



# Minutes of Meeting Board of Studies

Department of Engineering Mathematics and  
Computing

(Conducted online on date, *06 Dec. 2024*)



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE,**  
**GWALIOR – 474005**



Reference: MAC/2024/

Dated: 06.12.2024

## Department of Engineering Mathematics and Computing

### Minutes of the Meeting of the Board of Studies held on 06/Dec./2024

A meeting of the Board of Studies of *Department of Engineering Mathematics and Computing* was held on 06/Dec./2024 on line at 4:00 PM. The BOS committee constituted the following members:

Name	Affiliation	Stature
Dr.DK Jain	Professor & Head, Engineering Mathematics & Computing	Chairman, BOS
Dr. Aparna Mehra	Professor, Department of Mathematics, IIT, New Delhi	Vice-Chancellor Nominee
Dr. Madhu Jain	Associate Professor, Department of Mathematics, IIT Roorkee,	Subject Expert
Dr. Badam Singh Kushwah	Associate Professor, Department of Mathematics and Computing, IMS Dhanbad	Subject Expert
Dr. D.P. Agrawal	Department of Mathematics, Govt. SMS Science College, Gwalior	Alumnus
Mr. Ankit Mundra	Director plus 91 labs, Gwalior	Industry Expert

### Faculty of the Department

Dr. Vikas Shinde
Dr. J. K. Muthale
Dr. Atul Ku. Ray
Dr. Minakshi
Dr. Divya Chatuervedi
Dr. Barkha Tiwari
Dr. Lav Kumar Singh
Dr. Vijay S Sharma
Dr. D. K. Mishra
Dr. S. K. Bharadwaj



The minutes of the BOS meeting are following:

1. The minutes of the previous BOS meeting held on 30.05.2024 have been confirmed.
2. The courses of Engineering Mathematics-I and II do not have any changes.
3. The courses of Calculus & Optimization Techniques, Linear Algebra and Probability & Random Process for other department have no changes.
4. The course outcomes attainments have been analyzed with identified gap thereof action taken report (ATR) has been prepared according to respective courses.
5. The syllabus for B. Tech. programme in Mathematics and Computing IV sem, VI sem and VIII sem. have been proposed by the department and approved by the committee.
6. The course outcomes of all courses have been discussed in detail.
7. The list of various subjects is proposed for Departmental elective, Minor and Honors specialization have been prepared.

Total No of courses	Total number of COs	Number of COs not attained	Percentage of COs not attained	Page No.
20	100	00	Nil	Item No. 17

Dr. Divya Chatuervedi  
(Member)

Dr. Minakshi  
(Member)

Dr. Atul Ku. Ray  
(Member)

Dr. J. K. Muthale  
(Member)

Dr. VP Shinde  
(Member)

Dr. Badam Singh Kushvah  
(Subject Expert)

Dr. Madhu Jain  
(Subject Expert)

Dr. Aparna Mehra  
(Subject Expert)

Dr. D.P. Agrawal  
Alumnus

Mr. Ankit Mundra  
Industry Expert

Dr. DK Jain  
(Professor & Head)



## Agenda of the BoS Meeting

(BoS Meeting Scheduled to be held 1<sup>st</sup> Week of December 2024)

### Instructions for preparing BoS Proceedings

{All information is to be uploaded on the webpage under suitable heading (such as Board of Studies) and separate links to be provided for each category mentioned below}

Minutes should have a summary/cover page mentioning all the significant changes made in the following given format :

#### Courses where revision was carried out\*

(Course/subject name)	Course Code	Year/Date of introduction	Year/Date of revision	Percentage of content added or replaced	Agenda Item No.	Page No.	Link of relevant documents/minutes
<b>NIL</b>							

#### Courses focusing on employability/entrepreneurship/ skill development\*

(Course/subject name)	Course Code	Activities/contents which have a bearing on increasing skill and employability	Agenda Item No.	Page No.	Link of relevant documents/minutes
Object Oriented Methodology and Programming with C++	2250223	This subject enhances the programming skill of the students by enabling them to use the concepts of object-oriented programming. Students are taught to use Classes, Inheritance, and Polymorphic Behaviour by developing middle level projects.			
Database Management System & SQL	250402	Students are taught to develop collection of interrelated data and a set of software tools and programs which access, process, and manipulate data. They learn to access, retrieval, and use of that data by considering appropriate security measures. This subject is useful for better data integration and security. Students are given mini projects to develop normalized database by using MySQL.	11	1-4	<a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Skill.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Skill.pdf</a>
Project Management & Financing	1000005	This course is very useful for the students which indeed enhance the knowledge, how to complete the project for academic or industry purpose. There are so many things such as effective communication, time management leadership, negotiation, risk management, technical expertise, critical thinking			
Computer Graphics	250601	Computer Graphics skills elevate employability by meeting the growing demand for visual content in industries such as gaming, advertising, and virtual reality. Proficiency in graphic design, animation, and 3D modeling showcases adaptability, creativity, and technical prowess, making individuals valuable assets in the evolving job market.			
Compiler Design	250602	Programmer develop the specifies algorithms in the language as per their need and the compiler must translate it to the target language. Higher-level programming languages are sometimes easier to develop in but they are inefficient, therefore the target applications run slower. Compiler design enhances the knowledge of students through which they analyze the complexity of	7	2 - 4	<a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-06%20Syllabus%20%20MAC%20VI%20%20Sem.%202022.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-06%20Syllabus%20%20MAC%20VI%20%20Sem.%202022.pdf</a>

1.



		algorithms and their execution.			
Artificial Intelligence & Machine Learning	250603	It is useful for daily needs such as cyber and homeland security, anti-money laundering, payments, financial markets, biotech, healthcare, marketing, natural language processing (NLP), computer vision, electrical grids, nuclear power plants, air traffic control			
Computer Aided Applied Single Objective Optimization	NPTEL/ SWAYAM	Computer-Aided Applied Single Objective Optimization boosts employability and entrepreneurship by developing problem-solving, critical thinking, and data-driven decision-making skills. It equips individuals with advanced computational tools to optimize systems in industries like engineering, manufacturing, and IT, while also enhancing programming, algorithm design, and simulation expertise.	4 & 7	1-3	<a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Employability.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Employability.pdf</a>
Machine Learning for Engineering and science applications	NPTEL/ SWAYAM	Machine Learning for Engineering and Science applications enhances employability and entrepreneurship by developing expertise in data analysis, algorithm design, and predictive modeling. It equips individuals with skills to solve complex problems, optimize processes, and innovate across fields like robotics, energy, and materials science.			
Block chain and its Applications	NPTEL/ SWAYAM	Its provide transparent, secured, tamper-proof solution for interconnecting different stakeholders in a trust less setup. Block chain is useful in cryptographic Hash and Digital Signature.			
Cloud Computing	NPTEL/ SWAYAM	The demand for cloud services is increasing so fast and the global cloud computing market is growing at that rate. A large number of organizations and different business sectors are preferring cloud services nowadays as they are getting a list of benefits from cloud computing. Different organizations using cloud computing for different purposes and with respect to that Cloud Service Providers are providing various applications in different fields.			

New Courses added*					
(Course/subject name)	Course Code	Activities/contents which have a bearing on increasing skill and employability	Agend a Item No.	Page No.	Link of relevant documents/minutes
<b>NIL</b>					

Feedback on curriculum received from stakeholders: Analysis& ATR*					
Stakeholder	Student	Faculty	Alumni	Employer	
No. of responses	515	14	-	-	
Link of Analysis	<a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Feedback_Crriculu%20by%20faculty%20July-%20Dec.-2024%20f%20sheet.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Feedback_Crriculu%20by%20faculty%20July-%20Dec.-2024%20f%20sheet.pdf</a>	<a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item-%2019%20Syllabus%20Feedback%20%20July-%20Dec.%202024.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item-%2019%20Syllabus%20Feedback%20%20July-%20Dec.%202024.pdf</a>	-	-	
ATR Link	<a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/item%20-17%20%20ATR%20wit h%20COs%20Attainme nt%20JJ-2024.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/item%20-17%20%20ATR%20wit h%20COs%20Attainme nt%20JJ-2024.pdf</a>	<a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/ATR%20%20Curriculu m%20FB%20by%20%20F%20July-%20Dec.%202024f.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/ATR%20%20Curriculu m%20FB%20by%20%20F%20July-%20Dec.%202024f.pdf</a>	-	-	



	Link showing Excel sheet of Google Form details of stakeholders	<a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/FB%20Curriculum%20feedback_Student%20July-%20Dec.%20-2024.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/FB%20Curriculum%20feedback_Student%20July-%20Dec.%20-2024.pdf</a>	<a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Feedback_Criculum%20by%20faculty%20July-%20Dec.-2024%20f%20sheet.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Feedback_Criculum%20by%20faculty%20July-%20Dec.-2024%20f%20sheet.pdf</a>	-	-
	* Separate page(s) for each of the above four points; Agenda point wise minutes to be appended with each point and a separate link to be given in the appropriate column for each point.				
2.	The BoS minutes along with the cover/summary page (under point number 1, above) must be uploaded on the departmental web page and <b>link for the same must be shared with the office of the Dean Academics.</b>				
3.	The following must be uploaded on the departmental web page and <b>link for the same must be shared with the office of the Dean Academics.</b> <ul style="list-style-type: none"> <li>*The Stakeholder feedback collected &amp; analyzed to find the index out of five</li> <li>Action Taken Report on each feedback</li> </ul> *The details/data of the stakeholder responded through Google form showing responses from alumni, employer, student, faculty etc must also be shared with the office of the Dean Academics .				
4.	Minutes should have footer with department name, page number, and month of meeting.				
5.	Each page should be signed by all faculties, scanned and then submitted to the Dean Academics office.				

### BoS Agenda Items

Item 1	To confirm the minutes of previous BoS meeting held in the month of May-June 2024. <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-01%20BOS%202024%20III%20V%20and%20VII%20sem%2030%20may%202024%20Final.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-01%20BOS%202024%20III%20V%20and%20VII%20sem%2030%20may%202024%20Final.pdf</a>																
Item 2	To propose the scheme structure of <b>VIII Semester</b> with the provision of <b>ONE DE &amp; ONE OC course</b> to be offered in <b>online mode</b> with credit transfer for the <b>batch admitted in academic year 2021-22. (The total credits from I-VIII semester should not be less than 160 for this batch).</b> <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/F%20Item%20-02%20SCHEME%20of%20B.Tech.%20MAC%20%208th%20Sem%20Admitted%20batch%202021.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/F%20Item%20-02%20SCHEME%20of%20B.Tech.%20MAC%20%208th%20Sem%20Admitted%20batch%202021.pdf</a>																
Item 3	To propose the list of courses which the students can opt from SWAYAM/NPTEL/ other MOOC Platforms/ Institution (MITS) MOOC, to be offered in online mode under <b>Departmental Elective (DE) category courses (DE-5) and open category (OC3)</b> for credit transfer in the <b>VIII Semester</b> under the flexible curriculum ( <b>Batch admitted in academic year 2020-21</b> ) <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-03%20DE-V%20%20CO-%20III%20NPTEL%20courses%20for%20VIII%20Sem.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-03%20DE-V%20%20CO-%20III%20NPTEL%20courses%20for%20VIII%20Sem.pdf</a>																
	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Name of Course</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Machine Learning for Engineering and science applications</td> <td>12 Weeks</td> </tr> <tr> <td>2</td> <td>Introduction to Queueing Theory</td> <td>12 Weeks</td> </tr> <tr> <td>3</td> <td>Computer Aided Decision Systems - Industrial practices using Big Analytics</td> <td>12 Weeks</td> </tr> </tbody> </table>				S. No.	Name of Course	Duration	1	Machine Learning for Engineering and science applications	12 Weeks	2	Introduction to Queueing Theory	12 Weeks	3	Computer Aided Decision Systems - Industrial practices using Big Analytics	12 Weeks	
S. No.	Name of Course	Duration															
1	Machine Learning for Engineering and science applications	12 Weeks															
2	Introduction to Queueing Theory	12 Weeks															
3	Computer Aided Decision Systems - Industrial practices using Big Analytics	12 Weeks															
Item 4	To propose the list of “Additional Courses” which can be opted for getting an <ol style="list-style-type: none"> <li>Honours (for students of the host department)</li> <li>Minor Specialization (for students of other departments)</li> </ol> <b>[These will be offered through SWAYAM/NPTEL/MOOC based Platforms for the B.Tech. VIII semester students (for the batch admitted in 2021-22)] and for B.Tech. VI semester (for the batch admitted in 2022-23)]</b> <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/F%20Item%20-04%20list%20of%20Additional%20Courses%20VI%20%20VIII.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/F%20Item%20-04%20list%20of%20Additional%20Courses%20VI%20%20VIII.pdf</a>																



S. No.	Name of Course	Duration
1	Natural Language Processing	12 Weeks
2	Algebraic Combinatorics	12 Weeks
3	Getting Started with Competitive Programming	12 Weeks
4	Advanced Graph Theory	12 Weeks
1	Algebraic Number Theory	12 Weeks
2	Optimization from Fundamentals	12 Weeks
3	Advanced Linear Algebra	12 Weeks
4	Advanced Probability Theory	12 Weeks
Item 5	To review and finalize the <b>scheme structure of B.Tech VI Semester</b> under the flexible curriculum ( <b>Batch admitted in 2022-23</b> ) <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/F%20Item%20-05%20SCHEME%20of%20B.Tech.%20MAC%206-%20Sem%202022.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/F%20Item%20-05%20SCHEME%20of%20B.Tech.%20MAC%206-%20Sem%202022.pdf</a>	
Item 6	To review & finalize the <b>syllabi for all Departmental Core Courses (DC) of B. Tech VI Semester (for batch admitted in 2022-23)</b> under the flexible curriculum along with their COs. <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-06%20Syllabus%20of%20MAC-%20VI%20Sem.%202022.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-06%20Syllabus%20of%20MAC-%20VI%20Sem.%202022.pdf</a>	
Item 7	To propose the list of courses from SWAYAM/NPTEL/MOOC Platforms to be offered for batches admitted in 2022-23 <b>in online mode under Departmental Elective (DE) Course</b> with credit transfer, <b>in the VI Semester.</b> <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-07%20Syllabus%20of%20swayam%20Nptel.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-07%20Syllabus%20of%20swayam%20Nptel.pdf</a>	
Item 8	To review and finalize the courses & syllabi to be offered (for batch admitted in 2022-23) under the <b>Open Category (OC) Courses to be offered in traditional mode for B Tech VI semester</b> of other departments along with their COs. <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/ITEM%20-08%20List%20of%20New%20Courses%20OC%20VI%20Sem%202022-23.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/ITEM%20-08%20List%20of%20New%20Courses%20OC%20VI%20Sem%202022-23.pdf</a>	
Item 9	To review and finalize the <b>Experiment list/ Lab manual/Skill based mini-project</b> for all the Laboratory Courses to be offered in <b>B.Tech.VI semester (for batch admitted in 2022-23).</b> <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item-%2009%20List%20of%20Experiments%20-AIML.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item-%2009%20List%20of%20Experiments%20-AIML.pdf</a>	
Item 10	To review and finalize the <b>scheme structure of B. Tech. IV Semester</b> under the flexible curriculum ( <b>for batch admitted in 2023-24</b> ) <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/F%20Item-10%20SCHEME%20of%20B.Tech.%204%20Sem%20Admitted%20batch%202023.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/F%20Item-10%20SCHEME%20of%20B.Tech.%204%20Sem%20Admitted%20batch%202023.pdf</a>	
Item 11	To review and finalize the syllabi for all Departmental Core (DC) Courses of <b>B. Tech. IV Semester (for batch admitted in 2023-24)</b> under the flexible curriculum along with their Cos <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Syllabus%20MAC_%20IV%20Sem.%20Item%20-11.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Syllabus%20MAC_%20IV%20Sem.%20Item%20-11.pdf</a>	
Item 12	To review and finalize the Experiment list/ Lab manual/Skill based mini-project for all the Laboratory Courses to be offered in Batch IV semester ( <b>for batch admitted in 2022-23</b> ) <a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-12%20Skill%20based%20mini-project%20IV%20Sem.%202022-23.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-12%20Skill%20based%20mini-project%20IV%20Sem.%202022-23.pdf</a>	
Item 13	To review and finalize the scheme and syllabi of <b>B. Tech. IV Semester (for batch admitted in</b>	



	<p>2023-24) under the flexible curriculum along with their COs.</p> <p><a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-13%20SCHEME%20of%20B.Tech.%20MAC%204th%20Sem%20Admitted%20batch%202023.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-13%20SCHEME%20of%20B.Tech.%20MAC%204th%20Sem%20Admitted%20batch%202023.pdf</a></p>												
Item 14	<p>To review and finalize the <b>Experiment list/ Lab manual/skill based mini project</b> for all the Laboratory Courses to be offered in <b>B.Tech IV semester(for batch admitted in 2023-24)</b></p> <p><a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item-%2014%20List%20of%20Exper.%20%20Skill%20MAC%20IV%20Sem.%202023%201.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item-%2014%20List%20of%20Exper.%20%20Skill%20MAC%20IV%20Sem.%202023%201.pdf</a></p>												
Item 15	<p>To finalize the <b>Skill Internship Project (SIP)</b> module to be offered in <b>Dec 2024.</b></p> <table border="1"><thead><tr><th>Code</th><th>Name of Course</th><th>Name of Faculty</th></tr></thead><tbody><tr><td></td><td>Application of Optimization Techniques</td><td>Dr. Divya Chaturvide</td></tr><tr><td></td><td>Finite Difference Method</td><td>Dr. Minakshi</td></tr></tbody></table>	Code	Name of Course	Name of Faculty		Application of Optimization Techniques	Dr. Divya Chaturvide		Finite Difference Method	Dr. Minakshi			
Code	Name of Course	Name of Faculty											
	Application of Optimization Techniques	Dr. Divya Chaturvide											
	Finite Difference Method	Dr. Minakshi											
Item 16	<p>To propose the content of the courses identified for <b>MITSGWALIOR-MOOC development</b> to be offered in <b>blended mode</b> for VII Semester DE/OC courses for the batch admitted in 2022-23.</p> <table border="1"><thead><tr><th>Subject Code</th><th>Subject</th><th></th><th>MOOC Course developed by Faculty</th></tr></thead><tbody><tr><td>250731</td><td>Engineering Reliability</td><td>DE-II</td><td>Dr. V.P. Shinde</td></tr><tr><td>250732</td><td>Distributed Computing</td><td>DE-II</td><td>CSE/ IT Deptt.</td></tr></tbody></table>	Subject Code	Subject		MOOC Course developed by Faculty	250731	Engineering Reliability	DE-II	Dr. V.P. Shinde	250732	Distributed Computing	DE-II	CSE/ IT Deptt.
Subject Code	Subject		MOOC Course developed by Faculty										
250731	Engineering Reliability	DE-II	Dr. V.P. Shinde										
250732	Distributed Computing	DE-II	CSE/ IT Deptt.										
Item 17	<p>To review the CO attainments, identify gaps and suggest corrective measures for the improvement in the CO attainment levels for the courses taught in <b>Jan-June 2024 Session.</b></p> <p><a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/item%20-17%20%20ATR%20with%20COs%20Attainment%20JJ-2024.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/item%20-17%20%20ATR%20with%20COs%20Attainment%20JJ-2024.pdf</a></p>												
Item 18	<p>To review the PO attainment, CO-PO mapping matrix and action to be taken to improve PO attainment level.</p> <p><a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-18%20PO%20Attainment%20%20with%20ATR%20MAC-%202020-2024.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item%20-18%20PO%20Attainment%20%20with%20ATR%20MAC-%202020-2024.pdf</a></p>												
Item 19	<p>To review curricula feedback from various stakeholders, its analysis and impact</p> <p><a href="https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item-%2019%20Syllabus%20Feedback%20%20%20July-%20Dec.%202024.pdf">https://web.mitsgwalior.in/images/Departments/engineering_mathematics/BOS/BoS%2006.12.2024/Item-%2019%20Syllabus%20Feedback%20%20%20July-%20Dec.%202024.pdf</a></p>												
Item 20	<p>To discuss and recommend the scheme structure &amp; syllabi of PG Programme (M.E./M.Tech./MCA/MBA) along with their Course Outcomes (COs) (for batch admitted in 2023-24).</p> <p style="text-align: center;"><b>NA</b></p>												
Item 21	<p>Any other matter.</p>												