



SIR C R REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

VATLURU, ELURU - 534 007, ELURU DIST., ANDHRA PRADESH, INDIA

Approved by AICTE, Accredited by NBA (U.G. : CSE, IT, ECE, EEE, ME), Permanently Affiliated to JNTUK, Kakinada
www.sircrrengg.ac.in, Phone Off : (08812) 230840, Email : principal.sircrrengg@gmail.com

2nd MEETING OF THE BOARD OF STUDIES IN DEPARTMENT OF MECHANICAL ENGINEERING

Dear Sir,

**Sub: Sir C R Reddy College of Engineering – Autonomous – 2nd Meeting of the Board of Studies in
Department of Mechanical Engineering – request – Reg.**

Greetings from Sir C R Reddy College of Engineering (Autonomous), Eluru.

This is to inform you that the 2nd meeting of the Board of studies in Mechanical Engineering Department is scheduled at 09:15 AM, on 29-04-2025, Tuesday. You are requested to make it convenient to attend the meeting. We are looking forward for your active participation and valuable contributions in the meeting of the Board of studies.

Agenda:

1. Welcome address by BOS Chairman.
2. Discussion and Approval of Course Structure for II B.Tech. I & II Semester of Mechanical Engineering as per CR-24.
3. Discussion and Approval of Syllabus for II B.Tech. I & II Semester offered by Mechanical Engineering as per CR-24.
4. Discussion and Approval of Course Structure for II M.Tech. III & IV Semester offered by Mechanical Engineering as per CR-24.
5. Discussion and Approval of Syllabus for II M.Tech. III & IV Semester offered by Mechanical Engineering as per CR-24.
6. Discussion and Approval of Model Question Papers for II B.Tech. I & II Semester and II M.Tech. III & IV Semester.
7. Discussion and Approval of External Expert Nominees for Question Paper Setting and Evaluation.
8. Any other items with the permission of the Chair.

Venue: Offline: Research Lab, Mechanical Engineering Department.
Online: Zoom Link

Thanking you sir,

Yours faithfully


Dr K RAMBABU

CHAIRMAN-BOS IN MECHANICAL ENGINEERING



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DEPARTMENT OF MECHANICAL ENGINEERING

BOS Members

S.No.	NOMINATION	NAME OF THE MEMBER & AFFILIATION
1	Chairman	Dr. Kantipudi Rambabu Professor & HOD Mechanical Engineering Department
2	Expert member nominated by University	Dr. B. Balakrishna Professor Mechanical Engineering JNTUK 8978618555 balakrishnajntu06@gmail.com
3	Expert member nominated by Academic council	Dr. A. Veeresh Babu Professor Mechanical Engineering NIT Warangal 9441120203 avbabu@nitw.ac.in
4	Expert member nominated by Academic council	Dr. Hymavathi Madivada Assistant Professor Mechanical Engineering NIT Tadepalligudem 7586099024 hymamadivada@nitandhra.ac.in
5	Industry	Sri .T. Pardha Saradhi Managing Director Prakasa Spectro Cast Pvt. Ltd. Prakash Nagar, Enikepadu, Vijayawada-521108. 9849558003 prakasaspectro@gmail.com
6	Alumni	Sri V Shakti Kiran Door No : 20A-13-35, Sabbavarapu vari street Kothapeta, Gandhi Nagar, Eluru, Eluru District - 534002 7780321747 vshaktikiran@gmail.com
7	Faculty	1. Dr. Jasti Sudhir Kumar 2. Dr. Kolli Lalit Narayan 3. Dr. Mokkapati Srirama Murthy 4. Dr. Khandavalli Sunil Rantna Kumar 5. Dr. Thadivaka RamaKrishna 6. Sri Dhanalakoti Satyanarayana 7. Sri Kakarala V.P.P.Chandu



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**Chairman, Board of Studies
Department of Mechanical Engineering**

**SIR C.R. REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING**

DATE: 29-04-2025

**Minutes of the 2nd Board of Studies (BOS) Meeting for CR-24 Course
Structure and Syllabus held on 29th April, 2025 at 09 : 15 AM**

ITEM 1: Welcome address by BOS Chairman.

Dr. K Rambabu, Chairman of the Board of Studies, chaired the second meeting via hybrid mode and welcomed all the members to the Board of Studies meeting in the Department of Mechanical Engineering.

Dr. B. Balakrishna sir has given the guidelines to frame course structure and syllabus of autonomous institutions and asked the department to incorporate relevant academic or industry-oriented enhancements while retaining the core structure and asked to propose if any modifications in the syllabus.

The discussion on the items listed in the meeting agenda was conducted, and the following resolutions were passed by the BOS members.

ITEM 2: Discussion and Approval of Course Structure for II B.Tech. I & II Semesters of Mechanical Engineering as per CR-24.

Resolution: After detailed discussion, All the BOS members approved the CR-24 course structure for the II B.Tech. I & II Semesters as presented.

ITEM 3: Discussion and Approval of Syllabus for II B.Tech. I & II Semesters offered by Mechanical Engineering as per CR-24.

After detailed discussions, the Board shared their suggestions on the II B.Tech. I & II Semesters syllabus under the CR-24 Regulations. The following suggestions were made by the board members.

1. Dr. J Sudhir Kumar sir suggested
 - a. To modify the syllabus of the Industrial Management course by excluding the Financial Management topic and restructuring the remaining syllabus into five units.
 - b. To reduce the number of experiments in the Manufacturing Processes Laboratory, in view of the time constraints within the semester.
 - c. To revise selected topics in the Manufacturing Process theory course to enhance its relevance and clarity.

- d. To reduce the content related to Production Drawing topic in Computer-aided Machine Drawing, making it more concise and manageable for students.
2. Dr. B. Balakrishna garu and other BoS members discussed each of the above suggestions. The following opinions and decisions were made:
- a. The Board agreed to exclude the Financial Management topic and approved the restructuring of the Industrial Management syllabus into five units.
 - b. Dr. M. Hymavathi madam and Dr. A. Veeresh Babu sir opined that the Manufacturing Process syllabus should remain unchanged, with the exception of excluding the "Thermit Welding" concept.
 - c. Regarding the Manufacturing Processes Lab, Dr. B. Balakrishna sir and the Board suggested excluding experiments that overlap with First-Year Engineering Workshop and retain all other experiments.
 - d. On the suggestion to reduce Production Drawing in the Computer-aided Machine Drawing course, Dr. A. Veeresh Babu sir and Mr. T. Pardha Saradhi garu advised against making changes, citing the importance of assembly and production drawing.
 - e. Dr. B. Balakrishna sir advised to continue with the current syllabus of Computer-Aided Machine Drawing and he also assured that, if any challenges arise, he would consult university-level experts for further guidance.
 - f. T. Pardha Saradhi garu recommended organizing industrial visits for students during the delivery of casting topic in the Manufacturing Process theory to enhance practical understanding.

Resolution:

1. The Board accepted the proposal made by Dr. J. Sudhir Kumar sir to modify the Industrial Management syllabus by excluding the Financial Management topic and reorganizing the remaining content into five units, in alignment with the JNTUK R20 syllabus.
2. The Board agreed with the suggestions given by Dr. M. Hymavathi Madam, Mr. T. Pardha Saradhi garu, and Dr. A. Veeresh Babu sir and approved the exclusion of the "Thermit Welding" topic from the Manufacturing Process subject.
3. Based on the suggestions from Dr. B. Balakrishna sir and Dr. A. Veeresh Babu sir, the Board recommended that experiments in the Manufacturing Processes Lab which are already covered in the First-Year Engineering Workshop be excluded, while all remaining experiments shall be retained.
4. The Board did not approve any changes to the Computer-Aided Machine Drawing syllabus, and resolved to continue with the existing syllabus. It was also noted that any future difficulties may be addressed in consultation with JNTUK experts.
5. The Board appreciated the suggestion made by Mr. T. Pardha Saradhi garu to organize industrial visits during the delivery of the casting topic in the Manufacturing Process course to provide students with enhanced practical exposure.

ITEM 4: Discussion and Approval of Course Structure for II M.Tech. III & IV Semesters offered by Mechanical Engineering as per CR-24.

Resolution: After detailed discussion, All the BOS members approved the CR-24 course structure for the II M.Tech. III & IV Semesters as presented.

ITEM 5: Discussion and Approval of Syllabus for II M.Tech. III & IV Semesters offered by Mechanical Engineering as per CR-24.

Resolution: All the BOS members approved the CR-24 Syllabus for II M.Tech. III & IV Semesters offered by Mechanical Engineering as per CR-24.

ITEM 6: Discussion and Approval of Model Question Papers for II B.Tech. I & II Semesters and II M.Tech. III & IV Semesters.

Resolution: All the BOS members approved Model Question Papers for II B.Tech. I & II Semesters and II M.Tech. III & IV Semesters.

ITEM 7: Discussion and Approval of External Expert Nominees for Question Paper Setting and Evaluation.

1. Dr. B. Balakrishna sir suggested including experts from premier institutes like NITs for question paper setting and evaluation.

Resolution: The Board resolved to include experts from premier institutes like NITs for question paper setting and evaluation.

ITEM 8: Any other items with the permission of the Chair.

Resolution: No other items were raised.

Meeting concluded with Vote of thanks.


Dr. K RAMBABU

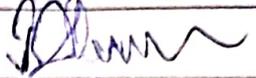
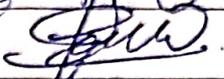
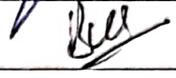
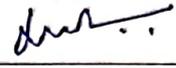
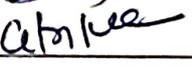
BOS CHAIRMAN - MECHANICAL ENGINEERING

**SIR C.R. REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)**

DEPARTMENT OF MECHANICAL ENGINEERING

**2nd Board of Studies Meeting held on 29-04-2025 (Tuesday) at 09:15 AM in the Research
Lab, Mechanical Engineering Department via hybrid mode**

S.No	NOMINATION	NAME OF THE MEMBER & AFFILIATION	SIGNATURE
1	Chairman	Dr. Kantipudi Rambabu Professor & HOD, Mechanical Engineering Department.	
2	Expert member nominated by University	Dr. B. Balakrishna Professor, Mechanical Engineering, Director(i/c), Academic Planning, JNTUK, Kakinada. 8978618555, balakrishnajntu06@gmail.com	
3	Expert member nominated by Academic council	Dr. A. Veeresh Babu Professor, Mechanical Engineering, NIT Warangal. 9441120203 avbabu@nitw.ac.in	ATTENDED ONLINE
4	Expert member nominated by Academic council	Dr. Hymavathi Madivada Assistant Professor , Mechanical Engineering, NIT Tadepalligudem. 7586099024, hymamadivada@nitandhra.ac.in	ATTENDED ONLINE
5	Industry	Sri .T. PardhaSaradhi Managing Director PrakasaSpectro Cast Pvt.Ltd. Prakash Nagar, Enikepadu, Vijayawada-521108. 9849558003 prakasaspectro@gmail.com	ATTENDED ONLINE
6	Alumni	Sri V Shakti Kiran Door No : 20A-13-35, Sabbavarapuvari street Kothapeta, Gandhi Nagar, Eluru, Eluru District – 534002. 7780321747 vshaktikiran@gmail.com	ATTENDED ONLINE

7	Faculty	Dr. Jasti Sudhir Kumar, Professor.	
		Dr. Kolli Lalit Narayan, Professor.	K. Lalit Narayan
		Dr. Mokkaapati Sri Rama Murthy, Professor.	
		Dr. Khandavalli Sunil Rantna Kumar, Associate Professor.	
		Dr. Thadivaka Rama Krishna, Associate Professor.	TRC
		Sri Dhanalakoti Satyanarayana, Senior Assistant Professor.	
		Sri Kakarala V.P.P. Chandu, Assistant Professor.	G. V. P. P. Chandu
		Sri Eedupuganti Venkateswara Rao, Assistant Professor.	
		Sri Bitragunta Venkata Subrahmanyam, Assistant Professor.	
		Smt. Chodagam Lakshmi Poornima, Assistant Professor.	
		Sri Lakkakula Naga Venkata Narasimha Rao, Assistant Professor.	
		Sri Chandra Rao Chandu, Assistant Professor.	
		Sri Asanbad Srinivasa Rao, Assistant Professor.	A. Srinivasa Rao
		Sri Sabbithi Daniel Ephraim Babu, Assistant Professor.	
		Miss Gowda Pavani, Assistant Professor.	G. Pavani
		Sri Thatha Naga Venkata Ashok Kumar, Assistant Professor.	T. Ashok Kumar
		Sri Shaik Saleem, Assistant Professor.	
		Sri Cheepurla Phani Kumar, Assistant Professor.	
		Sri Papatla Rajesh, Assistant Professor.	
		Sri Domathoti Bujji Babu, Assistant Professor.	D. Bujji Babu
Sri Ganapavarapu Venkata Rajesh, Assistant Professor.	G. V. Rajesh		
Sri P. Lakshmi Kala, Assistant Professor.			