

Criterion II – Teaching-Learning and Evaluation

2.1 Student Enrolment and Profile

2.1.1 Enrolment percentage

Academic Year: 2019-2020

Sl. No.	Name of the Programme	Programme Specialization	Number of Sanctioned Seats	Number of Students Admitted	Enrolment Percentage
1	B. Tech	CSE, IT, ECE, EEE, MECH, ANE	1020	1020	100%
2	M. Tech	CSE, ECE, MECH, ANE	132	112	84.84%
3	MBA	MBA	240	240	100%

2.1.2 Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the year (exclusive of supernumerary seats):

Sl. No.	Name of the Programme	Programme Specialization	Number of Sanctioned Seats against Reserved Categories	Number of Seats Filled against Reserved Categories
1	B. Tech	CSE, IT, ECE, EEE, MECH, ANE	355(1020)	628
2	M. Tech	CSE, ECE, MECH	46(132)	61
3	MBA	MBA	109(240)	162

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

(Write description in a maximum of 500 words)

- ❖ The Institution employs several methods and events to assess the students in terms of knowledge and skills before the commencement and during the conduction of the course. The members of the admission committee examine the ability and enquire the interest of the students in accordance with the branch selected by the students at the time of admission. Induction programmes and coaching sessions are conducted for the newly admitted students for assessing their knowledge and skills. Every Department also conducts orientation programme for newly admitted students with events to identify the outstanding students.

- ❖ The advanced learners are identified by their academic performance and achievements. Special guidance and consultations are given to the advanced learners to secure high percentage of marks in university examination. The faculty members of the departments and the placement cell constantly encourage the advanced learners to write pertinent competitive exams. Advanced learners are also motivated to enroll in certification courses, NPTEL and participate in intercollegiate competition, technical fests and state/national level seminar. Merit students are felicitated on Engineers day and Annual day with prizes and mementos to motivate them to continue their academic excellence. They are also challenged with research projects, mini projects and internships and due guidance and resources provided. Advanced learners are encouraged to take up skills-based training and skills training labs by domain experts.
- ❖ Slow learners are identified and ear marked based on their poor academic performance in the continuous internal assessment tests and classroom interactions. Mentors are deputed to enhance the performance of weak students by regular counseling and providing moral support to them and encouraging them towards study through peer tutoring. Faculty provides extra attention to them in subject lectures.
- ❖ Remedial classes are conducted by every department and extra classes are arranged for backlog subjects if needed. Slow learners are constantly monitored for their performance in internal tests. Also regular communication is maintained with parents for implementation of follow-up procedures at home and for regularity in attendance.

2.2.2 Student - Full time teacher ratio

Data Requirement :

Total number of students enrolled in the institution

Total number of full time teachers in the institution

Formula: Students : Teacher

Academic Year	Total Number of students enrolled in the institution	Total Number of full time teachers available in the institution	Student Teachers Ratio
2019- 2020	4133	277	1:15

2.3 Teaching - Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

(Write description in maximum of 500 words)

- ❖ The institution ensures equity and wide access by following the stated policy and is well represented by students from different geographical area and socioeconomic, cultural and educational backgrounds. The college has adequate in-built student-centric mechanisms which are continually updated to achieve the goals of academic excellence.

- ❖ The college plans and organizes teaching, learning and evaluation schedules by strictly following the college Academic Calendar. Courses with lab component, Layer-Learning, Group learning, Internships, Project work, Technical seminars, Certificate courses and Value-added courses ensure **experiential learning** and **participative learning** by the students. For some specific subject's **problem-solving methodologies** are used to design problem solving exercises which are taught and solved by students through tutorial classes, assignments, workshops and open-book tests.
- ❖ The students are engaged in active learning and comprehensive learning experiences; using methodologies to manage diverse learning needs and challenges. The practice of teaching is a joint venture of the College staff and mentor teachers.
- ❖ The assessment and evaluation scheme is comprehensive, reliable, objective and transparent, outcomes of which are utilized in improving the performance of both students and teachers. Use of new technologies is incorporated from time to time in the process of teaching-learning. Creating question banks, regular evaluation and assessment of questions and generation of material/content for summative exams are some of the best practices of the college. Slow learners and advanced learners are identified through such analysis with the continuous assignments and assessments.
- ❖ Mid semester and end semester examinations are conducted to assess the academic needs of the students. Specialized classes are organized for enhancing the competence and performance of advanced learners. ICT based teaching learning is one of the best practices for the summative examinations to be conducted by the College. Student mentoring and guidance services are provided for the students at the academic, personal and psycho-social levels.
- ❖ The Institution maintains a learner-centric atmosphere to achieve the desired learning outcomes. The teachers employ interactive and participatory approach creating a feeling of responsibility in learning and make learning a process of construction of knowledge.
- ❖ ICT based facilities are used extensively for dissemination of knowledge and evaluation. Interactive instructional techniques like focused group discussions, projects, internships, brain storming sessions, experiments, Power Point Presentations and other applications of ICT resources enrich the teaching learning experience and engage students in higher order thinking and investigation.
- ❖ Short term workshops are often conducted to enhance their skills both in terms of personal and professional development. Student's participation in International and National seminars/ conferences, invited talks, and discussions are an integral part of our learning process.
- ❖ Teacher Quality is assured by recharging the faculty members in their own discipline and on general professional competence through training programmes and Faculty Development Programmes thus promoting an enhanced learning experience for the students.

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process

(Write description in maximum of 500 words)

- ❖ Infrastructure and Learning Resources are integral part of the good learning ecosystem. The college is equipped with good infrastructure, ambience and adequate learning resources. The Institution has well-furnished class rooms, ICT enabled Smart Rooms, and well furnished seminar halls, A/C Conference room, Specialized and well equipped labs are extensively used for effective teaching-learning. All the classrooms and labs are equipped with LCD projectors. The access of internet is provided to all students, administrative office, and library. This has improved the network and communication across the campus as it has given reliable and fast wireless and LAN connectivity.
- ❖ Well-equipped Computer Lab, Class rooms, LCD and OHPs are available to facilitate computer-aided teaching and enrich the teaching learning experience. Staff members adopt balanced blend of classic and modern methods of teaching-learning. Based on the context of the subject taught, staff prefers using ICT based teaching while using chalk talk- based tools for explanation and illustration. LCD is used for displaying open source videos for visual based understanding in addition to power point method of teaching.
- ❖ Certain freely available NPTEL, MOOC, MIT freeware lecture modules, Google Classrooms are used for this purpose. Augmenting infrastructural facilities has been a regular practice for sustaining and promoting academic excellence.
- ❖ Keeping in view the role and impact of technological advancements on higher education, the college has upgraded technology to give a new direction to teaching learning experience. Students also participate in the collaborative learning activities with the appropriate guidance from the staff using ICT tools such as presenting latest topics in a technical seminar hour, taking up assignments, mini project and Major project. They are also actively involved in the activities of technical societies such as CSI and IEEE to enable networking to enhance their technical knowledge through online competitions with the teacher as internal mentors.
- ❖ Computers with internet connection are available in the Digital library. It provides open-access system to both staff and students. It provides access to the online digital articles like IEEE Xplore and various online technical articles for enhancing the research experience. Library access is open for all on every normal working day during and one hour after regular working hours. Faculty takes initiative to learn and keep abreast of the latest developments using ICT tools, to innovate continuously, seek improvement in their work and strive for individual and institutional excellence. Usage of automation software's like CAMS, ERP and OPAC further increases the effectiveness of teaching learning process in the Institution.

2.3.3 Ratio of students to mentor for academic and other related issues

2.3.3.1: Number of mentors

Number of students assigned to each Mentor

Formula: Mentor : Mentee

Year	Number of students enrolled in the institution	Number of Mentors available in the institution	Mentor Mentee Ratio
2019- 2020	4133	210	1:20

2.3.4 Preparation and adherence of Academic Calendar and Teaching plans by the Institution

Describe the Preparation and adherence to Academic Calendar and Teaching plans by the institution within the minimum of 500 Characters and maximum of 500 words.

The Institution plans and organizes the teaching learning and evaluation schedules in the following manner:

- Institute develops an academic calendar for the semester based on “Academic Calendar for the session” issued by the university with the involvement of Principal, Dean, COE, Directors and HOD’s. The same is announced well before the commencement of the academic session.
- It is available in the college website for the view of students, parents and faculty members before the commencement of the semester. It consists of all the academic activities planned for the semester which includes dates commencement of classwork, dates of internal exams, lab exams and external exams etc.
- Lesson plans and course files are prepared according to the number of lectures required in each subject. The academic calendar defines the number of teaching days available according to which timetables are prepared and session examinations are scheduled.

All courses are handled as per the schedule in the academic calendar. For each course, a course file is prepared by the subject handling Faculty in a pre-defined format. The course file consists of syllabus, detailed course information with course outcomes, lecture notes, model question papers and sample assignments. The course file consists of following items.

- Teaching plan: Teaching plans for each and every course are prepared by the faculty. Whole syllabus is divided into X units and Y lectures as per the teaching scheme prescribed by the university.
- The course objectives are defined for each course in line with the PO’s.
- Lesson Plan: Lesson plans are prepared for each lecture in the teaching plan, by the faculty before the commencement of the semester and it is duly approved after careful examination by the Head of the Department and made available to the students. The Lecture notes are included in the course file and corresponding digital notes are posted.

- Question Banks: Question banks are prepared for each topic in the course based on the course objectives and considering the nature of the university question papers. The previous question Papers of University and internal assessments are also maintained in the course files.
- Assignment questions list and model question papers along with key solutions are included in the course files

The course file is verified by HOD at the beginning of the semester and during the semester on a regular basis to check for compliance with the set standards. The attendance registers are closely monitored to correct any deviations from the academic schedules.

The IQAC nominee in the Dept checks for adherence to the academic calendar and teaching plans. In case of an exception, the Academic Calendar is duly updated to accommodate the contemporary changes in schedules and other dependant documents and schedules are duly modified to enable a smooth execution of processes without any hindrance to the teaching-learning process.

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers against sanctioned posts during the year:

Data Requirement:

- Number of full time teachers
- Number of sanctioned post

Academic Year	Number of sanctioned posts in the institution	Number of fulltime teachers
2019-2020	277	277

2.4.2 Number of full time teachers with Ph.D. / D.M. / M.Ch. / D.N.B Super speciality / D.Sc. / D.Litt. during the year:

(Data Requirement: List of full time teachers with PhD./ D.M. / M.Ch. / D.N.B)

2019-2020			
S.No.	Department	No.of Full time teachers with Ph.d	Total No.of Full time teachers
1	ANE	03	21
2	CSE	09	53
3	ECE	09	50
4	EEE	01	14
5	IT	02	26
6	Mech	09	43
7	MBA	05	35
8	H & S	08	35
Total		46	277

List of Faculty with Ph.D: Academic Year : 2019-2020

S.No	Name of Full Time Teacher	Qualification	Designation	Department
1.	Dr. Sreenadh Chevula	Ph.D	Professor	ANE
2.	Dr. S. Suganya Devi	Ph.D	Professor	ANE
3.	Dr. M. Amarnadha Reddy	Ph.D	Professor & Head	ANE
4.	Dr.D.Sujatha	Ph.D	Professor& Head	CSE
5.	Dr.G.Sharada	Ph.D	Professor	CSE
6.	Dr.S.Shanthi	Ph.D	Professor	CSE
7.	Dr. V. Chandrasekhar	Ph.D	Professor	CSE
8.	Dr. Roopa Chandrika R	Ph.D	Assoc. Professor	CSE
9.	Dr. Venkateswara Reddy. E	Ph.D	Professor	CSE
10.	Dr. Ajeet Kumar Pandey	Ph.D	Professor	CSE
11.	Dr. R. Nidhya	Ph.D	Professor	CSE
12.	Dr. Nagendra prabhu selvaraj	Ph.D	Assoc. Professor	CSE
13.	Dr. V.Sivakumar Reddy	Ph.D	Professor & Principal	ECE
14.	Dr. S. Srinivasa Rao	Ph.D	Professor & HOD	ECE
15.	Dr. C. Ravishankar Reddy	Ph.D	Professor	ECE
16.	Dr. Pujari Lakshmi Devi	Ph.D	Professor	ECE
17.	Dr. VM Senthil Kumar	Ph.D	Assoc. Professor	ECE
18.	Dr. B. Jyothi	Ph.D	Assoc. Professor	ECE
19.	Dr Sucharitha Manikandan	Ph.D	Assoc. Professor	ECE
20.	Dr. Murugesan Rajamanickam	Ph.D	Assoc. Professor	ECE
21.	Dr. S. Sasikanth	Ph.D	Assoc. Professor	ECE
22.	Dr. N. Kamalamoorthy	Ph.D	Professor	EEE
23.	Dr. NS Gowri Ganesh	Ph.D	Professor	IT
24.	Dr. A. Mummoorthy	Ph.D	Professor	IT
25.	Dr.M.Murali Krishna	Ph.D	Professor & Dean	MECHANICAL
26.	Dr. P.H.V.S Talpa Sai	Ph.D	Professor & HOD	MECHANICAL
27.	Dr. Lakshmana Subramanyam	Ph.D	Asst. Professor	MECHANICAL
28.	Dr. T. Sivakumar	Ph.D	Professor	MECHANICAL
29.	Dr. Potnuru Srikar	Ph.D	Assoc. Professor	MECHANICAL
30.	Dr. T. Lokeswara Rao	Ph.D	Asst. Professor	MECHANICAL
31.	Dr. G. Thrisekhar Reddy	Ph.D	Assoc. Professor	MECHANICAL
32.	Dr. B Jain A R Tony	Ph.D	Assoc. Professor	MECHANICAL
33.	Dr. K. Nagaraju	Ph.D	Assoc. Professor	MECHANICAL
34.	Dr. K V Subba Rao	Ph.D	Professor	MBA
35.	Dr. Reena Modi	Ph.D	Professor	MBA
36.	Dr. I J Raghavendra	Ph.D	Assoc. Professor	MBA
37.	Dr. Vaishali shankarlal pagaria	Ph.D	Assoc. Professor	MBA
38.	Dr. R. Durga Prasad	Ph.D	Assoc. Professor	MBA
39.	Dr. K. Munirathnam Achari	Ph.D	Professor	H&S
40.	Dr. V. Madhusudhana Reddy	Ph.D	Professor & HOD	H&S
41.	Dr. Kandhagatala Ramakrishna	Ph.D	Professor	H&S
42.	Dr. Neeraja Vattipally	Ph.D	Professor	H&S
43.	Dr. Nirupma Singh	Ph.D	Professor	H&S
44.	Dr. E. Ramanjaneyareddy	Ph.D	Assoc. Professor	H&S
45.	Dr. T. DIVYA	Ph.D	Assoc. Professor	H&S
46.	Dr. Shekhar Patlola	Ph.D	Professor	H&S

2.4.3 Total teaching experience of full time teachers in the same institution

Data Requirement: Name and Number of full time teachers with years of teaching experiences in the institution

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
1	Dr. Sreenadh Chevula	BCYPS2095E	3years,8months	Professor	AERONAUTICAL
2	Dr. S. Suganya Devi	DSVPS2505A	3years,11months	Professor	AERONAUTICAL
3	Dr. M. Amarnadha Reddy	AMCPM9207H	10years,3months	Professor & Head	AERONAUTICAL
4	Prof. Vedantam Ravi	ADGPV4627B	5years,3months	Professor & HOD	AERONAUTICAL
5	D. Smitha	AMVPD0799G	14years,3months	Assoc. Professor	AERONAUTICAL
6	L. Sushma	ACVPL7541E	8years,7months	Assoc. Professor	AERONAUTICAL
7	J. Sandeep	ALHPJ9736C	10years,3months	Assoc. Professor	AERONAUTICAL
8	G. Sai Satyanarayana	ALDPG8208J	9years,8months	Assoc. Professor	AERONAUTICAL
9	M. Yugender	BCWPM3663E	5years,3months	Asst. Professor	AERONAUTICAL
10	G. Dheeraj Kumar	AWOPG9968P	4years,2months	Asst. Professor	AERONAUTICAL
11	Talari Meena	AUIPT6377M	4years,3months	Asst. Professor	AERONAUTICAL
12	K. Hema	APJPH3059J	3years,9months	Asst. Professor	AERONAUTICAL
13	Y Buggaswamy	AKZPY8248H	5years,9months	Asst. Professor	AERONAUTICAL
14	K. Mahesh Babu	BPJPB9567A	5years,2months	Asst. Professor	AERONAUTICAL
15	P Anish	BRAPP4694K	7years,10months	Asst. Professor	AERONAUTICAL
16	Ch. Uma Bharathi	BJKPC8051R	3years,9months	Asst. Professor	AERONAUTICAL
17	B. Siddartha	BYQPB4651K	3years,9months	Asst. Professor	AERONAUTICAL
18	A. Muthu Krishna	CSMPM7684J	2years,9months	Asst. Professor	AERONAUTICAL

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
19	Ch. Tejo Kamal	BFUPC6472G	3years,11months	Asst. Professor	AERONAUTICAL
20	Sri Sai Kiran Ch	AQVPC4511H	2years,8months	Asst. Professor	AERONAUTICAL
21	Chintamadaka Anusha	AUCPC3673R	2years,7months	Asst. Professor	AERONAUTICAL
22	Dr.D.Sujatha	AFXPD6610F	5years,3months	Professor	CSE
23	Dr.G.Sharada	AFSPG4422P	4years,1months	Professor	CSE
24	Dr.S.Shanthi	AXTPM3184D	4years,6months	Professor	CSE
25	Dr. V. Chandrasekhar	AKSPC7944F	3years,8months	Professor	CSE
26	Dr. Roopa Chandrika R	AHJPR5319K	2years,8months	Assoc. Professor	CSE
27	Dr. Venkateswara Reddy. E	AAKPE7111L	2years,8months	Professor	CSE
28	Dr. Ajeet Kumar Pandey	ARAPK4328A	8years,7months	Professor	CSE
29	Dr. R. Nidhya	AKAPN9801A	2years,8months	Professor	CSE
30	Dr. Nagendra Prabhu Selvaraj	ANJPN2688R	0years,11months	Assoc. Professor	CSE
31	Madadi Vijaya Kamal	AKUPM5696C	4years,6months	Assoc. Professor	CSE
32	P Bikshapathy	AJCPB9718K	5years,5months	Assoc. Professor	CSE
33	A. Syam Prasad	AKVPA5049A	12years,1months	Assoc. Professor	CSE
34	G. Ravi	APVPG7804C	12years,0months	Assoc. Professor	CSE
35	M. Gayatri	AXFPM4736P	8years,8months	Assoc. Professor	CSE
36	D. Radha	AJVPR1032R	13years,3months	Assoc. Professor	CSE
37	D. Chandrasekhar Reddy	ANYPD3464E	5years,8months	Assoc. Professor	CSE
38	M. Jayapal	ARWPM2290B	8years,7months	Assoc. Professor	CSE

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
39	K. Srikanth	BGSPK9315H	12years,0months	Assoc. Professor	CSE
40	P. Dileep	APWPP3390K	5years,2months	Assoc. Professor	CSE
41	M. Sandeep	BCDPM2325N	10years,2months	Assoc. Professor	CSE
42	Thayyaba Khatoon Mohammed	AWQPM4380F	2years,4months	Assoc. Professor	CSE
43	M. Sambasivudu	DGZPS5002Q	8years,7months	Asst. Professor	CSE
44	Manoj Kumar Gottimukkula	BCPPG3724F	9years,6months	Asst. Professor	CSE
45	J Arthi Jaya Kumari	ANKPA9851G	6years,8months	Asst. Professor	CSE
46	M. Venu	ASRPM9064B	7years,8months	Asst. Professor	CSE
47	S. Vishwanath Reddy	APEPV8963J	6years,8months	Asst. Professor	CSE
48	V. Suneetha	AMYPV0563B	8years,7months	Asst. Professor	CSE
49	P. Honey Diana	BKGPP3161G	4years,2months	Asst. Professor	CSE
50	R. Sujatha	EIZPS1938C	4years,2months	Asst. Professor	CSE
51	N. Siva Kumar	CBJPS3675M	5years,5months	Asst. Professor	CSE
52	Praveen Sr Konduri	BRGPK4469K	4years,9months	Asst. Professor	CSE
53	Mahendar Jinukala	AOJPI1434Q	5years,7months	Asst. Professor	CSE
54	Shiva Kumar Talathai	AMNPT9998B	3years,8months	Asst. Professor	CSE
55	W. Nirmala	AUTPM7422K	3years,7months	Asst. Professor	CSE
56	Ch. Naveen Kumar Reddy	ALVPC2285R	3years,3months	Asst. Professor	CSE
57	Abdul Saleem L	ACQPL3746A	2years,3months	Asst. Professor	CSE
58	K. M. Rayudu	ATMPK1589K	3years,3months	Asst. Professor	CSE

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
59	M. Sirisha	AOXPM1462M	3years,3months	Asst. Professor	CSE
60	Ravi Kiran K	CJTPK7773A	3years,3months	Asst. Professor	CSE
61	Muga Supraja	DDTPM8475A	2years,2months	Asst. Professor	CSE
62	Gummagatta Vaibhavi	AOVPV0864N	3years,3months	Asst. Professor	CSE
63	Preetha Warriier	AARPW7712Q	3years,3months	Asst. Professor	CSE
64	Bokka Pavani	AWOPB1602P	1years,10months	Asst. Professor	CSE
65	Neelima Shanigaram	AWPPN0246C	2years,8months	Asst. Professor	CSE
66	Balne Sangeetha	BBBPB8646J	5years,7months	Asst. Professor	CSE
67	Satish Garigipati	AXUPG6290R	2years,8months	Asst. Professor	CSE
68	S J Shruthi Rani Yadav	FNUPS9659R	3years,9months	Asst. Professor	CSE
69	Amrutha Mary	BZHPM2542J	3years,9months	Asst. Professor	CSE
70	Gorantla Shamini	BUTPG5430L	3years,9months	Asst. Professor	CSE
71	Indumadhavi Gubbala	BDSPG2465D	4years,9months	Asst. Professor	CSE
72	Kalpna Devineni	BOMPK1260D	11years,2months	Asst. Professor	CSE
73	A. Naveen Kumar	BURPA4219B	4years,3months	Asst. Professor	CSE
74	Akepogu Lydia	CZTPA7320M	2years,8months	Asst. Professor	CSE
75	Dr. V.Sivakumar Reddy	ACGPV1679N	11years,1months	Professor & Principal	ECE
76	Prof. P. Sanjeeva Reddy	ADYPP7709A	14years,0months	Professor	ECE
77	Dr. S. Srinivasa Rao	ARWPS7682K	7years,8months	Professor & HOD	ECE
78	Dr. C. Ravishankar Reddy	BWYPR4083D	3years,8months	Professor	ECE

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
79	Dr. Pujari Lakshmi Devi	AMUPP2382G	3years,8months	Professor	ECE
80	Dr. Vm Senthil Kumar	BMFPS4203M	2years,8months	Assoc. Professor	ECE
81	Dr. B. Jyothi	ALLPB5452D	13years,0months	Assoc. Professor	ECE
82	Dr Sucharitha Manikandan	BYMPS6225C	2years,8months	Assoc. Professor	ECE
83	Dr. Murugesan Rajamanickam	AXJPM3159J	2years,8months	Assoc. Professor	ECE
84	Dr. S. Sasikanth	CJRPS4561E	2years,1months	Assoc. Professor	ECE
85	K.Murali Krishna	AGIPK2966M	9years,7months	Assoc. Professor	ECE
86	K. Mallikarjuna Lingam	AEOPL5051N	13years,0months	Assoc. Professor	ECE
87	G. Srinivasa Naveen Kumar	AMEPG9046Q	11years,10months	Assoc. Professor	ECE
88	V.Kiran Kumar	AFUPV2026C	15years,7months	Assoc. Professor	ECE
89	M. Ramanjaneyulu	AIGPM0730R	7years,8months	Assoc. Professor	ECE
90	M.Arun Kumar	APEPM9843E	10years,2months	Assoc. Professor	ECE
91	M. Sreedhar Reddy	AQPPR6158R	12years,8months	Assoc. Professor	ECE
92	P. Anitha	BIGPP8737A	10years,2months	Assoc. Professor	ECE
93	P. Swetha	BMQPP0293M	9years,10months	Assoc. Professor	ECE
94	K.Suresh	CYQPS3822N	10years,2months	Asst. Professor	ECE
95	D.Asha	ATAPD1372R	10years,9months	Asst. Professor	ECE
96	M. Anusha	ASWPM6305N	9years,7months	Asst. Professor	ECE
97	N. Saritha	AIJPN2663F	12years,3months	Asst. Professor	ECE
98	T. Vinaysimha Reddy	AFUPT9319Q	7years,8months	Asst. Professor	ECE

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
99	Renju Panicker	AVNPP9911H	7years,3months	Asst. Professor	ECE
100	K. Deavaki Krishna Ajay	BSYPK4036M	8years,0months	Asst. Professor	ECE
101	R. Chinna Rao	AICPR8197B	6years,5months	Asst. Professor	ECE
102	V. Shiva Raja Kumar	APSPV6856N	7years,9months	Asst. Professor	ECE
103	E. Mahender Reddy	ABHPE9262A	4years,11months	Asst. Professor	ECE
104	Ch. Kiran Kumar	AQGPC0961Q	6years,8months	Asst. Professor	ECE
105	Srinivas Tallasila	ARMPT6909Q	5years,7months	Asst. Professor	ECE
106	Ch. Srinivasulu	AKDPC0476B	5years,6months	Asst. Professor	ECE
107	Ramagiri Kiran	AOGPR0309K	5years,1months	Asst. Professor	ECE
108	Maram Anantha Gupta	BJDPG2374N	4years,0months	Asst. Professor	ECE
109	K.L. Narasimha Prasad	AFEPN3939A	4years,2months	Asst. Professor	ECE
110	G. Vaidehi	AGTPG0136G	4years,3months	Asst. Professor	ECE
111	M. Himabindu	BHHPM0101R	4years,5months	Asst. Professor	ECE
112	G. Anusha	BSFPG7011K	3years,9months	Asst. Professor	ECE
113	M. Nagma	CYYPM1401K	3years,9months	Asst. Professor	ECE
114	K. Bhavana	COAPK6993N	3years,9months	Asst. Professor	ECE
115	S. Rajani	DXTPS1091A	4years,7months	Asst. Professor	ECE
116	Kotha Swathi	BAQPK5732G	6years,9months	Asst. Professor	ECE
117	Karnati Narendra Reddy	CEJPK3430D	2years,10months	Asst. Professor	ECE
118	N. Subash	AQLPN8438Q	2years,3months	Asst. Professor	ECE

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
119	K. Harshavardhan Reddy	DSHPK9166F	2years,0months	Asst. Professor	ECE
120	Nalla Suresh	AMGPN9572Q	2years,9months	Asst. Professor	ECE
121	Neha Thakur	AGWPP8697A	2years,8months	Asst. Professor	ECE
122	D. Kavitha	BFQPD9732J	3years,8months	Asst. Professor	ECE
123	Maheshwari	BBWPM5269B	4years,4months	Asst. Professor	ECE
124	Bommagani Srujana	CPGPB7660Q	3years,9months	Asst. Professor	ECE
125	Dr. N. Kamalamoorthy	BAEPK0104L	2years,2months	Professor	EEE
126	N. Ramesh	ARTPN9661L	5years,3months	Asst. Professor	EEE
127	G. Shekar Babu	BIJPG3214L	5years,3months	Asst. Professor	EEE
128	B. Srinivasa Rao	BHZPB8222N	5years,3months	Asst. Professor	EEE
129	Prof. K. Subhas	ADAPK6105H	5years,4months	Professor & HOD	EEE
130	O. Saidulu Reddy	AARPO3199B	6years,3months	Asst. Professor	EEE
131	Pathuri Raji Reddy	BMLPP1848M	9years,7months	Asst. Professor	EEE
132	S. Rakesh	BZIPS2958D	3years,2months	Asst. Professor	EEE
133	Chandrika	CHQPG1358E	2years,8months	Asst. Professor	EEE
134	P. Suman	BVKPP1356E	3years,9months	Asst. Professor	EEE
135	Baggam Swathi	DHLPB7100M	2years,3months	Asst. Professor	EEE
136	Iruvanti Rajashekar	ACVPI8298R	2years,9months	Asst. Professor	EEE
137	Madavena Kumaraswamy	AZPPM8644Q	2years,9months	Asst. Professor	EEE
138	Karimulla Peerla Shaik	BEWPK1275A	2years,9months	Asst. Professor	EEE

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
139	Prof. K. Kailasa Rao	AHXP3007D	13years,3months	Professor	IT
140	Dr. Ns Gowri Ganesh	AHTPG3790R	3years,8months	Professor	IT
141	Dr. A. Mummooorthy	BHWPM6810L	3years,4months	Professor	IT
142	J. Suneetha	BPPPS2893A	12years,3months	Assoc. Professor	IT
143	P. Srinivasa Rao	BQHPS4513E	10years,2months	Assoc. Professor	IT
144	M. Vazralu	AEEP3155K	9years,8months	Assoc. Professor	IT
145	Novy Jacob	ATQPJ5787L	6years,3months	Asst. Professor	IT
146	K. Swetha	BPSPK8576D	8years,7months	Asst. Professor	IT
147	A. Yogananda	ARHPA7580M	6years,3months	Asst. Professor	IT
148	Srilakshmi Konduri	AYFPK5142C	7years,0months	Asst. Professor	IT
149	P. Hari Krishna	BIUPP5666E	8years,7months	Asst. Professor	IT
150	Shatharaju Thirupathi	GYWPS6287K	3years,8months	Asst. Professor	IT
151	T. Kumar Raja	CPRPK1448A	2years,4months	Asst. Professor	IT
152	Pattern Sampurnima	ARRPP2002P	2years,10months	Asst. Professor	IT
153	Busine Praveen	BJSPB1320G	2years,0months	Asst. Professor	IT
154	Perunalla Praveen	CXZPP4389M	2years,9months	Asst. Professor	IT
155	Umamaheswararao Inkollu	ACLPI6648H	1years,9months	Assoc. Professor	IT
156	Bodlapati Ramya Sri	CFZPB6126C	1years,10months	Asst. Professor	IT
157	Shweta Rayar	AMTPR3445B	1years,8months	Asst. Professor	IT
158	T. Jagadeesh Kumar	ARIPT4787G	5years,7months	Asst. Professor	IT

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
159	Nerella Vivek	AKZPN2882L	3years,8months	Asst. Professor	IT
160	Mateti Sravanthi	BEFPM7408Q	1years,9months	Asst. Professor	IT
161	A. Bichamma	BJIPA0198R	3years,8months	Asst. Professor	IT
162	K. Sudhakar Reddy	CRBPS6537C	11years,2months	Asst. Professor	IT
163	G. Sarabha Reddy	AOSPG4004N	6years,9months	Asst. Professor	IT
164	Nakka Samiyelu	ARCPN1622L	5years,7months	Asst. Professor	IT
165	Dr.M.Murali Krishna	ATBPM7478C	3years,9months	Professor & Dean	MECHANICAL
166	Dr. P.H.V.S Talpa Sai	ADYPP7698A	6years,7months	Professor & HOD	MECHANICAL
167	Dr. Lakshmana Subramanyam	ARYPS3067Q	2years,4months	Asst. Professor	MECHANICAL
168	Dr. T. Sivakumar	BGIPS6130G	2years,8months	Professor	MECHANICAL
169	Dr. Potnuru Srikar	BAQPP9984H	3years,8months	Assoc. Professor	MECHANICAL
170	Dr. T. Lokeswara Rao	AFEPT8877M	2years,3months	Asst. Professor	MECHANICAL
171	Dr. G. Thrisekhar Reddy	BRAPG1106M	2years,0months	Assoc. Professor	MECHANICAL
172	Dr. B Jain A R Tony	BIRPR3729M	2years,8months	Assoc. Professor	MECHANICAL
173	Dr. K. Nagaraju	ALJPN0546J	2years,10months	Assoc. Professor	MECHANICAL
174	Mangeelal Dharavath	AGWPD9566G	5years,9months	Assoc. Professor	MECHANICAL
175	Desu Damodara Reddy	AEWPR4293Q	7years,9months	Assoc. Professor	MECHANICAL
176	Yangaladasu Dilip Kumar	AVDPD3714C	7years,2months	Assoc. Professor	MECHANICAL
177	Katravath Bicha	BTZPK9618M	8years,3months	Assoc. Professor	MECHANICAL
178	Borukati Sandhya Rani	CLVPS0119Q	2years,9months	Assoc. Professor	MECHANICAL

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
179	Chamala Daksheeswara Reddy	BFXPR8967J	6years,8months	Asst. Professor	MECHANICAL
180	M L R Chaitanya Lahari	CSBPM7232B	5years,8months	Asst. Professor	MECHANICAL
181	Misba Mehdi	AUJPM0611Q	8years,7months	Asst. Professor	MECHANICAL
182	Haseena Bee	BXBPP4435M	8years,7months	Asst. Professor	MECHANICAL
183	Venkata Subbarao Dantam	AKXPD2175N	6years,5months	Asst. Professor	MECHANICAL
184	Mahendra Bommasi	CBPPM2950R	5years,2months	Asst. Professor	MECHANICAL
185	N. Anupama Sai Priya	BXRPS1131H	4years,6months	Asst. Professor	MECHANICAL
186	D. Prasuna Lilly Florence	AMBPD8233H	8years,7months	Asst. Professor	MECHANICAL
187	Akhila Kakera	CJIPK5449Q	5years,10months	Asst. Professor	MECHANICAL
188	Settem Lakshmi Nitheesha	HEIPS2099L	3years,6months	Asst. Professor	MECHANICAL
189	Vivekananda Soma	DBYPS2949E	6years,9months	Asst. Professor	MECHANICAL
190	Akarapu Sridhar	CLOPS5012F	2years,9months	Asst. Professor	MECHANICAL
191	Mahantesh Katagi	DGOPK3266B	3years,8months	Asst. Professor	MECHANICAL
192	Konda Saidulu	DWVPK9311R	2years,10months	Asst. Professor	MECHANICAL
193	S. Shailesh Babu	BPAPS3946H	9years,0months	Asst. Professor	MECHANICAL
194	Y Alluri Indrajya	ACHPI2841L	4years,6months	Asst. Professor	MECHANICAL
195	Vennam Gopala Krishna	ANXPV2096F	4years,6months	Asst. Professor	MECHANICAL
196	Bontha Vijayalakshmi	AMYPB7801J	4years,6months	Asst. Professor	MECHANICAL

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
197	Kolimi Bharath Bhushan Reddy	BOKPK0997P	4years,2months	Asst. Professor	MECHANICAL
198	Sruthi Srinivasan	DXVPS2839J	2years,11months	Asst. Professor	MECHANICAL
199	Bosigari Samhita	EOKPS2107J	5years,5months	Asst. Professor	MECHANICAL
200	Kotapati Venkata Ramana	BZTPK6116N	4years,6months	Asst. Professor	MECHANICAL
201	Sandeep Kumar Katkooari	DWUPK8912G	2years,10months	Asst. Professor	MECHANICAL
202	Naveen Kumar Chebrolu	BUNPK4569E	1years,10months	Asst. Professor	MECHANICAL
203	Kasu Srinivasa Reddy	AYCPS1123Q	2years,8months	Asst. Professor	MECHANICAL
204	Oy Venkata Subba Reddy	ACAPO5298G	2years,8months	Asst. Professor	MECHANICAL
205	Boddepalli Rajesh Kumar	AUUPB5106A	2years,4months	Asst. Professor	MECHANICAL
206	Kasula Navyasri	DWPPK2198D	1years,8months	Asst. Professor	MECHANICAL
207	Mugulutla Sai Ram	BTFFPM5293L	3years,8months	Asst. Professor	MECHANICAL
208	G. Naveen Kumar	AHOPG0877G	14years,0months	Assoc. Professor & HOD	MBA
209	T. Satish Kumar	ADDPT2984N	14years,2months	Assoc. Professor	MBA
210	Dr. K V Subba Rao	CIQPK9936F	3years,9months	Professor	MBA
211	Dr. Reena Modi	BVFPM0063A	3years,3months	Professor	MBA
212	Dr. I J Raghavendra	ACDPI5439E	8years,7months	Assoc. Professor	MBA
213	Dr. Vaishali Shankarlal Pagaria	AHUPB4912B	2years,7months	Assoc. Professor	MBA
214	Dr. R. Durga Prasad	AMUPR2460F	2years,2months	Assoc. Professor	MBA
215	G. Archana	ARJPG0132D	13years,2months	Assoc. Professor	MBA
216	K. Shashikanth	ANCPK5557B	4years,0months	Assoc. Professor	MBA

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
217	Nnk Sandilya	AGNPN6915G	6years,3months	Assoc. Professor	MBA
218	M. Vijayalakshmi	AICPM4040L	4years,7months	Assoc. Professor	MBA
219	K. Sudheer	BMAPK8425L	11years,1months	Asst. Professor	MBA
220	MI Himaja	ANMPM3719K	5years,8months	Asst. Professor	MBA
221	N.Durga Bhavani	AJXPN2360C	5years,3months	Asst. Professor	MBA
222	N. Rajesh Babu	AHGPN4803P	6years,3months	Asst. Professor	MBA
223	V. Hari Krishna	ANHPV2249L	5years,11months	Asst. Professor	MBA
224	Nanda Kishore	BAWPM8067L	5years,3months	Asst. Professor	MBA
225	Ayanala Lakshmi	ARRPA4600Q	2years,11months	Asst. Professor	MBA
226	Mittakola Sunitha	ATRPB2246B	3years,0months	Asst. Professor	MBA
227	A Mohan Kumar	ATDPA8185G	2years,10months	Asst. Professor	MBA
228	G. Latha	DIEPS3694P	3years,9months	Asst. Professor	MBA
229	G. Prashanth	AKHPG9568L	3years,9months	Asst. Professor	MBA
230	M. Srinivas	BAPPM3019K	6years,8months	Asst. Professor	MBA
231	Safiya Begum	CJYPB0693P	3years,9months	Asst. Professor	MBA
232	Saleem Javeed Ali	CHQPM8904E	3years,9months	Asst. Professor	MBA
233	Manikya Hridaya Sneha Philomena	DDFPM2465G	1years,8months	Asst. Professor	MBA
234	Channoju Anil Kumar	BEYPC7003Q	2years,2months	Asst. Professor	MBA
235	Shalini Battula	AVEPB2170R	4years,8months	Asst. Professor	MBA
236	B. Rajitha	COAPB1740L	3years,9months	Asst. Professor	MBA

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
237	G. Meenu Deepika	CEVPD5465D	3years,0months	Asst. Professor	MBA
238	Raju Rathipelli	AOIPR8968Q	4years,4months	Asst. Professor	MBA
239	Naresh Dumpala Srinivas	BJFPD5114F	3years,0months	Asst. Professor	MBA
240	Maheshwari Purra	BBYPM9616C	5years,4months	Asst. Professor	MBA
241	Bharath Kumar V	AHBPV5431C	4years,4months	Asst. Professor	MBA
242	Shyam Reddy Putta	BRXPR0006G	1years,11months	Asst. Professor	MBA
243	Dr. K. Munirathnam Achari	ADFPK4712K	12years,0months	Professor	H&S
244	Dr. V. Madhusudhana Reddy	ADAPV6965C	10years,0months	Professor & HOD	H&S
245	Dr. Kandhagatala Ramakrishna	AUCPK3642A	16years,7months	Professor	H&S
246	Vuthaluru Srinivas Rao	CJHPS8339A	7years,0months	Assoc. Professor	H&S
247	Archanadevi Annapuram	AXIPA7668M	7years,0months	Asst. Professor	H&S
248	Narendra Kesana	CPRPK2510K	4years,7months	Asst. Professor	H&S
249	Marri Swathi	BEVPM8302Q	3years,2months	Asst. Professor	H&S
250	Dr. Neeraja Vattipally	AGSPV3994L	9years,7months	Professor	H&S
251	Dr. Nirupma Singh	ACTPL8548B	3years,2months	Professor	H&S
252	Dr. E. Ramanjaneyareddy	ABLPE3887D	4years,2months	Assoc. Professor	H&S
253	Dr. T. Divya	AUIPT9173H	2years,1months	Assoc. Professor	H&S
254	Arpita Panda	AZXPP4985B	2years,2months	Asst. Professor	H&S
255	Chandrasekhar Somsole	DXMPS4805P	7years,8months	Asst. Professor	H&S

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
256	Dr. Shekhar Patlola	ARPPP6982J	7years,0months	Professor	H&S
257	K. Rajeshwar Reddy	ANUPR7380M	12years,3months	Assoc. Professor	H&S
258	Naredla Bhaskar Reddy	ALFPN4767M	7years,0months	Asst. Professor	H&S
259	Shailaja Papishetty	AIOPG2393J	8years,8months	Assoc. Professor	H&S
260	Thatiguntla Anithakumari	AGAPT0412B	7years,0months	Asst. Professor	H&S
261	Gobburi Rekha	AQAPG2350F	7years,1months	Asst. Professor	H&S
262	Harika Bhurgula	CDPPB5161D	5years,8months	Asst. Professor	H&S
263	Rajitha Pazavara	ASKPP0943M	3years,11months	Assoc. Professor	H&S
264	Caroline Saginala	DKWPS0193H	8years,7months	Asst. Professor	H&S
265	V. Anuradha	ANNPV6605L	3years,3months	Asst. Professor	H&S
266	Mekala Sharath Kumar	BLEPM6971J	4years,8months	Asst. Professor	H&S
267	K S Rajashri	AQPPR8337L	4years,8months	Asst. Professor	H&S
268	K Ramya	AQPPR0547L	3years,9months	Asst. Professor	H&S
269	Reddy Podu Rajasekar	BZGPR2145J	6years,8months	Asst. Professor	H&S
270	Saraswathi Yamini	ACXPI2768L	2years,6months	Asst. Professor	H&S
271	Tripathi Shriya	BMWPT3641R	4years,9months	Asst. Professor	H&S
272	Medabalimi Nani Kishore	CGPPM7817N	2years,5months	Asst. Professor	H&S
273	Mohita Aminha	AGYPC5608C	6years,8months	Asst. Professor	H&S
274	B Vasantha	BBQPV5107F	2years,11months	Asst. Professor	H&S
275	Bandi Rajeshwar Reddy	AMMPB6793R	5years,4months	Asst. Professor	H&S

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
276	Dr. E. Raja Gopal	AAQPE7386K	16years,0months	Asst. Professor	H&S
277	C. Bhaskar Reddy	AIKPC7310B	7years,3months	Asst. Professor	H&S

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year:

Data Requirement:

- Semester wise/ year wise
- Last date of the last semester-end/ year- end examination
- Date of declaration of results of semester-end/ year- end examination
- Number of days taken for declaration of results
- Number of days for declaration of results during the year

Academic Year: 2019-2020

Sl. No.	Programme Name	Semester/ year	Last date of the last semester-end examination	Date of declaration of results of semester-end examination	Number of days taken for declaration of results
1	B. Tech	IIsem/Iyr	23/06/2019	07/07/2019	14
2	B. Tech	I/I	28/12/2019	10/01/2020	13
3	B. Tech	II/II	14/12/2019	30/12/2019	16
4	B. Tech	I/II	30/11/2019	14/12/2019	14
5	B. Tech	II/III	13/12/2019	30/12/2019	17
6	B. Tech	I/III	29/11/2019	14/12/2019	14
7	B. Tech	II/IV	16/09/2020	28/09/2020	12
8	B. Tech	I/IV	30/11/2019	14/12/2019	14
9	MBA	I/I	05/02/2020	19/02/2020	14
10	MBA	II/I	28/06/2019	10/07/2019	12
11	MBA	I//II	11/12/2019	22/12/2019	11
12	M. Tech	II/I	24/06/2019	10/07/2019	16
13	M. Tech	I/I	31/01/2020	15/02/2020	15

2.5.2 Number of student complaints/grievances about evaluation against total number appeared in the examinations during the year:

Academic Year	Number of complaints or grievances about evaluation	Total number of students appeared in the examination
2019-2020	190	4133

2.5.3 IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution

Describe the examination reforms with reference to the following within a minimum of 500 words and maximum 1000 words:

- Examination procedures
- Processes integrating IT
- Continuous internal assessment system

Examination Procedures and Assessment System:

- Internal Examination: After the commencement of the semester the Department will conduct two internal tests and the marks are based on the average of the two tests conducted. The questions are set to map the course outcomes.
- External Examination: At the end of semester, examinations will be conducted for all the courses. The questions will cover the entire syllabus and they are mapped with course and program outcomes.
- Technical Seminar Evaluation: Each student will be presenting a seminar and evaluated by a coordinator and submitted to the department.
- Major Projects: Project batches are allotted to faculty member based on their area of specialization. Reviews are conducted and evaluated by the project coordinator and PRC and the progress is monitored. An external viva-voce will be conducted and the marks awarded by the external members will be submitted to the exam branch.
- Mini Projects: Project batches are allotted to faculty member based on their specialization. Reviews are conducted and evaluated by the guides and Head of the Department.
- Lab: Continuous evaluation will be done for laboratory and internal marks will also be awarded based on the internal lab examinations. End semester examination will be conducted at the end of the semester evaluated by an external examiner.

Processes integrating IT:

- All students have to register for their Regular and supplementary examinations through online mode only.
- Main answer booklet number and photo of the students is integrated on student day wise attendance sheet.

- Students can download their hall tickets through online.
- Students can see their backlog subjects through the year in online mode.
- Students and parents can see their results through online and get notifications also.
- Digital valuation is implemented and processing of results is also automated.
- QR code is implemented in the marks sheets, Provisional certificate and consolidated mark sheet.
- ERP Software (BeeS) is used for automation of examination procedures

2.6 Student Performance and Learning Outcomes

2.6.1 Programme outcomes and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students

(Describe Course Outcomes (COs) for all courses and mechanism of communication within a maximum of 500 words. Upload COs for all courses (exemplars from Glossary)

PROGRAM OUTCOMES (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 modeling 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 multi disciplinary 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.

Mechanism of Communication

Programme Educational Objectives (PEOs) and Programme Outcomes (POs) are prepared for every programme and displayed at various locations as listed below:

- College website
- Academic Calendar
- Classrooms
- Laboratories
- Department building walls
- HOD office

The course outcomes (COs) for all courses are printed in:

- College website
- Academic Regulations book.
- Syllabus Copy
- Laboratory Manuals
- Handouts to Students

(NOTE : Course Outcomes for all the courses are enclosed in Annexure-2A)

2.6.2 Attainment of program outcomes and course outcomes are evaluated by the institution

(Describe the method of measuring attainment of POs , PSOs and COs in not more than 500 words and the level of attainment of POs , PSOs and COs.)

The learning outcomes are ensured using direct and indirect assessment methods. The assessment methods are internal examination, external examination, seminar, mini project and major project evaluation, assignments and laboratory evaluation.

The Programme Outcome attainment analysis is done using MS EXCEL as detailed below:

- The faculty handling the Course enters the course outcomes, CO-PO mapping along with the assessment weightage for each and every CO.
- The faculty then enters the internal test questions with details of question number, CO number and maximum marks.
- In the next stage, faculty enters the marks scored by students in the internal tests against the question, which in turn is mapped into the performance of the students on different COs.
- The PO attainment is computed from the CO attained by the students and is average of the students score.

Based on Course Outcomes defined for each course, the Assessment-CO Matrix is obtained by reflecting percentage of COs contributed in each assessment type. Finally the average percentage of each CO is calculated which will be considered to calculate the target value to assess whether a particular CO is attained or not for a particular course.

Since each course is defined to address specific program outcomes, course assessment is used to map attainment of course outcomes to assess whether 12 program outcomes are attained

The attainment levels are categorized based on the marks as given below.

Level 1: 60% students scoring more than 50% marks out of the relevant maximum marks.

Level 2: 70% students scoring more than 50% marks out of the relevant maximum marks.

Level 3: 80% students scoring more than 50% marks out of the relevant maximum marks.

The indirect assessment tools are Graduate Survey, Employer feedback, Parents feedback and Alumni feedback.

Indirect assessment is customised to a grade on the scale of 3, with Level 1 that is between 60% to 70% and Level 2 between 70% to 80% and Level 3 greater than 80%.

The attainment levels by direct assessment (student performance) and indirect assessment (surveys) are presented through Program level Course.

2.6.3 Pass percentage of students

2.6.3.1 : Total number of final year students who passed the examination conducted by Institution.

2.6.3.2 : Total number of final year students who appeared for the examination
Data Requirement:

- Programme Code
 - Name of the Programme
 - Number of students appeared
 - Number of students passed
- Pass percentage

Academic Year : 2019-2020

Programme Code	Programme Name	Programme Specialization	Number of final year students who appeared in the examination	Number of final year students who passed in examination	Pass Percentage %
ME-03	B. Tech	Mechanical Engineering	176	144	81
ECE-04	B. Tech	Electronics & Communication Engineering	241	213	88
CSE-05	B. Tech	Computer Science Engineering	223	204	91
IT-12	B. Tech	Information Technology	54	44	81
AERO-21	B. Tech	Aeronautical Engineering	58	54	93
M.TECH -15	M. Tech	Machine Design	25	15	60
M.TECH -21	M. Tech	Thermal Engineering	14	5	36
M.TECH -68	M. Tech	VLSI	17	14	82
M.TECH -58	M. Tech	Computer Science Engineering	18	14	77
M.TECH -76	M. Tech	Aerospace	20	12	60
MBA-0E	MBA	Master of Business Administration	216	137	63

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

NOTE: The format for Student Satisfaction Survey is provided as Annexure – 2B