

6. HORIZONTAL AND VERTICAL ORGANIZATION OF THE SUBJECTS

Sr. No.	Subjects	Distribution in Hours in Various Semesters					
		I	II	III	IV	V	VI
1.	Communication Skills	5	5	-	-	-	-
2.	Applied Physics	6	5	-	-	-	-
3.	Applied Chemistry	4	4	-	-	-	-
4.	Applied Mathematics	5	5	-	-	-	-
5.	Engineering Drawing	6	6	-	-	-	-
6.	General Workshop Practice	6	6	-	-	-	-
7.	Basics of IT	4	-	-	-	-	-
8.	Applied Mechanics	-	5	-	-	-	-
9.	Strength of Materials	-	-	6	-	-	-
10.	Press tool design and drawing	-	-	7	-	-	-
11.	Basics of Electrical and Electronics Engineering	-	-	5	-	-	-
12.	Workshop Technology	-	-	3	3	3	-
13.	Machine Drawing	-	-	6	-	-	-
14.	Workshop Practice	-	-	9	9	9	8
15.	Materials & Metallurgy	-	-	-	5	-	-
16.	Jigs, fixtures & gauges – design and drawing	-	-	-	5	-	-
17.	Hydraulic and pneumatic systems	-	-	-	5	-	-
18.	Inspection & quality control	-	-	-	5	-	-
19.	CAD	-	-	-	4	6	-
20.	Heat Treatment	-	-	-	-	4	-
21.	Plastic mould-design & drawing	-	-	-	-	6	-
22.	CNC Machines & automation	-	-	-	-	6	-
23.	Estimating & Costing	-	-	-	-	3	-
24.	CIM	-	-	-	-	-	6
25.	Forging & casting dies-design & drawing	-	-	-	-	-	7
26.	Industrial Engineering	-	-	-	-	-	4
27.	Industrial Management	-	-	-	-	-	3
28.	Project work	-	-	-	-	-	8
29.	Student centred activities	4	4	4	4	6	4
	Total	40	40	40	40	40	40

