



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



Minutes of Meeting: 1st Board of Studies Mechanical on 7th Jan 2021

The first Board of studies Mechanical meeting was held on Thursday, 07th January 2021 at 10.30 am in LRDC Hall.

Following members were present:

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

18.	Mr. A. V. Suryavanshi	Module Coordinator - Engineering Sciences Subject Head
-----	-----------------------	---

Following permanent invitees were present:

Sr. No	Name	Designation
1.	Dr. N.B. Chopade	Officiating Director, PCCoE
2.	Dr S U Bhandari	Dean, Academics, PCCoE

Leave of absence was granted to following Members and Invitees:

1	Dr. R. B. Ingle	Professor, Dean Academics Cummins COE, Pune SPPU, VC Nominee
2	Mr. Shirish Bavdekar	Mr. Shirish Bavdekar, Head of Talent acquisition, 3DPLM, Daussalt system, Pune. Industry Representative
4	Dr. Manoj J. Rathod	Professor, Metallurgy Department, COEP, Pune Invitee
3	Dr Sanjay Lakade	Dean – Research & Innovation, PCCoE Subject Head

Agenda for the meeting was as under:

1. Tribute to Late Dr G.V. Parishwad (Ex-Director, PCCoE)
2. Introduction to Members of Board of Studies Mechanical
3. Approval of structure of B. Tech and M. Tech programme in Mechanical Engineering Department
4. Approval of Course Curriculum for of FY B.Tech and FY M.Tech Courses in Mechanical Engineering Department
5. Any other point with the permission of chair

01:01 Tribute to Late Dr G.V. Parishwad (Ex-Director, PCCoE)

The gathering offered Shraddhanjali to Late Dr. G. V. Parishwad by observing a 2-minute silence co-ordinated by Dr Anindita Roy. Dr. P A Deshmukh, Chairman & HoD Mechanical along with all members offered condolences Dr A Roy highlighting his contributions in the development of PCCoE.

01:02 Introduction to Members of Board of Studies Mechanical

Dr P A Deshmukh - Chairman & HOD Mechanical, welcomed and introduced all the members of BoS. Dr N B Chopade Officiate Director PCCoE and Dr P A Deshmukh highlighted the journey and milestones of Autonomy. They also conveyed the views of different stake holders and eminent visitors on acquiring autonomy status as the step forward in growth of institute.

01:03 Approval of structure of B. Tech and M. Tech programme in Mechanical Engineering Department

- Dr. P R Kale, Autonomy Coordinator took forward the discussion through elaborate

discussion on Objectives, Silent features & Proposed Draft of Curriculum-

- *Details discussions on Swapping of Semesters VII & VIII, Open Electives, Skill Based Courses, Proficiency courses, life skill, and flexibility in choosing different courses offered by other departments were highlighted.*
- *It was conveyed by Mr. S K Bhoite that the weightage for units will be the same. More emphasis will be given to unit's leftover after Mid-sem Examination (i.e last 3 units).*
- *Details of exam scheme and rules regulations in respect of continuous evaluation and attendance were taken. Provisions for non-appearance for End-sem examination due to accident / unavoidable reasons discussed.*
- *Dr. Nitin Gulhane – VC nominee, expressed the scope to increase the total credits at Undergraduate level, concern was raised on weightage of portion for End-Sem Examination.*
- *In-house internship be also given under PhD research projects / funded projects.*
- *Open elective credits are maintained same across the institute.*
- *More of Industrial visits to be arranged.*
- *Mapping across the courses with blooms taxonomy be ensured.*
- *Credit transfer through MOOC's scheme with prior approval to be considered for courses not offered by institute.*
- *Manufacturing Science / Manufacturing Engineering to be incorporated as nomenclature instead of Production.*
- *Components of paper setting - apply, analyse and Critical thinking aspects be specifically ensured.*
- ***It was resolved that the word 'production' be replaced by 'Manufacturing Engineering'.***
- ***It was resolved that credit transfer through for MOOC's will be considered for the courses offered by premier institute like IIT's, NIT's etc***
- ***It was resolved to approve structure of B. Tech and M. Tech programme in Mechanical Engineering Department.***

01:04 Approval of Course Curriculum for of FY B.Tech and FY M.Tech Courses in Mechanical Engineering Department

- *Mr. A R Suryawanshi presented FY B.Tech courses and curriculum offered by Mechanical Department.*
- *Curriculum for Engineering Graphics, Workshop Practice and Basic Mechanical Engineering – contents are well thought of.*
- *Weightage for Electronics based practical's was an added feature highlighted and was appreciated by Members.*
- *All the external members appreciated the efforts taken in framing the curriculum.*
- *Mr. R Radhakshishnan underlined the need on Hands-on / experiential learning component was appreciated by the team and for Engineering Graphics course freehand Sketching, 2 D drawings and emphasis on imagination is given.*
- *Inclusion of CAD software at Engineering Graphics course was appreciated.*
- *Dr Anindita Roy PG Coordinator M.Tech (Mechanical) Heat Power Engineering presented the curriculum. Program core courses, Professional Elective courses, labs,*

Skill development experiential learning activities.

- *It was communicated to the members by Dr P R Kale that the structure for M.Tech (Mechanical) Design Engineering is same at Institute level for all PG Programs. A Curriculum for M.Tech (Mechanical) Design Engineering was presented and key features were highlighted for the same.*
- *Both the PG Coordinators focused on the industrial interactions in framing the curriculum.*
- *Dr D G Thakur provided inputs on inclusion of Advanced Materials and Damage tolerant Design in Material testing, Fatigue and Fracture courses respectively.*
- ***It was resolved to include Advanced Materials as curriculum component in Material behaviour of Materials and course name 'Fatigue and Fracture Mechanics' be changed to Fatigue and Fracture Analysis' at M. Tech programme in Mechanical Engineering Department.***
- ***It was resolved to approve curriculum of B. Tech and M. Tech programme in Mechanical Engineering Department.***
- *Methodology for conduct of Industrial / In-house Internship was discussed in details and agreed on implementation thought process. Techno social Project can be taken by students.*
- *Mr Sham Bhagat expressed the importance of Project Management, value engineering and activities like mini project need.*
- *All the Committee members approved and expressed their agreement over the processes, provisions and curriculum of Undergraduate, M. Tech (Mechanical) specialization Design Engineering and M.Tech (Mechanical) specialization Heat power Engineering.*


01:05 Any other point with the permission of chair

*It was suggested by Dr Nitin Guhane that more faculty orientation programs needs to be conducted. It was communicated to the BoS that faculty orientation programs has been initiated at college level as well as at department level. One such program was recently conducted on **Teaching Pedagogy** on 28th Dec 2020.*

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

Prepared by:

Mr A A Panchwadkar, Associate Professor MED


12.01.21

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