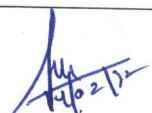
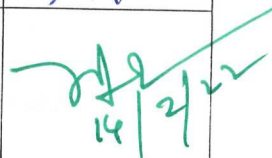

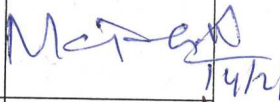
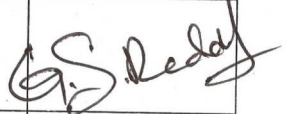





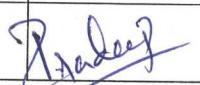


DEPARTMENT OF MECHANICAL ENGINEERING  
MINUTES OF MEETING - BOARD OF STUDIES (BOS)

Minutes of meeting of Board of Studies of Department of Mechanical Engineering is held on 14<sup>th</sup> February 2022 at 02:00 PM in IQAC, MG Block.

**Members Present**

S. No.	Name of the Faculty	Designation	Signature
1	Dr. D.V. Sreekanth (Professor & HOD)	Chairman	
2	Dr. M. T. Naik (Professor, ME Dept & Vice Principal, JNTUCE, JNTUH)	University Nominee	
3	Dr. M. Amarnadha Reddy (Professor & HOD, MRCET)	Educationist	
4	DR. D. Maneiah (Professor & HOD, CMRTC)	Educationist	
5	Mr. Surendra Nath Reddy (AOF Filtration Pvt. Ltd)	Industrialist	
6	Dr. B. Ravi Naik (Associate Professor)	Faculty Member	
7	Dr. M. Lavanya (Associate Professor)	Faculty Member	
8	Mr. T. Paramesh (Associate Professor)	Faculty Member	
9	Dr. S. V. S. R. K. Raju (Dean Academics)	Member	
10	Dr. D. Ranadheer Reddy (Professor & HOD S&H)	Member	
11	Mr. Y. Pradeep (Hyundai)	Alumni Member	

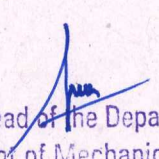
The Meeting began with Chairman, Board of Studies extending a warm welcome to all the members participating in the meeting.



The following points were discussed and approved during the meeting

1. The following proposed R20 Course Structure and the detailed syllabi of III-I, III-II, IV-I and IV-II were presented, discussed and approved.

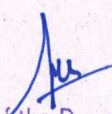
S. No.	Theory	Laboratory
<b>III B. Tech I Semester</b>		
1	1. Design Of Machine Member-I 2. Thermal Engineering-II 3. Metrology and Machine Tools 4. Business Economic and Financial Analysis 5. Refrigeration And Air Conditioning 6. Environmental Science	1. Thermal Engineering Lab 2. Machine Tools Lab 3. Engineering Metrology Lab
<b>III B. Tech II Semester</b>		
2	1. CAD/CAM 2. Design Of Machine Member-II 3. Heat Transfer 4. Fundamentals of Management 5. Open Elective-I 6. Professional Elective –I 7. Intellectual Property Rights	1. Heat Transfer Lab 2. CAD/CAM Lab 3. Advance English Communication Skills Lab
<b>IV B. Tech I Semester</b>		
3	1. Operations Research 2. Open Elective – II 3. Professional Elective -II 4. Professional Elective –III 5. Professional Elective –IV	1. Industrial Oriented Mini Project/ Summer Internship 2. Seminar 3. Project Stage – I
<b>IV B. Tech II Semester</b>		
4	1. Open Elective – III 2. Professional Elective-V 3. Professional Elective – VI	1. Project Stage – II

  
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2. The following proposed R22 Course Structure and the detailed syllabi of I-I, I-II, II-I and II-II were presented, discussed and approved.

S. No.	Theory	Laboratory
<b>I B. Tech I Semester</b>		
1	1. Linear Algebra and Calculus 2. Engineering Physics 3. Programming for Problem Solving Engineering 4. Engineering Graphics 5. Environmental Science	1. Engineering Physics Lab 2. Programming for Problem Solving Lab 3. Technical Seminar
<b>I B. Tech II Semester</b>		
2	1. Advanced Calculus 2. Engineering Chemistry 3. Engineering Mechanics 4. Professional English	1. Engineering Workshop 2. Engineering Chemistry Lab 3. English Language and Communication Skills Lab 4. Micro Projects
<b>II B. Tech I Semester</b>		
3	1. Probability Statistics and Complex Variables 2. Mechanics of Solids 3. Metallurgy and Material Science 4. Kinematics of Machinery 5. Thermodynamics 6. Constitution of India	1. Material Science Lab 2. Mechanics of Solids Lab 3. Machine Drawing Practice
<b>II B. Tech II Semester</b>		
4	1. Production Technology 2. Dynamics of Machinery 3. Thermal Engineering – I 4. Fluid Mechanics and Hydraulic Machines 5. Basic Electrical Engineering 6. Gender Sensitization	1. Production Technology Lab 2. Fluid Mechanics and Hydraulic Machines Lab 3. Kinematics & Dynamics Lab

  
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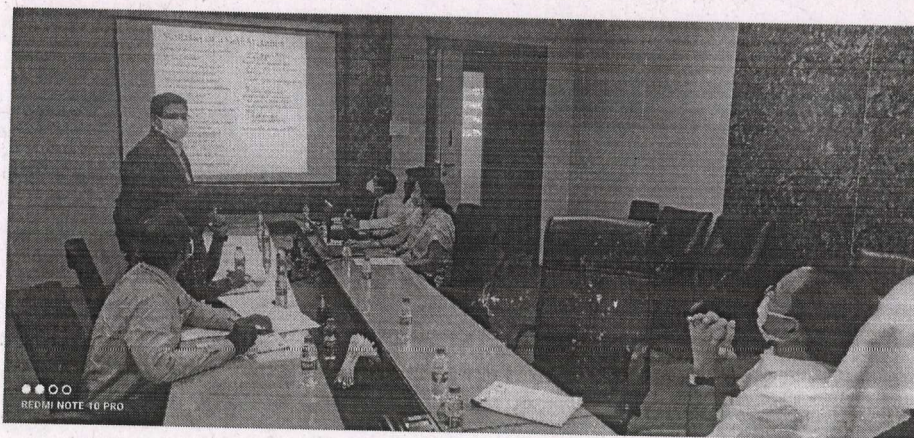


3. R22 Course Structure of III-I, III-II, IV-I and IV-II were presented, discussed and approved.

The following points were suggested for future possible implementations

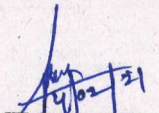
- BOS committee suggested some modifications in professional Elective courses. Also suggested to implement advanced courses.
- Suggested to implement Artificial Intelligent and Cyber security as non-credit courses and suggested to reallocate some noncredit courses
- Suggested few changes in syllabus of two subjects (UCMP, MTD).
- Suggested some modifications in Open Electives.
- Increase in Course Objects and Course Outcomes of selected courses.
- Suggested to introduce some Textbook Titles with Author names.
- Suggested to introduce one more Experiment in some labs.
- Suggested to make Gender Sensitization as Theory Subject instead of lab.

The meeting ended with chairman thanking members for their lively and useful interaction to evolve a best possible course structure and syllabus for the B. Tech Mechanical Engineering programme.



Copy to:

1. Principal
2. IQAC

  
HOD MECHANICAL Department  
Department of Mechanical Engineering  
St. Martin's Engineering College