staff summer vacation without disturbing the regular office works. After December, any summer vacation credit for the above department staff will be lapsed.

BIOMETRIC SYSTEM

- Monthly attendance will be calculated strictly on the basis of biometric system only.
- Every employee should put his/her thumb daily 2 times i.e. before attending the duties and before leaving the duties.
- Teaching staff: Duty reporting time at 9-25 AM and leaving time 4-25 PM
- Admin staff : Duty Reporting time at 8-30 AM and leaving time 5-50 PM
- Employees who wish to avail ½ day leave should put his thumb during entering into the campus and leaving from the campus.
- In case employee applied ½ day (first half) leave, he/she put their in thumb before 1 PM
- In case employee applied ½ day (second half) leave, he/she put their out thumb after 1 PM
- Any employee works after 6 PM and before 8 AM he/she put their thumb at Security Gate before leaving/entering. Otherwise their duty timings will not be considered.

PERMISSIONS

- Staff permissions shall be allowed only for 2 per month (late coming/early going/in between permissions in the working hours).
- Third and Fourth late mark will be treated as ½ day CL each if CL credit available, otherwise ½ day LOP each will be applicable.
- Fifth Late onwards every late will be treated as ½ day LOP and will be viewed seriously.
- No permissions will be allowed for ½ day leaves.
- Each permission time is maximum 1 Hour.

ON DUTIES (ODs)

- On Duties (ODs) shall be authorized by both Dept. HOD and Principal concerned. OD register shall be maintained at college level.
- OD letter/s should be approved in advance or within one day from the date of OD by the concerned and the same should be entered in ECAP on the same day. Late approval of ODs strictly rejected and will be treated as LOP.
- Faculty members are permitted to utilize ODs restricted to 4 per semester and 8 per academic year for their professional development (attending seminars, conferences, workshops etc.).
- Anyhow, the faculty member can utilize more than 4 in odd semester subject to continue his services in the even semester.

GENERAL

- After expiry of any kind of sanctioned leave period, employee should report back immediately on the next working day to the authorities of the college concerned.
- Leave should not be recommended and sanctioned without ensuring the alternative arrangements.
- During the Resignation/Termination notice period, employee is not eligible for availing accumulated CLs if any, except one CL of that particular month in order to complete the pending work and facilitate handing over by the reliving date.
- In case, employee avails more leaves during that month they are required to extend their notice period till completion of pending work and handing over process. During this extended period they will not get any remuneration.
- Employee should attend the inspections and in any emergency cases during any kind of leave/vacation period. In that case, no compensation and TA will be granted.
- Late mark should be highlighted with red ink for admin staff (only horizontal line) in the manual attendance register sharp at 8-31 AM by the Administrative Officer of the college.
- Monthly attendance statement shall be checked by Mr. Papayya, AO before forwarding to the Accounts Department.
- Monthly attendance statements shall be submitted on or before 28th of every month to the accounts Department.

FOR CONSTRUCTION, ELECTRICAL, PLUMBING, GARDENING & HOSTEL

- **Construction Dept.:** 2CLs per month & 30 days working in a month. CLs will be carried forward or en-cashed with 1:2 ratio (maximum 2 CLs will be enchased per month).
- **Electrical & Plumbing Dept.:** 2 CLs per month and 30 days working in a month. CLs will be carry forwarded or can be en-cashed with 1: 1 ratio (maximum 2 CLs will be enchased per month).

- **Electrical In-charge:** 4 CLs per month, 30 working days, No CL encasement facility and CLs will be carry forwarded. Electrical Supervisor : 2 CLs per month, 30 working days, No CL encashment facility and CLs will be carry forwarded
- **Gardening Dept.** (Gardeners, watchmen, tractor drivers)
- 2 CLs per month and 30 days working in a month. CLs will not be carry forwarded and No Encashment facility. But, CLs will be carried forward to the Tractor Drivers.
- **Hostel Wardens:** 2 CLs per month and 30 days working in a month. CLs will be carried forward.
- **Hostel Ayas & Hostel Watchmen**: One CL per month, 30 working days. CL will not be carried forward.
- Management from time to time can issue amendments and clarifications to the prevailing leave rules.
- They will be chronologically numbered and part of this policy.
- Management reserves the right to suspend/dissolve/review/modify/change part or whole of these leave rules.

It is advised to the employees to be aware of guidelines and conditions for availing leaves and try to accumulate the leaves for any future emergencies

10.1.3 Decentralization in working and grievance redressal mechanism (10)

Institute Marks: 10.00

Aditya college of Engineering believes the culture of participative management in all academic and non-academic activities. To ensure the participative management and decentralization of governance institute follows committee system for implementation of all its decisions. Various committees are set up with the faculty as coordinators and student representatives.

Governance Body	Grievance Redressal Cell
Internal Quality Assurance Cell (IQAC)	Prevention of Sexual Harassment Cell
Academic Administrative Audit Committee	Sports & Games Committee
Curriculum Committee	Student Activity Centre (Sac)
Academic Committee	NSS Committee
Admissions Committee	Canteen Committee
Examination and Malpractice Committee	Cultural Committee
Career Guidance Cell	Website Committee
Industry Institute partnership Cell (IIPC)	Alumni Committee
Placement & Training Committee	Women Grievances & Equal Opportunity

	Cell
Library Committee	Central Purchase Committee
R&D Committee	Magazine Committee
Entrepreneurship Development Cell (EDC)	Ethics Committee
Counselling Committee	Transport Committee
Disciplinary Committee	Hostel Committee
Anti-Ragging Committee	Eco Club
Health Club	Building & works committee

Meetings with the committee members will be organized once in a semester and all the members will discuss the points of agenda along with other points and finds a solution to the problem, if any. Proposed solution/ resolutions will be documented and submitted to the Principal for approval and necessary instructions will be issued to the person/authority concerned for initiation. Institute is having grievances redressal mechanisms such as women grievance and equal opportunity cell, Anti-Ragging committee, Prevention of Sexual Harassment Committee to resolve the problem, if any. The functions of these committees are given here:

Women Grievances and Equal Opportunity Cell
1. The cell has been initiated with the main objective of creating an effective organizational structure for improving the status of women in the institution.
2. The committee will maintain communication with and advise the institutions administration in planning and monitoring progress for women personnel and students.
3. The committee shall advise the administration about a broad range of issues and concerns that influence women's work lives and status in the institution.
4. The Cell will conduct Educational programs regarding gender equity, work life balance etc.
5. The cell will give counselling and provide support services to the female staff and students in the college.
6. The Cell will provide assistance for taking preventive steps in the matter of gender discrimination.
7. The Cell may form / review the guidelines / policy for redressal of the Grievance as required from time to time, which may be in accordance with those issued by Supreme Court and Government Agencies.
8. The Cell will deal with the complaints of any type of harassment or any other of the female students, teaching and non-teaching women staff of the college.

9. The Cell shall process all the individual complaints and take immediate Suitable action.
10. Female students and staff give their Grievance in the form of letter or oral to anyof committee member of the cell.
11. After knowing the grievance of the students or staff, the Committee discusses it with concerned HOD and principal to take appropriate solution.
12. Any member found to have harassed another member or guest will be subject to appropriate disciplinary procedure action, including warnings, suspension or termination from roles.
13. The cell will meet at least once every academic year .Other than that; emergency meeting shall be called on receipt of a complaint. The quorum for the meeting should be at least one third of the total members
14. The cell provide appropriate working conditions in respect of work, leisure, health and hygiene to further ensure that there is no hostile environment towards women at work places and that no women employee has reasonable grounds to believe that she is disadvantaged in connection with her employment.
15. The cell promotes educational programs for the workforce regarding gender equality and work-life balance.

Anti-Ragging Committee

To make our college as a Ragging free Institution a team of Anti-Ragging committee of Aditya College of Engineering is constituted with the following guidelines:

1. Allotting duties to the staff members in almost all vulnerable areas in the college (i.e canteen, parking places, play grounds etc) and ensure that staff members are present at any time at all the vulnerable locations to avoid ragging activities.
2. Taking precautionary method by means of continuous monitoring of CCTV Cameras and with the support of student volunteers at various locations like bus stops, play grounds and boarding points to avoid ragging activities.
3. The faculty members can take the help of the student member as and when required and can also involve them in different activities relating to Anti-Ragging Committee.
4. Keep reminding students about the severe actions which could be taken against them if they are found involved or indulged in ragging.
5. Informing students about the affidavit form of Anti-Ragging given by AICTE and encourage students to fill and submit it in time.
6. Wide canvassing about Anti-Ragging should be done by displaying Flex, Posters and Boards in college premises and surrounding areas where there is a chance for ragging.
7. To take all necessary measures for prevention of Ragging inside the Hostels, assigning separate staff members for both Boys hostel and Girls hostel.
8. To ensure compliance with the provision of UGC regulation 2009 at the institute level.

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9. For each ragging incident, the member person is supposed to prepare and submit a complete report including their remarks about the incident for further action to the Head of Anti-Ragging Committee

10. To offer services of counselling and create awareness among the students.

11. Grievance and Redressal committee members are also made as a part of these Anti-Ragging Activities.

12. Active participation of the committees in regular intervals pursuing whether ragging is taking place by surprise visits

Prevention of Sexual Harassment Committee
1. To provide an environment free of gender-based discrimination
2. To deal with cases of discrimination and sexual harassment in a time bound manner, aiming at ensuring support services to the victimized
3. To facilitate a safe environment that is free of sexual harassment
4. Receive and redress complaints received from any member of the College (including students, research scholars, staff, and hostel residents) alleging sexual harassment by another member(s) of the College.
5. Conduct formal inquiry and investigate and take decisions upon each complaint and recommend appropriate punishment or action to be taken, by the appropriate authority, in each instance.
6. Ensure that all information pertaining either to complaints registered and the proceedings and findings of any inquiries and/or investigations are kept strictly confidential.

10.1.4 Delegation of financial powers (10)   **Institute Marks: 10.00**

Budgets for running the departments are very essential. These are prepared by every department before the commencement of the academic year. In this regard, Heads of the Departments, with senior faculties give the requisition to the Principal with regard to stationery, lab requirements, etc, for which budget allocations are approved by the Principal in discussion with the Management. On the same lines, proposals are sent to the Principal for procuring new equipment for the labs, interactive technologies in the classrooms, conduction of workshops/ conferences/ seminars by the Heads of Departments for which fund allocations are made.

- Principal has powers for purchase/ spending for infrastructure development related to academic activity like addition of classrooms, laboratories, improving other facilities like hostels, food courts etc. As a single signatory power he can spend up to **Rs.1Lakh** as per the resolutions made in the Governing Body.

- Heads of departments are given imprest money which can be used for all purchases related to consumables, other emergency purchases after obtaining from the Principal. As per the resolution made in the Governing Body the imprest amount is **Rs. 5000/-.**

- Relevant in-charges- Librarian, Physical Education Director, Hostel wardens etc. have powers for purchases of all items related to their departments in consultation with the purchase committee and approval from principal.
- Coordinators of various functional committees have powers of spending money from their respective department accounts for any co- curricular/ extracurricular activities after obtaining relevant permission from the Principal.

10.1.5 Transparency and availability of correct/unambiguous information in public domain (5)

Institute Marks: 5.00

The institute hosted all the relevant information on its own website which is updated as and when required. The institute and programme specific information is made available to all aspirants through the web-site.

College Website URL	www.acoe.edu.in (http://www.acoe.edu.in/)
E-CAP software	http://info.aec.edu.in/acoe/main.aspx (http://info.aec.edu.in/acoe/main.aspx)

The college website and the E-CAP software ensure that all information's pertaining to students, staff in the ERP to ensure that all stake holders are adequately informed about the policies and procedures along with the developments taking place that could affect them. All the information pertaining to the admissions, faculty and supporting staff details, student attendance, internal marks, infrastructural facilities, details of programs, information related to ongoing student training programs, faculty development programs, symposiums etc., are made available in the college internet-based E-CAP software.

All Minutes of Meetings like Academic Council, Department Review Meetings (DRM) and other information are mailed to all HODs for further information to all the faculty members. The relevant details are available in the departmental files which are readily accessible to all faculties in the departmental file racks.

10.2 Budget Allocation, Utilization, and Public Accounting at Institute level (30)

Total Marks 30.00

10.2.1 Adequacy of budget allocation (10)   Institute Marks: 10.00

S.NO.	ASSESMENT YEAR	BUDGET ALLOCATED (Rs.)	ACTUAL EXPENDITURE (Rs.)	ADEQUATE/ NON ADEQUATE
1	2021-22	13,21,70,000	13,19,41,446	ADEQUATE
2	2020-21	11,54,00,000	11,37,24,654	ADEQUATE
3	2019-20	14,72,15,000	14,08,67,946	ADEQUATE

10.2.2 Utilization of allocated funds (15)   Institute Marks: 15.00

ACOE utilized the budgets more than 95% for all the assessment years and the statistics are shown in the table. Utilization of funds is towards the development of infrastructure, establishment of laboratory equipment, renovation of laboratories, procuring the books for central library, establishment of digital library, subscription of E-Journals and E-Books etc.

S.NO.	ASSESMENT YEAR	BUDGET ALLOCATED (Rs.)	ACTUAL EXPENDITURE (Rs.)	PERCENTAGE OF UTILIZATION
1	2021-22	13,21,70,000	13,19,41,446	99.82
2	2020-21	11,54,00,000	11,37,24,654	98.54
3	2019-20	14,72,15,000	14,08,67,946	95.68

Summary of current financial year's budget and actual expenditure incurred (for the institution exclusively)in the three previous financial years

Total Income at Institute level: For CFY,CFYm1, CFYm2 & CFYm3

CFY : (Current Financial Year),

CFYm1 : (Current Financial Year minus 1),

CFYm2 : (Current Financial Year minus 2) and

CFYm3 : (Current Financial Year minus 3)

Table 1 - CFY 2021-22

Total Income 124668416				Actual expenditure(till…): 131941446			Total No. Of Students 2585
Fee	Govt.	Grants	Other sources (specify) Consultancy, Special fee etc.,	Recurring including salaries	Non Recurring	Special Projects / Any other, specify	Expenditure per student
114290688	0	0	10377728	123735706	8205740	0	51041.18

Table 2 - CFYm1 2020-21

Total Income 112316928.34				Actual expenditure(till…): 113724653.6			Total No. Of Students 2179
Fee	Govt.	Grants	Other sources (specify) Consultancy, Special fee etc.,	Recurring including salaries	Non Recurrin g	Special Projects / Any other, specify	Expenditure per student
103175591	0	0	9141337.34	105523185.6	8201468	0	52191.21

Table 3 - CFYm2 2019-20

Total Income 152168688				Actual expenditure(till…): 140867946.7			Total No. Of Students 2112
Fee	Govt.	Grants	Other sources (specify) Consultancy, Special fee etc.,	Recurring including salaries	Non Recurring	Special Projects / Any other, specify	Expenditure per student
141167000	0	0	11001688	121367485.7	19500461	0	66698.84

Table 4 - CFYm3 2018-19

Total Income 144189006				Actual expenditure(till…): 180890622			Total No. Of Students 2294
Fee	Govt.	Grants	Other sources (specify) Consultancy, Special fee etc.,	Recurring including salaries	Non Recurring	Special Projects / Any other, specify	Expenditure per student
134432606	0	0	9756400	108230219	72660403	0	78853.80

Summary of Budget allocation and Actual Expenditure incurred

Items	Budgeted in 2021-22	Actual Expenses in 2021-22 till	Budgeted in 2020-21	Actual Expenses in 2020-21 till	Budgeted in 2019-20	Actual Expenses in 2019-20 till	Budgeted in 2018-19	Actual Expenses in 2018-19 till
Infrastructure Built-Up	170000	150235	50000	45202	65000	62535	55000000	54391272
Library	3000000	2755214	1100000	633810	3700000	3676656	400000	358237
Laboratory equipment	2000000	930256	4500000	4144951	11800000	11622145	10000000	9692548
Laboratory consumables	650000	561235	300000	309934	600000	571334	500000	515106
Teaching and non-teaching staff salary	110000000	110809931	100000000	98795248	110000000	103981811	100000000	93442122
Maintenance and spares	8700000	8666978	6000000	6388034	13350000	13291430	15000000	14143019
R&D	2500000	2738963	2000000	1963760	2000000	1870039	1500000	1469444
Training and Travel	4000000	4109785	1000000	1062717	3500000	3592996	4000000	4001474
miscellaneous	700000	718781	100000	80000	1200000	1160000	1600000	1610000
Others, specify	450000	489951	300000	301200	1000000	1040000	1300000	1267400
Total	**132170000**	**131941452**	**115400000**	**113724654**	**147215000**	**140867946**	**189300000**	**180890622**

10.2.3 Availability of the audited statements on the institute's website (5)

<div align="right">Institute Marks: 5.00</div>

Audited statements of the last 6 Assessment year are available at : http://acoe.edu.in/?p=IQAC#tab11
Assessment Year (2022-23) http://acoe.edu.in/audit_statements/AY2022-23.pdf
Assessment Year (2021-22) http://acoe.edu.in/audit_statements/AY2021-22.pdf
Assessment Year (2020-21) http://acoe.edu.in/audit_statements/AY2020-21.pdf
Assessment Year (2019-20) http://acoe.edu.in/audit_statements/AY2019-20.pdf
Assessment Year (2018-19) http://acoe.edu.in/audit_statements/AY2018-19.pdf
Assessment Year (2017-18) http://acoe.edu.in/audit_statements/AY2017-18.pdf

10.3 Program Specific Budget Allocation, Utilization (30)   Total Marks 30.00
                                                                    Institute Marks:

Total Income at Institute level: For CFY,CFYm1,CFYm2 & CFYm3
CFY: (Current Financial Year),
CFYm1 : (Current Financial Year minus 1),
CFYm2 : (Current Financial Year minus 2) and
CFYm3 : (Current Financial Year minus 3)

Table 1 :: CFY 2021-22

34880000		Actual expenditure (till…): 34809191		Total No. Of Students 958
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
1180000	33700000	1159740	33649451	36335.27

Table 2 :: CFY 2020-21

31100000		Actual expenditure (till…): 30353573		Total No. Of Students 830
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
970000	30130000	967793	29385780	36566.64

Table 3 :: CFYm1 2019-20

34560000		Actual expenditure (till…): 34368233		Total No. Of Students 791
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
3410000	31150000	3409001	30959232	43449.09

Table 4 :: CFYm2 2018-19

30985000		Actual expenditure (till…): 30669227		Total No. Of Students 745
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
2700000	28285000	2698314	27970913	41166.75

Items	Budgeted in 2021-22	Actual Expenses in 2021-22 till	Budgeted in 2020-21	Actual Expenses in 2020-21 till	Budgeted in 2019-20	Actual Expenses in 2019-20 till	Budgeted in 2018-19	Actual Expenses in 2018-19 till
Laboratory equipment	250000	180023	100000	99523	2650000	2649565	2100000	2099523
Software	0	0	300000	303260	0	0	0	0
Laboratory consumable	100000	99235	50000	29956	100000	99851	85000	84502
Maintenance and spares	100000	99321	80000	79898	50000	49956	200000	199856
R & D	400000	410322	400000	399652	200000	199956	50000	49965
Training and Travel	450000	490125	100000	99568	500000	499565	500000	499652
Others(salaries, workshops, seminars, etc.,)	33580000	33530165	30070000	29341716	31060000	30869340	28050000	27735729
Total	**34880000**	**34809191**	**31100000**	**30353573**	**34560000**	**34368233**	**30985000**	**30669227**

10.3.1 Adequacy of budget allocation (10)   Institute Marks: 10.00

The department of Electronics and Communication Engineering found that the funds allocated were adequate in providing the entire necessary infrastructure along with the laboratory equipment to maintain the quality of teaching-learning process.

S.NO.	ASSESSMENT YEAR	BUDGET ALLOCATED (Rs.)	ACTUAL EXPENDITURE (Rs.)	ADEQUATE/ NON ADEQUATE
1	2021-22	3,48,80,000	3,48,09,191	Adequate
2	2020-21	3,11,00,000	3,03,53,573	Adequate
3	2019-20	3,45,60,000	3,43,68,233	Adequate
4	2018-19	3,09,85,000	3,06,69,227	Adequate

10.3.2 Utilization of allocated funds (20)   **Institute Marks: 20.00**

Institute utilized the funds more than 95% in establishing/renovation of laboratories, procuring equipment, tools, consumables as per the regulations, procuring books and digital resources, providing amenities and facilities wherever necessary for the assessment years.

S.NO.	ASSESSMENT YEAR	BUDGET ALLOCATED (Rs.)	ACTUAL EXPENDITURE (Rs.)	PERCENTAGE OF UTILIZATION
1	2021-22	3,48,80,000	3,48,09,191	99.79
2	2020-21	3,11,00,000	3,03,53,573	97.59
3	2019-20	3,45,60,000	3,43,68,233	99.44
4	2018-19	3,09,85,000	3,06,69,227	98.98

10.4 Library and Internet (20)

The central library as well as the department of Mechanical Engineering has necessary learning resources include e-resource and the details are furnished. College is maintaining accessible collection of all resources as a repository. Central Library open from 8.30 AM to 8.30 PM with full internet access and from 9 AM to 4 PM on all Sundays and other holidays. Students can borrow books/CD ROMS, use of internet and other resources, reference books using their library cards and 6 cards will be issued to each student. Additional 2 cards are provided for those who perform well in academics. Physical space of library facility, details of learning resources in library along with list of journals, expenditure are provided.

Carpet area of library (m^2)	902
Reading space (m^2)	500
Number of seats	300
Number of users (issue) per day	250
Number of users per day	300
Total Number of library staff	5
Number of qualified staff	4

Circulation	Reference area
Periodical Section	Issue Section
e-Resources	Issue Section
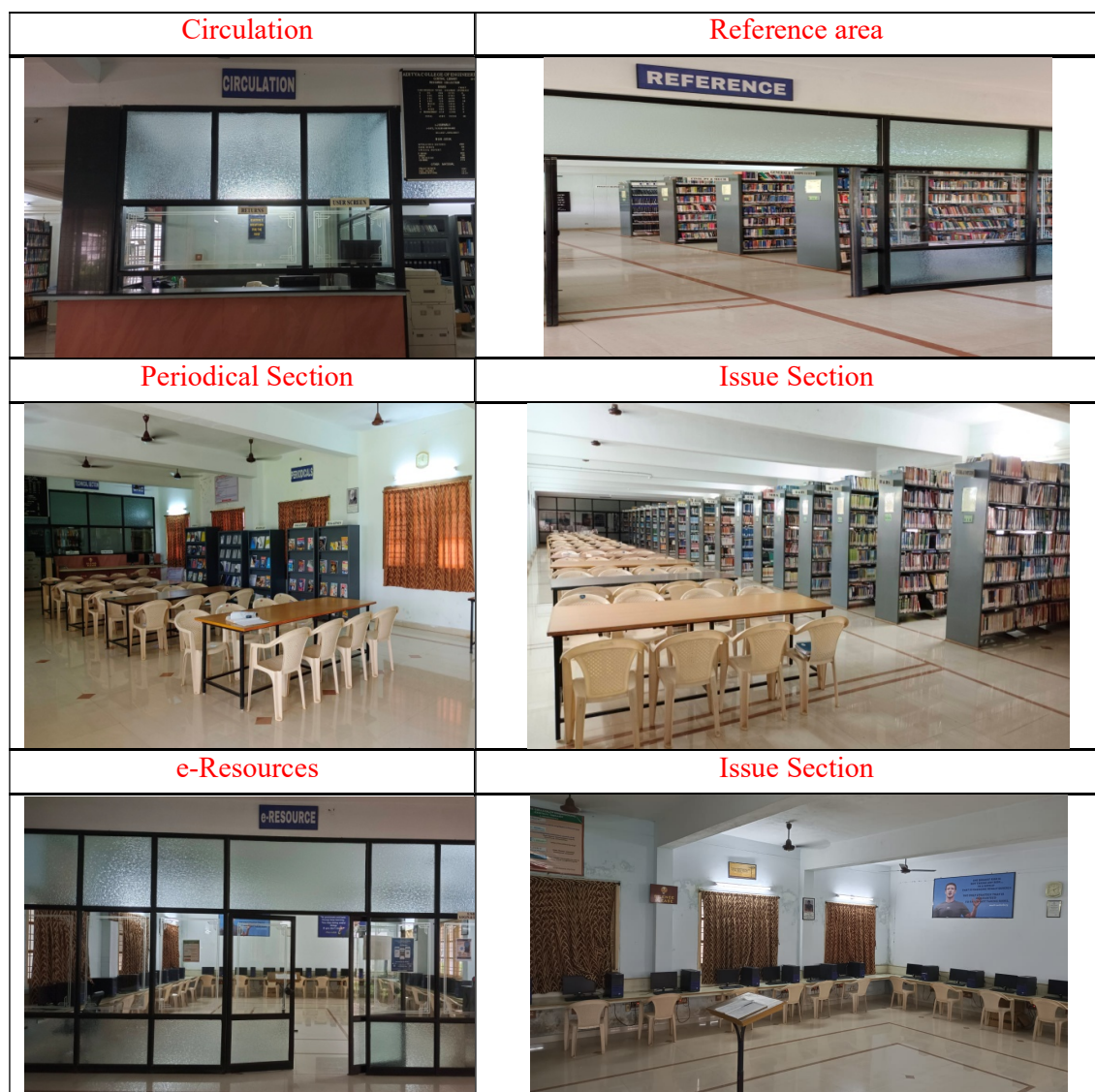
Available learning resources	
Number of titles	4,190
Number of volumes	31,208
CDs	2,175
Availability of Digital Library services	Yes
Availability of Digital Library Contents	Yes
E-Journals	60
International/National journals	270

Institutional Membership	DELNET, JGatex, Magzter, INFLIBNET, National Digital Library
Students can access eBooks/journals using internet in the Library	Yes

Expenditure on Library books, Magazines / Journals and others

Year	Expenditure						
	Books	N-List	Magazines/journals				E-Journals
			DELNET	Journals and Magazines	AMC S/W	E-Books	
2021-22	52,681	5,900	13,570	1,24,612	15,525	16,93,607	8,44,395
2020-21	8,101	5,,900	13,570	20,661	15,525	4,74,681	90,333
2019-20	82,677	5,900	13,570	95,410	15,025	33,55,623	98,002
2018-19	2,35,160	5,900	13,570	80,035	14,927		
2017-18	1,75,626	5,750	11,500	21,077	14,927	-	

Support to students for self –learning activities

Students can make use of all resources in the library like books, journals (hard copy and e-journals), CDs, NPTEL materials, intranet etc. Similarly they can make use of the language lab in the department of English in order to improve their language proficiency and communication skills. All departments can upload resources applicable for their academic programs into the Content Management System available as an intranet service. The day scholars and hostel students can make use of the learning resources like lesson plan, course plan, lecture notes, PPTs, video files, assignment questions, practice problems, solutions, e-books, instructional guides, etc. The resources can be either be downloaded or can be written on CD through wired or Wi-Fi network.

The Digital Library, Video Conference Room, Reading Rooms are available and students can refer any kind of material to carry out their minor/major projects or Engineering Exploration projects. College has subscribed the E-resources of N-List and all the students and staff can login through https://nlist.inflibnet.ac.in/ (https://nlist.inflibnet.ac.in/) and avail the facility. As some of these e-resources are accessible within campus network only, to make them accessible over Internet the accessibility is extended using Knimbus (https://acoe.knimbus.com/user#/home). All the faculty and student can access all the digital resources through this portal using their login credentials.

E-Journals (Full text) -792 titles
American Institute of Physics   (http://iam.atypon.com/action/ssostart?idp=https%3A%2F%2Fnlistidp.inflibnet.ac.in%2Fidp%2Fshibboleth&redirectUri=%2F&targetSP=https%3A%2F%2Faip.scitation.org) **[18 titles]**
Annual Reviews   (http://iam.atypon.com/action/ssostart?idp=https%3A%2F%2Fnlistidp.inflibnet.ac.in%2Fidp%2Fshibboleth&redirectUri=%2F&targetSP=https%3A%2F%2Fwww.annualreviews.org)   **[33 titles]**
Indian Journals   (http://iproxy.inflibnet.ac.in:2048/login?auth=shibboleth&url=http://www.indianjournals.com/) **[180+ titles]**
Institute of Physics   (https://myiopscience.iop.org/signin?origin=deeplink&entity=https://nlistidp.inflibnet.ac.in/idp/shibboleth&target=https://iopscience.iop.org/) **[46 titles]**
Oxford University Press   (https://shibboleth2sp.sams2.oup.com/Shibboleth.sso/Login?entityID=https://nlistidp.inflibnet.ac.in/idp/shibboleth&target=https://shibboleth2sp.sams2.oup.com/shib?dest=https://academic.oup.com/SHIBBOLETH?dest=/journals) **[262 titles]**
Royal Society of Chemistry (https://www.rsc.org/rsc-id/account/checkfederatedaccess?instituteurl=https%3A%2F%2Fnlistidp.inflibnet.ac.in%2Fidp%2Fshibboleth&returnurl=https%3A%2F%2Fpubs.rsc.org) **[29 titles]**
Cambridge University Press   (https://shibboleth.cambridge.org/Shibboleth.sso/discovery?entityID=https://nlistidp.inflibnet.ac.in/idp/shibboleth&target=https://shibboleth.cambridge.org/CJOShibb2/index?app=https://www.cambridge.org/core/shibboleth?ref=core) **[224 titles]**

E-Books
Cambridge Books Online   (https://shibboleth.cambridge.org/Shibboleth.sso/discovery?entityID=https://nlistidp.inflibnet.ac.in/idp/shibboleth&target=https://shibboleth.cambridge.org/CJOShibb2/index?app=https://www.cambridge.org/core/shibboleth?ref=core) **[1800 titles]**
E-Lbrary   (http://iproxy.inflibnet.ac.in:2048/login?url=https://ebookcentral.proquest.com/lib/inflibnet-ebooks) **[185000+ titles]**
EBSCoHost-Net Library   (http://iproxy.inflibnet.ac.in:2048/login?auth=shibboleth&url=http://search.ebscohost.com) **[936 titles]**
Hindustan Book Agency   (http://iproxy.inflibnet.ac.in:2048/login?auth=shibboleth&url=https://portal.igpublish.com/iglibrary/) **[65+ titles]**
Institute of South East Asian Studies(ISEAS) Books   (http://iproxy.inflibnet.ac.in:2048/login?auth=shibboleth&url=https://portal.igpublish.com/iglibrary/) **[382+ titles]**
Oxford Scholarship

E-Books
(http://iproxy.inflibnet.ac.in:2048/login?auth=shibboleth&url=https://oxford.universitypressscholarship.com/) **[1402+ titles]**
Springer eBooks   (https://fsso.springer.com/federation/init?entityId=https%3A%2F%2Fnlistidp.inflibnet.ac.in%2Fidp%2Fshibboleth&returnUrl=https%3A%2F%2Flink.springer.com%2Fsearch%3Ffacet-end-year%3D2012%26facetcontent-type%3D%2522Book%2522%26date-facet-mode%3Dbetween%26facet-language%3D%2522En%2522%26facet-start-year%3D2005)   **[2300 titles]**
Sage Publication eBooks (https://connect.openathens.net/sagepub.com/15b7e6a9-8721-41fa-86fe-4e2b8fa4c097/login?entity=https://nlistidp.inflibnet.ac.in/idp/shibboleth&target=http://sk.sagepub.com/books/) **[1000 titles]**
Taylor Francis eBooks   (http://www.tandfebooks.com/action/ssostart?idp=https%3A%2F%2Fnlistidp.inflibnet.ac.in%2Fidp%2Fshibboleth&redirectUri=https%3A%2F%2Fwww.taylorfrancis.com%2Fsearch%3FisFullAccessOnly%3Dtrue) **[1800 titles]**
Mylibrary-McGraw Hill   (http://iproxy.inflibnet.ac.in:2048/login?url=https://ebookcentral.proquest.com/lib/inflibnet-ebooks) **[1124 titles]**

Access E-Journals (DELNET)	
Engineering & Technology (860)	
Automobile Engineering (15)	Chemical Engineering & Technology (46)
Computer Science (160)	Construction & Infrastructure (79)
Electrical and Nuclear Engineering (70)	Electronics & Communication Engineering(41)
General & Civil Engineering (115)	Hydraulic Engineering (44)
Industrial Engineering (46)	Manufacturing (25)
Materials (36)	Mechanical Engineering (40)
Military Sciences (23)	Mining and Metallurgy (20)
Technology (General) (65)	Transportation (35)
Engineering & Technology: only TOC (321)	Management (240)
Education (241)	
Autobiographies & Biographies (123)	
TOTAL= 1464	

S .No	Name of The Journal	Period	Publisher	No. of Issues
1	Advances In Computational Sciences & Technology	Jan-Dec 22	RIP	2
2	Aryabhatta Journal Of Mathematics & Information	Jan-Dec 22	DIVA	2
3	Bulletin Of Materials Science	Jan-Dec 22	IAS	6
4	CIGRE India Journal	Jan-Dec 22	DIVA	2
5	Computer Science	Jan-Dec 22	IUP	4
6	Cooling India	Jan-Dec 22	CHARY	12
7	CSIR News	Jan-Dec 22	NISCAIR	24
8	Current Science	Jan-Dec 22	IAS	24
9	Electrical And Electronic Engineering	Jan-Dec 22	IUP	4
10	Electrical India	Jan-Dec 22	CHARY	12
11	Electronics Today	Jan-Dec 22	ET	4
12	Embedded For You	Jan-Dec 22	EMBEDDED FOR YOU	6
13	Energy Future	Jan-Dec 22	TERI	4
14	English Studies	Jan-Dec 22	IUP	4
15	Gyanoday-The Journal Of Progressive Education	Jan-Dec 22	DIVA	2
16	IETE Journals Of Research	Jan-Dec 22	IETE	6
17	IETE Journal Of Education	Jan-Dec 22	IETE	6
18	IETE Technical Review	Jan-Dec 22	IETE	6
19	IN Cold Journal (A Half Yearly Technical Journal Of Indian Commerce)	Jan-Dec 22	DIVA	2
20	Indian Journal Of Technical Education	Jan-Dec 22	ISTE	4
21	Indian Journal Of Chemical Technology	Jan-Dec 22	NISCAIR	6
22	Indian Journal Of Engineering And Materials Science	Jan-Dec 22	NISCAIR	6
23	Indian Journal Of Industrial & Production Engg. .& Tech.	Jan-Dec 22	RIP	2
24	Industrial Safety Chronicle	Jan-Dec 22	NISCAIR	6
25	Innovation In It	Jan-Dec 22	DIVA	1
26	International Journal Of Engineering & Management Research	Jan-Dec 22	VANDANA	6
27	International Journal Of Physiology, Nutrition & Physical Education	Jan-Dec 22	AKNIK	2
28	International Journal Of Yoga	Jan-Dec 22	MEDKNOW	3

29	International Journal Of Yogic, Human Movement & Sports Science	Jan-Dec 22	AKNIK	2
30	Invent Impact Business Research & Reviews	Jan-Dec 22	INVENTI	4
31	InventiImpact Auto	Jan-Dec 22	INVENTI	4
32	InventiImpact Civil Engineering	Jan-Dec 22	INVENTI	4
33	InventiImpact Energy And Power	Jan-Dec 22	INVENTI	4
34	Inventi Impact Software Engineering	Jan-Dec 22	INVENTI	4
35	Inventi Impact Start-Up	Jan-Dec 22	INVENTI	4
36	Journal Of Astrophysics &Astronomy	Jan-Dec 22	IAS	4
37	Journal Of Chemical Science	Jan-Dec 22	IAS	12
38	Journal Of Earth System Science	Jan-Dec 22	IAS	8
9	Journal Of Scientific Temper	Jan-Dec 22	NISCAIR	4
40	Journal On Electrical Engineering	Jan-Dec 22	I-MANGER	4
41	Journal On Electronics Engineering	Jan-Dec 22	I-MANGER	4
42	Journal On English Language Teaching	Jan-Dec 22	I-MANGER	4
43	Journal On Mechanical Engineering	Jan-Dec 22	I-MANGER	4
44	Journals On Education Technology	Jan-Dec 22	I-MANGER	4
45	Kurukshetra (English)	Jan-Dec 22	STAND	12
46	Lighting India	Jan-Dec 22	CHARY	6
47	Mechanical Engineering	Jan-Dec 22	IUP	4
48	Power Engineer Journal	Jan-Dec 22	DIVA	2
49	Power Line	Jan-Dec 22	IIPL	12
50	Praman Journal Of Physics	Jan-Dec 22	IAS	12
51	Proceeding (Mathematical Science)	Jan-Dec 22	IAS	4
52	Sadhana Engineering Science	Jan-Dec 22	IAS	8
53	Science Report	Jan-Dec 22	NISCAIR	12
54	Soft Skills	Jan-Dec 22	IUP	4
55	Structural Engineering	Jan-Dec 22	IUP	4
56	Telecommunications	Jan-Dec 22	IUP	4
57	Terr Green	Jan-Dec 22	TERI	12
58	University News	Jan-Dec 22	AIU	52
59	Vidhigya:The Journal Of Legal Awareness	Jan-Dec 22	DIVA	2
60	Yojana (English)	Jan-Dec 22	MINISTRY OF I&B	12

Name of the Internet provider	BSNL (Leased Line)
Available band width	400 MBPS
WiFi availability	Campus/Hostels are Wi-Fi enabled
Internet access in labs, classrooms, library and offices of all Departments	Yes
Security arrangements	Yes Firewall : pf Sense (OpenSource) Anti Virus : Windows Defender

Annexure I

(A) PROGRAM OUTCOME (POs)

Engineering Graduates will be able to:

1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

(B) PROGRAM SPECIFIC OUTCOME (PSOs)

PSO 1: Apply concepts in Electronics & Communication Engineering to design and implement systems in the areas related to Communication, Image processing, VLSI, Antennas and Embedded systems.

PSO 2: Demonstrate proficiency in utilization of software and hardware tools related to Electronics & Communication technologies, while acquiring soft skills like persistence, proper judgment through projects and industrial interactions.

Declaration

(The head of the institution needs to make a declaration as per the format given)

I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines inforce as on date and the institutes hall fully abide by them.

It is submitted that information provided in this Self Assessment Report is factually correct.

I understand and agree that an appropriate disciplinary action against the Institute will be initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, post visit and subsequent to grant of accreditation.

Date: Signature & Name

Place: Head of the Institution with Seal