Criterion II – Teaching-Learning and Evaluation

2.1 Student Enrolment and Profile
2.1.1 *Enrolment percentage*

Academic Year: 2018-2019

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	150	125	**83.33%**
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)	355
2	M. Tech	CSE, ECE, MECH,ANE	52(150)	52
3	MBA	MBA	109 (240)	109

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.

❖ Remedial classes are conducted by every department and extra classes are arranged for backlog subjects if needed. They 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
2018- 2019	4215	281	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
2018- 2019	4215	216	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. Incase 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
2018-2019	281	281

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)

2018-2019			
S.No.	Department	No.of Full time teachers with Ph.d	Total No.of Full time teachers
1	ANE	03	20
2	CSE	07	61
3	ECE	08	49
4	EEE	01	12
5	IT	03	20
6	Mech	10	44
7	MBA	07	35
8	H & S	09	40
Total		**48**	**281**

List of Faculty with PhD: Academic Year: 2018-2019

S.No	Name of Full Time Teacher	Qualification	Designation	Department
1	Dr. Venkata Swamy Naidu	Ph.D	Professor	ANE
2	Dr. Sreenadh Chevula	Ph.D	Professor	ANE
3	Dr. S. Suganya Devi	Ph.D	Professor	ANE
4	Dr.D.Sujatha	Ph.D	Professor	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. Ajeet Kumar Pandey	Ph.D	Professor	CSE
9	Dr. Venkateswara Reddy. E	Ph.D	Professor	CSE
10	Dr. R. Nidhya	Ph.D	Professor	CSE
11	Dr V Sivakumar Reddy	Ph.D	Professor & Principal	ECE
12	Dr. S. Srinivasa Rao	Ph.D	Professor & HOD	ECE
13	Dr. C. Ravishankar Reddy	Ph.D	Professor	ECE
14	Dr. Pujari Lakshmi Devi	Ph.D	Professor	ECE
15	Dr. VM Senthil Kumar	Ph.D	Assoc. Professor	ECE
16	Dr. B. .Jyothi	Ph.D	Assoc. Professor	ECE
17	Dr. Sucharitha Manikandan	Ph.D	Assoc. Professor	ECE
18	Dr. Murugesan Rajamanickam	Ph.D	Assoc. Professor	ECE
19	Dr. N. Kamalamoorthy	Ph.D	Professor	EEE
20	Dr. NS Gowri Ganesh	Ph.D	Professor	IT
21	Dr. A. Mummoorthy	Ph.D	Professor	IT
22	Dr. Roopa Chandrika R	Ph.D	Assoc. Professor	IT
23	Dr.M.Murali Krishna	Ph.D	Professor & Dean	MECH
24	Dr. P.H.V.S Talpa Sai	Ph.D	Professor & HOD	MECH
25	Dr. V.V. Prathibha Bharathi	Ph.D	Professor	MECH
26	Dr. T. Sivakumar	Ph.D	Professor	MECH
27	Dr. Potnuru Srikar	Ph.D	Assoc. Professor	MECH
28	Dr. K. Durga rao	Ph.D	Assoc. Professor	MECH
29	Dr. K. Nagaraju	Ph.D	Assoc. Professor	MECH
30	Dr. G. Thrisekhar Reddy MECH	Ph.D	Assoc. Professor	MECH
31	Dr. M. Amarnadha Reddy	Ph.D	Professor & Head	MECH
32	Dr. T. Lokeswara Rao	Ph.D	Asst. Professor	MECH
33	Dr. K V Subba Rao	Ph.D	Professor	MBA
34	Dr. P. Neeraja	Ph.D	Professor	MBA
35	Dr. Reena Modi	Ph.D	Professor	MBA
36	Dr. Ch. Yadagiri	Ph.D	Professor	MBA
37	Dr. Bhavnarayana	Ph.D	Professor	MBA

S.No	Name of Full Time Teacher	Qualification	Designation	Department
38	Dr. I J Raghavendra	Ph.D	Assoc. Professor	MBA
39	**Dr. R. Durga Prasad**	Ph.D	**Assoc. Professor**	MBA
40	Dr. K Charyulu Devarayapalli	Ph.D	Asst. Professor	H & S
41	Dr. K. Munirathnam Achari	Ph.D	Professor	H & S
42	Dr. V. Madhusudhana Reddy	Ph.D	Professor & HOD	H & S
43	Dr. Kandhagatala Ramakrishna	Ph.D	Professor	H & S
44	Dr. Neeraja Vattipally	Ph.D	Professor	H & S
45	Dr. Nirupma Singh	Ph.D	Professor	H & S
46	Dr. E. Ramanjaneyareddy	Ph.D	Assoc. Professor	H & S
47	Dr. Shekhar Patlola	Ph.D	Professor	H & S
48	Dr. E. Raja Gopal	Ph.D	Asst. 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	Designation	Department
1	Dr. Venkata Swamy Naidu	ACFPN2986F	4 Years 1 Months	Professor	ANE
2	Dr. Sreenadh Chevula	BCYPS2095E	2 Years 4 Months	Professor	ANE
3	Dr. S. Suganya Devi	DSVPS2505A	2 Years 7 Months	Professor	ANE
4	Prof. Vedantam Ravi	ADGPV4627B	3 Years 11 Months	Professor & HOD	ANE
5	MNVS Swetha bala	APFPM1885B	13 Years 10 Months	Assoc. Professor	ANE
6	D. Smitha	AMVPD0799G	12 Years 5 Months	Assoc. Professor	ANE
7	L. Sushma	ACVPL7541E	6 Years 10 Months	Assoc. Professor	ANE
8	J. Sandeep	ALHPJ9736C	8 Years 5 Months	Assoc. Professor	ANE
9	G. Sai Satyanarayana	ALDPG8208J	7 Years 10 Months	Assoc. Professor	ANE
10	M. Yugender	BCWPM3663E	3 Years 11 Months	Asst. Professor	ANE
11	G. Dheeraj Kumar	AWOPG9968P	2 Years 10 Months	Asst. Professor	ANE
12	Talari Meena	AUIPT6377M	2 Years 11 Months	Asst. Professor	ANE
13	K. Hema	APJPH3059J	2 Years 5 Months	Asst. Professor	ANE
14	Y Buggaswamy	AKZPY8248H	4 Years 5 Months	Asst. Professor	ANE
15	K. Mahesh Babu	BPJPB9567A	4 Years 1 Months	Asst. Professor	ANE
16	Ch. Tejo kamal	BFUPC6472G	3 Years 4 Months	Asst. Professor	ANE
17	P Anish	BRAPP4694K	6 Years 6 Months	Asst. Professor	ANE
18	Peddi Dilleshwara Rao	EATPP6098C	1 Years 8 Months	Asst. Professor	ANE
19	CH. Uma Bharathi	BJKPC8051R	2 Years 5 Months	Asst. Professor	ANE
20	B. Siddartha	BYQPB4651K	2 Years 5 Months	Asst. Professor	ANE
21	Dr.D.Sujatha	AFXPD6610F	3 Years 11 Months	Professor	CSE
22	Dr.G.Sharada	AFSPG4422P	2 Years 9 Months	Professor	CSE
23	Dr.S.Shanthi	AXTPM3184D	2 Years 11 Months	Professor	CSE
24	Dr. V. Chandrasekhar	AKSPC7944F	2 Years 4 Months	Professor	CSE
25	Dr. Ajeet Kumar Pandey	ARAPK4328A	7 Years 1 Months	Professor	CSE

S.No	Name of Full Time Teacher	PAN Number	Total Years of Experience in	Designation	Department
26	Dr. Venkateswara Reddy. E	AAKPE7111L	1 Years 4 Months	Professor	CSE
27	Dr. R. Nidhya	AKAPN9801A	1 Years 4 Months	Professor	CSE
28	Madadi Vijaya Kamal	AKUPM5696C	3 Years 4 Months	Assoc. Professor	CSE
29	P Bikshapathy	AJCPB9718K	4 Years 1 Months	Assoc. Professor	CSE
30	Ajai Kumar Rai	AAAPR0818B	7 Years 4 Months	Assoc. Professor	CSE
31	A. Syam Prasad	AKVPA5049A	10 Years 11 Months	Assoc. Professor	CSE
32	K. Srinivasa Rao	BFZPK9690D	5 Years 10 Months	Assoc. Professor	CSE
33	G. Ravi	APVPG7804C	10 Years 8 Months	Assoc. Professor	CSE
34	M. Gayatri	AXFPM4736P	6 Years 11 Months	Assoc. Professor	CSE
35	D. Radha	AJVPR1032R	11 Years 11 Months	Assoc. Professor	CSE
36	D . Chandrasekhar Reddy	ANYPD3464E	3 Years 10 Months	Assoc. Professor	CSE
37	M. Jayapal	ARWPM2290B	6 Years 10 Months	Assoc. Professor	CSE
38	K. Srikanth	BGSPK9315H	10 Years 10 Months	Assoc. Professor	CSE
39	P. Dileep	APWPP3390K	3 Years 10 Months	Assoc. Professor	CSE
40	M. Sandeep	BCDPM2325N	8 Years 10 Months	Assoc. Professor	CSE
41	M. Sambasivudu	DGZPS5002Q	6 Years 10 Months	Asst. Professor	CSE
42	Manoj Kumar Gottimukkula	BCPPG3724F	7 Years 10 Months	Asst. Professor	CSE
43	J Arthi Jaya Kumari	ANKPA9851G	4 Years 10 Months	Asst. Professor	CSE
44	M. Venu	ASRPM9064B	5 Years 10 Months	Asst. Professor	CSE
45	Y Dileep Babu	ACVPY5285C	4 Years 11 Months	Asst. Professor	CSE
46	S. Vishwanath Reddy	APEPV8963J	4 Years 10 Months	Asst. Professor	CSE
47	V. Suneetha	AMYPV0563B	6 Years 10 Months	Asst. Professor	CSE
48	P. Honey Diana	BKGPP3161G	2 Years 10 Months	Asst. Professor	CSE
49	R. Sujatha	EIZPS1938C	2 Years 10 Months	Asst. Professor	CSE
50	N. Siva Kumar	CBJPS3675M	4 Years 1 Months	Asst. Professor	CSE
51	T. Jagadeesh Kumar	ARIPT4787G	4 Years 1 Months	Asst. Professor	CSE
52	Praveen SR Konduri	BRGPK4469K	2 Years 11 Months	Asst. Professor	CSE
53	Mahendar Jinukala	AOJPJ1434Q	4 Years 1 Months	Asst. Professor	CSE
54	Nerella Vivek	AKZPN2882L	2 Years 4 Months	Asst. Professor	CSE
55	Shiva Kumar Talathai	AMNPT9998B	2 Years 4 Months	Asst. Professor	CSE
56	W. Nirmala	AUTPM7422K	1 Years 9 Months	Asst. Professor	CSE
57	K Ranjitha	AROPK3013E	1 Years 7 Months	Asst. Professor	CSE
58	P. Soujanya	AXPPP9586N	2 Years 11 Months	Asst. Professor	CSE
59	S J Shruthi Rani Yadav	FNUPS9659R	2 Years 5 Months	Asst. Professor	CSE
60	Shakuntala Shirisha	CWIPS4346B	2 Years 11 Months	Asst. Professor	CSE
61	Kolapuram Mamatha	DWVPK5757C	3 Years 4 Months	Asst. Professor	CSE
62	Velichety Alekhya	BCGPV6774H	2 Years 5 Months	Asst. Professor	CSE
63	Amrutha Mary	BZHPM2542J	2 Years 5 Months	Asst. Professor	CSE
64	Gorantla Shamini	BUTPG5430L	2 Years 5 Months	Asst. Professor	CSE
65	Indumadhavi Gubbala	BDSPG2465D	3 Years 3 Months	Asst. Professor	CSE
66	B Durga Rao	CEQPB8240B	3 Years 4 Months	Asst. Professor	CSE

S.No	Name of Full Time Teacher	PAN Number	Total Years of Experience in	Designation	Department
67	Shanker Janak Yadav Karthik Deep	EQSPS9514M	3 Years 2 Months	Asst. Professor	CSE
68	K. Sudhakar Reddy	CRBPS6537C	9 Years 7 Months	Asst. Professor	CSE
69	A. Naveen Kumar	BURPA4219B	2 Years 11 Months	Asst. Professor	CSE
70	Kaleru Himabindu	CDZPK3996B	4 Years 1 Months	Asst. Professor	CSE
71	Kalpana Devineni	BOMPK1260D	9 Years 7 Months	Asst. Professor	CSE
72	K. Siva Nagamani	BNFPK4761F	5 Years 4 Months	Asst. Professor	CSE
73	M. Naresh	AYFPN0557N	1Year 6 Months	Asst. Professor	CSE
74	Ch. Naveen Kumar Reddy	ALVPC2285R	2 Years 3 Months	Asst. Professor	CSE
75	Abdul Saleem L	ACQPL3746A	3 years 2 months	Asst. Professor	CSE
76	K. M. Rayudu	ATMPK1589K	3 Years 11 Months	Asst. Professor	CSE
77	M. Sirisha	AOXPM1462M	2 years 3 months	Asst. Professor	CSE
78	Ravi Kiran K	CJTPK7773A	1 years 4 months	Asst. Professor	CSE
79	Muga Supraja	DDTPM8475A	1 years 9 months	Asst. Professor	CSE
80	Gummagatta Vaibhavi	AOVPV0864N	1 years 10 months	Asst. Professor	CSE
81	Preetha Warrier	AARPW7712Q	1 years 10 months	Asst. Professor	CSE
82	Dr. V.Sivakumar Reddy	ACGPV1679N	9 Years 9 Months	Professor & Principal	ECE
83	Prof. P. Sanjeeva Reddy	ADYPP7709A	12 Years 8 Months	Professor	ECE
84	Dr. S. Srinivasa Rao	ARWPS7682K	5 Years 9 Months	Professor& HOD	ECE
85	Dr. C. Ravishankar Reddy	BWYPR4083D	2 Years 4 Months	Professor	ECE
86	Dr. Pujari Lakshmi Devi	AMUPP2382G	1 Years 6 Months	Professor	ECE
87	Dr. VM Senthil Kumar	BMFPS4203M	1 Years 4 Months	Assoc. Professor	ECE
88	Dr. B. .Jyothi	ALLPB5452D	11 Years 8 Months	Assoc. Professor	ECE
89	Dr. Sucharitha Manikandan	BYMPS6225C	1 Years 3 Months	Assoc. Professor	ECE
90	Dr. Murugesan Rajamanickam	AXJPM3159J	1 Years 3 Months	Assoc. Professor	ECE
91	K.Murali Krishna	AGIPK2966M	8 Years 4 Months	Assoc. Professor	ECE
92	K. Mallikarjuna Lingam	AEOPL5051N	6 Years 11 Months	Assoc. Professor	ECE
93	G. Srinivasa Naveen Kumar	AMEPG9046Q	10 Years 6 Months	Assoc. Professor	ECE
94	V.Kiran Kumar	AFUPV2026C	13 Years 6 Months	Assoc. Professor	ECE
95	M. Ramanjaneyulu	AIGPM0730R	5 Years 10 Months	Assoc. Professor	ECE
96	M.Arun Kumar	APEPM9843E	8 Years 10 Months	Assoc. Professor	ECE
97	M. Sreedhar Reddy	AQPPR6158R	10 Years 6 Months	Assoc. Professor	ECE
98	P. Anitha	BIGPP8737A	8 Years 10 Months	Assoc. Professor	ECE
99	P. Swetha	BMQPP0293M	8 Years 6 Months	Assoc. Professor	ECE
100	K.Suresh	CYQPS3822N	8 Years 10 Months	Asst. Professor	ECE
101	D.Asha	ATAPD1372R	9 Years 5 Months	Asst. Professor	ECE
102	M. Anusha	ASWPM6305N	7 Years 10 Months	Asst. Professor	ECE
103	N. Saritha	AIJPN2663F	10 Years 11 Months	Asst. Professor	ECE
104	T. Vinaysimha Reddy	AFUPT9319Q	5 Years 10 Months	Asst. Professor	ECE
105	Renju Panicker	AVNPP9911H	5 Years 11 Months	Asst. Professor	ECE
106	K. Deavaki Krishna Ajay	BSYPK4036M	6 Years 6 Months	Asst. Professor	ECE

S.No	Name of Full Time Teacher	PAN Number	Total Years of Experience in	Designation	Department
107	R. Chinna Rao	AICPR8197B	4 Years 7 Months	Asst. Professor	ECE
108	V. Shiva Raja Kumar	APSPV6856N	5 Years 11 Months	Asst. Professor	ECE
109	E. Mahender Reddy	ABHPE9262A	3 Years 11 Months	Asst. Professor	ECE
110	CH. Kiran Kumar	AQGPC0961Q	4 Years 10 Months	Asst. Professor	ECE
111	Srinivas Tallasila	ARMPT6909Q	3 Years 10 Months	Asst. Professor	ECE
112	Ch. Srinivasulu	AKDPC0476B	4 Years 1 Months	Asst. Professor	ECE
113	Ramagiri Kiran	AOGPR0309K	4 Years 1 Months	Asst. Professor	ECE
114	Maram Anantha Gupta	BJDPG2374N	2 Years 11 Months	Asst. Professor	ECE
115	K.L. Narasimha Prasad	AFEPN3939A	2 Years 10 Months	Asst. Professor	ECE
116	Syed Abdul Rahman	BMAPR5137A	4 Years 1 Months	Asst. Professor	ECE
117	Kotha Swathi	BAQPK5732G	5 Years 4 Months	Asst. Professor	ECE
118	G. Vaidehi	AGTPG0136G	2 Years 11 Months	Asst. Professor	ECE
119	M. Himabindu	BHHPM0101R	3 Years 4 Months	Asst. Professor	ECE
120	Bommagani Srujana	CPGPB7660Q	2 Years 5 Months	Asst. Professor	ECE
121	G. Anusha	BSFPG7011K	2 Years 5 Months	Asst. Professor	ECE
122	D. Kavitha	BFQPD9732J	2 Years 4 Months	Asst. Professor	ECE
123	M. Nagma	CYYPM1401K	2 Years 3 Months	Asst. Professor	ECE
124	K. Bhavana	COAPK6993N	2 Years 3 Months	Asst. Professor	ECE
125	S. Rajani	DXTPS1091A	3 Years 4 Months	Asst. Professor	ECE
126	Maheshwari	BBWPM5269B	3 Years 4 Months	Asst. Professor	ECE
127	K. Tejaswe	BGZPK2648N	3 Years 11 Months	Asst. Professor	ECE
128	M. Lavanya	CLGPM8477C	9 Years 5 Months	Asst. Professor	ECE
129	S. Srikanya	HIPPS6297P	2 Years 5 Months	Asst. Professor	ECE
130	N. Subash	AQLPN8438Q	1 Years 11 months	Asst. Professor	ECE
131	Dr. N. Kamalamoorthy	BAEPK0104L	1 Years 3 Months	Professor	EEE
132	N. Ramesh	ARTPN9661L	3 Years 11 Months	Asst. Professor	EEE
133	G. Shekar Babu	BIJPG3214L	3 Years 11 Months	Asst. Professor	EEE
134	B. Srinivasa Rao	BHZPB8222N	3 Years 11 Months	Asst. Professor	EEE
135	Prof. K. Subhas	ADAPK6105H	4 Years 1 Months	Professor& HOD	EEE
136	O. Saidulu Reddy	AARPO3199B	4 Years 11 Months	Asst. Professor	EEE
137	Pathuri Raji Reddy	BMLPP1848M	7 Years 10 Months	Asst. Professor	EEE
138	Lokeshwari Vuda	AWAPV5850D	3 Years 4 Months	Asst. Professor	EEE
139	S. Rakesh	BZIPS2958D	1 Years 10 Months	Asst. Professor	EEE
140	Chandrika	CHQPG1358E	1 Years 4 Months	Asst. Professor	EEE
141	P. Suman	BVKPP1356E	2 Years 5 Months	Asst. Professor	EEE
142	Baggam Swathi	DHLPB7100M	1 Years 11 months	Asst. Professor	EEE
143	Prof. K. Kailasa Rao	AHXPK3007D	11 Years 10 Months	Professor	IT
144	Dr. NS Gowri Ganesh	AHTPG3790R	2 Years 4 Months	Professor	IT
145	Dr. A. Mummoorthy	BHWPM6810L	2 Years 0 Months	Professor	IT
146	Dr. Roopa Chandrika R	AHJPR5319K	1 Years 4 Months	Assoc. Professor	IT
147	J. Suneetha	BPPPS2893A	10 Years 11 Months	Assoc. Professor	IT
148	P. Srinivasa Rao	BQHPS4513E	8 Years 10 Months	Assoc. Professor	IT
149	M. Vazralu	AEEPV3155K	7 Years 10 Months	Assoc. Professor	IT

S.No	Name of Full Time Teacher	PAN Number	Total Years of Experience in	Designation	Department
150	Novy Jacob	ATQPJ5787L	4 Years 11 Months	Asst. Professor	IT
151	K. Swetha	BPSPK8576D	6 Years 10 Months	Asst. Professor	IT
152	A. Yogananda	ARHPA7580M	4 Years 11 Months	Asst. Professor	IT
153	P. Hari Krishna	BIUPP5666E	6 Years 10 Months	Asst. Professor	IT
154	Srilakshmi Konduri	AYFPK5142C	5 Years 8 Months	Asst. Professor	IT
155	Kavitha Madas	AUXPM8409J	4 Years 1 Months	Asst. Professor	IT
156	A. Bichamma	BJIPA0198R	2 Years 4 Months	Asst. Professor	IT
157	B. Mahendar Reddy	CDMPB4957J	3 Years 11 Months	Asst. Professor	IT
158	Shatharaju Thirupathi	GYWPS6287K	2 Years 4 Months	Asst. Professor	IT
159	B Bhasker	BSFPB3300N	4 Years 1 Months	Asst. Professor	IT
160	Swathi Tamma	AJYPT8917C	3 Years 4 Months	Asst. Professor	IT
161	G. Sarabha Reddy	AOSPG4004N	5 Years 1 Months	Asst. Professor	IT
162	T. Kumar Raja	CPRPK1448A	1 year 0 months	Asst. Professor	IT
163	Dr.M.Murali Krishna	ATBPM7478C	2 Years 5 Months	Professor& Dean	MECH
164	Dr. P.H.V.S Talpa Sai	ADYPP7698A	4 Years 10 Months	Professor& HOD	MECH
165	Dr. V.V. Prathibha Bharathi	AYRPB5755E	1 Years 7 Months	Professor	MECH
166	Dr. T. Sivakumar	BGIPS6130G	1 Years 4 Months	Professor	MECH
167	Dr. Potnuru Srikar	BAQPP9984H	2 Years 4 Months	Assoc. Professor	MECH
168	Dr. K. Durga rao	BQDPk7891P	8 Years 10 Months	Assoc. Professor	MECH
169	Dr. K. Nagaraju	ALJPN0546J	1 Years 6 Months	Assoc. Professor	MECH
170	Vangala Srinivas Reddy	AANPV3597J	8 Years 10 Months	Assoc. Professor	MECH
171	Mangeelal Dharavath	AGWPD9566G	4 Years 5 Months	Assoc. Professor	MECH
172	Desu Damodara Reddy	AEWPR4293Q	5 Years 11 Months	Assoc. Professor	MECH
173	Yangaladasu Dilip Kumar	AVDPD3714C	5 Years 10 Months	Assoc. Professor	MECH
174	Katravath Bicha	BTZPK9618M	6 Years 10 Months	Assoc. Professor	MECH
175	I. Ramakrishnudu	AATPI8363F	4 Years 11 Months	Assoc. Professor	MECH
176	Borukati Sandhya Rani	CLVPS0119Q	1 Years 10 Months	Assoc. Professor	MECH
177	Somanagouda Biradar	BSMPB0445F	3 Years 5 Months	Asst. Professor	MECH
178	Chamala Daksheeswara Reddy	BFXPR8967J	4 Years 10 Months	Asst. Professor	MECH
179	M L R Chaitanya Lahari	CSBPM7232B	4 Years 4 Months	Asst. Professor	MECH
180	Misba Mehdi	AUJPM0611Q	6 Years 10 Months	Asst. Professor	MECH
181	Haseena Bee	BXBPP4435M	6 Years 10 Months	Asst. Professor	MECH
182	Venkata Subbarao Dantam	AKXPD2175N	4 Years 10 Months	Asst. Professor	MECH
183	Mahendra Bommaji	CBPPM2950R	4 Years 1 Months	Asst. Professor	MECH
184	Ratnakumar Gummadi	AYTPG8002H	4 Years 1 Months	Asst. Professor	MECH
185	N. Anupama Sai Priya	BXRPS1131H	3 Years 4 Months	Asst. Professor	MECH
186	D. Prasuna Lilly Florence	AMBPD8233H	6 Years 10 Months	Asst. Professor	MECH
187	Akhila Kakera	CJIPK5449Q	4 Years 6 Months	Asst. Professor	MECH
188	Settem Lakshmi Nitheesha	HEIPS2099L	2 Years 4 Months	Asst. Professor	MECH
189	Vivekananda Soma	DBYPS2949E	5 Years 5 Months	Asst. Professor	MECH
190	Akarapu Sridhar	CLOPS5012F	1 Years 10 Months	Asst. Professor	MECH
191	Mahantesh Katagi	DGOPK3266B	1 Years 6 Months	Asst. Professor	MECH

S.No	Name of Full Time Teacher	PAN Number	Total Years of Experience in	Designation	Department
192	Konda Saidulu	DWVPK9311R	1 Years 6 Months	Asst. Professor	MECH
193	S. Shailesh babu	BPAPS3946H	7 Years 8 Months	Asst. Professor	MECH
194	Vennam Gopala Krishna	ANXPV2096F	3 Years 4 Months	Asst. Professor	MECH
195	Bontha Vijayalakshmi	AMYPB7801J	3 Years 4 Months	Asst. Professor	MECH
196	Kolimi Bharath Bhushan Reddy	BOKPK0997P	3 Years 3 Months	Asst. Professor	MECH
197	Y Alluri Indraja	ACHPI2841L	3 Years 4 Months	Asst. Professor	MECH
198	Makena Harish	CEJPM3335R	1 Years 4 Months	Asst. Professor	MECH
199	Mugulutla Sai Ram	BTFPM5293L	2 Years 4 Months	Asst. Professor	MECH
200	V.Nikhitha	AWYPV7690P	2 Years 4 Months	Asst. Professor	MECH
201	Sruthi Srinivasan	DXVPS2839J	1 Years 7 Months	Asst. Professor	MECH
202	Kotapati Venkata Ramana	BZTPK6116N	3 Years 4 Months	Asst. Professor	MECH
203	Dr. G. Thrisekhar Reddy MECH	BRAPG1106M	1 years 8 months	Assoc. Professor	MECH
204	Dr. M. Amarnadha Reddy	AMCPM9207H	8 years 11 months	Professor & Head	MECH l
205	Dr. T. Lokeswara Rao	AFEPT8877M	1 years 11 months	Asst. Professor	MECH
206	Boddepalli Rajesh Kumar	AUUPB5106A	1 year 0 months	Asst. Professor	MECH
207	G. Naveen Kumar	AHOPG0877G	12 Years 8 Months	Assoc. Professor & HOD	MBA
208	Dr. K V Subba Rao	CIQPK9936F	2 Years 5 Months	Professor	MBA
209	Dr. P. Neeraja	CDWPP6108F	2 Years 4 Months	Professor	MBA
210	Dr. Reena Modi	BVFPM0063A	2 Years 3 Months	Professor	MBA
211	Dr. Ch. Yadagiri	AGPPC5796E	1 Years 6 Months	Professor	MBA
212	Dr. Bhavnarayana	AJPPK3473P	1 Years 4 Months	Professor	MBA
213	Dr. I J Raghavendra	ACDPI5439E	6 Years 10 Months	Assoc. Professor	MBA
214	T. Satish Kumar	ADDPT2984N	12 Years 10 Months	Assoc. Professor	MBA
215	G. Archana	ARJPG0132D	12 Years 4 Months	Assoc. Professor	MBA
216	K. Shashikanth	ANCPK5557B	2 Years 8 Months	Assoc. Professor	MBA
217	NNK Sandilya	AGNPN6915G	4 Years 11 Months	Assoc. Professor	MBA
218	M. Vijayalakshmi	AICPM4040L	2 Years 10 Months	Assoc. Professor	MBA
219	K. Sudheer	BMAPK8425L	9 Years 9 Months	Asst. Professor	MBA
220	**P. Samyukta**	**AUVPP6111C**	6 Years 11 Months	**Asst. Professor**	**MBA**
221	ML Himaja	ANMPM3719K	4 Years 4 Months	Asst. Professor	MBA
222	N.Durga Bhavani	AJXPN2360C	3 Years 11 Months	Asst. Professor	MBA
223	N. Rajesh Babu	AHGPN4803P	4 Years 11 Months	Asst. Professor	MBA
224	V. Hari Krishna	ANHPV2249L	4 Years 7 Months	Asst. Professor	MBA
225	Nanda Kishore	BAWPM8067L	3 Years 11 Months	Asst. Professor	MBA
226	Ayanala Lakshmi	ARRPA4600Q	1 Years 7 Months	Asst. Professor	MBA
227	Mittakola Sunitha	ATRPB2246B	1 Years 6 Months	Asst. Professor	MBA
228	A Mohan Kumar	ATDPA8185G	1 Years 6 Months	Asst. Professor	MBA
229	G. Latha	DIEPS3694P	2 Years 5 Months	Asst. Professor	MBA
230	G. Prashanth	AKHPG9568L	2 Years 5 Months	Asst. Professor	MBA

S.No	Name of Full Time Teacher	PAN Number	Total Years of Experience in	Designation	Department
231	M. Srinivas	BAPPM3019K	4 Years 10 Months	Asst. Professor	MBA
232	Safiya Begum	CJYPB0693P	2 Years 5 Months	Asst. Professor	MBA
233	Saleem Javeed Ali	CHQPM8904E	2 Years 5 Months	Asst. Professor	MBA
234	Shalini Battula	AVEPB2170R	2 Years 10 Months	Asst. Professor	MBA
235	B. Rajitha	COAPB1740L	2 Years 5 Months	Asst. Professor	MBA
236	K. Sandhya Rani	DMAPS5590G	2 Years 11 Months	Asst. Professor	MBA
237	G. Meenu Deepika	CEVPD5465D	2 Years 4 Months	Asst. Professor	MBA
238	Raju Rathipelli	AOIPR8968Q	2 Years 11 Months	Asst. Professor	MBA
239	Naresh Dumpala Srinivas	BJFPD5114F	2 Years 4 Months	Asst. Professor	MBA
240	Maheshwari Purra	BBYPM9616C	4 Years 1 Months	Asst. Professor	MBA
241	Dr. R. Durga Prasad	AMUPR2460F	1 years 10 months	Assoc. Professor	MBA
242	Dr. K Charyulu Devarayapalli	AQCPD8656P	4 Years 5 Months	Asst. Professor	H&S
243	B Vasantha	BBQPV5107F	2 Years 4 Months	Asst. Professor	H&S
244	Mohita Aminha	AGYPC5608C	4 Years 10 Months	Asst. Professor	H&S
245	Dr. K. Munirathnam Achari	ADFPK4712K	10 Years 8 Months	Professor	H&S
246	Dr. V. Madhusudhana Reddy	ADAPV6965C	8 Years 8 Months	Professor & HOD	H&S
247	Dr. Kandhagatala Ramakrishna	AUCPK3642A	14 Years 8 Months	Professor	H&S
248	Vuthaluru Srinivas Rao	CJHPS8339A	5 Years 8 Months	Assoc. Professor	H&S
249	Archanadevi Annapuram	AXIPA7668M	5 Years 8 Months	Asst. Professor	H&S
250	Narendra Kesana	CPRPK2510K	2 Years 9 Months	Asst. Professor	H&S
251	Marri Swathi	BEVPM8302Q	1 Years 10 Months	Asst. Professor	H&S
252	V Ramu	AGQPV6136N	2 Years 4 Months	Asst. Professor	H&S
253	Dr. Neeraja Vattipally	AGSPV3994L	8 Years 4 Months	Professor	H&S
254	Dr. Nirupma Singh	ACTPL8548B	1 Years 10 Months	Professor	H&S
255	Dr. E. Ramanjaneyareddy	ABLPE3887D	2 Years 10 Months	Assoc. Professor	H&S
256	Rajitha Donthula	AYLPD8932D	2 Years 4 Months	Asst. Professor	H&S
257	Chandrasekhar Somsole	DXMPS4805P	5 Years 9 Months	Asst. Professor	H&S
258	Siva Naga Raju Gorantla	AVJPG2644N	2 Years 5 Months	Asst. Professor	H&S
259	P Naresh	CLKPP3911J	2 Years 5 Months	Asst. Professor	H&S
260	Hasina Khanam	CKTPP8431K	2 Years 5 Months	Asst. Professor	H&S
261	Dr. Shekhar Patlola	ARPPP6982J	5 Years 8 Months	Professor	H&S
262	K. Rajeshwar Reddy	ANUPR7380M	10 Years 11 Months	Assoc. Professor	H&S
263	Naredla Bhaskar Reddy	ALFPN4767M	5 Years 8 Months	Asst. Professor	H&S
264	Shailaja Papishetty	AIOPG2393J	6 Years 9 Months	Assoc. Professor	H&S
265	Thatiguntla Anithakumari	AGAPT0412B	5 Years 8 Months	Asst. Professor	H&S
266	Gobburi Rekha	AQAPG2350F	5 Years 10 Months	Asst. Professor	H&S
267	L. Venkat Reddy	ADXPL3110A	6 Years 8 Months	Asst. Professor	H&S
268	Harika Bhurgula	CDPPB5161D	3 Years 10 Months	Asst. Professor	H&S
269	M. Srilakshmi Ratnam	AQWPM5429K	9 Years 7 Months	Assoc. Professor	H&S
270	Rajitha Pazavara	ASKPP0943M	3 Years 4 Months	Assoc. Professor	H&S

S.No	Name of Full Time Teacher	PAN Number	Total Years of Experience in	Designation	Department
271	Caroline Saginala	DKWPS0193H	6 Years 9 Months	Asst. Professor	H&S
272	V. Anuradha	ANNPV6605L	1 Years 10 Months	Asst. Professor	H&S
273	Mekala Sharath Kumar	BLEPM6971J	3 Years 4 Months	Asst. Professor	H&S
274	G. Victor Emmanuel Raju	BBKPG5229F	3 Years 4 Months	Asst. Professor	H&S
275	K S Rajashri	AQPPR8337L	2 Years 5 Months	Asst. Professor	H&S
276	K Ramya	AQPPR0547L	2 Years 5 Months	Asst. Professor	H&S
277	Smitha Chandran	AZQPC9129B	1 Years 9 Months	Asst. Professor	H&S
278	Reddy Podu Rajasekar	BZGPR2145J	4 Years 8 Months	Asst. Professor	H&S
279	Bandi Rajeshwar Reddy	AMMPB6793R	4 Years 1 Months	Asst. Professor	H&S
280	Dr. E. Raja Gopal	AAQPE7386K	14 Years 8 Months	Asst. Professor	H&S
281	C. Bhaskar Reddy	AIKPC7310B	5 Years 11 Months	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/ yearwise
- Last date of the last semester-end/ year- endexamination
- Date of declaration of results of semester-end/ year- end examination
- Number of days taken for declaration ofresults
- Number of days for declaration of results during theyear

Academic Year: 2018-2019

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	04/05/2019	22/05/2019	18
2	B. Tech	I/I	08/12/2018	22/12/2018	14
3	B. Tech	II/II	06/05/2019	20/05/2019	14
4	B. Tech	I//II	22/11/2018	4/12//2018	12
5	B. Tech	II/III	07/05/2019	20/05/2019	13
6	B. Tech	I/III	20/11/2018	4/12//2018	14
7	B. Tech	II/IV	26/04/2019	10/05/2019	14
8	B. Tech	I/IV	22/11/2018	4/12//2018	12
9	MBA	I/I	07/01/2019	20/01/2019	13
10	MBA	II/I	08/08/2018	20/08/2018	12
11	MBA	I//II	05/01/2019	20/01/2019	15
12	M. Tech	II/I	01/08/2018	16/08/2018	15
13	M. Tech	I/I	02/01/2019	20/01/2019	18

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
2018-2019	162	4151

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 fromGlossary)

PROGRAM OUTCOMES (POs)
Engineering Graduates will be able to:
1. Engineering knowledge: Apply the knowledge of mathematics, science, engineeringfundamentals, and an engineering specialization to the solution of complex engineeringproblems.
2. Problem analysis: Identify, formulate, review research literature, and analyze complexengineering problems reaching substantiated conclusions using first principles ofmathematics, natural sciences, and engineering sciences.
3. Design / development of solutions: Design solutions for complex engineering problems anddesign system components or processes that meet the specified needs with appropriateconsideration for the public health and safety, and the cultural, societal, and environmentalconsiderations.
4. Conduct investigations of complex problems: Use research-based knowledge and researchmethods including design of experiments, analysis and interpretation of data, and synthesisof the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modernengineering and IT tools including prediction and modeling to complex engineering activitieswith an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assesssocietal, health, safety, legal and cultural issues and the consequent responsibilities relevantto the professional engineering practice.
7. Environment and sustainability: Understand the impact of the professional engineeringsolutions in societal and environmental contexts, and demonstrate the knowledge of, andneed for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities andnorms of the engineering practice.
9. Individual and team work: Function effectively as an individual, and as a member or leaderin diverse teams, and in multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with theengineering community and with society at large, such as, being able to comprehend andwrite effective reports and design documentation, make effective presentations, and giveand receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of theengineering and management principles and apply these to one's own work, as a memberand 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 engagein 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 IIA)

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 attaiment 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: 2018-2019

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	132	75
ECE-04	B. Tech	Electronics& Communication Engineering	262	250	95
CSE-05	B. Tech	Computer Science Engineering	225	211	93
IT-12	B. Tech	Information Technology	55	46	83
AERO-21	B. Tech	Aeronautical Engineering	54	44	81
M.TECH -15	M. Tech	Machine Design	14	13	92
M.TECH -21	M. Tech	Thermal Engineering	08	08	100
M.TECH -68	M. Tech	VLSI	18	17	94
M.TECH -58	M. Tech	Computer Science Engineering	30	30	100
M.TECH -76	M. Tech	Aerospace	22	22	100
MBA-1E	MBA	Management of Business Administration	111	111	100

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 Student Satisfaction Survey form is enclosed as Annexure II B