



**Annasaheb Dange College of Engineering and
Technology, Ashta
An Autonomous Institute**

Minutes of Meeting

BOS Meeting: T. Y. B.Tech. 170 Credit - Revision 2

Day & Date – Friday, 21st June, 2024

DEPARTMENT OF MECHANICAL ENGINEERING



Sant Dnyaneshwar Shikshan Sanstha's
Annasaheb Dange College of Engineering and Technology
Ashta, (District: Sangli)



Department of Mechanical Engineering
BOS: MINUTES OF MEETING
Date: 21st June, 2024

BOS Meeting Report & Minutes

Day & Date – Friday, 21st June, 2024

Venue: Online (Google Meet app)

Time: 10.30 am to 12.20 pm

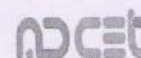
Members present for the Meet

Sr. No	Name of Expert	Designation	Sr. No	Name of Expert	Designation
1	Dr. M. M. Jadhav	Chairman (HOD)	17	Mr. Y. P. Ballal	Member
2	Dr. V. R. Naik	VC Nominee	18	Mr. G. B. Pawar	BOS In-Charge
3	Dr. S. S. Mohite	Academic Expert-1	19	Mr. K. J. Burle	Member
4	Dr. S. S. Ahankari	Academic Expert-2	20	Mr. G. N. Rakate	Member
5	Mr. Anil A. Kute	Alumni Representative	21	Mr. H. H. Patil	Member
6	Dr. Ramesh S. Gavade	Industry Representative	22	Mr. S. V. Patil	Member
7	Dr. A. P. Patil	Expert for Special Courses	23	Mr. P. V. Mali	Member
8	Mr. V. V. Khade	Expert for Special Courses	24	Mr. G. M. Chendke	Member
9	Dr. L. Y. Waghmode	Member	25	Mr. S. T. Ghutukade	Member
10	Dr. S. P. Chavan	Member	26	Mr. V. S. Gondkar	Member
11	Dr. P. D. Kulkarni	Member	27	Mr. R. T. Patil	Member
12	Mr. A. M. Pirjade	Member	28	Mr. P. B. Patil	Member
13	Dr. V. B. Patil	Member	29	Mr. A. S. Tate	Member
14	Dr. A. A. Jadhav	Member	30	Mr. S. V. Nishandar	Member
15	Dr. R. R. Gaji	Member	31	Mr. A. A. Mohite	Member
16	Mr. A. R. Mane	Member			





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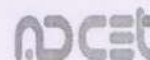
Agenda of the Meet

Sr. no.	Time	Particulars
1.	10.30 am to 10.35 am	Welcome
2.	10.35 am to 10.40 am	Introduction of BOS Committee Members
3.	10.40 am to 10.45 am	To confirm the minutes of 8 th meeting of BOS
4.	10.45 am to 10.55 am	To note the action taken report on the decisions taken during 8 th meeting of BOS
5.	10.55 am to 11.30 am	To discuss and modify the 170 credit structure and discuss in detail the T. Y. B. Tech Curriculum courses of 170 credit as per NEP guidelines.
6.	11.30 am to 12.15 pm	To discuss and finalize the curriculum contents of T. Y. B. Tech 170 credit.
7.	12.15 pm to 12.20 pm	Vote of thanks





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1. Dr. M. M. Jadhav, Chairman (BOS) & Head of Mechanical Engineering Department chaired the meeting. Mr. R. R. Gaji welcomed all the members to the Board of Studies Meeting of the Department of Mechanical Engineering and briefed agenda of meeting.
2. Mr. G. B. Pawar introduced the Department and welcomed all the BOS members.
3. Dr. M. M. Jadhav briefed Minutes of meeting, suggestions and action taken report of previous (8th) BOS meeting.
4. Dr. M. M. Jadhav presented the revised structure of first year, second year, third year and final year classes. The guidelines prescribed by AICTE, UGC and NEP are highlighted in details.
5. Also Dr. M. M. Jadhav briefed about the changes in Professional Elective-I and Professional Elective-II of manufacturing domain. The changes are approved by BoS committee.
6. The number of credits and contact hours allotted for different components of curriculum such as professional core courses, professional electives, minor courses, vocational and skill development, humanity science, environmental science, experimental learning and value added courses are discussed and confirmed.
7. As per demand of NEP professional electives needed to be floated for Mechanical Engineering students and its importance are highlighted.
8. The various new courses added to give the exposure and inculcate the skills among students of modern mechanical engineering softwares and emerging area of artificial intelligence and machine learning are discussed.
9. The minor courses streams floated by mechanical engineering department for the students of other departments are briefly discussed.
10. Dr. M. M. Jadhav briefed about open elective course policy, students has to complete the moog courses as a part of open elective.





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11. Dr. Ajit Patil raised the concern about the students opting a single professional elective, Dr. M. M. Jadhav answered that a cap is provided on student strength for each professional elective.
12. Dr. Ajit Patil and Dr. Sandeep Ahankari both suggested to make the course Finite element Analysis a mandatory course if possible to fit in the structure considering the industry demand.
13. Dr. Sandeep Ahankari suggested to revisit the course outcomes of course which has theory and laboratory both to assure the laboratory content can be mapped to course outcome statement.





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The detailed suggestions for different courses are summarized below:

T. Y. B.Tech (170 Credits)

SEMESTER-V

Course Code	Course	Suggestions given
2MEPC301	Machine Design-II	No suggestion given
2MEPC302	Turbo Machinery	<ul style="list-style-type: none">Suggested to use different softwares for analysis during lab.
2MEPC303	Measurement and Metrology	<ul style="list-style-type: none">Suggested to add experiment related to strain measurement if possible.
2MEEL304	In-plant Training/Internship	No suggestion given
2MEHS305	Entrepreneurship	No suggestion given
2MECC306	Aptitude and Reasoning Part -III	No suggestion given
2MEPE307	Noise and Vibration	No suggestion given
2MEPE308	Machine Tool Design	No suggestion given
2MEPE309	Experimental Stress Analysis	No suggestion given
2MEPE310	I. C. Engines	No suggestion given
2MEPE311	Steam Engineering	No suggestion given
2MEPE312	Renewable Energy Engineering	No suggestion given
2MEPE313	Industrial Management and Operation Research	No suggestion given
2MEPE314	Industrial Engineering	No suggestion given
2MEPE315	Foundry and Forming Technology	No suggestion given
2MEBM301	Manufacturing Processes	<ul style="list-style-type: none">Reduce content of first two units.





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SEMESTER- VI

Course Code	Course	Suggestions given
2MEPC316	Tool Engineering	No suggestion given
2MEPC317	Heat and Mass Transfer	No suggestion given
2MEVS318	Control Engineering Laboratory	<ul style="list-style-type: none">Conduct few experiments on virtual lab [Refer IIT virtual labs]Physical experiment on motion controlUse Simulink for labs.
2MEPC319	Computer Aided Manufacturing(CAM) Laboratory	No suggestion given
2MEEL320	Mini Project	<ul style="list-style-type: none">Divide Mini projects in different categories.In S.Y task related drawing and manufacturing is to be given.In T.Y. task related design domain is to be given.[Software analysis based]Create new problem statements every year.
2MECC321	Aptitude and Reasoning Part -IV	No suggestion given
2MEPE322	Finite Element Analysis	<ul style="list-style-type: none">Make this course compulsory.Add experiment related to Modal analysis.
2MEPE323	Mechanical System Design	<ul style="list-style-type: none">Add system design approach like Design for assembly, design for manufacturing, design for maintenance, design for assembly instead of product design.
2MEPE324	Condition Monitoring	<ul style="list-style-type: none">Add content related to AI, Machine learning in last unit.
2MEPE325	Solar Technology	No suggestion given
2MEPE326	Computational Fluid Dynamics	<ul style="list-style-type: none">Discuss the content with practical examples while teaching.Add one example of combustion modelling for multi-spices flow lab
2MEPE327	Alternative Fuels	No suggestion given
2MEPE328	Non Destructive Techniques	No suggestion given
2MEPE329	Modern Manufacturing Processes	<ul style="list-style-type: none">Add LIGA processing, CVD, PVD, Silicon micro processing.





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Course Code	Course	Suggestions given
		<ul style="list-style-type: none">• Change last unit title to Manufacturing of composite materials.
2MEPE330	Metal Joining Process	<ul style="list-style-type: none">• Remove words like demonstration from lab and add Hands on practice.
2MEIE302	Supply Chain Management	<ul style="list-style-type: none">• Add simulation tools like Sales force, AI etc. to practice supply chain management.• Add e-commerce methods if possible.• Reduce the content.
2MEBM302	Machines and Mechanisms	<ul style="list-style-type: none">• Check the content with first year courses.• Reduce the content of course.• Add advanced braking systems like disc brakes. Remove word shoe as it is repeated.

Prepared By:
BOS In-charge



Approved by
H.O.D
Mechanical Engineering