

BansilalRamnath Agarwal Charitable Trust's  
**Vishwakarma Institute of Technology, Pune-411037**  
(An Autonomous Institute Affiliated to SavitribaiPhule Pune University)

**Mechanical Engineering Department**

Ref: **VI/BOS-10/Mech./2017/**

Date: 28<sup>th</sup> April 2017

**Points Discussed in 2<sup>nd</sup> Industrial Advisory Board (IAB) Meeting held on 28<sup>th</sup> April 2017, in  
Mechanical Engineering Department**

Head of the Mechanical department has discussed the new structure for the B-Tech students. The major change in the new structure is that in final year of B-Tech degree a 5-6 month industry internship is introduced. This internship is in the lieu of the four electives which were there in the previous structure of final year B-Tech engineering. The student will undergo internship either in first semester or in second semester of final year. The department has taken care of all the core subjects of Mechanical engineering. Also, AICTE planning to promote the students for internship as like medical education.

Following are the point discussed after HOD's presentation;

- 1) Base on the point of "e-learning" courses raised in the previous IAB meeting Mechanical department has introduced MOOC (Massive Open Online Courses) courses every semester up to third year of engineering. AICTE is also planning the same.
- 2) The objectives of the internship are discussed
  - a) The student will get exposure to the industry environment
  - b) The internship will help for the placement of the student in any other or the same industry
  - c) The internship may help student to start his own industry
- 3) The point has raised that there should be a continuous interaction between the VIT faculty and industry personnel regarding the work undertaken by the respective student during the internship in that industry (i.e. to track the record of the student).  
The point has accepted and it is decided that a faculty will be allotted to every student for the interaction.
- 4) Various areas has been identified for the student to undergo the internship
  - a) Hydraulics and Pneumatics
  - b) Manufacturing/ Production
  - c) Steam Engineering
  - d) Operations
  - e) Supply chain
  - f) R & D

- g) Materials
- h) Process automation
- i) Energy conservation
- j) Water management
- k) Assembly line

All the IAB members are requested to add any new area in the above list related to your industry. Also, IAB members are requested to give 5-6 months internship to the final year students.

VIT is also trying to reach to VIT alumni for the internship of the students.