

## Department of Mechanical Engineering

### Circular

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It is informed that the third BoS Meeting will be held on 31-01-2024 at 12:00 pm in the HoD's chamber to discuss the following agenda points.

### AGENDA

**Item-1:** Introduction of Board of Studies (BoS) Members.

**Item-2:** About the Department / Accreditations / Recognitions

**Item-3:** B.Tech Mechanical Engineering; R 22 Regulations

**Item-4:** B.Tech Mechanical Engineering-III Year Course Structure and Detailed Syllabus.

**Item-6:** Any other points with the permission of chair.



Mr. Y. Krishnaiah

**HoD & Chairman BoS**

**H O D**  
Department of Mechanical Engineering  
Sreyas Institute of Engineering & Technology  
Nagole, Hyderabad

## Department of Mechanical Engineering

### Minutes of meeting:

Minutes of the Meeting of Board of Studies (BoS), Mechanical Engineering Department was conducted on **31-01-2024 at 12:00 pm** in HoD's Chamber through online.

#### AGENDA:

**Item-1:** Introduction of Board of Studies (BoS) Members.

**Item-2:** About the Department / Accreditations / Recognitions

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**Item-4:** B.Tech Mechanical Engineering-III Year Course Structure and Detailed Syllabus.

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#### Points discussed:

1) **Dr. M. Manzoor Hussain**, Professor of Mechanical Engineering at JUTUH, UCEH, confirmed all the points, including the B.Tech, III-Year Course Structure, and Syllabus.

2) **Dr. K. Chandra Shekar**, Professor of Mechanical Engineering and Dean of Academics at Vignan Institute of Technology and Science, suggested including specific graphs and tables from the 'Design Data Book' in the course for Design of Machine Members – I.


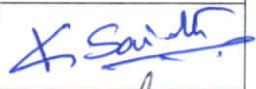
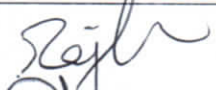

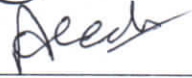
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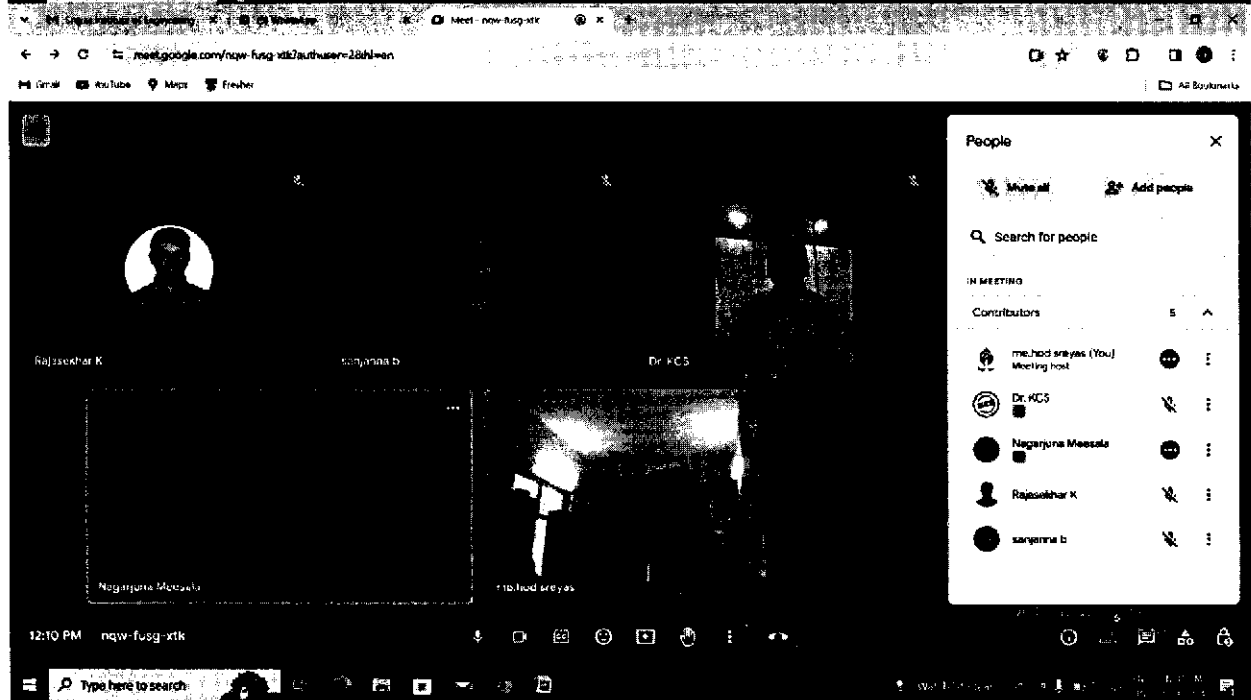
B.Tech, III-Year's Course & Syllabus

*The Board of Studies meeting was concluded with vote of thanks.*

## Department of Mechanical Engineering

### Board of Studies - Members

S.No	Name	Designation	Position	Signature
1	Mr. Y.Krishnaiah	HoD, ME	Chairman	
2	Dr. M.Manzoor Hussain	Prof of ME, JNTUH, UCEH	University Nominee	
3	Dr. Uday Bhaskar	Senior Manager, Hindustan Aeronautical Limited	Industrialist	
4	Mr. K.Sainath	Assoc.Prof, SIET	Specialized Faculty-1	
5	Mr. K.Rajasekhar	Assoc.Prof, SIET	Specialized Faculty-2	
6	Mr. KLN.Murthy	Asst.Prof, SIET	Specialized Faculty-3	
7	Mr. T.Abhishake	3-D Solution Entrepreneur	Alumni Student	
8	Dr. K.Chandra shekar	Professor of M.E. and Dean Academics, Vignan Institute of Technology and Science	Subject Expert-1	
9	Dr. M.Nagarjuna	Associate Professor, Department of Mechanical engineering, Brilliant institute of Engineering And Technology, Hyderabad	Subject Expert-2	
10	Mr. DV.Paleshwer	Assoc.Prof, SIET	Faculty	
11	Mr. T.Ravi	Asst. Prof, SIET	Faculty	
12	Mr. B.Sanjanna	Asst. Prof, SIET	Faculty	
13	Mr. K.Ch.Gnana Praksh	Asst. Prof, SIET	Faculty	





## Department of Mechanical Engineering

### III year Course Structure & Syllabus (R22 Regulations)

Applicable from AY 2022-23 Batch

#### III YEAR I SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1.	ME501PC	Dynamics of Machinery	3	0	0	3
2.	ME502PC	Design of Machine Elements	3	0	0	3
3.	ME503PC	Metrology & Machine Tools	3	0	0	3
4.	SM504MS	Business Economics & Financial Analysis	3	0	0	3
5.	ME505PC	Steam Power & Jet Propulsion	3	0	0	3
6.	ME506PC	CAD/CAM	2	0	0	2
7.	ME507PC	Thermal Engineering Laboratory	0	0	2	1
8.	ME508PC	Metrology & Machine Tools Laboratory	0	0	2	1
9.	ME509PC	Kinematics & Dynamics Laboratory	0	0	2	1
10.	*MC510	Intellectual Property Rights	3	0	0	0
		<b>Total Credits</b>	<b>20</b>	<b>0</b>	<b>6</b>	<b>20</b>

#### III YEAR II SEMESTER

S. No	Course Code	Course Title	L	T	P	Credits
1.	ME601PC	Machine Design	3	0	0	3
2.	ME602PC	Heat Transfer	3	0	0	3
3.	ME603PC	Finite Element Methods	3	0	0	3
4.		Professional Elective - I	3	0	0	3
5.		Open Elective - I	3	0	0	3
6.	ME604PC	Heat Transfer Lab	0	0	2	1
7.	ME605PC	Computer Aided Engineering Laboratory	0	0	2	1
8.	EN608HS	Advanced English Communication Skills Laboratory	0	0	2	1
9.	ME607PC	Industry Oriented Mini Project/ Internship	0	0	4	2
10.	*MC609	Environmental Science	3	0	0	0
		<b>Total Credits</b>	<b>18</b>	<b>0</b>	<b>10</b>	<b>20</b>

Environmental Science in III Yr II Semester Should be Registered by Lateral Entry Students Only.



\*MC – Satisfactory/Unsatisfactory

**Professional Electives Offered In R22**

**Professional Elective - I**

ME611PE	Unconventional Machining Processes
ME612PE	Production Planning & Control
ME613PE	Operations Research
ME614PE	Microprocessors in Automation

**List of Open electives**

**Open Elective (OE-I)**

1. Basic Mechanical Engineering
2. Renewable energy Sources