

Pimpri Chinchwad Education Trust's  
**Pimpri Chinchwad College of Engineering**  
Sector No. 26, Pradhikaran,  
Nigdi, Pune – 411 044

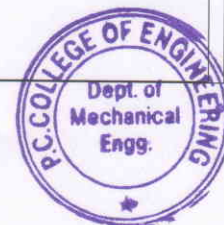
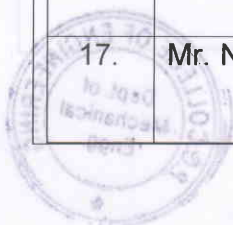


**Minutes of Meeting: 2<sup>nd</sup> Board of Studies Mechanical on 25<sup>th</sup> June 2021**

The Second Board of studies Mechanical meeting was held on Friday, 25th June 2021 at 11 am in LRDC Hall.

**Following members were present:**

Sr. No	Name	Designation
1.	Dr. P A Deshmukh	Chairman Board of Studies, HoD Mechanical
2.	Dr. R. B. Ingle	Professor, Dean Academics Cummins COE, Pune SPPU, VC Nominee
3.	Dr. D. G. Thakur	Professor, DIAT, Dept of Mechanical Engineering, Pune. Academic Council Nominee
4.	Dr. Nitin Gulhane	Professor, VJTI Mumbai Academic Council Nominee
5.	Mr. Sham Bhagat	Sr. Engineer, Whirlpool India Ltd. PG Meritorious Alumnus
6.	Dr Mohite S S	Professor, Mechanical Department, COEP, Pune Academic Representative Invitee
7.	Mr. R. Radhakrishnan	Director, Pentagon Assembly Automation Pvt Ltd, Pune, Maharashtra Industry Representative
8.	Dr. S. S. Lakade	Dean R&I, Professor in MED, Subject Head
9.	Dr. N R. Deore	Associate Dean-III, Professor in MED, Subject Head
10.	Dr. P. R. Kale	Autonomy Coordinator, Dean SDW, PG Coordinator (Design Engineering), Subject Head
11.	Dr. A. Roy	Associate Dean, Academics, PG Coordinator(Heat Power Engineering), Subject Head
12.	Mr. A. A. Panchwadkar	Associate Professor in MED, Subject Head
13.	Dr. C. L. Ladekar,	Associate Professor in MED Subject Head
14.	Dr. U. G. Potdar,	Associate Professor in MED Subject Head
15.	Mr. Sanjiwan K. Bhoite	Associate Professor in MED Subject Head
16.	Mr. Sanjay P. Salve	Associate Professor in MED Subject Head
17.	Mr. N. Vivekanandan	Assistant Professor in MED Subject Head



18.	Mr. L. V. Awadhani	Module Coordinator – Design, Associate Professor in MED Subject Head
19.	Mr. S. B. Matekar	Module Coordinator – Production Associate Professor in MED Subject Head
20.	Mr. U. I. Shaikh	Module Coordinator - Thermal Subject Head
21.	Mr. A. V. Suryavanshi	Module Coordinator - Engineering Sciences Subject Head

**Following permanent invitees were present:**

Sr. No	Name	Designation
1.	Dr Govind N Kulkarni	Director, PCCoE
2.	Dr Sheetal U Bhandari	Dean, Academics, PCCoE

**Leave of absence was granted to following Members and Invitees:**

1	Mr. Shirish Bavdekar	Head of Talent acquisition, 3DPLM, Daussalt system, Pune. Industry Representative
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**Agenda** for the meeting was as under:

1. To read and confirm the MOM of the first BOS meeting held on 7th Jan 2021.
2. To discuss and finalize revised B Tech structure.
3. To Discuss & finalize course curriculum for SY B.Tech courses.
4. To discuss and finalize SY M.Tech Structure and Courses.
5. Any other point with kind permission of chair.

Dr P A Deshmukh *Chairman & HOD Mechanical*, Welcomed all the members of Board of Studies Mechanical and initiated the meeting.

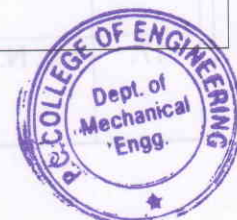
**02:01 Read and confirm the MOM of the first BOS meeting held on 7th Jan 2021.**

*Dr. P A Deshmukh presented and read the MOM of first BOS.*

*Dr Mohite S S suggested having more workshops on teaching Pedagogy and use of Audio and Video tools. Dr Nitin Gulhane suggested to have uniformity in submission and to have more interaction sessions with students.*

*Dr. P. A. Deshmukh informed all members about the efforts taken by Mechanical Department for conducting Teaching Pedagogy workshop, the innovative methods involving audio and video accessories developed by faculty members for Engineering Graphics at first year BTech course, Use of BodhiTree Platform and online practical conduction.*

***It was resolved to confirm the minutes of first BoS meeting.***



### **02:02 Discuss and finalize revised B Tech structure**

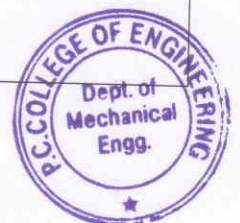
- *Dr. P R Kale, Autonomy Coordinator, presented modified B Tech structure with changes in the credits of Project and HSMC courses.*
- *Dr R B Ingle suggested having more tutorials for core branch subjects as specially to have in-depth understanding. This point was seconded by Dr. Mohite, Dr. Gulhane.*
- *Dr S S Mohite took the internship point and mentioned to have guidelines, monitoring and Tracking mechanism. Dr Nitin Gulhane and Dr R B Ingle suggested to have guidelines on different activities, avenues in industries and in-house for internships to be considered. Also suggested to have a mentor for around 6-8 students*
- *Dr Nitin Gulhane also expressed to complete the internship before the 7<sup>th</sup> semester, which will help the students to get good exposure of industries and will be helpful for core placement.*
- *It was also suggested to link audit courses with skill enhancement and Placement*
- *Dr N R Deore detailed the provision of Internship in BTech structure adhering to the guidelines issued by AICTE. Dr S U Bhandari, Dean Academics, informed that a monitoring and evaluation system will be framed in accordance with the suggestions discussed in meeting and will be presented in next BOS meeting.*
- ***It is resolved to propose the tutorials for core fundamental courses.***
- ***It was resolved to approve revised B. Tech structure in Mechanical Engineering Department.***

*Proposed by: Dr P R Kale, Autonomy Coordinator*

*Seconded by: Dr P A Deshmukh, Chairman, BoS Mechanical*

### **02:03 Discuss & finalize course curriculum for SY B.Tech courses**

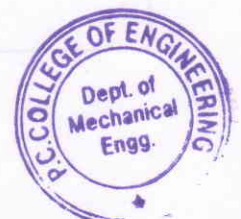
- *Prof. L V Awadhani presented Design Module courses in SY B.Tech and curriculum offered by Mechanical Department.*
- *Dr D G Thakur suggested to include few contents in Strength of Materials course – Stress, Strain and Deformation of solids, Regions in stress strain diagram. It was also suggested to have more detailing in the syllabus.*
- *Course meeting be planned to address the linking areas of the different courses.*
- *Mr. R. Radhakrishnan expressed the need to include Essentials of Hydraulics and Pneumatics in Measurement*



- Prof. U I Shaikh presented Thermal Module courses in SY B.Tech and curriculum offered by Mechanical Department.
- Dr D G Thakur suggested having more teaching hours on the basic as they are the building block and the foundation to the subject.
- Dr Mohite S S suggested using of EES software, it was informed that the software is part of current teaching practice.
- Mr Radhakrishnan suggested to include Basics pneumatics as one topic to Fluid Mechanics subject
- Dr R B Ingle suggested having external evaluations from second year onwards. Also it is expressed to have focus on higher order Blooms Taxonomy level in setting question paper to focus on analysis, creativity, Use of Action verbs, evaluation outcome and mapping.
- Dr S U Bhandari informed all the members that the Internal audit system is in place and in coming year external audit will be taken once a year.
- Mr S B Matekar presented Manufacturing and Automation Module courses in SY B.Tech and curriculum offered by Mechanical Department.
- Dr D G Thakur suggested including a mention in syllabus of manufacturing science following points- general casting design considerations and casting inspection, tool materials, Manufacturing Science and Materials Engineering subjects
- Dr Nitin Gulhane suggested to include Introduction to Manufacturing processes even through it is included at FY BTech
- It was suggested to decide the depth of Jig and Fixture Design topic due to its wide scope in practice.
- Dr D G Thakur suggested detailing of teaching content in syllabus; add calibrations of instruments and Abey's Principle. Re-arrangement of practicals as per the syllabus content be considered. It was suggested to include Engineering Metrology by R K Jain as Textbook and Engineering Metrology by K J Hume as reference book.
- **Applied Mathematics** course curriculum was presented to Members for suggestions. Dr S S Mohite suggested to orient the topic and to give emphasis on applications of partial differential equations. Members appreciated the contents related use of statistica and excel sheets for Probability and statistics course.
- **It was resolved that the Title change for subject 'Mechanical Measurement and Instrumentation' to 'Metrology and Mechanical Measurement' be done.**
- **It was resolved to approve curriculum of SY B.Tech programme in Mechanical Engineering Department.**

Proposed by: Mr S B Matekar

Seconded by: Dr P A Deshmukh, Chairman, BoS Mechanical



**02:04 Discuss and finalize SY MTech Structure and Courses**

- Dr A Roy presented SY M.Tech courses and curriculum offered by Mechanical Department.
- Methodology for execution of project work and importance of inclusion of seminar for Professional skill development was communicated to all members.
- It was also communicated that curriculum for all M.Tech programs is uniform at Institute level.
- **Curriculum of SY M.Tech (Mechanical) Design Engineering and SY M.Tech (Mechanical) Heat power Engineering was approved.**
- **All the Committee members appreciated the efforts, Teamwork and expressed their agreement over the processes and provisions.**
- Proposed by: Dr Anindita Roy – PG Coordinator  
Seconded by: Dr. Narendra R. Deore Associate Dean, Dean III

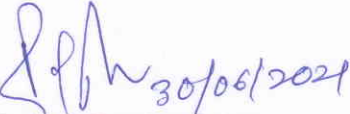
**02.05 Any other point with kind permission of Chair.**

- Dr. C. L. Ladekar proposed for provision of department specific audit courses and to implement the same at Department level.
- **It was resolved to communicate all such audit courses but the implementation will be at Institute level in view of uniformity and resource allocation.**

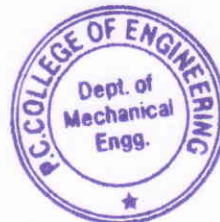
The meeting ended with vote of thanks proposed by Dr. P A Deshmukh

**Prepared by:**

Mr A A Panchwadkar

 30/06/2024

**Dr P A Deshmukh  
Professor and Head,  
Chairman Board of Studies  
Mechanical Engineering Department**



**Chairman**

**BoS, Mechanical Engineering  
PCET's, Pimpri Chinchwad College of Engineering  
Sector No. 26, Pradhikaran, Nigdi, Pune-44**