

**Minutes of Board of Studies Meeting -Industrial and Mechanical Engineering
School of Technology (SoT),
Pandit Deendayal Petroleum University
Gandhinagar, Gujarat-382007**

BOS meeting was held on 10th May 2018 at 3 PM in E-block, committee room, SoT, PDPU

Sr No	Name of BOS	Name of nominated members	Present	
1	Mechanical Engineering and Industrial Engineering (SOT)	1. Dr.M.B.Kiran- Industrial Engineering (Chairman)	Present	
		2. Dr. Anurag Mudgal- Mechanical Engineering	Present	
		3. Dr. D.M.Parikh- Industrial Engineering	Present	
		<u>External Academic Members</u>		Present
		1. Prof. Kaushik.M.Patel , Mech. Engg. Dept., Nirma University, Sarkhej-Gandhinagar Highway, Ahmedabad- 382 48	Present	
		2. Dr. D. V. Bhatt, Mech. Engg. Dept., SVNIT, Mechanical Engineering Department, Sardar Vallabhbhai National Institute of Technology, Ichchanath, Surat, Gujarat -395007, INDIA	Present	
		<u>Professional members</u>		Absent
		1. Mr. Himanshu Trivedi (BOSCH) Near Village Iyava, Sanand Viramgam Highway, Taluka Sanand, Ahmedabad, Gujarat 382170	Absent	
		2. Shrikant Mehta Global Quality Manager (PG I&C TRES) BU PGTR, ABBLimited, Maneja Works, Vadodara - 390 013 , India	Absent	

At the outset chairman BOS greeted all the members who were present & elaborated on the agenda of the meeting and gave context of revised contact hours, exam schemes and introduction of continuous evaluation for internal marks.

The following points of the agenda were taken up .

1. A) B.Tech Curriculum

The following were reviewed

1. 2015 Syllabus –B.Tech (Ind.Engg.) -7th and 8th Semesters
2. 2016 Syllabus –B.Tech (Ind.Engg.)-5&6 semesters
3. 2016 Syllabus –B.Tech (Mech.Engg.)-5&6 semesters
4. 2018 Syllabus –B.Tech (Mech.Engg.)-1&2 semesters & framework

While appreciating (very well updated and latest according to the industry norms and current scenario's) the introduction of new syllabi , the above subjects were reviewed and following changes were suggested.

- Members elaborated on course objectives, outcomes along with the content of the syllabus and agreed in principle to adopt.
- Swapping of courses –Lean systems and supply chain management- 2015 Syllabus –B.Tech (Ind.Engg.) -7th and 8th Semesters
- Suggested to add network models & travelling salesman problems in operations research- B.Tech (Ind.Engg.)-5&6 semesters.
- Suggested to add application centric manufacturing techniques in Advanced manufacturing techniques -B.Tech (Ind.Engg.)-5&6 semesters.
- Suggested to make heat transfer concepts more application centric. – B.Tech (Mech.Engg.)-5&6 semesters.
- Suggested to make POM concepts more application centric. –B.Tech (Mech.Engg.)-5&6 semesters.
- Suggested to changes such as effects of vibration, causes of vibration (1D,2D, etc),FMEA, air bearings in Dynamics of machines. –B.Tech (Mech.Engg.)-5&6 semesters.
- Suggested to make machine design concepts more application centric. –B.Tech (Mech.Engg.)-5&6 semesters.

B) M.Tech Curriculum

While appreciating the introduction of syllabi for new M.Tech (Mech.Engg.- Engg.Design) program , all subjects were reviewed and following changes were suggested.

- Suggested to rename M.Tech programme as M.Tech Mechanical (Design)

- Suggested to make machine design concepts more application centric. -2018 Syllabus –M.Tech (Mech.Engg.-Engg.Design) 1 st Year, & framework
- Suggested to make Advanced Solid Mechanics to reflect latest developments.-2018 Syllabus –M.Tech (Mech.Engg.-Engg.Design) 1 st Year, & framework.
- Suggested to make Theory And Analysis Of Vibrations concepts more application centric. -2018 Syllabus –M.Tech (Mech.Engg.-Engg.Design) 1 st Year, & framework

B) PEOs, POs, PSOs and COs for B. Tech. Mechanical Engineering

- Mission and Vision of the department was discussed earlier with members and members agreed with final Mission and Vision of the department.
- PEOs, POs and PSOs were presented to members, they agreed with final form prepared after consultation with academic and industry experts inputs.
- Review of sample COs: Suggested that all COs shall be prepared using Blooms Taxonomy. One or two COs shall focus on lower order thinking while rest shall focus on higher order thinking of students.

The meeting concluded with votes of thanks to all the members of BoS for their valuable time ; suggestions & contribution in meetings



Dr.M.B.Kiran
Chairman, BoS
Industrial and Mechanical Engineering