

# BOARD OF STUDIES

## Resolutions of the 1st BOS Meeting of the Department of Mechanical Engineering 2025-26



**Date:**23.02.2026  
**Time:**11:00 AM  
**Mode:** Hybrid Mode

**ESWAR COLLEGE OF ENGINEERING**  
(Autonomous)

Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada.  
Address: Kesanupalli Village, Chilakaluripet Rd, Narasaraopeta, Andhra Pradesh 522549



# ESWAR COLLEGE OF ENGINEERING

Approved by AICTE New Delhi & Affiliated to JNTUK, Kakinada & SBTE&T, AP

An ISO 9001:2015 Certified Institution



+91 98855 78652  
+91 99636 34414



www.eswarcollegeofengg.org



E-Mail: info@eswarcollegeofengg.org  
E-mail: eswarcollegeofengg@gmail.com

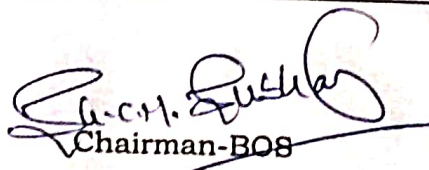


Estd:2008

## COMPOSITION OF MECHANICAL ENGINEERING- BOARD OF STUDIES

The Mechanical engineering- Board of Studies of the Eswar College of Engineering constituted with the following members:

S.No	Name of the Member	Designation/Occupation	Category
1	Sk.C.M.Subhani	Head of the Department	Chairman
2	Sk.Reshma Begum	ASSISTANT PROFESSOR	One Faculty from each specialization from the College
3	K.Jhansi Rani	ASSISTANT PROFESSOR	
4	R.S.S. Raju	ASSISTANT PROFESSOR	
5	N.Vijay Sekhar	ASSISTANT PROFESSOR	
6	L.Vijay	ASSISTANT PROFESSOR	
7	Dr.B. Chandra Mohana Reddy	Professor, Dept. of Mechanical Engineering m JNTUA	Subject experts outside parent university
8	Dr. Mamilla Ravi Sankar	Professor & Head of the Department of Mechanical Engineering, IIT Tirupathi	
9	Prof. B. Balakrishna	Professor, Dept., of ME UCEK, JNTUK, Kakinada	University Nominee
10	Kothapalli. Venkata Ramana	Assistant Engineer, TM/Stage – II/ Dr.NTTPS, APGENCO	Industry
11	Kotagiri Nagendra Rao	QA Automation Consultant, SAKSOFT LIMITED (Bengalore)	Alumni

  
Chairman-BOS

**Address:** Kesanupalli Village, Chilakaluripet Rd, Narasaraopeta, Andhra Pradesh 522549



# ESWAR COLLEGE OF ENGINEERING

Approved by AICTE New Delhi & Affiliated to JNTUK, Kakinada & SBTE&T, AP

An ISO 9001:2015 Certified Institution



+91 98855 78652  
+91 99636 34414



www.eswarcollegeofengg.org



E-Mail: info@eswarcollegeofengg.org  
E-mail: eswarcollegeofengg@gmail.com



Estd:2008

**Ref: ESWR/ME-BOS/2026/1**

**Date : 24-02-26**

## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **BOARD OF STUDIES MEETING**

#### **AGENDA**

The First Board of Studies (BoS) Meeting of Mechanical Engineering department was held on 24 Feb 2026 at 11:00am through online using Zoom link and off line at Board of Directors Room

The following points are proposed to be discuss

1. Welcome note by chairman
  2. Welcome of the Members and Invitees of the BOS members by chairman
  3. Presentation of the Draft M.Tech Programme Structure (Semester-wise) for Discussion and Approval.
  4. Presentation of the Draft Syllabus of Mechanical Engineering like Engineering Graphics, Basics of Mechanical Engineering, Engineering mechanics, Workshop lab, EM lab Courses of S&H Department for Discussion and Finalization.
  5. Approval of Academic Regulations, Credit Structure
  6. I M.Tech I SEM R25 external examinations paper setting
  7. Any other matter with the permission of the Chair
- Members present in the meeting:

**Address: Kesanupalli Village, Chilakaluripet Rd, Narasaraopeta, Andhra Pradesh 522549**



# ESWAR COLLEGE OF ENGINEERING

Approved by AICTE New Delhi & Affiliated to JNTUK, Kakinada & SBTE&T, AP

An ISO 9001:2015 Certified Institution

•91 98855 78652  
•91 99636 34414



www.eswarcollegeofengg.org



E-Mail: info@eswarcollegeofengg.org  
E-mail: eswarcollegeofengg@gmail.com



Estd:2008

S.No	Name of the Member	Designation/Occupation	Category	Sign
1	Sk.C.M.Subhani	Head of the Department	Chairman	
2	Sk.Reshma Begum	Assistant Professor	One Faculty from each specialization from the College	
3	K.Jhansi Rani	Assistant Professor		
4	R.S.S. Raju	Assistant Professor		
5	N.Vijay Sekhar	Assistant Professor		
6	L.Vijay	Assistant Professor		
7	Dr.B. Chandra Mohana Reddy	Professor, Dept. of Mechanical Engineering in JNTUA	Subject experts outside parent university	Approved Through mail
8	Dr. Mamilla Ravi Sankar	Professor & Head of the Department of Mechanical Engineering, IIT Tirupathi		Approved through mail.
9	Prof. B. Balakrishna	Professor, Dept., of ME UCEK, JNTUK, Kakinada	University Nominee	
10	Kothapalli. Venkata Ramana	Assistant Engineer, TM/Stage - II/ Dr.NTTPS, APGENCO	Industry	Approved Through mail
11	Kotagiri Nagendra Rao	QA Automation Consultant, SAKSOFT LIMITED (Bengalore)	Alumni	Approved Through mail

**Address:** Kesanupalli Village, Chilakaluripet Rd, Narasaraopeta, Andhra Pradesh 522549



# ESWAR COLLEGE OF ENGINEERING

Approved by AICTE New Delhi & Affiliated to JNTUK, Kakinada & SBTE&T, AP

An ISO 9001:2015 Certified Institution

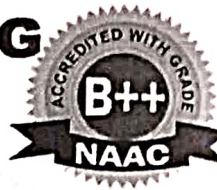
+91 98855 78652  
+91 99636 34414



www.eswarcollegeofengg.org



E-Mail: info@eswarcollegeofengg.org  
E-mail: eswarcollegeofengg@gmail.com



Estd:2008

Minutes of the ME-Board of Studies of the Eswar College of Engineering are as follows:

At the onset of the meeting, the Chairman of Board of Studies Mr. SK.C.M.Subhani, welcomed and introduced all members to the Board. The meeting began with presentation of course structure as per AICTE & JNTUK Guidelines. He then presented the various courses along with syllabus for I-I and I-II semesters of B.Tech & M.Tech courses prepared by internal BoS members.

## Resolutions of the Meeting

**Agenda 1:** To discuss and finalize the B.Tech-Mechanical Engineering UG Programme Courses and syllabus for the subjects Engineering Graphics, Engineering Mechanics, Engineering Workshop, Engineering Mechanics lab, Basics of Mechanical Engineering for I-I and I-II Semesters under R23 Regulations.

**Resolution 1:** as per the suggestions of Board of Studies experts the course contents Engineering Graphics, Engineering Mechanics, Engineering Workshop, Engineering Mechanics lab, Basics of Mechanical Engineering of I-I and I-II Semesters under R23 regulations were approved.

**Agenda 2:** To discuss and finalize the M.Tech (CAD/CAM) Course Structure and syllabus for I-I & I-II semesters under R25 Regulations

**Resolution 2:** As per the suggestions of Board of Studies experts the M.Tech (CAD/CAM) Course Structure and syllabus for I-I & I-II semesters under R25 Regulations were approved

**Agenda 3:** To discuss and finalize the Approval of Academic Regulations for M.Tech (CAD/CAM) Course under R25 Regulation

**Resolution 3:** As per the suggestions of Board of Studies experts the M.Tech (CAD/CAM) academic regulations Under R25 were approved

**Agenda 4:** To discuss and finalize the I M.Tech I sem (CAD/CAM) External Exam question paper setter for the academic year 2025-26 under R25 Regulation

**Resolution 4:** As per the suggestions of Board of Studies experts, The Subject Experts from outside Parent University suggested few names for External Exam question paper setting for I M.Tech I sem (CAD/CAM)

**Address:** Kesanupalli Village, Chilakaluripet Rd, Narasaraopeta, Andhra Pradesh 522549



# ESWAR COLLEGE OF ENGINEERING

Approved by AICTE New Delhi & Affiliated to JNTUK, Kakinada & SBTE&T, AP

An ISO 9001:2015 Certified Institution

+91 98655 78652  
+91 99636 34414



www.eswarcollegeofengg.org



E-Mail: info@eswarcollegeofengg.org  
E-mail: eswarcollegeofengg@gmail.com



Estd:2008

**Agenda 5:** Any other issue with permission of the Chairman.

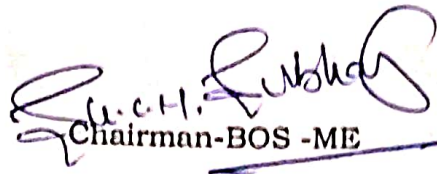
**General Suggestions by BOS Members:**

1. Since we are adopting our curriculum as it is from JNTU-Kakinada Regulations and course structure, which were as per AICTE Guidelines, the university nominee and all external members of the ME-Board of Studies accepted and suggested the same.
2. Prof. B.Balakrishna, Professor of Mechanical Engineering Department, JNTUK, Kakinada (University Nominee) Suggested not to make any changes regarding the Mechanical core courses and continue as per the course structure of JNTUK Kakinada if the college is willing to follow the same JNTUK Structure & Strictly follow the rules and regulations as per norms & also suggested to modify the M.Tech Course code that should be unique for Eswar college of engineering
3. Dr.B.Chandra Mohana Reddy, Professor, Dept. of Mechanical Engineering JNTUA College of Engineering, Anantapur (Subject experts from outside Parent University) suggested to strictly adhere to the UGC & AICTE standards and include the new concepts in curriculum as per the current technology.
4. Dr. M.Ravi Sankar Professor, Dept. of Mechanical Engineering IIT TIRUPATHI (Subject experts from outside Parent University) are suggested to include the new concepts in curriculum as per the current technology.
5. K.Venkata Ramana, Sr. Assistant Engineer, TM/Stage-II, Dr.NTTPS, APGENCO, Ibrahimpatnam (Industry expert)suggested sending the students to the industries for their internship or project work get real-time exposure and knowledge.
6. K.Nagendra Rao QA Automation Consultant SAKSOFT LIMITED, Bangalore (Alumni student) suggested that students need to gain project wise practical knowledge for real time job experience while studying and this can be done by adopting courses that have experiments included in their lab structure. He also suggested to include the advanced technical subjects & labs in syllabus & suggested to improve the knowledge of Artificial Intelligence in Mechanical engineering stream.

**Resolution 5:** While discussion on the above agenda, all members of the BOS requested for the suggestions to be included.

According to the suggestions given by the Subject Experts, Industry Expert, and all other members of the body, the Chairman of the ME-Board of Studies, Mr. SK.C.M.Subhani decided to implement the course structure and syllabus by taking the approval from the academic council in its meeting.

The meeting ended with a vote of thanks proposed by Mr. SK.C.M.Subhani, the chairman of the ME Board of Studies.

  
S.K.C.M. Subhani  
Chairman-BOS -ME

**Address:** Kesanupalli Village, Chilakaluripet Rd, Narasaraopeta, Andhra Pradesh 522549

27/02/2026, 10:01

Re: ESWAR ME BOS -1 MINUTES OF MEETINGS AND RESOLUTIONS - hodme@eswarcollegeofengg.org



## Re: ESWAR ME BOS -1 MINUTES OF MEETINGS AND RESOLUTIONS

From Dr. B. Chandra Mohana Reddy <cmr\_b.mech@jntua.ac.in>

Feb 27, 10:00 AM



to me ▾

It is ok, Ratified and approved

Regards

Dr.B.Chandra Mohana Reddy  
Professor of Mechanical Engineering  
JNTUA College of Engineering  
Ananthapuramu - 515002  
AP, India

On Fri, 27 Feb, 2026, 09:56 hodme@eswarcollegeofengg.org, <hodme@eswarcollegeofengg.org> wrote:

Respected sir,

I am Shaik Subhani , i am attaching the minutes of meeting , please find the attachment and give any suggestions for changes. if their is no modifications please reply as OK RATIFIED AND APPROVED  
THANKING YOU SIR

 Reply

 Forward



# Re: ESWAR ME BOS -1 MINUTES OF MEETINGS AND RESOLUTIONS

From Mamilla Ravi Sankar <evmrs@iittp.ac.in>

Feb 28, 11:27 AM



to me, cmr\_b.mech@jntua.ac.in, ramana.gtps@gmail.com

Dear Professor,  
Approved and Ratified from my side  
Thank you

With best regards

**Mamilla Ravi Sankar, Ph.D.**

<https://iittp.ac.in/dr-mamilla-ravi-sankar>

<https://sites.google.com/view/evmrs/home>

<https://scholar.google.co.in/citations?user=svmuyEQAAAAJ&hl=en&oi=ao>

\*\*\*\*\*

**Dr. Mamilla Ravi Sankar**

**Professor & Head of the Department**

Department of Mechanical Engineering

Indian Institute of Technology Tirupati, Yerpedu-Venkatagiri (Road)

Tirupati (District), Andhra Pradesh (State), India-517619

Email: [evmrs@iittp.ac.in](mailto:evmrs@iittp.ac.in), [ravisankarm@gmail.com](mailto:ravisankarm@gmail.com)

Phone: 08638393843 (Whatsapp & Call) | 9435769960 (Call)

**NPTEL-MOOCs Courses**

[Machining and Machining Fluids](#) | [Abrasive Machining and Finishing Processes](#) | [Polymer Assisted Abrasive Finishing Processes](#)

\*\*\*\*\*

On Fri, 27 Feb 2026 at 9:56 AM, [hodme@eswarcollegeofengg.org](mailto:hodme@eswarcollegeofengg.org) <[hodme@eswarcollegeofengg.org](mailto:hodme@eswarcollegeofengg.org)> wrote:

Respected sir,

I am Shaik Subhani , i am attaching the minutes of meeting , please find the attachment and give any suggestions for changes. if their is no modifications please reply as OK RATIFIED AND APPROVED

Reply

Reply all



27/02/2026, 10:04

Re: ESWAR ME BOS -1 MINUTES OF MEETINGS AND RESOLUTIONS - hodme@eswarcollegeofengg.org



## Re: ESWAR ME BOS -1 MINUTES OF MEETINGS AND RESOLUTIONS

From Kothapalli Venkata Ramana <ramana.gtps@gmail.com>

Feb 27, 9:59 AM



to me ▾

Very good morning sir  
All are OK RATIFIED AND APPROVED

BEST REGARDS

K VENKATA RAMANA,  
9912782888

On Fri, 27 Feb 2026 at 9:56 AM, [hodme@eswarcollegeofengg.org](mailto:hodme@eswarcollegeofengg.org) <[hodme@eswarcollegeofengg.org](mailto:hodme@eswarcollegeofengg.org)> wrote:

Respected sir,

I am Shaik Subhani , i am attaching the minutes of meeting , please find the attachment and give any suggestions for changes. if their is no modifications please reply as OK RATIFIED AND APPROVED

THANKING YOU SIR

 Reply

 Forward

27/02/2026, 10:17

Re: ESWAR ME BOS -1 MINUTES OF MEETINGS AND RESOLUTIONS - hodme@eswarcollegeofengg.org



## Re: ESWAR ME BOS -1 MINUTES OF MEETINGS AND RESOLUTIONS

From Nagendra k <knagendra4269@gmail.com>

Feb 27, 10:17 AM



to me ▾

Hi Subhani sir,

I have gone through the document and it looks fine for me, as requested  
The Document is OK RATIFIED AND APPROVED.

Thanks & Regards,  
Nagendra Rao Kotagiri.  
Sr.QA Engineer.

On Fri, 27 Feb 2026 at 09:59, [hodme@eswarcollegeofengg.org](mailto:hodme@eswarcollegeofengg.org) <[hodme@eswarcollegeofengg.org](mailto:hodme@eswarcollegeofengg.org)> wrote:

----- Forwarded message -----

From: [hodme@eswarcollegeofengg.org](mailto:hodme@eswarcollegeofengg.org) <[hodme@eswarcollegeofengg.org](mailto:hodme@eswarcollegeofengg.org)>

Date: Fri, Feb 27, 2026 9:56 AM

Subject: ESWAR ME BOS -1 MINUTES OF MEETINGS AND RESOLUTIONS

To: <[evmrs@iittp.ac.in](mailto:evmrs@iittp.ac.in)>, <[cmr\\_b.mech@jntua.ac.in](mailto:cmr_b.mech@jntua.ac.in)>, <[ramana.gtps@gmail.com](mailto:ramana.gtps@gmail.com)>

Respected sir,

I am Shaik Subhani , i am attaching the minutes of meeting , please find the attachment and give any suggestions for changes. if their is no modifications please reply as OK RATIFIED AND APPROVED  
THANKING YOU SIR

 Reply

 Forward



R-25 Syllabus for M.Tech(CAD/CAM),- ESWAR w. e. f. 2025 –26

**ESWAR COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

DEPARTMENT OF MECHANICAL ENGINEERING  
R25 M.TECH CAD/CAM COURSE STRUCTURE AND SYLLABUS

**DEPARTMENT OF MECHANICAL ENGINEERING**

**COURSE STRUCTURE & SYLLABUS FOR**

**R25 M.Tech (CAD/CAM) PROGRAM**

**(Applicable for batches admitted from 2025-2026)**



**ESWAR COLLEGE OF ENGINEERING, NARASARAO PET**

**M. Tech (CAD/CAM) I –SEMESTER**



R-25 Syllabus for M.Tech(CAD/CAM),- ESWAR w. e. f. 2025 -26

# ESWAR COLLEGE OF ENGINEERING (AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING  
R25 M.TECH CAD/CAM COURSE STRUCTURE AND SYLLABUS

S.No	Course Code	Course Title	L	T	P	C
1	D2510401	Advanced Finite Element Methods	3	1	0	4
2	D2510402	Advanced CAD	3	1	0	4
3	D2510403	AI & ML for Mechanical Engineering	3	1	0	4
4	D25104A1	Mechanical Behavior of Materials & Characterization	3	0	0	3
5	D25104A2	Optimization and Reliability				
6	D25104A3	Mechatronics				
7	D25104A4	Computational Fluid Dynamics				
8	D25104A5	NPTEL/SWAYAM MOOCs Course with 12 Weeks Duration				
9	D25104B1	MEMS: Design and Manufacturing	3	0	0	3
10	D25104B2	Design for Manufacturing & Assembly				
11	D25104B3	Fracture Mechanics				
12	D25104B4	Smart Materials				
	D25104B5	NPTEL/SWAYAM MooCs Course with 12 Week Duration				
13	D2510404	Material Processing and Characterization Lab	0	0	4	2
14	D2510405	Advanced CAE Lab	0	0	4	2
15	D2510406	Seminar-I	0	0	2	1
		Total	15	5	6	23



R-25 Syllabus for M.Tech(CAD/CAM),- ESWAR w. e. f. 2025 –26

# ESWAR COLLEGE OF ENGINEERING (AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING  
R25 M.TECH CAD/CAM COURSE STRUCTURE AND SYLLABUS

S.No	Course Code	Course Title	L	T	P	C
1	D2520401	Robotics & UAV Systems	3	1	0	4
2	D2520402	Advanced Manufacturing Processes	3	1	0	4
3	D2520403	Computer Aided Manufacturing	3	1	0	4
4	D25204A1	Precision Engineering	3	0	0	3
5	D25204A2	Theory of Elasticity and Plasticity				
6	D25204A3	Entrepreneurship & Design of Business Model				
7	D25204A4	Additive Manufacturing				
8	D25204A5	NPTEL/SWAYAM MOOCs Course with 12 Weeks Duration				
9	D25204B1	Introduction to Embedded systems	3	0	0	3
10	D25204B2	Modeling and Simulation of Manufacturing Systems				
11	D25204B3	Smart Manufacturing				
12	D25204B4	Introduction to Quantum Technologies				
	D25204B5	NPTEL/SWAYAM MooCs Course with 12 Week Duration				
13	D2520404	Robotics & UAV Systems Lab	0	0	4	2
14	D2520405	Advanced CAM Lab	0	0	4	2
15	D2520406	Seminar-II	0	0	2	1
		Total	15	5	6	23

**Note: Students are informed to complete Summer Internship (duration 8-10 weeks) at the end of the II Semester.**