



**VIGNAN'S**  
Foundation for Science, Technology & Research  
**UNIVERSITY**  
(Established by UGC Act of 1956)

**Department of Electronics and Communication Engineering.**

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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 MTech Embedded Systems (ES) Program.

S.No	Members	Designation
1.	Dr. N. Usharani	Chairman
2.	Mr. T. Pitchaiah	Member
3.	Mr. P.J. Reginald	Member
4.	Mrs. M. Sarada	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 **MTech Embedded Systems** 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 software 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) - PG – MTech Embedded Systems (ES)

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

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	100	0	0	0	0	5	Excellent
Q2	100	0	0	0	0	5	Excellent
Q3	100	0	0	0	0	5	Excellent
Q4	100	0	0	0	0	5	Excellent
Q5	100	0	0	0	0	5	Excellent

The highest score of 5 were given to the parameters, “Q1: Curriculum has paved a good foundation in understanding the concepts”, “Q2: Course Contents of Curriculum fulfilled the specified Program Outcomes”, “Q3: Curriculum imparted all the required Job Oriented Skills / prerequisite to pursue higher education”, “Q4: Electives of Curriculum served the technical advancements needed to serve in the industry” and “Q5: Tools and Methodologies followed during practical sessions has enriched the required practical knowledge to serve in Industry”, and rates as Excellent.

**Feedback from Employer 2015-16 (Academic Year) - PG – MTech Embedded Systems (ES)**

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

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	66.7	33.3	0	0	0	4.667	Excellent
Q2	100	0	0	0	0	5	Excellent
Q3	0	100	0	0	0	4	Excellent
Q4	66.7	33.3	0	0	0	4.667	Excellent
Q5	33.3	66.7	0	0	0	4.333	Excellent

The highest score of 5 and 4.667 were given to the parameters, "Q1: Professional and Open Electives are in relation to the Technological advancements and fulfilling the needs of electronics and allied industries." And "Q4: Curriculum develops skills to model and analyze the electronics and allied industrial issues" respectively and has been rated as Excellent.

It is clearly visible from the table that the parameters, "Q5: Curriculum helps in bridging gap between industry and academic institution" and "Q3: Course Contents of Curriculum are in tune with the Program Outcomes" obtained average scores 4.333 and 4 respectively which has been rated as Excellent.

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) - PG – MTech Embedded Systems (ES)

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

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	40	60	0	0	0	4.4	Excellent
Q2	60	40	0	0	0	4.6	Excellent
Q3	40	60	0	0	0	4.4	Excellent
Q4	60	40	0	0	0	4.6	Excellent
Q5	20	80	0	0	0	4.2	Excellent
Q6	80	20	0	0	0	4.8	Excellent
Q7	60	40	0	0	0	4.6	Excellent
Q8	40	60	0	0	0	4.4	Excellent

The highest score of 4.833 was given to the parameter "Q6: Curriculum providing opportunity towards self-learning to meet the expectations" followed by "Q2: Contents of the curriculum enhances the core competencies and employability skills", "Q4: Contact Hour Distribution among the various Course Components (LTP) is Satisfiable", and " Q7: Number of theoretical courses and laboratory sessions sufficient to improve the technical and research skills of students " with a scores of 4.667 and has been rated as Excellent.

The parameters "Q1: Curriculum designed is in tune with program Vision and Mission " and Q3: Allocation of Credits to the Courses Satisfiable" obtained the scores of 4.5 and Q5: Electives offered in the program makes the faculty to explore latest technologies has been rated as Excellent which clearly reflects the benefit towards the student expectations.

### Feedback from Parents 2015-16 (Academic Year) - PG – MTech Embedded Systems (ES)

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

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	66.7	33.3	0	0	0	4.667	Excellent
Q2	0	100	0	0	0	4	Excellent
Q3	0	66.7	0	0	33.3	3.001	Good
Q4	33.3	66.7	0	0	0	4.333	Excellent
Q5	0	66.7	33.3	0	0	3.667	Very Good

The highest score of 4.667 was given to the parameter "Satisfaction of Academic and Emotional Progression of your ward" followed by "Your wards competency with the students from other Institutes" with a score of 4.333 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Curriculum offered is in tune with current Industry needs" and "Overall assessment of technical knowledge acquired by your ward who is pursuing his/her program in our University" obtained average score of 3.667 & 3.001 each and has been rated as Very Good and Good.

The parameter "Satisfaction with the offered curriculum for your wards future endeavours" obtained the score of 4 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 2015-16 (Academic Year) - PG – MTech Embedded Systems (ES)

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

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	55.6	33.3	11.1	0	0	4.445	Excellent
Q2	11.1	88.9	0	0	0	4.111	Excellent
Q3	22.2	77.8	0	0	0	4.222	Excellent
Q4	55.6	33.3	11.1	0	0	4.445	Excellent
Q5	22.2	55.6	22.2	0	0	4	Excellent
Q6	22.2	55.6	22.2	0	0	4	Excellent
Q7	55.6	44.4	0	0	0	4.556	Excellent
Q8	33.3	66.7	0	0	0	4.333	Excellent
Q9	5.6	66.7	0	0	0	2.948	Moderate

The highest score of 4.556 was given to the parameter "Q7.Electives have enabled the passion to learn new technologies in emerging and Interdisciplinary Areas" followed by "Q1.Course Contents of Curriculum in tune with the Program Outcomes" and "Q4.Contact Hour Distribution among the various Course Components (LTP) is Satisfiable" with a score of 4.445 and has been rated as Excellent.

Average scores of 4.333; 4.222 and 4.111 were obtained by the parameters "Q8.No. of Laboratory sessions and Theory Courses have been sufficient to improve the technical and research skills."; "Q3.Courses offered in the curriculum serves the needs of Electrical and Allied Industries" and "Q2. Course Contents designed offered enriches Core Competencies" followed by "Q5.Electives have enabled the passion to learn new technologies in emerging and Interdisciplinary Areas" and "Q6.Curriculum providing enable towards self-learning" obtained the average scores are 4 and has been rated as Excellent.

  
Chairman, CDMC