



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

**Minutes of Meeting**

**BOS Meeting: Final Year B.Tech (170 Credits)**

**Day & Date – Saturday, 09<sup>th</sup> October, 2021**

**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: 9<sup>th</sup> October, 2021.



**BOS Meeting Report& Minutes**

**Day & Date - Saturday, 09<sup>th</sup> October, 2021**

Venue: Online (Microsoft Teams app)

Time: 2:00 pm to 5:30 pm

**Members present for the Meet**

Sr. No	Name of Expert	Designation	Sr. No	Name of Expert	Designation
1	Prof. M. M. Jadhav	Chairman (HOD)	21	Mr. K. J. Burle	Member
	Dr. S. T. Chavan	VC Nominee	22	Mr. G. N. Rakate	Member
3	Dr. S. S. Mohite	Academic Expert-1	23	Mr. H. H. Patil	Member
4	Dr. V. D. Shinde	Academic Expert-2	24	Mr. S. V. Patil	Member
5	Mr. Ganeshprasad Nikam	Alumni Representative	25	Mr. V. G. Salunkhe	Member
6	Mr. Vishal Balval	Industry Representative	26	Mr. P. V. Mali	Member
7	Dr. L. Y. Waghmode	Member	27	Mr. P. M. Wadekar	Member
8	Dr. S. P. Chavan	Member	28	Mr. G. M. Chendke	Member
9	Dr. A. B. Shinde	Member	29	Mr. S. L. Chittewar	Member
10	Dr. P. D. Kulkarni	Member	30	Mr. S. T. Ghutukade	Member
11	Dr. S. A. Moolya	Member	31	Mr. V. S. Gondkar	Member
12	Mr. A. M. Pirjade	Member	32	Mr. R. T. Patil	Member
13	Mr. V. B. Patil	Member	33	Mr. S. S. Chavan	Member
14	Mrs. J. S. Jadhav	Member	34	Mr. P. B. Patil	Member
15	Mr. A. A. Jadhav	Member	35	Mr. A. V. Patil	Member
16	Mr. R. R. Gaji	Member	36	Mr. A. S. Tate	Member
17	Mr. A. R. Mane	Member	37	Mr. S. V. Yadav	Member
18	Mr. Y. P. Ballal	Member	38	Mr. S. V. Nishandar	Member
19	Mr. V. S. Ganachari	Member	39	Mr. A. S. Mulla	Member
20	Mr. G. B. Pawar	Member			



## Minutes of Meeting

1. Prof. 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.
2. Prof. M. M. Jadhav introduced the Department and welcomed all the BOS members. The suggestions given at the 6<sup>th</sup> BOS meeting and action taken were discussed. The detailed structure and curriculum of Honor's/Minor's degree in Robotics were presented.
3. Separate meetings of each group, namely Design, Manufacturing, Thermal and interdisciplinary were started.
4. Prof. M. M. Jadhav, Dr. S. A. Moolya, Mr. S. V. Yadav and Mr. S. S. Chavan presented the curriculum of design, manufacturing, thermal and interdisciplinary groups respectively. Dr. S. P. Chavan, Dr. S. A. Moolya, Dr. S.A.I. Bellary and Dr. L. Y. Waghmode offered vote of thanks.
5. The minutes of 7<sup>th</sup> BOS meetings were confirmed.



**The detailed suggestions for Robotics (Honor's/Minor's degree) are summarized below:**

1. Avoid old controllers 8085, 8051.
2. Prefer to teach recent controllers like - Raspberry pi, PIC
3. Develop a lab relevant to course content like tinkering lab.

**Other Suggestions related all domain:**

1. In the next BOS meeting, form four domains including mechatronics and other interdisciplinary courses.
2. Floating of Additive Manufacturing as a course.
3. One/two day's workshop on Design Thinking should be arranged before starting project to identify problem.
4. Course content delivery should include: Flipped class room mode, Case based learning & Problem based learning, Course projects, Field visits, etc.
5. Course outcomes of some of the courses should include higher order thinking skills: synthesizing, analyzing, reasoning, comprehending, application, and evaluation, e.g., TQM, Advanced Materials, REE, etc.
6. External examiners for theory courses of end semester examination were discussed and finalized.
7. External examiners for oral examination were discussed and finalized.



The detailed suggestions for different courses are summarized below:

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**SEMESTER-VII**

Course Code	Course	Suggestions given
1OE***	Open Elective-III	
	Total Quality Management	No suggestions
	Reliability Engineering	No suggestions
	Renewable Energy Engineering	<ul style="list-style-type: none"><li>• Add book Ranjanrakesh, Kothari and Singhal (Renewable Energy Sources) These books are Recommended by AICTE.</li></ul>
Additional	Advanced Materials	<ul style="list-style-type: none"><li>• Check availability of book, that will cover all syllabus.</li><li>• Chapter 3 and 4 – add application of materials.</li><li>• Introduction to Biomaterials, Agrawal&amp;Gopinath, Cambridge University Press (Advanced material), Renewable Energy Sources and Emerging Technologies, PHI,</li></ul>
1MEPC401	Vehicle Engineering	<ul style="list-style-type: none"><li>• Add one or two separate units on Electric vehicles.</li><li>• Add one unit on battery system</li></ul>
1MEPC402	Finite Element Analysis	No suggestions
1MEPE***	Professional Elective-III	•
1MEPE403	CFD	No suggestions
1MEPE404	Condition Monitoring	No suggestions
1MEPE405	Non-Destructive Testing	<ul style="list-style-type: none"><li>• Add Radiography image processing, latest update in developing films in market.</li><li>• Remove word 'etc.'</li></ul>
1MEPE***	Professional Elective-IV	
1MEPE406	Energy Engineering	No suggestions
1MEPE407	Reliability Engineering	No suggestions
1MEPE408	Industrial Engineering	<ul style="list-style-type: none"><li>• Remove text-book O.P Khanna, and add B. Mahadevan</li></ul>
1MEPC451	Finite Element Analysis	<ul style="list-style-type: none"><li>• Remove Theoretical Assignments (1 and 2)</li></ul>



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Course Code	Course	Suggestions given
	Laboratory	<ul style="list-style-type: none"><li>Shift the experiment no 4. as experiment 1 (Introduction to ANSYS Software)</li></ul>
1MEPE***	Professional Elective-III Laboratory	<ul style="list-style-type: none"><li></li></ul>
1MEPE452	CFD	No suggestions
1MEPE453	Condition Monitoring	No suggestions
1MEPE454	Non-Destructive Testing	<ul style="list-style-type: none"><li>Increase the number of experiments on the equipments available in the lab. Add experiments on ultrasonic testing with different probes.</li></ul>

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SEMESTER-VIII

Course Code	Course	Suggestions given
1MEHS409	Engineering Management	No suggestions
1MEHS411	Constitution of India	No suggestions
1MEPR459	Internship/ Project	<ul style="list-style-type: none"><li>Title should be Project Phase – I&amp; II</li><li>Case based study, Field visit learning should be performed to identify problem</li><li>Flexibility for selecting the project and internship</li></ul>

  
Prepared By  
BOS Meeting In charge

  
Approved by  
H.O.D  
Mechanical Engineering