

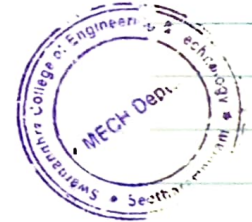
**SWARNANDHRA
COLLEGE OF ENGINEERING & TECHNOLOGY**

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ACCREDITED BY NAAC WITH "A" GRADE-3.32 CGPA

Recognised under 2(f) & 2(B) of UGC Act 1956, Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada
Seetharamapuram, Narsapuram-534280, W.G.Dist.,

**BOARD OF STUDIES P.G.
DEPARTMENT OF MECHANICAL ENGINEERING**

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2	Dr.K.Meera Saheb	Professor	Dept. of MECH. JNTUK, Kakinada	Subject Expert, Nominated by V.C
3	Dr K Ravi Kumar	Assistant Professor	Dept. of MECH. VNIT, Nagapur	Subject Expert
4	Dr. K. Linga Durai	Professor & Dean	ANNA UNIVERSITY Regional Campus Tamilnadu	Subject Expert
5	Mr. T. Mohan Krishna	Chief Engineer (MECH)	Design of Subsea pipeline, ONGC, Mumbai	Industrial Expert
6	Mr. N. Hari Durga Srinivas	IN-Support Engineer	Blue Yonder India Private Limited, Hyderabad, Telangana	Alumini Member
7	Dr. R. Lalitha Narayana	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
8	Dr G Robert Singh	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
9	Dr. R. Sanjeev Kumar	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
10	Dr. D Bhanu Prakash	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
11	Dr. M Francis Luther King	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
12	Mr.B.Srinivas	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
13	Mr. B Mahesh Krishna	Assistant Professor	Dept. MECH. SCET, Narsapur	Internal Member



A. Srinivas
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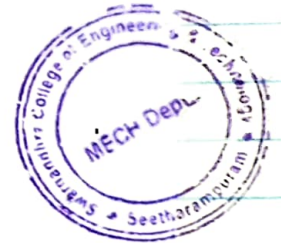
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BOARD OF STUDIES U.G.
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8	Dr G Robert Singh	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
9	Dr. R Sanjeev Kumar	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
10	Dr. D Bhanu Prakash	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
11	Dr. M Francis Luther King	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
12	Mr.B.Srinivas	Associate Professor	Dept. MECH. SCET, Narsapur	Internal Member
13	Mr. CH Harish Kumar	Assistant Professor	Dept. MECH. SCET, Narsapur	Internal Member
14	Mr. B Mahesh Krishna	Assistant Professor	Dept. MECH. SCET, Narsapur	Internal Member

A. yout
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SWARNANDHRA

COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

EIGHTH BOARD OF STUDIES MEETING- UG

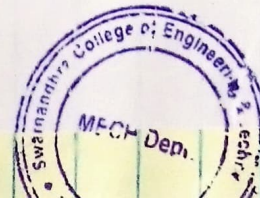
DATE: 26-06-2022

VENUE: ONLINE

TIME: 03.00 PM

AGENDA

1. Finalization of R20 Course Structure and Syllabus for B. Tech (Mechanical Engineering) from V Semester to VIII Semester.
2. Finalization of R22 Course Structure and Syllabus for M. Tech (Thermal Engineering) and M. Tech (CAD/CAM).
3. Any other matter with the permission of chair.



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

MINUTES OF EIGHTH BOARD OF STUDIES MEETING (UG-MECH)

Date: 26-06-2022

Topic: Board of Studies Meeting

Venue: Online Zoom Meeting

Time: June 26, 2022 03:00 PM

Eighth BOS Meeting Video Link

<https://us06web.zoom.us/j/82639813948?pwd=Vm40eTQxWFJyNmVOYjBFUDRSdUozdz09>

The eighth board of studies meeting of the Mechanical Engineering department held on 26th June 2022 at 3.00 PM through online mode for the approval of R20 course structure and syllabus from V to VIII semester 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. K. Meera Saheb JNTUK, KAKINADA	Subject Expert Nominated by V.C
3	Dr. P. Ravi Kumar, VNIT, Nagpur	Subject Expert Nominated by Institute
4	Dr. K. Linga Durai Anna University, Chennai	Subject Expert Nominated by Institute
5	Mr. T. Mohan Krishna ONGC, Mumbai	Industrial Expert
6	Mr. N. H. D. Srinivas Blue Yonder India Pvt. Ltd, Hyderabad	Alumni Member
7	Dr. R. Lalitha Narayana	Internal Member
8	Dr. G. Robert Singh	Internal Member
9	Dr. R. Sanjeev Kumar	Internal Member
10	Dr. M. Francis Luther King	Internal Member
11	Dr. D. Bhanu Prakash	Internal Member
12	Mr. B. Srinivas	Internal Member
13	Mr. B. Mahesh Krishna	Internal Member
14	Mr. Ch. Harish Kumar	Internal Member



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

1. Review of previous BOS meeting minutes

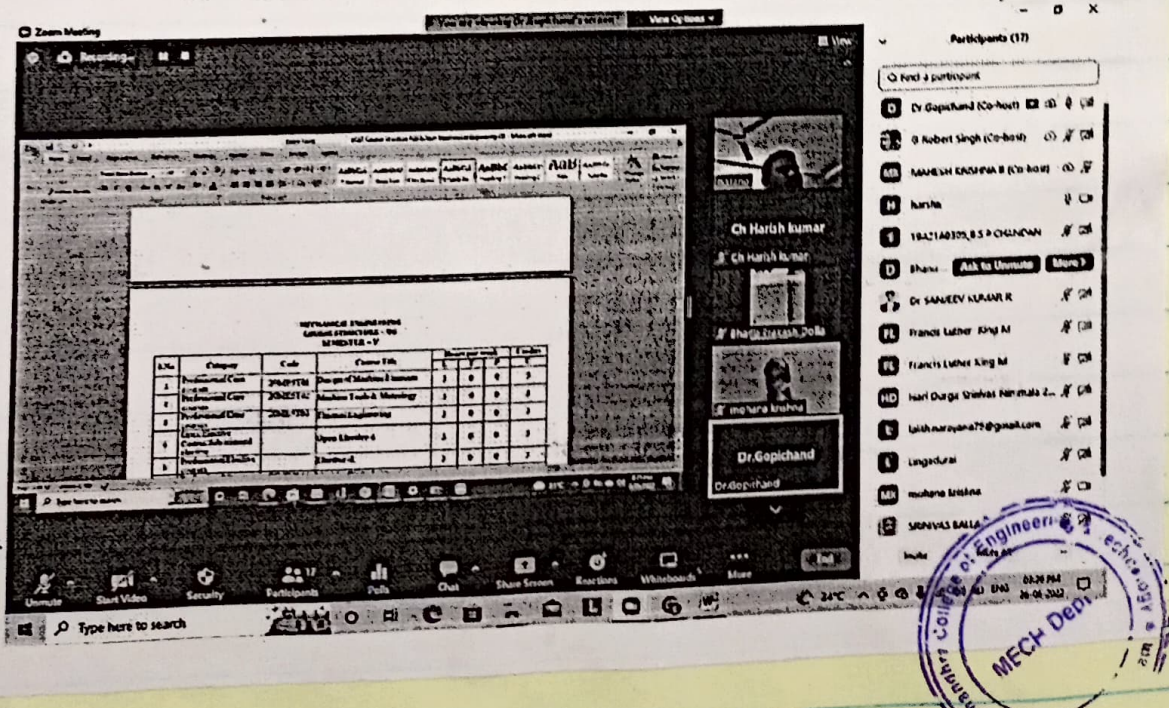
The chairman discussed the 7th BOS meeting minutes.

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

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

- Suggested to include **Industry 4.0, Petroleum Engineering, Electric Vehicle Technology and Composite Materials** in professional electives.
- Suggested to add recent topics such as solar car, hydrogen car and electrical car in **Automobile Engineering** course.
- Recommended Intelligent Manual Transmission (IMT) and Autotronics topics in **Automobile Engineering** course, and Tax slab topics in **MEFA** course.
- Recommended to include courses such as **Industrial Safety, Product Design & Development, MEMS, TQM and Renewable Energy** in minor courses.
- Suggested to include basics of Mechanical Engineering topics in minor courses.
- Suggested to include web references, internal & external marks and CO, PO & PSO mapping in every courses.
- Suggested to remove computer related courses except **Data Structure** in professional electives.
- Recommended to include **Universal Human Values** course as AICTE mandatory course.
- Suggested to add **Mechanical Vibrations** text book by Pandey in syllabus.
- Suggested to add **Finite Element Procedure** text book By Bathe in syllabus.

The BOS meeting is closed by the Chairmen with a letter of gratitude to all BOS members at 05.30 PM.



Zoom Meeting | You are viewing G. Robert Singh's screen | View Options

Elective-I	Elective-II	Elective-III	Elective-IV	Elective-V
Finite Element Analysis	Advanced Mechanics of Solids	Mechanical Vibrations	Advanced Manufacturing & Technology	Robotics
Hydrogen and Fuel Cells	Automobile Engineering	Steam and the Power Systems	Refrigeration and Air Conditioning	Power plant Engineering
Integrative and Control system	Optimization and Manufacturing Processes	Lean Manufacturing	Mechatronics	Open-Ended Mechanical Systems
Production Planning and Management	Industrial Safety and Health	Total Quality Management	Supply Chain Management	Operational Techniques
Operating systems	Data Structures	Deep Through Job	Advanced Engineering	Fundamentals of Computer Networks

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1	Restoration and repair course including Management course	RMC	18.5	12	12
2	Basic course course	BC	21	25	19
3	Engineering course course	EC	24	24	22.5
4	Professional core Course	POC	61	66	64
5	Open Elective Course	OEC	12	10	12
6	Professional Elective Course	PEC	15	10	15
7	Internship, seminar, project work	PIWJ	16.5	15	16.5
8	Mandatory course	MC	low credit	low credit	low credit
9	Skill Oriented Course	SC	10	-	10
			168	160	160

Participant List (16):

- Dr. Gopichand (Co-host)
- G. Robert Singh (Co-host)
- MANESH KRISHNA B (Co-host)
- Harish
- Ch. Harish Kumar
- Ch. Karthik Kumar
- Ungadural
- Ungadural
- Ungadural
- Dr. SANJEEV KUMAR R.
- Francis Luther King M
- Francis Luther King M
- Harit Durga Srinivas Nemesulu Z...
- lalith.harayana7@gmail.com
- Ungadural
- roshana krishna
- Srinivas Balla

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A. Gopichand
 Dr. A. Gopichand
 Chairman BOS
 Department of ME

