

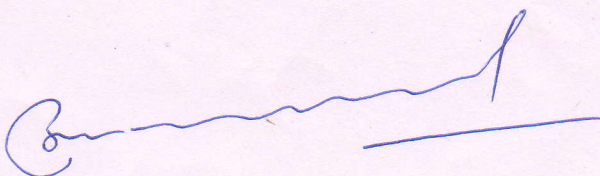
**Department of Mechanical Engineering
School of Engineering & Technology
Sharda University, Greater Noida**

Minutes of BOS Meeting

Date: 01st June, 2018

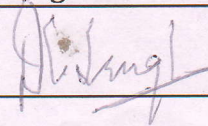
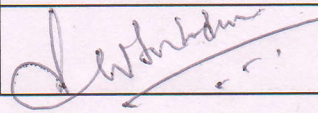
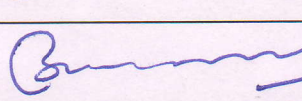


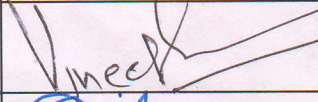
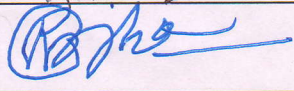

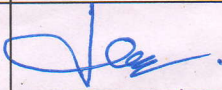
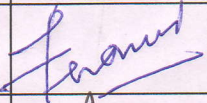
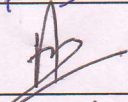
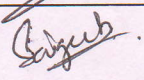
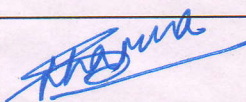
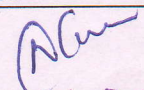
1. External members of BOS suggested that the following courses should be included as departmental electives:
 - a. Elevator Engineering (3-0-0)3
 - b. Six-sigma practices (3-0-0)3
 - c. Internet of Things (IoT) (3-0-0)3
2. The course of Material Science and Metrology (3-0-0)3 may be split into two separate 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 1st and 2nd 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 1st 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.	Dr. D.V. Singh Ex-Director, IIT-Roorkee	
II.	Dr. Sudipto Mukherjee Department of Mechanical Engineering, IIT-Delhi	
III.	Mr. A.N. Seshadri Vice President, Perkins, Gurugram	
2 Internal Members		
I.	Prof. Bhim Singh HoD, Department of ME, Sharda University	
II.	Prof. Vijay Gupta Distinguished Professor, Department of ME, Sharda University	
III.	Dr. Ananda Babu Associate Professor, Department of ME, Sharda University	
IV.	Dr. Vineet Kumar Assistant Professor, Department of ME, Sharda University	
V.	Mr. R.S.Ojha Assistant Professor, Department of ME, Sharda University	
VI.	Mr. A.K. Sehgal Assistant Professor, Department of ME, Sharda University	
VII.	Mr. Shibamay Mitra Assistant Professor, Department of ME, Sharda University	
VIII.	Mr. Francis John Assistant Professor, Department of ME, Sharda University	
IX.	Ms. Akanksha Mishra Assistant Professor, Department of ME, Sharda University	
X.	Ms. Saigeeta Priyadarshini Assistant Professor, Department of ME, Sharda University	
XI.	Mr. Gomish Sharma Assistant Professor, Department of ME, Sharda University	
XII.	Mr. Nitesh Kumar 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

COURSE STRUCTURE: AEROSPACE ENGINEERING (2017 Batch Onwards)

Term	Courses (L-T-P) Credits								Contact Hr/Week				Credits
									L	T	P	Total	
I	Mathematics-I (3-1-0)4	Computer-I (3-1-4)4	Physics-I (3-1-0)4	Chemistry (3-0-2)4	EEE (3-1-2)5	Tinkering Lab (0-0-2)1			15	3	10	28	22
II	English/Humanities-I (2-0-2)3	Mathematics-II (3-1-0)4	Computer-II (2-0-4)4	Physics-II (3-0-2)4	Basic of Electronics Engineering (3-0-0)3	Energy & Environmental Sciences (3-0-0)3	Manufacturing Science (0-0-4)2		16	1	12	29	23
III	Introduction to Mechanical Engineering (4-0-0)4	AR-I (0-2-2)1	Basic Thermodynamics (3-1-0)4	Engineering Mechanics (3-1-2) 5	Values & Ethics (2-0-0) 2	Graphics Science lab (0-0-4)2	English/Humanities-II (2-0-2)3		12	4	10	26	21
IV	Material Science & Metrology (3-0-0)3	AR-II (0-2-2)1	Strength of Materials (3-1-2) 5	Kinematics Of Machines (3-1-0) 4	Manufacturing Technology-I (4-0-2) 5	Fluid Mechanics (3-1-2) 5	Minor Project-I (0-0-4) 2		16	5	12	33	25
V	Propulsion - I (3-1-2) 5	Heat Transfer (3-1-2) 5	Incompressible Aerodynamics (3-1-2) 5	Aircraft Structure-I (3-1-0) 4	AR-III (0-2-0)1	Minor Project-II (0-0-4) 2	Management for Engineers (3-0-0) 3		15	6	10	31	25
VI	AR-IV (0-3-0) 2	Aircraft Structure-II (3-1-0) 4	Aircraft Design (3-1-0) 4	Department Elective I (4-0-0) 4	Simulation/ CFD Lab (0-0-4) 2	Minor Project-III (0-0-4) 2	Communication Practice (2-0-2) 3	Theory of Rocket and Missile (4-0-0)4	16	5	10	31	25
VII	Department Elective IV (4-0-0) 4	Department Elective II (4-0-0) 4	Department Elective III (4-0-0) 4	AR-V (0-3-0) 2	Open Elective-I (4-0-0) 4	Summer Training (0-0-4)2	Aircraft Performance & Stability (3-1-0) 4		19	4	4	27	24
VIII	Project (0-0-16) 10	Project Management (3-0-0) 3	Elements of Vibrations (3-1-0)4	Open Elective-II (4-0-0) 4					10	1	16	28	21
	TOTAL CREDITS												183