

SWARNANDHRA

COLLEGE OF ENGINEERING & TECHNOLOGY

ACCREDITED BY NATIONAL BOARD ACCREDITATION, AICTE, NEW DELHI

ACCREDITED BY NAAC WITH "A" GRADE-3.32 CGPA

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Seetharamapuram, Narsapuram-534280, W.G Dist.,

BOARD OF STUDIES U.G.

DEPARTMENT OF MECHANICAL ENGINEERING(ROBOTICS)

S.No	Name	Designation	Contact Details	Remarks
1	Dr.A.Gopichand	Professor	Head of the Department, ME Dept, SCET	Chairman
2	Dr. A. Gopala Krishna	Professor	Dept. of MECH. JNTUK, KAKINADA	Subject Expert, Nominated by V.C
3	Dr. P. Rajalakshmy	Associate Professor & HOD	Karunya University, Tamilnadu	Subject Expert
4	Dr. Shital S. Chiddarwar	Associate Professor	Dept. of MECH. VNIT, Nagpur-10	Subject Expert
5	Dr.G.Krishnaiah	Retired Professor	Dept. of MECH, SVU, TIRUPATI	Subject Expert
6	Mr. R. Satyanarayana	Dy General Manager(Oprn)	Vizag Steel Plant, Visakhapatnam	Industrial Expert
7	Mr. G. V. Sai Teja	Senior Engineer (Maintenance)	Motherson Sui Systems Ltd, Talaguppe, Karnataka	Alumni Member
8	Dr. R Lalitha Narayana	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
9	Dr G Robert Singh	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
10	Dr. R Sanjeev Kumar	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
11	Dr M Francis Luther King	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
12	Dr. D Bhanu Prakash	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
13	Mr. B Srinivas	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
14	Mr. B Mahesh Krishna	Assistant Professor	Dept. MECH. SCET, Narsapur	Internal Member
15	Mr Ch Harish Kumar	Assistant Professor	Dept. MECH. SCET, Narsapur	Internal Member
16	Mr Abdul Azeez	Assistant Professor	Dept. MECH. SCET, Narsapur	Internal Member

A. Sant.
HEAD OF THE DEPARTMENT



S.
PRINCIPAL



SWARNANDHRA
COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
THIRD BOARD OF STUDIES MEETING FOR B. TECH (ROBOTICS)

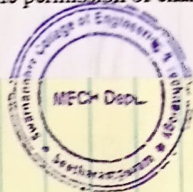
DATE: 30-06-2022

VENUE: ONLINE

TIME: 02.00 PM

AGENDA

1. Finalization of R20 Course Structure and Syllabus for B. Tech (Robotics) from V Semester to VIII Semester.
2. Any other matter with the permission of chair.



SWARNANDHRA
COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING-ROBOTICS

MINUTES OF THIRD BOARD OF STUDIES MEETING (UG-ROBOTICS)

Date: 30-06-2022

Topic: Board of Studies Meeting

Venue: Online Zoom Meeting

Time: June 30, 2022 02:00 PM

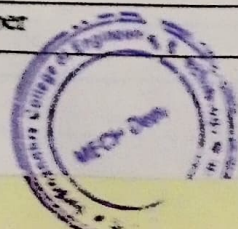
Third BOS Meeting Video Link

<https://us06web.zoom.us/j/87519827638?pwd=VmtldlR5RjVSWDcyUytCNCtKN0tJQT09>

The third board of studies meeting of the Mechanical Engineering department (ROBOTICS) held on 30th June 2022 at 2.00 PM through online mode for the approval of R20 from V to VIII semester Syllabus as per the Revised Engineering Curriculum-2020 framed by the *Andhra Pradesh State Council of Higher Education (APSCHE)*.

The following members were attended to the BOS meeting

S.NO.	Name of BOS Member	Designation in BOS
1	Dr.A.Gopichand	Chairman
2	Dr. A. Gopala Krishna JNTUK, KAKINADA	Subject Expert Nominated by V.C
3	Dr. P. Rajalakshmy, Karunya University, Tamilnadu	Subject Expert Nominated by Institute
4	Dr. Shital S. Chiddarwar VNT, Nagpur	Subject Expert, Nominated by Institute
5	Dr.G.Krishnaiah SVU, TIRUPATI	Subject Expert Nominated by Institute
6	Mr. R. Satyanarayana Steel Plant, Visakhapatnam	Industrial Expert
7	Mr. G. V. Sai Teja Motherson Sui Systems Ltd, Karnataka	Alumni Member
8	Dr. R. Lalitha Narayana	Internal Member
9	Dr. G. Robert Singh	Internal Member
10	Dr. R. Sanjeev Kumar	Internal Member
11	Dr. M. Francis Luther King	Internal Member
12	Dr. D. Bhannu Prakash	Internal Member
13	Mr. B. Srinivas	Internal Member
14	Mr. B. Mahesh Krishna	Internal Member
15	Mr. Ch. Harish Kumar	Internal Member
16	Mr. Abdul Azeez	Internal Member



The BOS Chairman Dr. A. Gopichand welcomed all the Experts and Members.

1. **Review of previous BOS meeting minutes**

The chairman discussed the second BOS meeting minutes.

2. **Discussion on R20-syllabus of V Semester to VIII Semesters for B.Tech Robotics Engineering (Applicable for the admitted batch from 2020-21)**

The chairman introduced R20 regulation syllabus for the courses from V to VIII Semester. The following were suggested by the BOS members.

- Suggested to revise **Microprocessors and Microcontrollers** course syllabus with basics.
- Recommended to add **Robo Sensors** and **Human Intelligent Robot** courses in professional core course and to include signal conditioning topic in **Robo Sensors** course.
- Suggested to replace **Flexible Manufacturing Systems** with **Industry4.0** course in professional electives.
- Recommended to replace **Automation Lab** in the place of **CNC Lab**.
- Suggested to add **Entrepreneurship** course instead off **Supply Chain Management** in professional electives.
- Suggested to revise **Control System** course syllabus with basics.
- Suggested to change **Autonomous Vehicles** course to **Mobile Robots**.
- Suggested to revise **Digital Electronics** course syllabus with basics.
- Suggested to prepare course **Machine Learning for Robotics** syllabus related to the robotics.
- Suggested to reduce the content from V unit in **Optimization Techniques** course.
- Suggested to make **Robot Operating System** course as professional core course from professional elective.

The BOS meeting is closed by the Chairmen with a letter of gratitude to all BOS members at 04.30 PM.

The screenshot displays a Zoom meeting in progress. The central area shows a presentation slide titled "MANAGEMENT - II" with a table of contents. The right sidebar shows a grid of participant video feeds. The bottom toolbar includes icons for mute, video, chat, and other meeting controls.

Sl. No.	Course	Credit	Core	Elective	Practical
1	Management - II	3	✓	✓	✓
2	Business Law	3	✓	✓	✓
3	Business Mathematics	3	✓	✓	✓
4	Business English	3	✓	✓	✓
5	Business Statistics	3	✓	✓	✓
6	Business Economics	3	✓	✓	✓
7	Business Communication	3	✓	✓	✓
8	Business Information Systems	3	✓	✓	✓
9	Business Ethics	3	✓	✓	✓
10	Business Environment	3	✓	✓	✓
11	Business Law	3	✓	✓	✓
12	Business Mathematics	3	✓	✓	✓
13	Business English	3	✓	✓	✓
14	Business Statistics	3	✓	✓	✓
15	Business Economics	3	✓	✓	✓
16	Business Communication	3	✓	✓	✓
17	Business Information Systems	3	✓	✓	✓
18	Business Ethics	3	✓	✓	✓
19	Business Environment	3	✓	✓	✓

