

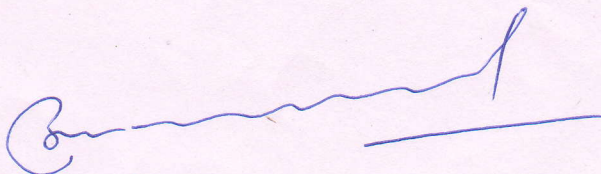
**Department of Mechanical Engineering  
School of Engineering & Technology  
Sharda University, Greater Noida**

**Minutes of BOS Meeting**

Date: 01<sup>st</sup> June, 2018

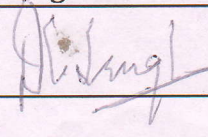
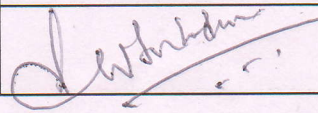
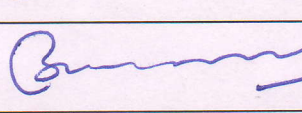


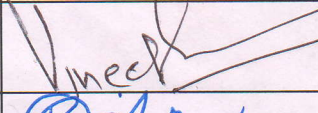
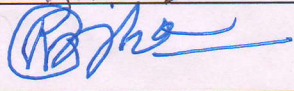
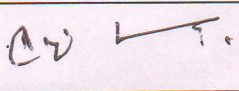
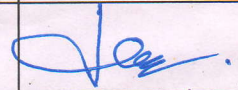
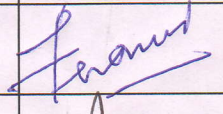
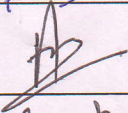
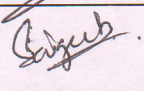
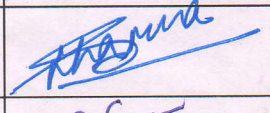
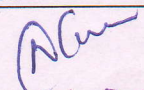
1. External members of BOS suggested that the following courses should be included as departmental electives:
  - a. Elevator Engineering (3-0-0)3
  - b. Six-sigma practices (3-0-0)3
  - c. Internet of Things (IoT) (3-0-0)3
2. The course of Material Science and Metrology (3-0-0)3 may be split into two separate courses, Material Science (2-0-0)2 and Metrology (0-0-2)1.
3. The external experts were of the opinion that the students after completion of 1<sup>st</sup> and 2<sup>nd</sup> year studies may not be ready to go for proper industry internship since they may not be able to derive the intended benefits. Also, the industries may not be willing to accommodate students for internship at their premature stage. It was suggested that instead of industry internship alone, we could have a bucket containing industry internship, training in industry relevant skills, etc., of at least 4 weeks duration.
4. Some suggestion for Project based learning were also given. These included:
  - a. Design and Fabrication of Experiments for teaching lab.
  - b. Small industry related projects.
5. It was recommended that instead of 2D CAD lab in the 1<sup>st</sup> term, a 3D software should be included so that training should not be on Auto-CAD 2D but on software such as Solid Works. However some experience in reading 2D drawing and imagining their 3D shapes is highly desirable.

Meeting ended with vote of thanks to the chair.



**Proposed list of Member of BOS**  
**Department of Mechanical Engineering**  
**School of Engineering and Technology**  
**SHARDA UNIVERSITY**

Date: 01/June/2018

1 External Members		Sign
I.	<b>Dr. D.V. Singh</b> Ex-Director, IIT-Roorkee	
II.	<b>Dr. Sudipto Mukherjee</b> Department of Mechanical Engineering, IIT-Delhi	
III.	<b>Mr. A.N. Seshadri</b> Vice President, Perkins, Gurugram	
2 Internal Members		
I.	<b>Prof. Bhim Singh</b> HoD, Department of ME, Sharda University	
II.	<b>Prof. Vijay Gupta</b> Distinguished Professor, Department of ME, Sharda University	
III.	<b>Dr. Ananda Babu</b> Associate Professor, Department of ME, Sharda University	
IV.	<b>Dr. Vineet Kumar</b> Assistant Professor, Department of ME, Sharda University	
V.	<b>Mr. R.S.Ojha</b> Assistant Professor, Department of ME, Sharda University	
VI.	<b>Mr. A.K. Sehgal</b> Assistant Professor, Department of ME, Sharda University	
VII.	<b>Mr. Shibamay Mitra</b> Assistant Professor, Department of ME, Sharda University	
VIII.	<b>Mr. Francis John</b> Assistant Professor, Department of ME, Sharda University	
IX.	<b>Ms. Akanksha Mishra</b> Assistant Professor, Department of ME, Sharda University	
X.	<b>Ms. Saigeeta Priyadarshini</b> Assistant Professor, Department of ME, Sharda University	
XI.	<b>Mr. Gomish Sharma</b> Assistant Professor, Department of ME, Sharda University	
XII.	<b>Mr. Nitesh Kumar</b> Assistant Professor, Department of ME, Sharda University	

Head of the Department  
Mechanical & Automobile Engineering  
School of Engineering & Technology  
Sharda University  
Greater Noida

**Prof. Bhim Singh**  
**HOD-ME**

**B. Tech. Production & Industrial Engineering Curriculum (2015 batch onward)**

Sem			Courses						Courses	Labs	L	T	P	Weekly Contact	Credits
I	English-I (2-0-2) 3	Maths – 1 (3-1-0) 4	Physics – I (3-1-0) 4	Logic Building and problem solving (3-1-2) 5	Chemistry (3-1-2) 5	Manufacturing science Lab. (0-0-4) 2		6	4	14	4	10	28	23	
II	English –II (2-0-2) 3	Maths-2 (3-2-0) 4	Physics – 3 (3-1-2) 5	Programming Using C (3-0-2) 4	Environmental Science (2-0-0) 2	PEEE (3-1-2) 5		6	4	16	3	8	27	23	
III	Mathematics – 3 (3-1-0)4	Introduction to Mechanical Engineering (3-0-0)3	Thermal Engineering (3-1-0) 4	Engineering Materials (3-0-2) 4	Engineering Mechanics (3- 1-2) 5	Graphic Science Lab. (0-0-4) 2	Term Paper – 1 (0-0-2)1	5	4	15	3	10	27	23	
IV	Communication Practices (2-0-2)3	Strength of Materials (3-1-0) 4	Manufacturing Technology – I (4-0-2) 5	OOPS (3-0-2)4	Industrial Engineering (4-0-0)4	Economics for Engineers (3-0-0)3	Term Paper – 2 (0-0-2)1	6	3	19	1	08	31	24	
V	Professional Skill Enhancement (2-0-4)4	Design of Machine Elements (3-1-2) 5	Computer Integrated Manufacturing Systems (3- 0-2) 4	Manufacturing Technology - II (4-0-2) 5	Production Planning and Inventory Control (4-0-0) 4	Term paper – 3 (0-0-2)1		5	3	16	1	12	29	23	
VI	Advanced Manufacturing Technology (4- 0-0)4	Quality Management (3-0-0) 3	Department Elective – 1 (4-0-0) 4	Management for Engineers (3-0-0)3	Operation Research (3-1- 0)4	Term Paper – 4 (0-0-2)1		5	1	17	1	2	20	19	
VII	Summer Training (0-0-4) 2	Sheet Metal & Design of Tools (4-0-0) 4	Human Resource Management (3-0-0) 3	Project – 1 (0- 0-4)2	Department Elective – 2 (4- 0-0)4	Department Elective – 3 (4-0- 0)4	Open Elective 1 (4-0-0)4	5	2	19	0	8	27	23	
VIII	Project – 2 (0-0-16) 8	Advanced Written Communicatio ns (3-0-0) 3	Department elective – 4 (4-0-0) 4	Department Elective – 5 (4- 0-0)4	Open elective – 2 (4-0-0)4			4	1	15	0	16	31	23	

**TOTAL 181 Credits**

