LAB-6 Schedule (DH)

Table numbers: A – K (66)		Table numbers: L – W (68)	
0 – 5 min	Mechanism design dimensions: Download from moodle		
5 – 15 min 5 to 75 min	Laser Cutting demo (2 nos) 6 students per batch	5 – 20 min 5– 45 min	3D Printer (6 nos) 6 students per batch
75 – 90 min 75 -115 min	3D Printer demo (6 nos) 6 students per batch	75 – 85 min 75 – 145 min	Laser cutting demo(2 nos) 6 students per batch
0 – 145 min	Mechanism modeling and creating 3D Print-Laser cut file (15 Marks) Manufacture and assembly(15 Marks)		
145 – 175 min	Quiz on manufacturing theory (30 Marks) **Reference materials:** **CO2 Laser Cutter Machine (10 min): https://youtu.be/Lppa2Wkuyf0** **Lasercad Software Demo (15 min): https://youtu.be/mybL4fdqyFE** **3D Printer Learning (30 min): https://youtu.be/eik79lIAxug** **Fractory Software Demo (30 min): https://youtu.be/FcTOVzVAdTI**		

LAB-6 Schedule (DESE-101)

Table numbers: A – C (18)		Table numbers: D – E (12)	
0 – 5 min	Mechanism design dimensions: Download from moodle		
5 – 15 min 5 to 45 min	Laser Cutting demo(1 nos) 6 students per batch	5 – 20 min 5 to 20 min	3D Printer (2 nos) 6 students per batch
45 – 60 min 45 - 85 min	3D Printer demo (2 nos) 6 students per batch	45 – 55 min 45 – 75 min	Laser cutting demo(1 nos) 6 students per batch
0 – 145 min	Mechanism modeling & 3D Print/Laser cut file generation (15 Marks) Manufacture and assembly (15 Marks)		
145 – 175 min	Quiz on manufacturing theory (30 Marks) **Reference materials:** **CO2 Laser Cutter Machine (10 min): https://youtu.be/Lppa2Wkuyf0** **Lasercad Software Demo (15 min): https://youtu.be/mybL4fdqyFE** **3D Printer Learning (30 min): https://youtu.be/eik79lIAxug** **Fractory Software Demo (30 min): https://youtu.be/FcTOVzVAdTI**		

LAB-6 Schedule (DESE-108)

Table numbers: G – I (18)		Table numbers: J – L (18)	
0 – 5 min	Mechanism design dimensions: Download from moodle		
5 – 15 min 5 to 45 min	Laser Cutting demo(1 nos) 6 students per batch	5 – 20 min 5 - 20 min	3D Printer (3 nos) 6 students per batch
45 – 60 min 45 - 60 min	3D Printer demo (3 nos) 6 students per batch	45 – 55 min 45 – 85 min	Laser cutting demo(1 nos) 6 students per batch
0 – 145 min	Mechanism modeling & 3D Print/Laser cut file generation (15 Marks) Manufacture and assembly (15 Marks)		
145 – 175 min	Quiz on manufacturing theory(30 marks) **Reference materials:** **CO2 Laser Cutter Machine (10 min): https://youtu.be/Lppa2Wkuyf0** **Lasercad Software Demo (15 min): https://youtu.be/mybL4fdqyFE** **3D Printer Learning (30 min): https://youtu.be/eik79lIAxug** **Fractory Software Demo (30 min): https://youtu.be/FcTOVzVAdTI**		