

DEPARTMENT OF MECHANICAL ENGINEERING

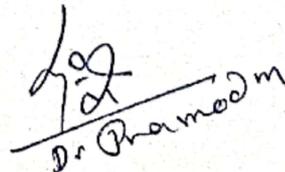
MINUTES OF MEETING

Board of Studies – B.Tech. in Mechanical Engineering

DATE	6 th December 2025	DAY	Saturday
VENUE	Online	TIME	11.00 am
ONLINE LINK	: https://meet.google.com/qsy-vzex-vaz		
RECORDING LINK	https://drive.google.com/file/d/1MPPIV114q_FIT4oqgVL-Pz6P0h7tQ1Jb/view?pli=1		
MEETING NUMBER	FIRST (MITS/ME/BS/02)		

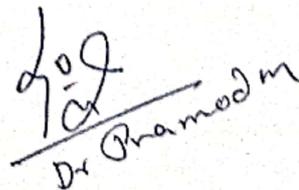
AGENDA WITH NOTES

AGENDA NO.	AGENDA	NOTES
Welcome note, introductory remarks and programme highlights		
Introducing and welcoming the University representative to BoS		
ITEMS FOR REPORTING		
MITS/ME/BS/02/00	Reporting of the academic progress of Semester 1	
MITS/ME/BS/02/01	Reporting the academic calendar of Semester 2	
ITEMS FOR CONSIDERATION & APPROVAL		
MITS/ME/BS/02/02	Curriculum 2025	Tabling the Curriculum of the program for consideration and approval.
MITS/ME/BS/02/03	Semester 2 Syllabus of Mechanical Engineering	Tabling the syllabus of courses offered in the 2 nd semester for consideration and approval.
MITS/ME/BS/02/04	Open Elective	Tabling the list courses offered as open electives for consideration and approval
MITS/ME/BS/02/05	Fast-Track Courses	Tabling the course list for fast-track option for consideration and approval.
MITS/ME/BS/02/06	Minor Degree	Tabling the Minor Degree Specialization for consideration and approval.
MITS/ME/BS/02/07	Academic Regulations 2025	Tabling the academic regulations 2025 of the programme for consideration and approval.
MITS/ME/BS/02/08	Assessment pattern	Tabling the Assessment Pattern of different course categories for consideration and approval.
ADDITIONAL ITEMS IF ANY		


 Dr. Phameem

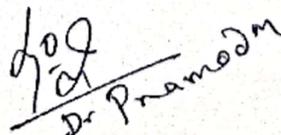
ATTENDANCE

Sl. No.	Name	Category	Designation	Position	Offline/ Online/ Apology
1.	Dr Pramod Kumar	Head of Dept	Professor	Chairperson	Online
2.	Dr. Vinay V Panicker	Subject Expert	Associate Professor	Member	Online
3.	Mr. Vinod T. Mathew	Industry Expert	Assistant Manager	Member	Online
4.	Mr. Sabeer Hussain	Alumni	Assistant Manager	Member	Online
5.	Dr Manoj Kumar K	Faculty	Professor	Member	Online
6.	Dr. Sajeeb Rahman A H	Faculty	Professor	Member	Online
7.	Mr. Juby Joseph	Faculty	Assistant Professor	Member	Online
8.	Dr. Kurian Antony	Faculty	Associate Professor	Member	Online
9.	Mr. Alvin Thariyath	Faculty	Assistant Professor	Member	Online
10.	Mr. Prislely VM	Faculty	Assistant Professor	Member	Online
11.	Dr. Nikhil M Thoppil	Faculty	Assistant Professor	Member	Online
12.	Mr. Anand Rajagopal	Faculty	Assistant Professor	Member	Online
13.	Mr. Harish Abubaker	Faculty	Assistant Professor	Member	Online
14.	Mr. Lijin Thomas	Faculty	Assistant Professor	Member	Online
15.	Mr. Vipin Vijayan	Faculty	Assistant Professor	Member	Online
16.	Dr. Vinod V	Faculty	Assistant Professor	Member	Online
17.	Dr. Eldhose Babu	Faculty	Assistant Professor	Member	Online
18.	Dr. Bibin Jose	Faculty	Assistant Professor	Member	Online


 Dr. Pramod M

MINUTES OF MEETING

ITEMS FOR CONSIDERATION																					
Welcome note and introductory remarks by the Chairperson																					
<p>The meeting started with a silent prayer. The HoD introduced and welcomed all members of the BoS especially the new University Representative Dr. Vasu V The Head of Department presented the highlights of the department (and the programme).</p> <p>The BoS noted and applauded the highlights and achievements of the department.</p>																					
Agenda No	Agenda with Decision and Notes																				
ITEMS FOR REPORTING																					
MITS/ME/BS/02/00	<p>Reporting of the academic progress of Semester 1</p> <p>The chairperson briefed the Board of Studies of the academic progress of semester 1. A detailed report was presented by the advisor Dr. Nikhil M Thoppil</p> <p>The BoS noted and applauded the highlights and progress of semester 1</p>																				
MITS/ME/BS/02/01	<p>Reporting the Academic Calendar</p> <p>The Academic Calendar is presented before the BoS.</p> <p>The BoS acknowledged the academic calendar</p>																				
ITEMS FOR CONSIDERATION & APPROVAL																					
MITS/ME/BS/02/02	<p>Curriculum 2025</p> <p>The chairperson presented the curriculum for the program before the BoS for consideration and approval.</p> <p>Resolution of Agenda No. MITS/ME/BS/01/02</p> <p>The BoS approved the curriculum for B.Tech. in Mechanical Engineering.</p>																				
MITS/ME/BS/02/03	<p>Syllabus for the 2nd semester of B.Tech. in Mechanical Engineering 2025</p> <p>The chairperson presented the draft syllabus for the courses to be offered in semester 2 for consideration and approval. The course list is given in the table.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 5%;">Slot</th> <th style="width: 20%;">Course Code</th> <th style="width: 55%;">Course Name</th> <th style="width: 20%;">Credits</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">B250902/MA2</td> <td>Mathematics for Physical Science-2</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">B250902/CH9 10B</td> <td>Chemistry for Physical Science</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">B250902/CN2 00C</td> <td>Engineering Graphics</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">D</td> <td style="text-align: center;">B250002/ME2</td> <td>Material Science and Engineering</td> <td style="text-align: center;">4</td> </tr> </tbody> </table>	Slot	Course Code	Course Name	Credits	A	B250902/MA2	Mathematics for Physical Science-2	3	B	B250902/CH9 10B	Chemistry for Physical Science	4	C	B250902/CN2 00C	Engineering Graphics	3	D	B250002/ME2	Material Science and Engineering	4
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C	B250902/CN2 00C	Engineering Graphics	3																		
D	B250002/ME2	Material Science and Engineering	4																		


 Dr. Pramod M

MITS/ME/BS/02/05	Course list for Fast-Track option					
	The chairperson presented the list courses offered as Fast Track option for consideration and approval					
	Sl. No.	Semester	Course Category	Course Description	Credits	Pre-req. Semester Eligibility
	1	3	HMT	Constitution of India	1	3 or 4
	2	6	PET	Programme - Industry Linked Elective III or IV (sem-6)	3	5
	3	6	EST	Design Thinking and Product Development	2	4 or 5
	4	6	OET	Open Elective I	3	5
	5	7	PET	Programme - Industry Linked Elective V (sem-7)	3	6
	6	7	OET	Open Elective II	3	6
	7	7	HMT	Engineering Ethics and Sustainable Development	2	5 or 6
8	6	PET	Programme - Elective VI (sem-6)	3	7	
9	6	OET	Open Elective III - Theory	3	6 or 7	
10	8	HMT	Organizational Behaviour and Business Communication	1	6 or 7	
Resolution of Agenda No. MITS/ME/BS/02/05						
The BoS approved the list of courses offered as course list for fast-track option for B.Tech. in Mechanical Engineering						

MITS/ME/BS/02/06	Minor Degree Specialization				
	The chairperson presented the list courses offered as Minor Degree Specialization for consideration and approval. The Minor degree Basket and its courses provided by the department were discussed in detail. The 3 basket and its courses are as given below				
		Course 1	Course 2	Course 3	Course 4
	Intelligent Manufacturing Systems	Product Design and Manufacturing	Rapid Manufacturing	Automation in Manufacturing	Advanced Manufacturing and Process Modelling
Financial Engineering	Financial Management for Managers	Behavioral and Personal Finance	Project Management for Managers	Mergers, Acquisitions and Corporate restructuring	
Technology Management	Knowledge Management	Strategic Management - The Competitive Edge	IP Management and Technology Transfer	Business development- from start to scale	
Resolution of Agenda No. MITS/ME/BS/02/06					
The BoS approved the list courses offered as Minor Degree Specialization for B.Tech. in Mechanical Engineering					


 Dr. Prasad

	00D		
E	B250002/ME2 00E	Engineering Thermodynamics	4
F	B250908/CN2 20F	Entrepreneurship and IPR	3
K	B250908/CN9 10K	Health and wellness	1
U	B250002/CN2 30U	Electrical and Electronics Fundamentals Lab	1
Skill Enhancement Course			

Resolution of Agenda No. MITS/ME/BS/02/03

The BoS approved the syllabus for semester 2 of B.Tech. in Mechanical Engineering.

MITS/ME/BS/02/04

List courses offered as Open Electives

The chairperson presented the list courses offered as open electives for consideration and approval. The open elective course provided by the department were discussed in detail. The list is as given below

SEMESTER 6

- B250908/CN657H Industrial Safety
- B250908/CN659H Marketing Management
- B250908/CN661H Project Management

SEMESTER 7

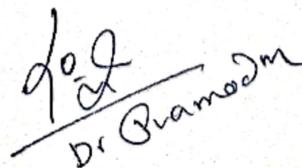
- B250908/CN757H Industrial Psychology

SEMESTER 8

- B250908/CN857H Green Technology
- B250908/CN858H Leadership in Sustainability
- B250908/CN860H Sustainable Biomaterials
- B250908/CN863H Sustainable Manufacturing

Resolution of Agenda No. MITS/ME/BS/02/04

The BoS approved the list of courses offered as Open Electives for B.Tech. in Mechanical Engineering


 Dr. Pramod M

MITS/ME/BS/02/07	<p>Academic Regulations 2025</p> <p>The chairperson presented the academic regulations 2025 for consideration and approval.</p> <p><i>Resolution of Agenda No. MITS/ME/BS/02/07</i></p> <p><i>The BoS approved the academic regulations 2025 for B.Tech. in Mechanical Engineering</i></p>
MITS/ME/BS/02/08	<p>Assessment Pattern of different course categories</p> <p>The chairperson presented the Assessment Pattern of different course categories for consideration and approval.</p> <p><i>Resolution of Agenda No. MITS/ME/BS/02/08</i></p> <p><i>The BoS approved the Assessment Pattern of different course categories for B.Tech. in Mechanical Engineering</i></p>
<p>Observations and Recommendations</p> <p>The following are the main recommendations by the expert members to the successful and smooth implementation of the autonomous programme</p> <ul style="list-style-type: none"> • Strengthening CO-PO Mapping and Cognitive Levels • Inclusion of Emerging and Advanced Technology Courses • Introduction of Project Component in IPR Course • Strengthening Industry Collaboration and Academic Quality • Explicit Integration of Modern Tools in Teaching-Learning Process • Alignment of Curriculum with Industry and Employability Needs • Continuous Curriculum Review and Quality Assurance Mechanism <p>Conclusion:</p> <p>The meeting concluded with appreciation to all experts for their constructive suggestions. The BoS resolved to incorporate the recommended changes and enhancements in the upcoming curriculum revision. The chairperson thanked all members for their valuable suggestions and active involvement in the deliberations.</p>	

The meeting ended at 12.10 AM

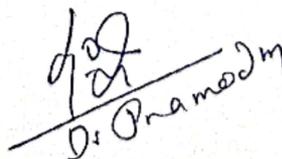
Signature of Chairperson	
Name of Chairperson	Dr Pramod Kumar
Date	08/12/2025

Approved by BoS on 29/12/2025

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 Signature of Principal



 Dr Pramod Kumar

(BoS Seal)



ME_(UG) BOARD OF STUDIES <mits-me-bos@mgits.ac.in>

MoM of BOS II_ME_MITS

Dr .Jithin Vishnu <jithinv@am.amrita.edu>

Mon, Dec 29, 2025 at 2:47 PM

To: "ME_(UG) BOARD OF STUDIES" <mits-me-bos@mgits.ac.in>, "vinay@nitc.ac.in" <vinay@nitc.ac.in>, "Prof. VASU V NITW" <vasu@nitw.ac.in>, SABEER HUSSAIN <hussain.sabeer518@gmail.com>, "Mathew.vinod@fci.com" <Mathew.vinod@fci.com>

MoM is accepted.

Kindly check that in Page 6 it is provided as 'The meeting ended at 12.10 AM'.

With thanks and best regards.

Dr. Jithin Vishnu

Department of Mechanical Engineering,
Amrita Vishwa Vidyapeetham, Amritapuri,
Kerala, India

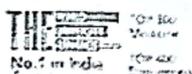
From: ME_(UG) BOARD OF STUDIES <mits-me-bos@mgits.ac.in>

Sent: Monday, December 29, 2025 1:03 PM

To: vinay@nitc.ac.in <vinay@nitc.ac.in>; Prof. VASU V NITW <vasu@nitw.ac.in>; SABEER HUSSAIN <hussain.sabeer518@gmail.com>; Dr .Jithin Vishnu <jithinv@am.amrita.edu>; Mathew.vinod@fci.com <Mathew.vinod@fci.com>

Subject: Fwd: MoM of BOS II_ME_MITS

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MoM of BOS II_ME_MITS

Prof. VASU V NITW <vasu@nitw.ac.in>

Tue, Dec 30, 2025 at 2:17 PM

To: "ME_(UG) BOARD OF STUDIES" <mits-me-bos@mgits.ac.in>

Cc: vinay@nitc.ac.in, SABEER HUSSAIN <hussain.sabeer518@gmail.com>, jithinv@am.amrita.edu, Mathew.vinod@fci.com

MOM of BOS is accepted

Dr. V Vasu Eximus Meritus Fellow, FIE, FISTE
 Professor, Department of Mechanical Engineering

National Institute of Technology, Warangal
 Telangana - 506004, INDIA.

Mobile No +91 8019789214 Email: vasu@nitw.ac.in

डॉ. वी वासु Eximus Meritus Fellow, FIE, FISTE
 प्रोफेसर, मैकेनिकल इंजीनियरिंग विभाग

राष्ट्रीय प्रौद्योगिकी संस्थान, वारंगल
 तेलंगाना - 506004, भारत

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Dr Prameody

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MoM of BOS II_ME_MITS

Vinay V. Panicker <vinay@nitc.ac.in>

Thu, Jan 1, 2026 at 1:40 PM

To: "ME_(UG) BOARD OF STUDIES" <mits-me-bos@mgits.ac.in>

Cc: vasu@nitw.ac.in, SABEER HUSSAIN <hussain.sabeer518@gmail.com>, jithinv@am.amrita.edu, Mathew.vinod@fci.com

Dear All,

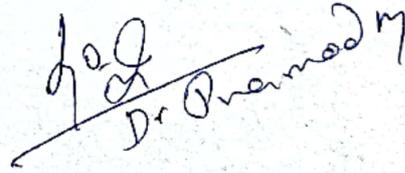
I approve the MOM from my side.

With kind regards

Vinay V. Panicker

Dr Vinay V. Panicker/ डॉ. विनय वि पनिककर
 Associate Professor/ सह-प्राध्यापक
 Dept. of Mechanical Engineering/ यांत्रिकी अभियान्तिकी विभाग
 National Institute of Technology Calicut/ राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
 NIT Campus P.O./ एन.ई.टी परिसर डाक घर
 Kozhikode - 673601/ कालिकट - 673601
 Kerala, India/ केरल, भारत
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MoM of BOS II_ME_MITS

Vinod, Mathew <Mathew.Vinod@amphenol-fci.com>

Sun, Jan 4, 2026 at 10:24 PM

To: "ME_(UG) BOARD OF STUDIES" <mits-me-bos@mgits.ac.in>, "vasu@nitw.ac.in" <vasu@nitw.ac.in>, "vinay@nitc.ac.in" <vinay@nitc.ac.in>, SABEER HUSSAIN <hussain.sabeer518@gmail.com>, "jithinv@am.amrita.edu" <jithinv@am.amrita.edu>

Dear Pramod Sir,

Thank you for sharing the Minutes of Meeting.

MoM reviewed and confirm that it is accepted.

Best Regards,

Vinod Mathew

Dr Pramod M

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From: ME_(UG) BOARD OF STUDIES <mits-me-bos@mgits.ac.in>

Sent: Friday, December 19, 2025 10:19 AM

To: vasu@nitw.ac.in; vinay@nitc.ac.in; SABEER HUSSAIN <hussain.sabeer518@gmail.com>; jithinv@am.amrita.edu; Vinod, Mathew <Mathew.Vinod@amphenol-fci.com>

Subject: MoM of BOS II_ME_MITS

Respected BOS Members

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