

## Criterion II – Teaching-Learning and Evaluation

### 2.1 Student Enrolment and Profile

#### 2.1.1 Enrolment percentage

Academic Year: 2017-2018

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	960	960	100%
2	M. Tech	CSE, ECE, MECH	126	111	88.09%
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, AERO	336(960)	336
2	M. Tech	CSE, ECE, MECH	44(126)	44
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
2017- 2018	4200	280	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
2017- 2018	4200	215	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
2017-2018	280	280

### 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)

2017-2018			
S.No.	Department	No.of Full time teachers with Ph.d	Total No.of Full time teachers
1	ANE	03	24
2	CSE	07	61
3	ECE	07	63
4	IT	02	12
5	Mech	07	41
6	MBA	06	37
7	H & S	05	36
8	Mining	02	06
<b>Total</b>		<b>39</b>	<b>280</b>

### List of Faculty with Ph.D: Academic Year : 2017-2018

S.No	Name of Full Time Teacher	Qualification	Designation	Department
1.	Dr. Venkata Swamy Naidu	Ph.D	Professor	ANE
2.	Dr. CH. Sreenadh	Ph.D	Professor	ANE
3.	Dr. S. Suganya Devi	Ph.D	Professor	ANE
4.	Dr.D.Sujatha	Ph.D	Professor	CSE
5.	Dr. V. Chandrasekhar	Ph.D	Professor	CSE
6.	Dr. Ajeet Kumar Pandey	Ph.D	Professor	CSE
7.	Dr.S.Shanthi	Ph.D	Professor	CSE
8.	Dr.G.Sharada	Ph.D	Professor	CSE
9.	Dr. Indira Priyadarshini	Ph.D	Professor	CSE
10.	Dr. K. Palani	Ph.D	Professor	CSE
11.	Dr. VSK Reddy	Ph.D	Professor & Principal	ECE
12.	Dr. S. Srinivasa Rao	Ph.D	Professor	ECE
13.	Dr. M. Parisa Beham	<b>Ph.D</b>	Professor	ECE
14.	Dr. Padma Priya Ram Kumar	Ph.D	Professor	ECE
15.	Dr. A. Subha Kumar Reddy	Ph.D	Professor	ECE
16.	Dr. Vinod Kumar	Ph.D	Professor	ECE
17.	Dr. C. Ravishankar Reddy	Ph.D	Professor	ECE
18.	Dr. NS Gowri Ganesh	Ph.D	Professor	IT
19.	Prof. K Kailasa Rao	Ph.D	Professor	IT
20.	Dr.M.Murali Krishna	Ph.D	Professor	MECH
21.	Dr. P.H.V.S Talpa Sai	Ph.D	Professor/Head	MECH
22.	Dr.S.Deva Prasad	Ph.D	Professor	MECH
23.	Dr. Potnuru Srikar	Ph.D	Professor	MECH
24.	Dr. Gnana Sagaya Raj A	Ph.D	Professor	MECH
25.	Dr. P. Nagasankar	Ph.D	Professor	MECH
26.	Dr. Narayanappa Krishnamurthy	Ph.D	Professor	MECH
27.	Dr.V.Pandurangaiah	Ph.D	Professor	MBA
28.	Dr. K V Subba Rao	Ph.D	Professor	MBA
29.	Dr P Neeraja	Ph.D	Professor	MBA
30.	Dr. Yelamanchili Rama Krishna	Ph.D	Professor	MBA
31.	Dr. Reena Modi	Ph.D	Professor	MBA
32.	Dr. IJ.Raghavendra	Ph.D	Professor	MBA
33.	Dr. V. Madhusudhana Reddy	Ph.D	Professor/Head	H&S
34.	Dr. K.Munirathnam Achari	Ph.D	Professor	H&S
35.	Dr. Neeraja Vattipally	Ph.D	Professor	H&S
36.	Dr. Kandhagatala Ramakrishna	Ph.D	Professor	H&S
37.	Dr. Shekhar Patlola	Ph.D	Professor	H&S
38.	DR. G Dasharatha Reddy	Ph.D	Asst.Professor	Mining
39.	DR. Aedudodla C Ram Reddy	Ph.D	Asst.Professor	Mining

### 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. Venkata Swamy Naidu	ACFPN2986F	6 years,5 months	Professor	ANE
2.	Dr. CH. Sreenadh	BCYPS2095E	1 year,4 months	Professor	ANE
3.	Dr. S. Suganya Devi	DSVPS2505A	1 year,7 months	Professor	ANE
4.	Prof. T.B.S Rao	CCCPB1138G	4 years,10 months	Professor	ANE
5.	A.G. Sarwade	AAOPA8451D	10 years,11 months	Assoc.Prof	ANE
6.	Prof V Ravi	ADGPV4627B	2 years,11 months	Professor	ANE
7.	K. Durga rao	BQDPk7891P	7 years,10 months	Assoc.Prof	ANE
8.	MNVS Swetha bala	APFPM1885B	12 years,10 months	Assoc.Prof	ANE
9.	D.Smitha	AMVPD0799G	11 years,5 months	Assoc.Prof	ANE
10.	I. Ramakrishnudu	AATP18363F	3 years,11 months	Asst.prof	ANE
11.	L. Sushma	ACVPL7541E	7 years,5 months	Asst.prof	ANE
12.	J. Sandeep	ALHPJ9736C	7 years,5 months	Asst.prof	ANE
13.	S. Shailesh babu	BPAPS3946H	6 years,8 months	Asst.prof	ANE
14.	G. Sai Satyanarayana	ALDPG8208J	6 years,10 months	Asst.prof	ANE
15.	M. Yugender	BCWPM3663E	2 years,11 months	Asst.prof	ANE
16.	G. Dheeraj	AWOPG9968P	1 year,10 months	Asst.prof	ANE
17.	T. Meena	AUIPT6377M	1 year,11 months	Asst.prof	ANE
18.	Sana Kasuer	CMRPK4120J	1 year,11 months	Asst.prof	ANE
19.	K. Mahesh Babu	BPJPB9567A	3 years,1 month	Asst.prof	ANE
20.	Ch. Tejo kamal	BFUPC6472G	2 years,4 months	Asst.prof	ANE
21.	P Anish	BRAPP4694K	5 years,6 months	Asst.prof	ANE
22.	Ch Vinay Meher	ARQPC6346J	2 years,4 months	Asst.prof	ANE
23.	BN Saritha	BJGPB1263E	4 years,5 months	Asst.prof	ANE
24.	Shaik Afzal Sultana	FINPS5010L	3 years,4 months	Asst.prof	ANE
25.	Dr.D.Sujatha	AFXPD6610F	2 years,11 months	Professor	CSE
26.	Dr. V. Chandrasekhar	AKSPC7944F	1 year,4 months	Professor	CSE
27.	Dr. Ajeet Kumar Pandey	ARAPK4328A	6 years,1 month	Professor	CSE
28.	Dr.S.Shanthi	AXTPM3184D	1 year,11 months	Professor	CSE
29.	Dr.G.Sharada	AFSPG4422P	1 year,9 months	Professor	CSE
30.	Dr. Indira Priyadarshini	AAVPI4623A	2 years,0 month	Professor	CSE
31.	Dr. K. Palani	AVEPP9861F	1 year,4 months	Professor	CSE
32.	M V Kamal	AKUPM5696C	2 years,4 months	Asst.prof	CSE
33.	P Bikshapathy	AJCPB9718K	3 years,1 month	Asst.prof	CSE
34.	Ajai Kumar Rai	AAAPR0818B	6 years,4 months	Asst.prof	CSE
35.	A Syam Prasad	AKVPA5049A	9 years,11 months	Asst.prof	CSE
36.	K Srinivas	BFZPK9690D	4 years,10 months	Asst.prof	CSE



S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
37.	M Gayatri	AXFPM4736P	5 years,10 months	Asst.prof	CSE
38.	G Ravi	APVPG7804C	9 years,8 months	Asst.prof	CSE
39.	D Radha	AJVPR1032R	10 years,11 months	Asst.prof	CSE
40.	D Chandra Sekhar Reddy	ANYPD3464E	2 years,11 months	Asst.prof	CSE
41.	M Jayapal	ARWPM2290B	5 years,10 months	Asst.prof	CSE
42.	V Suneetha	AMYPV0563B	5 years,10 months	Asst.prof	CSE
43.	K Sreekanth	BGSPK9315H	9 years,10 months	Asst.prof	CSE
44.	P Dileep	APWPP3390K	2 years,10 months	Asst.prof	CSE
45.	M Sandeep	BCDPM2325N	7 years,10 months	Asst.prof	CSE
46.	M Sambasivudu	DGZPS5002Q	5 years,10 months	Asst.prof	CSE
47.	G Manoj Kumar	BCPPG3724G	6 years,10 months	Asst.prof	CSE
48.	P Hari Krishna	BIUPP5666E	5 years,10 months	Asst.prof	CSE
49.	M Venu	ASRPM9064B	4 years,10 months	Asst.prof	CSE
50.	K Srilakshmi	AYFPK5142C	4 years,8 months	Asst.prof	CSE
51.	Y Dileep Babu	ACVPY5285C	3 years,5 months	Asst.prof	CSE
52.	A Yogananda	ARHPA7580M	3 years,11 months	Asst.prof	CSE
53.	J Arthi Jaya Kumari	ANKPA9851G	3 years,5 months	Asst.prof	CSE
54.	K Siva Naga Mani	BNFPK4761F	4 years,4 months	Asst.prof	CSE
55.	S Vishwanath Reddy	APEPV8963J	3 years,11 months	Asst.prof	CSE
56.	N Siva Kumar	CBJPS3675M	3 years,1 month	Asst.prof	CSE
57.	P Honey Diana	BKGPP3161G	1 year,10 months	Asst.prof	CSE
58.	R Sujatha	EIZPS1938C	1 year,10 months	Asst.prof	CSE
59.	V Bhavani	AFSPV4643R	2 years,4 months	Asst.prof	CSE
60.	Shruthi Rani Yadav Shanker Janak	FNUPS9659R	1 year,5 months	Asst.prof	CSE
61.	Sriraghupraveen K	BRGPK4469K	1 year,11 months	Asst.prof	CSE
62.	S Shirisha	CWIPS4346B	1 year,11 months	Asst.prof	CSE
63.	Kolapuram Mamatha	DWVPK5757C	2 years,4 months	Asst.prof	CSE
64.	B Sangeetha	BBBPB8646J	3 years,1 month	Asst.prof	CSE
65.	Naga Sai Sindhura M	ASWPM3970F	3 years,11 months	Asst.prof	CSE
66.	Gorantla Shamini	BUTPG5430L	1 year,4 months	Asst.prof	CSE
67.	Alpa Sharma	FOHPS1662J	1 year,4 months	Asst.prof	CSE
68.	Mahendar Jinukala	AQJPJ1434Q	3 years,1 month	Asst.prof	CSE
69.	Nerella Vivek	AKZPN2882L	1 year,4 months	Asst.prof	CSE
70.	Shiva Kumar Talathai	AMNPT9998B	1 year,4 months	Asst.prof	CSE
71.	Indumadhavi Gubbala	BDSPG2465D	2 years,3 months	Asst.prof	CSE
72.	Mohammed Amair	BVAPM2093K	2 years,4 months	Asst.prof	CSE
73.	Samiyelu Nakka	ARCPN1622L	3 years,1 month	Asst.prof	CSE
74.	Battu Ramesh	BKCPB0728B	2 years,4 months	Asst.prof	CSE
75.	Ch. Ranjith Kumar	AXOPC6984E	2 years,5 months	Asst.prof	CSE
76.	Vennu Sandeep Kumar	ANBPV2764Q	2 years,4 months	Asst.prof	CSE

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
77.	A Naveen Kumar	BURPA4219B	1 year,11 months	Asst.prof	CSE
78.	B Bhasker	BSFPB3300N	3 years,1 month	Asst.prof	CSE
79.	Kumba Vasavi	ARZPV3949F	1 year,5 months	Asst.prof	CSE
80.	Srinivas Markonda	BQSPM4711K	2 years,10 months	Asst.prof	CSE
81.	K Himabindu	CDZPK3996B	3 years,1 month	Asst.prof	CSE
82.	Kalpana Devineni	BOMP1260D	8 years,7 months	Asst.prof	CSE
83.	K Sudhakar Reddy	CRBPS6537C	8 years,7 months	Asst.prof	CSE
84.	B Padmaja	BPLPB4174F	3 years,5 months	Asst.prof	CSE
85.	B Durga Rao	CEQPB8240B	2 years,4 months	Asst.prof	CSE
86.	Dr. VSK Reddy	ACGPV1679N	8 years,9 months	Professor & Principal	ECE
87.	Prof. P. Sanjeeva Reddy	ADYPP7709A	11 years,8 months	Professor	ECE
88.	Dr. S. Srinivasa Rao	ARWPS7682K	4 years,9 months	Professor	ECE
89.	Dr. M. Parisa Beham	AJYPP5683K	1 year,4 months	Professor	ECE
90.	Dr. Padma Priya Ram Kumar	BUJPP7399R	1 year,3 months	Professor	ECE
91.	Dr. A. Subha Kumar Reddy	BNMPA9752K	1 year,4 months	Professor	ECE
92.	Dr. Vinod Kumar	AJTPK7194H	1 year,3 months	Professor	ECE
93.	Dr. C. Ravishankar Reddy	BWYPR4083D	1 year,4 months	Professor	ECE
94.	K.Murali Krishna	AGIPK2966M	7 years,4 months	Assoc.Prof	ECE
95.	Mrs.B.Jyothi	ALLPB5452D	10 years,8 months	Assoc.Prof	ECE
96.	K. Mallikarjuna Lingam	AEOPL5051N	5 years,11 months	Asst.prof	ECE
97.	G. S.Naveen Kumar	AMEPG9046Q	9 years,6 months	Asst.prof	ECE
98.	V.Kiran Kumar	AFUPV2026C	12 years,6 months	Asst.prof	ECE
99.	M. Ramanjaneyulu	AIGPMO730R	4 years,10 months	Asst.prof	ECE
100.	Mrs.P.Anitha	BIGPP8737A	7 years,10 months	Asst.prof	ECE
101.	Mrs.S.Aruna Kumari	BRPPS7829Q	10 years,5 months	Asst.prof	ECE
102.	M.Arun Kumar	APEPM9843E	7 years,10 months	Asst.prof	ECE
103.	M.Sreedhar Reddy	AQPPR6158R	9 years,6 months	Asst.prof	ECE
104.	Mrs.P.Swetha	BMQPP0293M	7 years,6 months	Asst.prof	ECE
105.	D.Asha	ATAPD1372R	8 years,5 months	Asst.prof	ECE
106.	M.Anusha	ASWPM6305N	6 years,10 months	Asst.prof	ECE
107.	K.Suresh	CYQPS3822N	7 years,10 months	Asst.prof	ECE
108.	N. Saritha	AJPN2663F	9 years,11 months	Asst.prof	ECE
109.	T. Vinay Simha Reddy	AFUPT9319Q	4 years,10 months	Asst.prof	ECE
110.	K.D.K. Ajay	BSYPK4036M	5 years,6 months	Asst.prof	ECE
111.	R.Chinnarao	AICPR8197B	3 years,7 months	Asst.prof	ECE
112.	Renju Panicker	AVNPP9911H	4 years,11 months	Asst.prof	ECE
113.	V. Shiva Raj Kumar	APSPV6856N	4 years,11 months	Asst.prof	ECE

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
114.	M. Lavanya	CLGPM8477C	8 years,5 months	Asst.prof	ECE
115.	Kotha Swathi	BAQPK5732G	4 years,4 months	Asst.prof	ECE
116.	E. Mahendar Reddy	ABHPE9262A	2 years,11 months	Asst.prof	ECE
117.	CH. Kiran Kumar	AQGPC0961Q	3 years,10 months	Asst.prof	ECE
118.	T. Srinivas	ARMPT6909Q	2 years,10 months	Asst.prof	ECE
119.	Ch. Srinivasulu	AKDPC0476B	3 years,1 month	Asst.prof	ECE
120.	R. Kiran	AOGPR0309K	3 years,1 month	Asst.prof	ECE
121.	K. Tejaswe	BGZPK2648N	2 years,11 months	Asst.prof	ECE
122.	G. Vaidehi	AGTPG0136G	1 year,11 months	Asst.prof	ECE
123.	M. Anantha Guptha	BJDPG2374N	1 year,11 months	Asst.prof	ECE
124.	M. Himabindu	BHHPM0101R	2 years,4 months	Asst.prof	ECE
125.	KLN. Prasad	AFEPN3939A	1 year,10 months	Asst.prof	ECE
126.	T. Ramyakrishna	CEGPR0299A	1 year,5 months	Asst.prof	ECE
127.	D. Srinivas	BLVPD2838J	2 years,3 months	Asst.prof	ECE
128.	S. Srikanya	HIPPS6297P	1 year,5 months	Asst.prof	ECE
129.	D. Sandeep Reddy	BDIPD9320G	3 years,1 month	Asst.prof	ECE
130.	K. Mounika	CRZPM4678N	1 year,3 months	Asst.prof	ECE
131.	M. Nagma	CYYPM1401K	1 year,3 months	Asst.prof	ECE
132.	K. Bhavana	COAPK6993N	1 year,3 months	Asst.prof	ECE
133.	S. Sarinikethani	FWKPS1339M	1 year,3 months	Asst.prof	ECE
134.	Syed Abdul Rehman	BMAPR5137A	3 years,1 month	Asst.prof	ECE
135.	S Rajani	DXTPS1091A	2 years,4 months	Asst.prof	ECE
136.	Maheshwari	BBWPM5269B	2 years,4 months	Asst.prof	ECE
137.	Pirangi Deepthi	BUVPP6217Q	3 years,1 month	Asst.prof	ECE
138.	Prof. K. Subash	ADAPK6105H	3 years,1 month	Asst.prof	ECE
139.	P.Raji Reddy	BMLPP1848M	6 years,10 months	Asst.prof	ECE
140.	N. Ramesh	ARTPN9661L	2 years,11 months	Asst.prof	ECE
141.	O. Saidulu Reddy	AARPO3199B	3 years,11 months	Asst.prof	ECE
142.	I Pranitha	ACEPI5196F	4 years,10 months	Asst.prof	ECE
143.	G. Shekar Babu	BIJPG3214L	2 years,11 months	Asst.prof	ECE
144.	Sateesh Babu Galinki	GBGPS3207C	3 years,11 months	Asst.prof	ECE
145.	B. Srinivasa Rao	BHZPB8222N	2 years,11 months	Asst.prof	ECE
146.	V. Lokeswari	AWAPV5850D	2 years,4 months	Asst.prof	ECE
147.	Akiti Prasanna Laxmi	BSJPM4722P	3 years,1 month	Asst.prof	ECE
148.	Poojari Madhu Mohanaiah	CPCPP0831H	2 years,4 months	Asst.prof	ECE
149.	Dr. V. Madhusudhana Reddy	ADAPV6965C	7 years,8 months	Professor & head	H&S
150.	Dr. K.Munirathnam Achari	ADFPK4712K	9 years,8 months	Professor	H&S
151.	Dr. Neeraja Vattipally	AGSPV3994L	7 years,4 months	Professor	H&S
152.	Dr. Kandhagatala Ramakrishna	AUCPK3642A	13 years,7 months	Professor	H&S

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
153.	Dr. Shekhar Patlola	ARPPP6982J	4 years,8 months	Asst.prof	H&S
154.	Rajitha Pazavara	ASKPP0943M	2 years,4 months	Asst.prof	H&S
155.	Rajeshwar Reddy Katta	ANUPR7380M	9 years,11 months	Assoc.prof	H&S
156.	Sree Lakshmi Ratnam Gorthi	AQWPM5429K	8 years,7 months	Asst.prof	H&S
157.	Shailaja Papishetty	AIOPG2393J	9 years,8 months	Asst.prof	H&S
158.	Vuthaluru Srinivas Rao	CJHPS8339A	4 years,8 months	Asst.prof	H&S
159.	Gorantla Adilakshmi	ANYPG5649J	3 years,8 months	Asst.prof	H&S
160.	Thatiguntla Anithakumari	AGAPT0412B	4 years,8 months	Asst.prof	H&S
161.	Naredla Bhaskar Reddy	ALFPN4767M	4 years,8 months	Asst.prof	H&S
162.	Gobburu Rekha	AQAPG2350F	4 years,10 months	Asst.prof	H&S
163.	Harika Bhurgula	CDPPB5161D	3 years,1 month	Asst.prof	H&S
164.	Chandrasekhar Somsole	DXMPS4805P	5 years,9 months	Asst.prof	H&S
165.	Reddy Podu Rajasekar	BZGPR2145J	4 years,1 month	Asst.prof	H&S
166.	Mekala Sharath Kumar	BLEPM6971J	2 years,4 months	Asst.prof	H&S
167.	Victor Emmanuel Raju	BBKPG5229F	2 years,4 months	Asst.prof	H&S
168.	Caroline Saginala	DKWPS0193H	5 years,9 months	Asst.prof	H&S
169.	Rupinderjit Kaur	CQGPK9883B	3 years,10 months	Asst.prof	H&S
170.	Venkat Reddy I	ADXPL3110A	5 years,9 months	Asst.prof	H&S
171.	Peddapati Swetha	CUKPP0306A	4 years,10 months	Asst.prof	H&S
172.	Archanadevi Annapuram	AXIPA7668M	4 years,8 months	Asst.prof	H&S
173.	Anilkumar Narina	AMOPN5785H	3 years,1 month	Asst.prof	H&S
174.	Sr lakshmanrao Narina	AJIPN1137A	3 years,1 month	Asst.prof	H&S
175.	Narendra Kesana	CPRPK2510K	1 year,9 months	Asst.prof	H&S
176.	K S Rajashri	AQPPR8337L	1 year,5 months	Asst.prof	H&S
177.	K Ramya	AQPPR0547L	1 year,5 months	Asst.prof	H&S
178.	Hasina Khanam	CKTPP8431K	1 year,5 months	Asst.prof	H&S
179.	P Naresh	CLKPP3911J	1 year,5 months	Asst.prof	H&S
180.	K Charyulu Devarayapalli	AQCPD8656P	3 years,5 months	Asst.prof	H&S
181.	Mohita Aminha	AGYPC5608C	3 years,10 months	Asst.prof	H&S
182.	Bandi Rajeshwar Reddy	AMMPB6793R	3 years,1 month	Asst.prof	H&S
183.	Raja Gopal Ediga	AAQPE7386K	13 years,8 months	Assoc.prof	H&S

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
184.	Bhaskar Chintala	AIKPC7310B	4 years,10 months	Asst.prof	H&S
185.	T. Prakasam	ABIPT6598F	4 years,10 months	Asst.prof	IT
186.	Dr. NS Gowri Ganesh	AHTPG3790R	1 year,4 months	Professor	IT
187.	Prof. K KailasaRao	AHXP3007D	10 years,10 months	Professor	IT
188.	Dr. Bezawada Bruhadeswar	AKLPB7782R	6 years,3 months	Assoc.prof	IT
189.	J.Suneetha	BPPPS2893A	9 years,11 months	Assoc.prof	IT
190.	P. Srinivas	BQHPS4513E	7 years,10 months	Asst.prof	IT
191.	M. Vazralu	AEEP3155K	6 years,10 months	Asst.prof	IT
192.	Novy Jacob	ATQPJ5787L	3 years,11 months	Asst.prof	IT
193.	K. Swetha	BSPPK8576D	5 years,10 months	Asst.prof	IT
194.	Kavitha Madas	AUXPM8409J	3 years,1 months	Asst.prof	IT
195.	Shatharaju Thirupathi	GYWPS6287K	1 year,4 months	Asst.prof	IT
196.	G. Sarabha Reddy	AOSPG4004N	4 years,1 month	Asst.prof	IT
197.	Dr.V.Pandurangaiah	AASPV1837G	2 years,11 months	Professor	MBA
198.	Dr. K V Subba Rao	CIQPK9936F	1 year,5 months	Professor	MBA
199.	Dr P Neeraja	CDWPP6108F	1 year,4 months	Professor	MBA
200.	Dr. Yelamanchili Rama Krishna	AAPPY9560J	1 year,3 months	Professor	MBA
201.	Dr. Reena Modi	BVFPM0063A	1 year,3 months	Professor	MBA
202.	G.Naveen Kumar	AHOPG0877G	11 years,8 months	Professor	MBA
203.	T.Satish Kumar	ADDPT2984N	11 years,10 months	Professor	MBA
204.	Dr. IJ.Raghavendra	ACDPI5439E	5 years,10 months	Professor	MBA
205.	G.Archana	ARJPG0132D	11 years,4 months	Assoc.prof	MBA
206.	K.Sudheer	BMAPK8425L	8 years,9 months	Assoc.prof	MBA
207.	P.Samyukta	AUVPP6111C	5 years,11 months	Asst.prof	MBA
208.	NNK Sandilya	AGNPN6915G	3 years,11 months	Asst.prof	MBA
209.	N Rajesh Babu	AHGPN4803P	3 years,11 months	Asst.prof	MBA
210.	V.Hari Krishna	ANHPV2249L	3 years,7 months	Asst.prof	MBA
211.	ML Himaja	ANMPM3719K	3 years,4 months	Asst.prof	MBA
212.	PVS.Subramanyam	BFPPP3041D	2 years,8 months	Asst.prof	MBA
213.	Mahamad Reshma	BTTPM7352Q	6 years,7 months	Asst.prof	MBA
214.	Nanda Kishore	BAWPM8067L	2 years,11 months	Asst.prof	MBA
215.	N.Durga Bhavani	AJXPN2360C	2 years,11 months	Asst.prof	MBA
216.	M. Vijayalakshmi	AICPM4040L	1 year,10 months	Asst.prof	MBA
217.	K.Shashikanth	ANCPK5557B	1 year,8 months	Asst.prof	MBA
218.	Maheshwari Purra	BBYPM9616C	3 years,1 month	Asst.prof	MBA
219.	B Rajatha	AXOPB6340B	1 year,5 months	Asst.prof	MBA
220.	G Latha	DIEPS3694P	1 year,5 months	Asst.prof	MBA
221.	A Srinath	BEPPA8024N	1 year,5 months	Asst.prof	MBA
222.	Saleem Javeed Ali	CHQPM8904E	1 year,5 months	Asst.prof	MBA
223.	S Chakravarthy	DNTPS4855N	1 year,4 months	Asst.prof	MBA

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
224.	Attipatla Ramanjulu Uvavani	BTOPA9623D	1 year,4 months	Asst.prof	MBA
225.	K Satish Kumar	BIYPK2873G	2 years,4 months	Asst.prof	MBA
226.	B S Kranthi	BPSPB3022P	2 years,4 months	Asst.prof	MBA
227.	K. Subhakara Rao	AOLPK6625A	11 years,8 months	Asst.prof	MBA
228.	B.Salini	AVEPB2170R	1 year,10 months	Asst.prof	MBA
229.	B Rajitha	COAPB1740L	1 year,5 months	Asst.prof	MBA
230.	R.Raju	AOIPR8968Q	1 year,11 months	Asst.prof	MBA
231.	K.Sandhya Rani	DMAPS5590G	1 year,11 months	Asst.prof	MBA
232.	G Meenu Deepika	CEVPD5465D	1 year,4 months	Asst.prof	MBA
233.	NVSR Krishna Prasad	CZMPK5838D	3 years,7 months	Asst.prof	MBA
234.	Dr.M.Murali Krishna	ATBPM7478C	1 year,5 months	Professor	MECH
235.	Dr. P.H.V.S Talpa Sai	ADYPP7698A	3 years,10 months	Professor & head	MECH
236.	Dr.S.Deva Prasad	AMZPP7948P	1 year,10 months	Professor	MECH
237.	Dr. Potnuru Srikar	BAQPP9984H	1 year,4 months	Professor	MECH
238.	Dr. Gnana Sagaya Raj A		1 year,3 months	Professor	MECH
239.	Dr. P. Nagasankar	ACUPN1857G	1 year,4 months	Professor	MECH
240.	Dr. Narayanappa Krishnamurthy	AJEPK4736C	2 years,4 months	Professor	MECH
241.	Vangala Srinivas Reddy	AANPV3597J	7 years,10 months	Assoc.prof	MECH
242.	Mangeelal Dharavath	AGWPD9566G	3 years,5 months	Asst.prof	MECH
243.	Desu Damodara Reddy	AEWPR4293Q	4 years,11 months	Asst.prof	MECH
244.	Yangaladasu Dilip Kumar	AVDPD3714C	4 years,10 months	Asst.prof	MECH
245.	P Sreenivasa Kumar	BAVPP6102N	3 years,8 months	Asst.prof	MECH
246.	Katravath Bicha	BTZPK9618M	5 years,10 months	Asst.prof	MECH
247.	M L R Chaitanya Lahari	CSBPM7232B	3 years,4 months	Asst.prof	MECH
248.	Misba Mehdi	AUJPM0611Q	5 years,10 months	Asst.prof	MECH
249.	B. Pravinakumar Hosamani	AOBPH4892N	2 years,5 months	Asst.prof	MECH
250.	Somanagouda Biradar	BSMPB0445F	2 years,5 months	Asst.prof	MECH
251.	Chamala Daksheeswara Reddy	BFXPR8967J	3 years,10 months	Asst.prof	MECH
252.	Haseena Bee	BXBPP4435M	5 years,10 months	Asst.prof	MECH
253.	Vennam Gopala Krishna	ANXPV2096F	2 years,4 months	Asst.prof	MECH
254.	A Sai Priya Nakkella	BXRPS1131H	2 years,4 months	Asst.prof	MECH

S.No.	Name of Full Time Teacher	PAN Number	Total Years of Experience in the same Institution	Designation	Department
255.	Venkata Subbarao Dantam	AKXPD2175N	3 years,10 months	Asst.prof	MECH
256.	Y Alluri Indraja	ACHPI2841L	2 years,4 months	Asst.prof	MECH
257.	Mahendra Bommaji	CBPPM2950R	3 years,1 month	Asst.prof	MECH
258.	Ratnakumar Gummadi	AYTPG8002H	3 years,1 month	Asst.prof	MECH
259.	Goutham Sri Rana Savaram	DESPS7887L	2 years,3 months	Asst.prof	MECH
260.	Pattem Gireesh	BSVPP7318E	2 years,3 months	Asst.prof	MECH
261.	Vivekananda Soma	DBYPS2949E	4 years,5 months	Asst.prof	MECH
262.	Akhila Kakera	CJIPK5449Q	3 years,6 months	Asst.prof	MECH
263.	Prasuna Lilly Florence	AMBPD8233H	5 years,10 months	Asst.prof	MECH
264.	A shashi Kumar	BBVPA0093E	3 years,4 months	Asst.prof	MECH
265.	J. Rama Tulasi	ASWPJ5461G	6 years,10 months	Asst.prof	MECH
266.	Bosigari Samhita	EOKPS2107J	3 years,0 months	Asst.prof	MECH
267.	Madamanchi Naresh	ALGPN4467K	2 years,4 months	Asst.prof	MECH
268.	Kolimi bharaat Bhushan Reddy	BOKPK0997P	2 years,3 months	Asst.prof	MECH
269.	Settem Lakshmi Nitheesha	HEIPS2099L	1 year,4 months	Asst.prof	MECH
270.	P. Rajamani	CKVPP2174D	1 year,4 months	Asst.prof	MECH
271.	Bontha Vijayalakshmi	AMYPB7801J	2 years,4 months	Asst.prof	MECH
272.	Eeda Dinesh	ACBPE3108Q	2 years,4 months	Asst.prof	MECH
273.	M K Lokananda Raju	AKPPM1621G	3 years,1 month	Asst.prof	MECH
274.	Uppuluri Sai Krishna	ABIPU0941M	3 years,1 month	Asst.prof	MECH
275.	DR. G Dasharatha Reddy	AHEPG9187F	3 years,10 months	Asst.prof	Mining
276.	DR. Aedudodla C Ram Reddy	AHRPR5369M	2 years,10 months	Asst.prof	Mining
277.	Malladi Kasi Viswanadham	AJVPM7059E	3 years,1 month	Asst.prof	Mining
278.	Manas Kumar Mallick	BFFPM6542G	2 years,10 months	Asst.prof	Mining
279.	Mohamed M Akil	BRCPA8119A	2 years,4 months	Asst.prof	Mining
280.	Shankar N	AWZPN5504B	2 years,4 months	Asst.prof	Mining

## 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: 2017-2018

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	09/05/2018	22/05/2018	13
2	B. Tech	I/I	27/12/2017	09/01/2018	12
3	B. Tech	II/II	08/05/2018	21/05/2018	13
4	B. Tech	I/II	24/11/2017	08/12/2017	14
5	B. Tech	II/III	09/05/2018	21/05/2018	12
6	B. Tech	I/III	25/11/2017	08/12/2017	13
7	B. Tech	II/IV	04/05/2018	21/05/2018	17
8	B. Tech	I/IV	24/11/2017	08/12/2017	14
9	MBA	I/I	15/02/2018	29/02/2018	14
10	MBA	II/I	28/08/2017	16/09/2017	18
11	MBA	I/II	16/02/2018	29/02/2018	13
12	M. Tech	II/I	23/08/2017	10/09/2017	17
13	M. Tech	I/I	10/02/2018	25/02/2018	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
2017-2018	148	4050

### 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 : 2017-2018**

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	199	128	64
ECE-04	B. Tech	Electronics & Communication Engineering	278	178	64
CSE-05	B. Tech	Computer Science Engineering	230	148	64
IT-12	B. Tech	Information Technology	53	35	66
AERO-21	B. Tech	Aeronautical Engineering	70	34	48
M.TECH -15	M. Tech	Machine Design	29	29	100
M.TECH -68	M. Tech	VLSI	17	16	94
M.TECH -58	M. Tech	Computer Science Engineering	27	27	100
M.TECH -76	M. Tech	Aerospace	21	19	90
MBA-1E	MBA	Management of Business Administration	102	102	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 Students Satisfaction Survey Format is enclosed as Annexure 2B**