

DEPARTMENT OF MECHATRONICS ENGINEERING
Minutes of Meeting–BoS –10th November, 2021

MINUTES OF THE 3rd ONLINE MEETING

BOARD OF STUDIES OF MECHATRONICS ENGINEERING

DATE: 10th November, 2021, Wednesday

Time: 2.00 PM –3.30 PM

PLATFORM: Microsoft Team

Meeting Link: <https://teams.microsoft.com/l/meetup-join/19%3a44922ff2058940eaaa3083b13cf9de7e%40thread.tacv2/1636353368546?context=%7b%22Tid%22%3a%222666d919-f1fc-4027-b9c5-212d4e95e68a%22%2c%22Oid%22%3a%22b241d041-89f6-428e-aedc-2492bcdaee29%22%7d>

IN ATTENDANCE:

S. No	Name of the Expert	Designation	Capacity
1	Dr. V. Santhanam	Professor & Head, Department of Mechatronics Engineering, Rajalakshmi Engineering College, Chennai - 602 105. santhanam.v@rajalakshmi.edu.in Ph: 9840166401	AU Nominee
2	Dr. T. Asokan	Professor & Head, Department of Engineering Design, Indian Institute of Technology Madras, Chennai – 600036 asok@iitm.ac.in Ph: 22574707	Academic Council nominated BoS Members Due to personal commitment,
3	Dr. N. Selvaraj	Dr. N. Selvaraj, Professor, Department of Mechanical Engineering, National Institute of Technology Warangal, Telangana-506004 selva@nitw.ac.in Ph:9989231847	Dr. N. Selvaraj asked us to proceed and he told that he will accept the decision taken by BoS members.

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4	Dr. N. Manivannan	Mr. N. Manivannan Managing Director, Techland Automation, 196 Dindigul main road, Tiruchirappalli - 620001. info@techland.in Ph:9994304608	Industrialist
5.	Dr. D. Kannadassan	Dr. D. Kannadasan, Associate Professor, Center for Nanotechnology Research, Vellore Institute of Technology, Vellore-600 014 dkannadasan@vit.ac.in Ph:91-9944055243	Alumni

FACULTY OF MECHATRONICS ENGINEERING		MEMBERS
S. No	Name of the Faculty	Designation
1	Dr. K. Kannan	Professor & Head
2	Dr.S.Rajeshbabu	Assistant Professor
3	Mr. G. Sakthivel	Assistant Professor
4	Mr. A. Arul Kumar	Assistant Professor
5	Mr. P. Balasundar	Assistant Professor
6	Mr. S.David Blessley	Assistant Professor
7	Mr. S.Wesley Moses Samdoss	Assistant Professor
8	Mr. A. Ganesan	Assistant Professor

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1. The meeting started in online mode in Microsoft Teams platform at 2.00pm.
2. Mr. S.Wesley Moses Samdoss, Asst.Professor /MTRE gave a warm cordial welcome to all the members of the Board of Studies.
3. Dr. K. Kannan presented the Vision and Mission statement of the Department.
4. Dr. K. Kannan disseminated the PEOs & PSOs of the department.
5. Dr.K.Kannan presented the III AC Meeting Points and its recommendations. He also mentioned about the reduction in the intake of the B.E.Mechatronics program from 60 to 30.
6. Dr. T. Asokan enquired about the Existing R2020 guidelines and Proposed Amendment in R2020 Guidelines.
7. Dr.K.Kannan discussed in detail about the R2017 new amendment introduced by Anna University to its affiliated colleges.
8. BoS members approved the minutes of the Special BoS meeting held on 30-09-2021.
9. BoS Members discussed in detail about the R2020 III Year Curriculum and Syllabus and approved it for implementation.
10. Based on the Members suggestions online courses will be offered in VI Semester and VII Semester.
- 11.Dr.T.Asokan suggested giving Professional Elective Papers in continuity. He suggested to ensure that continuity in Professional Elective.
- 12.Dr.K.Kannan presented the curriculum and Syllabus for the open elective courses offered by the Mechatronics Engineering to other programs.
- 13.Members ensured that the open elective papers given by our program must be our core paper and none of other programs doesn't offered by other programs.
- 14.Members clarified about the Prerequisite if any for open elective courses.
- 15.Dr.T.Asokan suggested Automotive systems syllabus looks like a heavy one and asked the department faculty to review the syllabus.





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- 16.Mr. P. Balasundar, AP/MTRE suggested to reduce the topic of Two Stroke and Four Stroke topics from the syllabus.
- 17.Dr. V. Santhanam suggested to give open Elective papers as a motivating interdisciplinary projects related with our department.
- 18.Dr. K. Kannan accepted the members request on reducing the Syllabus of Automotive systems.
- 19.Members suggested open elective papers which help the other students to explore the Mechatronics Engineering.
- 20.Members suggested to provide a Value Added Course on Real time Applications development using Lab view. Members approved the three member committee constituted to follow up the Value Added Courses.
21. Members suggested providing Online Course in NPTEL Platforms. The student has to pass the NPTEL Course, if fail he need to write some other paper in next semester. Additional internal exam can be given to Online Course.
- 22.Members suggested the students to undergo the Internship at Research Organizations / Industries.
- 23.Dr. K. Kannan presented the three member committee for monitoring the Internship and seeking approval from members.
- 24.Dr. T. Asokan suggested the internship will help the students to get into placement. So the credits may given to the beneficiary of the students.
- 25.Dr. K. Kannan discussed the problems associated with the admission of Lateral Entry and transfer students as per R2020 Curriculum . So he presented the R2021 First Year Curriculum to the members and seeking their approval.
- 26.Dr. T. Asokan enquired about the availability of Licensed MATLAB/Labview Softwares. He suggested to Provide the Labview in the upcoming semester instead of II Semester.
- 27.Members discussed about the starting of new PG Programme in Industrial Automation and Robotics.
28. Dr. K. Kannan presented the Curriculum and credits for PG Programme and seeking approval from members.





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- 29.Dr. T. Asokan suggested removing Robot Economics from Professional Elective since it is an professional core course.
30. Dr. V. Santhanam suggested to take care on open Elective papers offered by other branches should not be in Core/ Elective Course.
- 31.Dr. N. Manivannan suggested making the curriculum and syllabus for industry readiness.
- 32.Mr. A. Arul Kumar proposed the vote of thanks to all the external and internal experts and the meeting adjourned.



