



Curriculum Design & Monitoring Committee

Curriculum Design & Monitoring Committee of the programme collects and analyses the feedback of stakeholder's on curriculum

Composition:

The composition of the Curriculum Design & Monitoring Committee (CDMC) is as follows:

Head of the Department	-	Chairman
2 to 3 Senior Faculties	-	Members

Activities:

The committee analyses the feedback from the stakeholder's and those inputs are forwarded to BoS for discussion.

Outcomes:

These measures ensure the dynamic involvement of the stakeholder's in the curriculum design and its fortification at multiple stages.



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be UNIVERSITY)

-Estd. u/s 3 of UGC Act 1956

Department of
Mechanical Engineering

03-07-2020

Constitution of Curriculum Design and Monitoring Committee

The Head of the Department is pleased to approve the following members for constituting the Curriculum Design and Monitoring Committee for B. Tech (Robotics and Automation Engineering).

S.No	Members	Designation
1.	Dr. L S Raju, Professor & HoD	Chairman
2.	Dr. K Venkata Rao Professor	Member
3.	Dr. G Suresh, Associate Professor	Member
4.	Mr. T Ch Anil Kumar, Assistant Professor	Member






HOD, MECH



Minutes of CDMC Meeting

06-02-2021

The members of Curriculum Design and Monitoring Committee for B. Tech Robotics and Automation Engineering program met on 19-03-2016 at AGF-04, 'U' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Dr. L S Raju, Professor & HoD	Chairman	
2.	Dr. K Venkata Rao Professor	Member	 6/02/2021
3.	Dr. G Suresh, Associate Professor	Member	
4.	Mr. T Ch Anil Kumar, Assistant Professor	Member	

Agenda of the meeting

Analysis of the feedback collected from Faculty for the AY: 2020-21.

The following are the important points of analysis obtained from various stakeholders:

1. Incorporate programming relevant to robotics
2. Courses relevant to navigation and perception of robots can be introduced
3. See the feasibility of introducing courses related to humanoids in final year
4. Introduce cyber physical systems in third year
5. Include simulation of robotics and automation systems as a practical course
6. course relevant to robot mechanisms need to be introduced
7. Offer SCADA systems to the students
8. Introduce courses related to 3D printing and Operations Research

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 ANALYSIS OF FACULTY ON B. Tech-Robotics and Automation Engineering Curriculum in AY: 2020 – 21

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

- Q1. Curriculum designed is in tune with program Vision and Mission
- Q2. Contents of the curriculum enhances the core competencies and employability skills
- Q3. Allocation of Credits to the Courses Satisfiable
- Q4. Contact Hour Distribution among the various Course Components (LTP) is Satisfiable
- Q5. Electives offered in the program makes the faculty to explore latest technologies
- Q6. Curriculum providing opportunity towards self-learning to meet the expectations
- Q7. Composition of Basic Sciences, Engineering, Humanities and Management Courses Satisfiable
- Q8. Number of theoretical courses and laboratory sessions sufficient to improve the technical skills of students

The categorization of rating is as follows: Strongly Agree (5), Agree (4), Moderate (3), Disagree (2) and Strongly Disagree (1).

Feedback Analysis is carried based on Average Satisfaction Rating. Rating categorization is carried based on Excellent (≥ 4); Very Good (≥ 3.5 & < 4); Good (≥ 3 & < 3.5); Moderate (> 2 & < 3) and Unsatisfactory (< 2)

Feedback from Faculty 2020-21 (Academic Year) - UG – B. Tech (Robotics and Automation Engineering)

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

Table 1: Analysis of feedback from Faculty 2020–21

Parameters	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
Q6	100	0	0	0	0	5	Excellent
Q7	87.5	12.5	0	0	0	4.875	Excellent
Q8	100	0	0	0	0	5	Excellent



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The score of 5 was given to the parameter "Contact Hour Distribution among the various Course Components (LTP) is Satisfiable" and "Composition of Basic Sciences, Engineering, Humanities and Management Courses Satisfiable" and has been rated as Excellent with score of 4.875.

It is clearly visible from the table that the parameters "Curriculum designed is in tune with program Vision and Mission" and "Contents of the curriculum enhances the core competencies and employability skills" obtained scores 5 and 5 respectively and has been rated as Excellent.

From the table that the parameters "Curriculum providing opportunity towards self-learning to meet the expectations" and "Number of theoretical courses and laboratory sessions sufficient to improve the technical skills of students" obtained scores 5 and 5 respectively and has been rated as Excellent. The parameters "Allocation of Credits to the Courses Satisfiable" and "Electives offered in the program makes the faculty to explore latest technologies" obtained average scores 5 and 5 respectively and has been rated as Excellent.


Chairman, CDMC