VIGNAN'S
UNIVERSITY
Foundation for Science, Technology & Research

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 MTech. VLSI (VT) Program.

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

VIGNAN'S UNIVERSITY
Foundation for Science, Technology & Research

Department of Electronics and Communication Engineering.

Date: 15-02-2016

Curriculum Design and Monitoring Committee

Circular

Curriculum Design and Monitoring Committee meeting for MTech. 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 VLSI (VT) 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.	Mrs. M. Sarada	Member	
4.	Mr. P. J.Reginald	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 electives
4. Practical sessions should be scheduled for core related subjects.
5. Credits for life skills and employability skills should be included.
6. Modular courses which was exclusively offered by industry personnel are to be introduced.
7. 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

Feedback from Alumni Students 2015-16 (Academic Year) - PG – MTech VLSI (VT)

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	50	50	0	0	0	4.5	Excellent
Q2	50	50	0	0	0	4.5	Excellent
Q3	50	50	0	0	0	4.5	Excellent
Q4	50	50	0	0	0	4.5	Excellent
Q5	50	50	0	0	0	4.5	Excellent

The highest score of 4.84 was given to the parameters "Q2: Course Contents of Curriculum fulfilled the specified Program Outcomes", "Q4: "Electives of Curriculum served the technical advancements needed to serve in the industry", "Q6: "Competency with your peers from other Institutions", and "Q7: "Current curriculum meets the present industry demands" Followed by "Q1: "Curriculum has paved a good foundation in understanding the concepts", "Q3: Curriculum imparted all the required Job Oriented Skills / prerequisite to pursue higher education", and "Q5: "Tools and Methodologies followed during practical sessions has enriched the required practical knowledge to serve in Industry" with a score of 4.5 each and has been rated as Excellent.

Feedback from Employer 2015-16 (Academic Year) - PG – MTech VLSI (VT)

The result derived in terms of percentage of employer with common views, average score, and rating 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	0	50	50	0	0	3.5	Very Good
Q2	50	0	50	0	0	4	Excellent
Q3	0	100	0	0	0	4	Excellent
Q4	0	100	0	0	0	4	Excellent
Q5	0	50	50	0	0	3.5	Very Good

The highest score of 4 was given to the parameter "Elective are in-line with the technology advancements in Modelling and Design Sectors" followed by "Relevance of the Course Contents in tune with the VLSI and Allied Industry Demands" with a score of 4 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Applicability of the tools and technologies described in the curriculum will be enough to practice in Industry" and "Suggest any other points to improve the quality of the curriculum" obtained average scores 4 and 3.5 respectively and has been rated as Excellent and Very Good respectively.

The parameter "Course Contents of MTech VLSI Curriculum is in tune with the Program Outcomes" obtained the scores of 4 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) - PG – MTech VLSI (VT)

The result derived in terms of percentage of faculty with common views, average score, and rating 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	33.3	66.7	0	0	0	4.333	Excellent
Q2	66.7	33.3	0	0	0	4.667	Excellent
Q3	66.7	33.3	0	0	0	4.667	Excellent
Q4	66.7	33.3	0	0	0	4.667	Excellent
Q5	0	100	0	0	0	4	Excellent
Q6	66.7	33.3	0	0	0	4.667	Excellent
Q7	33.3	66.7	0	0	0	4.333	Excellent
Q8	0	100	0	0	0	4	Excellent
Q9	0	100	0	0	0	4	Excellent

The highest score of 4.667 was given to the parameter "Q2: Contents of the curriculum enhances the core competencies and employability skills" followed by "Q3: Allocation of Credits to the Courses Satisfiable" with a score of 4.667, followed by "Q4 : Contact Hour Distribution among the various Course Components (LTP) is Satisfiable", followed by, Q6 : "Curriculum providing opportunity towards self-learning to meet the expectations". It has been rated as Excellent.

The next highest score of 4.333 has given to the parameters " Q1 : Curriculum designed is in tune with program Vision and Mission, "Q7 : Number of theoretical courses and laboratory sessions sufficient to improve the technical and research skills of students ", followed by " Q5: Electives offered in the program makes the faculty to explore latest technologies" and "Q8: Suggest any other points to improve the quality of the curriculum", obtained average scores 4 and 4respectively and has been rated as Excellent

Feedback from Parents 2015-16 (Academic Year) - PG – MTech VLSI(VT)

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	66.7	33.3	0	0	0	4.667	Excellent
Q3	66.7	33.3	0	0	0	4.667	Excellent
Q4	66.7	33.3	0	0	0	4.667	Excellent
Q5	0	100	0	0	0	4	Excellent

The highest score of 4.667 was given to the parameters "Q1: Satisfaction of Academic and Emotional Progression of your ward" followed by "Q2: Satisfaction with the offered curriculum for your wards future endeavors" ,"Q3 : Overall assessment of technical knowledge acquired by your ward who is pursuing his/her program in our University", "Q4: Your wards competency with the students from other Institutes" and has been rated as Excellent.

The next highest score of 4 was given to parameter " Q5: Curriculum offered is in tune with current Industry needs". And it 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) - PG – MTech VLSI(VT)

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	33.3	66.7	0	0	0	4.333	Excellent
Q2	33.3	66.7	0	0	0	4.333	Excellent
Q3	0	66.7	33.3	0	0	3.667	Very Good
Q4	33.3	33.3	33.3	0	0	3.996	Very Good
Q5	33.3	0	66.7	0	0	3.666	Very Good
Q6	0	33.3	66.7	0	0	3.333	Good
Q7	33.3	33.3	33.3	0	0	3.996	Very Good
Q8	33.3	66.7	0	0	0	4.333	Excellent

The highest score of 4.333 was given to the parameter "Q1: Course Contents of Curriculum in tune with the Program Outcomes" followed by "Q2: Course Contents designed offered enriches Core Competencies" with a score of 4.333 and "Q8 : No. of Laboratory sessions and Theory Courses have been sufficient to improve the technical and research skills", with a score of 4.333 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q4: Contact Hour Distribution among the various Course Components (LTP) is Satisfiable" and "Q7: Electives have enabled the passion to learn new technologies in emerging and Interdisciplinary Areas" obtained average scores 3.996 respectively and has been rated as Excellent.

The parameters "Q3: Courses offered in the curriculum serves the needs of VLSI and Allied Industries" and "Q5: Electives have enabled the passion to learn new technologies in emerging and Interdisciplinary Areas" obtained the scores of 3.666 and 3.667 respectively and has been rated as Very Good which clearly reflects the benefit towards the student expectations.

Average score of 3.333 was obtained by the parameter "Q6: Curriculum providing enable towards self-learning" and rated as Good.

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