



# NETAJI SUBHASH INSTITUTE OF TECHNOLOGY, BIHTA, PATNA

Bachelor of Technology

Department of Mechanical Engineering  
Attainment of Course with Program Outcome

S.No.	Semester	Course Code	Course Name	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	PS01	PS02
1	I	100101	BASIC ELECTRICAL ENGINEERING	2.02	2.02	0.87	1.44	0	1.44	1.88	0	0.00	0.72	0.87	1.3	0	0
2	I	100102	ENGINEERING GRAPHICS & DESIGN	0.23	0.16	0.16	0.16	0.16	0.16	0.16	0.00	0.12	0.16	0.16	0.23	0.16	0.16
3	I	102101	PHYSICS (ELECTROMAGNETISM)	2.31	1.88	1.88	1.16	1.73	0.00	0.87	0.00	0.00	0.87	0.00	0.00	0.00	0.00
4	I	102102	MATHEMATICS - I (CALCULUS AND LINEAR ALGEBRA)	0.73	0.67	0.26	0.47	0.36	0.16	0.21	0	0.00	0.1	0.31	0	0	0
5	I	100101P	BASIC ELECTRICAL ENGINEERING(Practical)	1.59	1.59	0.72	1.16	0	1.16	0.58	0	0.00	0.58	0.58	0.87	0	0
6	I	100102P	ENGINEERING GRAPHICS & DESIGN(Practical)	1.30	0.87	0.87	0.87	1.52	1.73	0.87	1.73	0.87	0.87	1.73	1.16	1.30	1.16
7	I	102101P	PHYSICS (ELECTROMAGNETISM)(Practical)	2	2	1	2	0	2	2	0	1.00	1	1	0	0	0
8	II	100203	CHEMISTRY	1.16	1.16	1.16	1.73	1.73	1.16	0.87	0.87	0.43	1.44	1.3	2.02	1.01	0.87
9	II	100204	PROGRAMMING FOR PROBLEM SOLVING	0.58	0.72	0.72	0.72	0	0	0.43	0	0.72	0.72	0	0.72	0	0
10	II	100205	WORKSHOP MANUFACTURING PRACTICES	1.80	1.40	1.20	1.60	1.60	2.00	2.00	2.50	2.00	1.50	1.50	1.50	1.50	1.33
11	II	100206	ENGLISH	1.3	1.16	0.72	1.16	1.44	0.43	1.01	0.29	0.14	1.3	0.87	1.59	0.29	0.87
12	II	102202	MATHEMATICS - II (ODE & COMPLEX VARIABLES)	1.4	1.3	0.7	0.9	0.9	0.5	0.5	0	0.00	0.3	0.7	0.2	0	0
13	II	100203P	CHEMISTRY(Practical)	1.4	1.17	1.67	1.8	2	2.67	2.67	0	1.33	1.67	2.33	1.33	2	1
14	II	100204P	PROGRAMMING FOR PROBLEM SOLVING(Practical)	0.58	0.72	0.72	0.72	0.00	0.00	0.43	0.00	0.72	0.72	0.00	0.72	0.00	0.00
15	II	100205P	WORKSHOP MANUFACTURING PRACTICES(Practical)	1.80	1.40	1.20	1.60	1.60	2.00	2.00	2.50	2.00	1.50	1.50	1.50	1.50	1.33
16	II	100206P	ENGLISH(Practical)	0.30	0.27	0.27	0.20	0.33	0.17	0.10	0.00	0.00	0.23	0.20	0.20	0.00	0.00
17	III	100301	BIOLOGY FOR ENGINEERS	1.3	0.87	0.87	0.87	1.52	1.73	0.87	2.02	0.87	1.04	0.87			
18	III	100303	BASIC ELECTRONICS ENGINEERING	1.91	1.39	0.69	1.39	1.73	0.52	2.08	0.00	0.00	1.73	1.56	1.73	0.00	0.00
19	III	100309	ENGINEERING MECHANICS	0.78	0.40	0.40	0.33	0.58	0.67	0.33	0.67	0.33	0.60	0.33	0.50	0.33	0.44
20	III	100312	MATHEMATICS-III (PDE, PROBABILITY AND STATISTICS)	1.56	1.65	0.80	1.05	1.05	1.80	0.80	0.00	0.00	0.60	1.40	1.20	0.00	0.00
21	III	102304	THERMODYNAMICS	1.73	2.08	0.87	0.87	1.56	1.73	1.73		0.87	1.73	0.87	1.73	0.87	1.16
22	III	100309P	ENGINEERING MECHANICS(Practical)	2.33	2.00	1.00	2.25	1.75	2.50	1.67	2.00	2.00	2.25	1.60	1.60	1.00	1.00
23	III	100399P	Internship(Practical)	1.73	1.39	1.04	1.3	2.43	2.02	2.6	0	2.60	2.6	1.44	2.08	1.73	1.39
24	III	102302P	Machine Drawing(Practical)	0.56	0.56	0.28	0.56	0.56	0	0.28	0.28	0.00	0.7	0.56	0	0	0
25	IV	102401	Applied Thermodynamics	2.17	1.56	1.04	1.56	1.73	2.6	2.02	1.73	0.87	1.56	1.04	1.91	0.87	1.16
26	IV	102402	Engineering Materials	<b>2.02</b>	<b>1.52</b>	<b>0.87</b>	<b>1.52</b>	<b>1.52</b>	<b>1.73</b>	<b>1.44</b>	<b>1.73</b>	<b>0.87</b>	<b>1.56</b>	<b>1.21</b>	<b>1.95</b>	<b>2.02</b>	<b>1.3</b>
27	IV	102403	Fluid Mechanics	1.73	2.60	1.39	2.08	1.73	1.73	0.87			2.60	1.21	1.21	1.30	1.16
28	IV	102404	Instrumentation & Control	2.67	2.50	2.33	2.83	2.67	2.83	2.33			2.83	2.83	2.33	0.00	0.00
29	IV	102405	Strength of Materials	2.02	1.52	1.04	1.04	1.3	1.73	1.73	1.73	0.87	1.73	1.16	1.73	2.02	1.3
30	IV	102403P	Fluid Mechanics(Practical)	2.00	3.00	2.00	3.00	2.00	2.00	1.00			3.00	1.00	1.00		
31	IV	102405P	Strength of Materials(Practical)	1.5	0.83	1.17	1	1.5	1.5	0.67	1.5	0.83	1.33	2	1	0.5	0.5
32	V	102501	Fluid Machinery	2.08	1.39	0.52	1.04	0.17	0.69	1.04	0	0.00	0.52	1.04	1.91	0.52	0.87
33	V	102502	Heat Transfer	2.02	1.52	1.30	0.87	1.39	1.73	0.87	2.60	0.87	1.16	1.73	1.44	0.87	1.16
34	V	102503	Kinematics of Machine	0.64	0.27	0.18	0.27	0.36	0.36	0.18	0	0.00	0	0	0.36	0.27	0.36
35	V	102504	Manufacturing Processes	1.73	1.44	0.58	1.3	1.73	0	0	0	0.00	1.73	0	0.72	0	0
36	V	100510P	Summer Entrepreneurship - II(Practical)	0.87	1.39	2.08	1.21	1.44	1.73	2.08	1.73	2.08	2.25	1.91	2.25	1.73	1.39
37	V	102501P	Fluid Machinery(Practical)	2.8	1.6	1.25	2.2	2.6	2	1.6	0	0.00	1	1.67	2.4	1	1.67

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38	V	102502P	Heat Transfer(Practical)	1.76	1.03	0.7	1.76	1.61	0.88	0.44	1.32	0.44	0.88	0.7	1.41	0.59	0.44
39	V	102504P	Manufacturing Processes(Practical)	1.50	1.10	0.60	1.10	0.00	0.00	0.60	0.00	0.00	1.80	1.20	1.00	0.60	0.80
40	VI	102601	Design of Machine Elements	1.73	2.46	1.44	1.59	1.59	0	0	0	0.00	2.46	0	0.72	0.43	0.58
41	VI	102602	Dynamics of Machinery	0.39	0.28	0.28	0.33	0.28	0.33	0.28	0	0.00	0.28	0	0.33	0.17	0.22
42	VI	102603	Manufacturing Technology	0.13	0.09	0.09	0.10	0.18	0.17	0.10	0.13		0.10	0.10	0.13	0.10	0.11
43	VI	102605	Automation in Manufacturing	1.61	0.96	0.86	1.03	1.24	1.72	1.38	1.38	0.69	1.21	1.55	1.38	0.69	1.38
44	VI	102609	Composite Materials Mechatronics	2.6	1.56	0.87	0.87						0.87	1.73	2.08	1.3	1.44
45	VI	102610	Power Plant Engineering	1.73	1.56	1.39	1.56	1.30	1.73	2.31	2.60	0.87	1.39	1.52	1.73	1.44	2.02
46	VI	102611	Renewable Energy Systems	2.31	1.52	1.04	1.04	1.30	1.56	1.73	1.39	0.87	1.52	2.08	2.08	0.52	1.16
47	VI	102601P	Design of Machine Elements(Practical)	1.68	1.10	0.60	1.20	0.75					0.70				
48	VI	102602P	Dynamics of Machinery(Practical)	0.7	0.5	0.5	0.6	0.5	0.6	0.5	0	0.00	0.5	0	0.6	0	0
49	VI	102603P	Manufacturing Technology(Practical)	2.38	1.21	0.87	2.25	2.17	1.73	1.04	2.6	1.73	1.21	0.87	1.91	0.87	0.87
50	VI	102605P	Automation in Manufacturing(Practical)	0.84	0.72	0.84	0.84	1.44	1.15	1.15	0.72	1.08	0.86	1.08	1.32	0.48	0.36
51	VII	102701	Internal Combustion Engines	1.65	1.61	0.11	1.15	0	0.34	0	0	0.00	2.07	0	0.46	0.34	0.46
52	VII	102702	Refrigeration and Air Conditioning	1.95	1.56	1.04	1.56	1.73	2.6	2.02	1.73	0.87	1.56	1.04	1.91	0.87	1.16
53	VII	102705	Automobile Engineering	0.87	0.14	0.58	0.87	0.87	0.87	0.72	0.00	0.00	1.16	0.00	1.01	0.43	0.58
54	VII	102706	Operations Research	1.38	0.96	0.96	1.03	1.84	1.72	1.03	1.38	0.00	1.03	1.03	1.38	1.03	1.15
55	VII	100702P	Summer Entrepreneurship-III	1.56	1.3	1.21	1.21	2.34	1.73	1.56	1.56	1.39	1.25	2.34	1.82	0.87	0.69
56	VII	100709P	Project-I	1.4	1.6	2.2	2	2	2	1.6	2	2.00	2.2	2.4	2.2	1.4	1.4
57	VII	102701P	Internal Combustion Engines(Practical)	2.25	1.44	0.87	1.16	0.87	1.73	0.87			2.60		0.87		
58	VIII	102802	Design of Transmission Systems	2.60	1.91	1.56	0.87	1.73	2.60	1.73	1.73	0.87	1.73	1.21	1.73	1.73	1.39
59	VIII	102805	Gas Dynamics and Jet Propulsion	2.60	1.39	0.87	1.39	1.73	2.60	2.02	1.73	0.87	1.56	1.04	1.91	0.87	1.30
60	VIII	102807	Safety Management	1.73	1.3	1.04	0.87	0.87	2.6	2.6	2.6	1.56	1.39	2.08	1.52	0.87	1.3
61	VIII	102808	Non-Conventional Manufacturing	2.02	1.91	1.21	1.56	1.91	2.60	1.30	1.73	0.87	1.73	1.16	1.73	1.44	1.08
62	VIII	100801P	Project-II	<b>0.84</b>	0.96	1.32	1.2	1.2	1.2	0.96	1.2	1.20	1.32	1.44	1.32	0.84	0.84