



SR
UNIVERSITY

Department of Mechanical Engineering

School of Engineering

Minutes of 3rd Board of Studies Meeting

2022 – 2023



SR
UNIVERSITY

MINUTES OF THE 3rd MEETING OF BOARD OF STUDIES

Date: 28.05.2022

Time: 9:30 AM

AGENDA

<u>Item No.</u>	<u>Item</u>
BoS-ME-2022-1-1	To confirm the minutes of the 2 nd Meeting of the Board of Studies held on 17.7.2021
BoS-ME-2022-1-2	To note the action taken report on the minutes of the 2 nd meeting of Board of Studies held on 17.07.2021.
BoS-ME-2022-1-3	To discussion on Feedback Analysis from Stakeholders and Action Taken, as Recommended
BoS-ME-2022-1-4	To approve the revised curriculum and syllabus of III and IV year B.Tech Mechanical Engineering Program (R20 Regulations).
BoS-ME-2022-1-5	To consider and approve the list of examiners who can serve as external evaluators of major projects, set the question papers for external examinations, and conduct practical examinations.
BoS-ME-2022-1-6	To note the placement details of mechanical engineering students graduated in the academic year 2021-22.
BoS-ME-2022-1-7	Inclusion of NEP 2020 and ensuring alignment with SDGs
BoS-ME-2022-1-8	Any other Items with the Permission of the Chair.

Dr. Vinod Kumar Venkiteswaran,
Associate Professor & Head,
Dept. of Mech. Engg.



Academic Year: 2022-23

Minutes of the 3rd Meeting of the Board of Studies held on 28.05.2022 at Conference Hall, SR University, Hanamakonda.

Date: 28.05.2022

Time: 9:30 AM

S. No	Name of the Expert	Designation	Signature
1.	Dr. Vinod Kumar Venkiteswaran Associate Prof. & Head	Chairman	
2.	Dr. Sridhar Condoor Professor, St. Louis University, USA	External Members and Subject Expert	on line
3.	Dr. G. D. Janaki Ram Professor, IIT Hyderabad	External Members and Subject Expert	
4.	Dr. L. Krishnanand Professor, NIT, Warangal	External Members and Subject Expert	
5.	Dr. I. Rajasri Reddy Principal, SRITW, Warangal	External Members and Subject Expert	
6.	Dr. V. Mahesh Professor	Member	
7.	Dr. P. Sammaiah Professor	Member	
8.	Mr. P. Satish Kumar Associate Prof.	Member	
9.	Dr. Pankaj Kumar Assistant Prof.	Member	
10.	Mrs. N. Praveena Devi Assistant Prof.	Member	

Members on Leave of absence:

The following Member expressed their inability to attend the meeting and hence requested leave from the Chairman.

S. No	Name of the Expert	Designation	Position in BoS
4	Dr. Ramakrishna	Scientist DRDL (DRDO), Hyderabad	Industry Expert
5	Dr. Mastanaiah	Scientist F, DRDL, Hyderabad	

At the outset the Chairman of Board of Studies & Head of Mechanical Engineering Department, Dr. Vinod Kumar Venkiteswaran welcomed all the Members of the Board of Studies (BoS). Then the Board took up the Agenda Items for discussion.

BoS-ME-2022-1-1: *To confirm the minutes of the 2nd Meeting of the Board of Studies held on 17.07.2021*

Notes: The minutes of the 2nd meeting of Board of Studies conducted on 17.07.2021 is enclosed as Annexure I.

Resolution: *The members noted and confirmed the minutes of the 2nd Meeting of the BoS*

BoS-ME-2022-1-2: *To note the action taken report on the minutes of the 2nd meeting of Board of Studies held on 17.07.2021.*

Notes: The action taken report on the minutes of the 2nd meeting of Board of Studies held on 17.07.2021 is enclosed as Annexure-II.

Resolution: *The members noted the action taken report of the minutes of the 2nd Meeting of the BoS*

BoS-ME-2022-1-3: To discussion on Feedback Analysis from Stakeholders and Action Taken, as Recommended by the DAC

Notes: The feedback analysis from stakeholders and the recommendations of the Departmental Advisory Committee (DAC) have been reviewed and discussed by the Board of Studies (BoS) members.

Notes: The following resolutions were taken in the DAC meeting based on the feedback received from various stakeholders:

Alumni recommended offering a range of specialized courses in Mechanical Engineering that focus on current industry trends.

Employers emphasized the importance of enhancing students' problem-solving skills and critical thinking abilities, which are crucial for addressing real-world challenges in the field of mechanical engineering. They also highlighted the need for courses that promote awareness of emerging technologies, including AI and machine learning, to support innovation and development in automation and smart manufacturing systems.

Parents suggested incorporating courses aimed at improving communication, analytical skills, and preparation for industry placements or higher education opportunities.

Faculty members suggested including courses on industry-relevant technologies like Automation and Robotics, as well as specialized modules on 3D Printing.

Based on the recommendations of the stakeholders, the following new courses are presented to the BoS for approval. The list of new courses proposed for these specializations is enclosed as Annexure III.

Resolution: The BoS members discussed the recommendations of the stakeholders and approved the introduction of the new courses for B.Tech students – to be implemented from the academic year 2022-23 as recommended by the DAC.

BoS-ME-2022-1-4: *To approve the revised curriculum and syllabus of III and IV year B.Tech Mechanical Engineering Program (R20 Regulations)*

Note:

The curriculum of B.Tech Mechanical Engineering program (R20 Regulations) as approved by the Board of Studies in its meetings held on 23.10.2020 and 17.07.2021 was implemented for the students admitted during the academic years 2020-21 & 2021-22.

However, it is proposed to make a few changes in the curriculum and syllabus of III & IV year of B. Tech Mechanical Engineering program keeping in view the potential employment opportunities for graduates in the industry. These changes will be applicable to the students admitted w.e.f. the academic year 2020-21.

The revised curriculum and syllabus of III & IV year B. Tech Mechanical Engineering program are enclosed as Annexure-IV.

Resolution:

The members considered and approved the proposed revisions in the curriculum and syllabus of III & IV year of B. Tech Mechanical Engineering program.

BoS-ME-2022-1-5: *To consider and approve the list of examiners who can serve as external evaluators of major projects, set the question papers for external examinations, and conduct practical examinations.*

Notes:

The list of examiners who can serve as external evaluators of major projects, set the question papers for external examinations, and conduct practical examinations is enclosed as Annexure-V

Resolution:

The members approved the list of examiners

BoS-ME-2022-1-6: To note the placement details of mechanical engineering students graduated in the academic year 2021-22

Note: Company Name	No. of students	Pay Package (Lakhs)
Accenture (Advanced ASE)	2	6.5
Accenture (ASE)	6	4.5
ACMEGRADE	2	1.8 - 3.6
Byjus	1	6
CEASEFIRE	1	4
GenC	6	4
Hyundai Mobis	2	4.5
Infosys	2	5
L & T	1	4
quest-global	2	3.25
TCS	2	3.36
Wipro	7	3.5
Total	34	

The members are requested to note the same.

BoS-ME-2022-1-7: Inclusion of NEP 2020 and ensuring alignment with SDGs

The Chairman of the Board of Studies presented to the members that the Curriculum Design Committee is considering input from the statutory committee, addressing various needs, including global and local perspectives, suggestions from NEP 2020, and the Sustainable Development Goals (SDGs).

The committee is focusing on courses

- Holistic and multidisciplinary education.
- Incorporation of Liberal Arts, Humanities, and Social Sciences (LHS).
- Emphasis on skill development through technology integration projects, internships, and externships.
- Availability of advanced certifications.
- Encouragement of extracurricular activities such as NSS, NCC, and hobbies.
- Inclusion of co-curricular and extracurricular electives.
- Alignment of the curriculum with program outcomes specified by the National Board of Accreditation (NBA).

Resolution: The members appreciated the department for initiating the inclusion of NEP 2020 and also aligning the courses with SDGs.

BoS-ME-2022-1-8: *Any other Item with the permission of the Chair.*
Nil



**REGISTRAR
SR UNIVERSITY**
(V) Ananthasagar, (M) Hasanparthy,
Dt: Hanamkonda-506 371, T.G.



CHAIRMAN
Board of Studies

The inputs of the stakeholders based on their feedback are as follows:

1. Alumni recommended offering a range of specialized courses in Mechanical Engineering that focus on current industry trends.
2. Employers emphasized the importance of enhancing student's problem-solving skills and critical thinking abilities, which are crucial for addressing real-world challenges in the field of mechanical engineering.
3. They also highlighted the need for courses that promote awareness of emerging technologies, including AI and machine learning, to support innovation and development in automation and smart manufacturing systems.
4. Parents suggested incorporating courses aimed at improving communication, analytical skills, and preparation for industry placements or higher education opportunities.
5. Faculty members suggested including courses on industry-relevant technologies like Automation and Robotics, as well as specialized modules on 3D Printing.



REGISTRAR
SR UNIVERSITY
√) Ananthasagar, (M) Hasanparthy,
Dt: Hanamkonda-506 371, T.G.



CHAIRMAN
Board of Studies

Annexure-III

The list of the new courses that have been incorporated into the curriculum is provided below:

List of New Courses**AY: 2022-2023**

S.No.	Course Code	Course	Hours/Week			
			L	T	P	C
1	22OE132	Operation Research	3	0	0	3
2	22OE133	Introduction to Digital Manufacturing and Design	2	0	2	3
3	22OE134	Smart Manufacturing	2	0	2	3
4	22OE135	3D Printing	2	0	2	3
5	22OE136	Mechatronics	2	0	2	3
6	22OE137	Industrial IoT	2	0	2	3
7	22OE138	Renewable Energy Resources	3	0	0	3


REGISTRAR
SR UNIVERSITY
(V) Ananthasagar, (M) Hasanparthy,
Dt: Hanamkonda-506 371, T.G.


CHAIRMAN
Board of Studies