



**VIGNAN'S**  
Foundation for Science, Technology & Research  
**UNIVERSITY**  
(ESTD w/s 3 of UGC Act of 1956)

**Department of Electronics and Communication Engineering.**

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Date: 08-01-2018

**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.	Mr. T. Pitchaiah	Chairman
2.	Dr. N. Usharani	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: 25-02-2018

**Curriculum Design and Monitoring Committee**

**Circular**

Curriculum Design and Monitoring Committee meeting for B.Tech. Program is scheduled on 02-03-2018 in HoD's Chamber, 'H' block, of VFSTR at 10:00 AM. The members of CDMC are requested to attend the meeting.

  
Chairman, CDMC



**Department of Electronics & Communication Engineering.**

**Minutes of CDMC Meeting**

02-03-2018

The members of Curriculum Design and Monitoring Committee for B.Tech Electronics & Communication Engineering and M.Tech programs met on 02-03-2018 at VSF09, 'H' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Mr. T. Pitchaiah	Chairman	
2.	Dr. N. Usharani	Member	
3.	Mr. P.J. Reginald	Member	
4.	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 2017-18.

Chairman-CDMC, presented feedback analysis to the committee.

1. Employers suggested the following,
  - a. Inclusion of concepts related to team work, managerial skills and professional ethics.
  - b. Encourage the students to solve societal problems.
2. Alumni suggested the following
  - a. Advanced courses in core engineering
  - b. Practical Exposure has to be more concentrated.
3. Faculty suggested the following
  - a. Credits should be given for NPTEL certification courses.
4. Parents suggested the following
  - a. Concepts suitable to core and government sector should be incorporated in the curriculum.
  - b. Students should also make to participate in various co-curricular activities.
5. Students suggested the following
  - a. More weightage for projects
  - b. Regular workshops need to be conducted.

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 2017-18 (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 2017–18

	Strongly Agree	Agree	Moderate	Disagree	Strongly disagree	Avg. Rating	Grade
Q1	48	52	0	0	0	4.48	Excellent
Q2	68	32	0	0	0	4.68	Excellent
Q3	48	52	0	0	0	4.48	Excellent
Q4	68	32	0	0	0	4.68	Excellent
Q5	48	52	0	0	0	4.48	Excellent
Q6	68	32	0	0	0	4.68	Excellent
Q7	68	32	0	0	0	4.68	Excellent

#### FEEDBACK ANALYSIS

Feedback has been received from the Alumni students on the following seven parameters:

- Q1. Curriculum has paved a good foundation in understanding the basic engineering concepts
- Q2. Course Contents of Curriculum are in tune with the Program Outcomes
- Q3. Curriculum imparted all the required Job Oriented Skills
- Q4. The offering of the electives in relation to the Technological advancements and serve the needed in the industry
- Q5. Tools and Technologies learnt during laboratory sessions has enriched the skills
- Q6. Ability to compete with your peers from other Universities
- Q7. The curriculum relevant to job and future aspirations

The highest score of 4.68 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 4.48 each and has been rated as Excellent.

### Feedback from Employer 2017-18 (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 2017–18

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	43.3	53.3	3.3	0	0	4.396	Excellent
Q2	66.7	23.3	10	0	0	4.567	Excellent
Q3	33.3	60	6.7	0	0	4.266	Excellent
Q4	33.3	63.3	3.3	0	0	4.296	Excellent
Q5	40	56.7	3.3	0	0	4.367	Excellent

Feedback has been received from the employer on the following nine parameters:

- Q1. Course Contents of Curriculum are in tune with the Program Outcomes
- Q2. Curriculum helps in bridging gap between industry and academic institution.
- Q3. Applicability of the domains and the tools used for designing the experiments in terms of existing practices in the Electronics and Allied Industry.
- Q4. Professional and Open Electives are in relation to the Technological advancements and fulfilling the needs of electronics and allied industries.
- Q5. Curriculum develops skills to model and analyse the electronics and allied industrial issues.

The highest score of 4.567 was given to the parameter “Curriculum helps in bridging gap between industry and academic institution.” followed by “Course Contents of Curriculum are in tune with the Program Outcomes ” with a score of 4.396 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Curriculum develops skills to model and analyse the electronics and allied industrial issues.” and “Professional and Open Electives are in relation to the Technological advancements and fulfilling the needs of electronics and allied industries ” obtained average scores 4.367 and 4.296 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 4.266 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 2017-18 (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 2017–18

	Strongly Agree	Agree	Moderate	Disagree	Strongly disagree	Avg. Rating	Grade
<b>Q1</b>	46.9	53.1	0	0	0	4.469	Excellent
<b>Q2</b>	42.9	57.1	0	0	0	4.429	Excellent
<b>Q3</b>	49	51	0	0	0	4.49	Excellent
<b>Q4</b>	42.9	57.1	0	0	0	4.429	Excellent
<b>Q5</b>	49	51	0	0	0	4.49	Excellent

Feedback has been received from the Faculty on the following five parameters:

Q1. Curriculum designed is in tune with program Vision and Mission

Q2. Course Contents of Curriculum in tune with the Program Outcomes

Q3. The depth of the course content is adequate to have significant learning outcomes.

Q4. Curriculum is sufficient to bridge the gap between industry standards /current global scenarios and academics

Q5. The practicals enable to develop experimental, design, problem solving and analysis skills of the students

The highest score of 4.49 was given to the parameter "Q3: The depth of the course content is adequate to have significant learning outcomes" and "Q5: The practicals enable to develop experimental, design, problem solving and analysis skills of the students" and has been rated as Excellent followed by "Q1: Curriculum designed is in tune with program Vision and Mission", "Q2: Contents of Curriculum in tune with the Program Outcomes " and "Q4: Curriculum is sufficient to bridge the gap between industry standards /current global scenarios and academics" with scores of 4.469, 4.429 and 4.429 respectively and has been rated as Excellent.

### Feedback from Parents 2017-18 (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 2017–18

	Strongly Agree	Agree	Moderate	Disagree	Strongly disagree	Avg. Rating	Grade
Q1	30	46.7	0	0	0	3.368	Good
Q2	23.3	43.3	33.3	0	0	3.896	Very Good
Q3	13.3	46.7	40	0	0	3.733	Very Good
Q4	36.7	36.7	26.7	0	0	4.104	Excellent
Q5	10	40	50	0	0	3.6	Very Good

Feedback has been received from the Parents on the following five parameters:

Q1.Your ward is sensitized towards issues like gender equality, environment and sustainability, ethics and values etc., through relevant courses in the curriculum

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.

Q3.Competency of your ward is on par with the students from other Universities/Institutes.

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 electronics and allied industries.

Q5.Course Curriculum is of the global standard and is in tune with the needs of electronics and allied industries.

The highest score of 4.104 was given to the parameter “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” rated as excellent 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 3.896 and has been rated as Very Good.

It is clearly visible from the table that the parameters "Q3: Competency of your ward is on par with the students from other Universities/Institutes" and "Q5: Course Curriculum is of the global standard and is in tune with the needs of electrical and allied industries" obtained average scores of 3.733 and 3.6 respectively and has been rated as Very Good.

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" obtained the score of 3.368 and has been rated as excellent which clearly reflects the benefit towards the parent's expectations.

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 2017-18 (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 2017 – 18

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	65.8	34.2	0	0	0	4.658	Excellent
Q2	55.8	44.2	0	0	0	4.558	Excellent
Q3	39.1	60.9	0	0	0	4.391	Excellent
Q4	37.2	62.8	0	0	0	4.372	Excellent
Q5	37.4	62.6	0	0	0	4.374	Excellent
Q6	34.9	65.1	0	0	0	4.349	Excellent
Q7	37.9	62.1	0	0	0	4.379	Excellent
Q8	30.7	69.3	0	0	0	4.307	Excellent
Q9	38	62	0	0	0	4.38	Excellent

- Q1. Course Contents of Curriculum are in tune with the Program Outcomes.
- Q2. The depth of the course content is adequate to have significant learning outcomes
- Q3. Curriculum is sufficient to bridge the gap between industry standards /current global scenarios and academics.
- Q4. The practical's enable to develop experimental, design, problem solving and analysis skills of the students.
- Q5. The timely coverage of syllabus is possible in the mentioned number of hours.
- Q6. The Curriculum providing opportunity towards self-learning to realize the expectations.
- Q7. Rate the capability of the curriculum for improving ethical values in students
- Q8. The number of theoretical courses and laboratory sessions sufficient to improve the technical skills of students
- Q9. Electives enable the passion to learn new technologies in emerging area

The highest score of 4.658 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 4.558 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 4.379 and 4.307 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 4.391 and 4.349 respectively and has been rated as Very Good which clearly reflects the benefit towards the student expectations.

Average scores of 4.374; 4.38 and 4.372 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.

The feedback analysis reveals that laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.



Chairman, CDMC