



**Department of Electronics and Communication Engineering.**

Date: 02-01-2016

**Re-Constitution of Curriculum Design and Monitoring Committee**

The Head of the Department constituted the Curriculum Design and Monitoring Committee for B.Tech. ECE Program.

S.No	Members	Designation
1.	Dr. N. Usharani	Chairman
2.	Mr. T. Pitchaiah	Member
3.	Mr. P.J. Reginald	Member
4.	Mr. P. Krishna Chaitanya	Member

Curriculum Design and Monitoring Committee is re-constituted for a term of three years. It analyses the feedback from the students and give inputs to the BOS.

Thanking you sir,

Head of the Department  
Electronics and Communication Engineering

Copy to

1. The Vice Chancellor
2. The Registrar.
3. Dean, Academics.
4. ECE Faculty



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**Department of Electronics and Communication Engineering.**

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Date: 15-02-2016

**Curriculum Design and Monitoring Committee**

**Circular**

Curriculum Design and Monitoring Committee meeting for B.Tech. Program is scheduled on 21-02-2016 in VSF09, 'H' block, of VFSTR. at 11:00 AM. The members of CDMC are requested to attend the meeting.

**Agenda:**

1. Preparation of R16 Curriculum.

Chairman, CDMC



### Minutes of CDMC Meeting

21-02-2016

The members of Curriculum Design and Monitoring Committee for B.Tech Electronics and Communication Engineering program met on 21-02-2016 at VSF09, 'H' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Dr. N. Usharani	Chairman	
2.	Mr. T. Pitchaiah	Member	
3.	Mr. P.J. Reginald	Member	
4.	Mr. P. Krishna Chaitanya	Member	

#### **Agenda of the meeting**

- Analysis of the feedback collected from various stakeholders such as Alumni, Employers, Faculty, Parents and Students during the academic year 2015-16.

The following are the important points are discussed in the CDMC:

1. Students should correlate the theoretical knowledge and practical applications
2. More modelling softwares have to be taught apart from course curriculum
3. More choices should be offered for choosing electives
4. Mixture of theory with laboratory for majority of courses
5. As analyzed various Govt. and private technical universities going for reduction in the credits and in our next curriculum the reduction of credits is suggested.
6. Including credits for life skills and employability skills.
7. Modular courses exclusively offered by industry personnel are to be introduced.
8. Incorporation of skills for each courses.

Detailed feedback analysis report is enclosed as Annexure-I

The outcomes of the meeting will be placed before the BoS for further discussion and recommendations.

  
Chairman, CDMC



## Annexure 1

### Feedback from Alumni Students 2015-16 (Academic Year) - UG – B. Tech (ECE)

The result derived in terms of percentage of students with common views, average score, and ratings is presented in Table 1.

Table 1: Analysis of feedback from Alumni 2015–16

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly disagree	Avg. Rating	Grade
Q1	56	44	0	0	0	4.56	Excellent
Q2	84	16	0	0	0	4.84	Excellent
Q3	56	44	0	0	0	4.56	Excellent
Q4	84	16	0	0	0	4.84	Excellent
Q5	56	44	0	0	0	4.56	Excellent
Q6	84	16	0	0	0	4.84	Excellent
Q7	84	16	0	0	0	4.84	Excellent

The highest score of 4.84 was given to the parameters “Q2: Course Contents of Curriculum are in tune with the Program Outcomes”, “Q4: The offering of the electives in relation to the Technological advancements and serve the needed in the industry”, “Q6: Ability to compete with your peers from other Universities”, and “Q7: The curriculum relevant to job and future aspirations”

Followed by “Q1: Curriculum has paved a good foundation in understanding the basic engineering concepts”, “Q3: Curriculum imparted all the required Job Oriented Skills”, and “Q5: Tools and Technologies learnt during laboratory sessions has enriched the skills” with a score of 4.56 each and has been rated as Excellent.



### Feedback from Employer 2015-16 (Academic Year) - UG – B. Tech (ECE)

The result derived in terms of percentage of employer with common views, average score, and ratings is presented in Table 2.

Table 2: Analysis of feedback from Employer 2015–16

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	60.6	36.4	3	0	0	4.576	Excellent
Q2	66.7	27.3	6.1	0	0	4.61	Excellent
Q3	42.4	48.5	9.1	0	0	4.333	Excellent
Q4	75.8	18.2	6.1	0	0	4.701	Excellent
Q5	69.7	24.2	6.1	0	0	4.636	Excellent

The highest score of 4.701 was given to the parameter “Professional and Open Electives are in relation to the Technological advancements and fulfilling the needs of electronics and allied industries.” followed by “Curriculum develops skills to model and analyze the electronics and allied industrial issues” with a score of 4.636 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Curriculum helps in bridging gap between industry and academic institution” and “Course Contents of Curriculum are in tune with the Program Outcomes” obtained average scores 4.61 and 4.576 respectively and has been rated as Excellent.

The parameter “Applicability of the domains and the tools used for designing the experiments in terms of existing practices in the Electronics and Allied Industry” obtained the scores of 4.33 and has been rated as Excellent which will be considered and benefit the students towards the ECE and its related Industry.

Time to time meetings were conducted at the department level to leverage new and advanced techniques to improve the problem solving skills and soft skills of the students which enable them to be placed in ECE and its related Industries.

The feedback analysis given by employer reveals that by improving the required skills of Applicability and fulfilling the gap between industries to academia to enable Industry Demands helps the student to get placements.



### **Feedback from faculty 2015-16 (Academic Year) - UG – B. Tech (ECE)**

The result derived in terms of percentage of faculty with common views, average score, and ratings is presented in Table 3.

Table 3: Analysis of feedback from faculty 2015–16

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly disagree	Avg. Rating	Grade
Q1	40	60	0	0	0	4.4	Excellent
Q2	44	56	0	0	0	4.44	Excellent
Q3	32	68	0	0	0	4.32	Excellent
Q4	28	72	0	0	0	4.28	Excellent
Q5	32	68	0	0	0	4.32	Excellent

The highest score of 4.44 was given to the parameter “Q2: Course Contents of Curriculum in tune with the Program Outcomes” followed by “Q1: Curriculum designed is in tune with program Vision and Mission” with a score of 4.4 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Q5: The practical's enable to develop experimental, design, problem solving and analysis skills of the students”, “Q4: Curriculum is sufficient to bridge the gap between industry standards /current global scenarios and academics”, and “Q3: The depth of the course content is adequate to have significant learning outcomes”, obtained average scores 4.32, 4.28, and 4.32 respectively and has been rated as Excellent



### Feedback from Parents 2015-16 (Academic Year) - UG – B. Tech (ECE)

The result derived in terms of percentage of Parents with common views, average score, and ratings is presented in Table 4.

Table 4: Analysis of feedback from Parents 2015–16

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly disagree	Avg. Rating	Grade
Q1	62.5	37.5	0	0	0	4.625	Excellent
Q2	40.6	46.9	12.5	0	0	4.281	Excellent
Q3	31.3	50	18.8	0	0	4.129	Excellent
Q4	28.1	53.1	18.8	0	0	4.093	Excellent
Q5	37.5	40.6	21.9	0	0	4.156	Excellent

The highest score of 4.625 was given to the parameter “Q1: Your ward is sensitized towards issues like gender equality, environment and sustainability, ethics and values etc., through relevant courses in the curriculum” followed by “Q2: The academic flexibility embedded in the curriculum provides opportunities to students to pursue their interest by choosing from a vast number of pathways / electives from own area/specialization as well as from other areas” with a score of 4.281 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Q5: Course Curriculum is of the global standard and is in tune with the needs of electrical and allied industries”, “Q3: Competency of your ward is on par with the students from other Universities/Institutes”, and “Q4: The curriculum has been designed to make your ward industry ready by imparting analytical and reasoning, language and soft skills in addition to technical competencies, as desired by the electrical and allied industries” obtained average scores of 4.156, 4.129 and 4.093 and has been rated as Excellent.

Time to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students.



### Feedback from Students 2015-16 (Academic Year) - UG – B. Tech (ECE)

The result derived in terms of percentage of students with common views, average score, and ratings is presented in Table 5.

Table 5: Analysis of feedback from students 2015 – 16

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	64.3	35.7	0	0	0	4.643	Excellent
Q2	55	45	0	0	0	4.55	Excellent
Q3	42.3	57.7	0	0	0	4.423	Excellent
Q4	42	58	0	0	0	4.42	Excellent
Q5	40.4	59.6	0	0	0	4.404	Excellent
Q6	36.3	63.7	0	0	0	4.363	Excellent
Q7	40.4	59.6	0	0	0	4.404	Excellent
Q8	33.9	66.1	0	0	0	4.339	Excellent
Q9	41	59	0	0	0	4.41	Excellent


The highest score of 4.643 was given to the parameter “Q1: Course Contents of Curriculum are in tune with the Program Outcomes” followed by “Q2: The depth of the course content is adequate to have significant learning outcomes” with a score of 4.55 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Q7: The number of theoretical courses and laboratory sessions sufficient to improve the technical skills of students is a right mix and satisfiable” and “Q8: The number of theoretical courses and laboratory sessions sufficient to improve the technical skills of students” obtained average scores 4.404 and 4.339 respectively and has been rated as Excellent.

The parameters “Q3: Curriculum is sufficient to bridge the gap between industry standards /current global scenarios and academics” and “Q6: Curriculum is providing opportunity towards Self learning to realize the expectations” obtained the scores of 4.423 and 4.363 respectively and has been rated as Very Good which clearly reflects the benefit towards the student expectations.

Average scores of 4.404; 4.41 and 4.42 were obtained by the parameters “Q5: The timely coverage of syllabus is possible in the mentioned number of hours”; “Q9: Electives enable the passion to learn new technologies in emerging area” and “Q4: The practical’s enable to develop experimental, design, problem solving and analysis skills of the students”.

Time to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students.

  
Chairman, CDMC