



**DEPARTMENT OF MECHATRONICS ENGINEERING
MINUTES OF THE FIFTH MEETING OF BOARD OF STUDIES**

Venue : Teleconference mode-Google Meet

Date : 07.04.2022

Time : 11:00 AM

Members Present:

S. No.	Name and Designation	Position in Committee
1.	Dr.K.Manikanda Subramanian, Professor & Head of the Department Department of Mechatronics Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore.	Chairman
2.	Dr.P.K.Palani, Professor, Department of Mechanical Engineering, Government College of Engineering, Bargur, Krishnagiri.	University Nominee
3.	Dr.B.Vinod, Professor & Head Department of Robotics and Automation Engineering, PSG College of Technology, Coimbatore..	Subject Expert
4.	Dr.Sanjivi Arul, Associate Professor, Department of Mechanical Engineering, Amrita Vishwa Vidyapeetham School of Engineering, Coimbatore.	Subject Expert
5.	Mr.T.Viswanathan, Chief Technical Officer, Maxbyte Technologies, Coimbatore.	Industry Representative
6.	Mr.R.Velkumar, Senior IoT Engineer, Maxbyte Technologies, Coimbatore.	Alumni
7.	Mr.K.Senthilkumar, Assistant Professor,	Member

	Department of Mechatronics Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore.	
8.	Mr.B.Avinash, Assistant Professor, Department of Mechatronics Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore.	Member
9.	Mr.M.Mohandass, Assistant Professor, Department of Mechatronics Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore.	Member
10.	Ms.S.Sharmila Assistant Professor, Department of Mechatronics Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore.	Member
11.	Mr.V.Arunprasath Assistant Professor, Department of Mechatronics Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore.	Member
12.	Mrs.H.Illakiah, Assistant Professor, Department of Mechatronics Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore.	Member
13.	Mr.R.Parthiban, Assistant Professor, Department of Mechatronics Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore.	Member

Agenda:

- i. Approval of Syllabi for the categories Professional Core (PC) and Professional Elective (PE) for regulation 2019 under CBCS for the batch of students to be admitted in the academic year 2019-20 onwards.

- ii. Approval of seventh and eighth semester courses and syllabi for the final year students admitted in the academic year 2019-20 under Regulation 2019.
- iii. Any other matter with the permission of the chair.

The meeting commenced with welcome address by the Chairman, Dr.K.Manikanda Subramanian. Then various items of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the members of board of studies.

- i. Latest version of text books and reference books to be followed and the same to be updated in the syllabus
- ii. The following corrections to be done in the syllabus of the course “Automotive Electronics”
 - The topic “Machine Vision in Manufacturing and Automotive Industries” may be included in unit 5
- iii. The following corrections to be done in the syllabus of the course “Robotics and Machine Vision System”
 - Course outcome and objectives should be clearly defined
 - Suggested to include the text book “Introduction to Robotics: Mechanics & control” author: John.J.Craig
 - Suggested to include the reference book “Robotics and Control” author: R.K.Mittal & I.J Nagrath
- iv. The following corrections to be done in the syllabus of the course “Computer Aided Design and Manufacturing”
 - Suggestion was made to include “Flexible Manufacturing Systems(FMS)” in Unit 4, since Computer Numerical Manufacturing(CNC) programming topics are already included in Unit 4 and 5, if we add the additional topics the syllabus becomes too vague
- v. Tutorial hours may be allotted for the following courses “Strength of Materials”, “Digital Electronics”, “Design of Mechatronics System”

After much deliberations, the following resolutions were passed.

Item 1.1: Resolved to approve the course and syllabi for the categories Professional Core (PC) and Professional Elective (PE) for regulation 2019 under CBCS for the batch of students to be admitted in the academic year 2019-20 onwards.

Item 1.2: Resolved to approve the course and syllabi of seventh and eighth semester syllabi for the final year students admitted in the academic year 2019-20 under Regulation 2019.

Since there were no other points to be discussed, the Chairman thanked all the members of the Board of Studies for their active participation, valuable suggestion and contribution made for recommending the syllabi for the categories Professional Core (PC) and Professional Elective (PE) for regulation 2019. The meeting concluded by 12.30 P.M.



CHAIRMAN