



NETAJI SUBHASH INSTITUTE OF TECHNOLOGY, BIHTA, PATNA
Affiliated to Bihar Engineering University

Bachelor of Technology

Department of civil engineering

Attainment of Course with Program Outcome

S.No.	Semester	Subject	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	I	Basic Electrical Engineering LAB	0.42	0.42	0.19	0.3	0	0.3	0.15	0	0	0.15	0.15	0.23	0.19	0.08
2	I	Basic Electrical Engineering	0.93	0.93	0.4	0.67	0	0.67	0.87	0	0	0.33	0.4	0.6	0.27	0.4
3	I	Engineering Geology	1.73	1.91	1.21	1.56	1.73	1.56	1.91	0.87	0.87	1.91	1.73	1.04	0.87	0.87
4	I	Engineering Geology Lab	2.2	2	1.8	2.2	1.8	2	2.2	2.4	1.6	2.2	1.8	2.2	1.2	0.8
5	I	ENGINEERING GRAPHICS & DESIGN	0.43	0.58	0.72	0.87	1.01	0.29	0.29	0.29	0.58	0.87	0.29	0.58	1.16	0.87
6	I	Mathematics - I	2.43	2.05	0.75	1.68	1.31	0.56	0.75	0	0	0.37	1.12	0	0.93	1.12
7	I	Physics Lab	2.33	2	1	2.25	1.75	2.5	1.67	2	2	2.25	1.6	1.6	1.5	1.25
8	I	Physics	1.55	1.24	0.96	0.83	1.21	1.38	0.86	1.38	0.69	1.38	0.69	1.1	0.69	0.92
9	II	ENGLISH LAB	1.5	1.33	1.33	1	1.67	0.83	0.5	0	0	1.17	1	1	0.5	0.5
10	II	ENGLISH	1.44	1.59	1.01	1.3	1.44	1.3	1.59	0.72	0.72	1.59	1.44	0.87	0.87	0.14
11	II	Mathematics - II	2.02	1.88	1.16	1.3	1.44	0.87	0.87	0	0	0.58	1.16	0.43	0.72	0.14
12	II	PROGRAMMING FOR PROBLEM SOLVING	0.58	0.72	0.72	0.72	0	0	0.43	0	0.72	0.72	0	0.72	0.43	0.14
13	II	PROGRAMMING FOR PROBLEM SOLVING LAB	0.33	0	0.83	0.83	0	1.67	0.5	0	0	0.5	1.67	0	0.83	0.17
14	II	Workshop Manufacturing Practices	1.01	1.3	1.01	1.16	1.3	0.72	0.43	0.43	0.14	1.01	1.01	1.01	0.43	0.58
15	II	Workshop Manufacturing Practices LAB	1.5	1.17	1	1.33	1.33	0.33	0.67	0.83	0.67	1	1	1	0.5	0.67
16	II	CHEMISTRY LAB	1.17	1.17	0.83	1.5	1	1.33	1.33	0	0.67	0.83	1.17	0.67	0.83	0.17
17	II	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
18	III	Computer aided Civil Engineering Drawing	1.59	1.73	1.44	1.59	1.3	1.44	1.16	1.73	1.01	1.59	1.44	1.73	0.58	0.43
19	III	Humanities-I	0	0.72	0.72	0.87	1.3	1.59	1.59	2.02	1.88	1.59	1.3	1.88	0.43	0.72
20	III	BASIC ELECTRONIC	1.3	1.16	0.43	1.01	1.3	1.73	1.88	0	1.73	0.72	1.3	1.3	0.43	0.43
21	III	BIOLOGY FOR ENGINEERS	0.87	0.72	0.72	0.87	1.01	0.29	0.29	1.01	0.29	0.87	0.29	0.29	0.58	0.29
22	III	Engineering Mechanics	1.73	1.73	1.56	1.56	1.21	1.73	2.08	1.56	0.87	1.56	2.08	1.91	0.69	0.69
23	III	Introduction to Civil Engineering	1.16	1.16	0.72	0.72	0.43	1.59	1.73	0	0	0.58	0	0.87	0.58	0.14

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24	III	Summer Internship-I	0.53	0.85	1.28	0.75	0.53	1.07	1.28	0.43	1.49	1.39	1.17	1.39	0.32	0.43
25	III	Mathematics - III	1.88	1.59	0.58	1.01	1.01	0.43	0.58	0	0	0.29	1.01	0.29	0.72	0.29
26	III	Surveying & Geomatatic	2.17	2.17	1.16	1.59	2.17	2.02	2.02	0.87	2.17	1.59	1.44	1.88	0.58	0.43
27	III	BASIC ELECTRONIC LAB	1.32	1.1	0.66	1.54	1.76	2.42	2.64	0	0.88	1.76	0.88	1.98	0.66	0.88
28	III	Surveying & Geomatatic LAB	0.37	0.49	0.49	0.73	0.24	0.98	1.34	0	0	0.61	0.73	1.1	0.61	0.37
29	III	Computer aided Civil Engineering LAB	1.59	1.73	1.44	1.59	1.44	1.44	1.59	1.73	1.16	1.59	1.44	1.73	0.58	0.43
30	IV	Disaster Preparedness and Planning	1.59	2.02	1.44	1.16	1.73	1.3	1.59	0.43	0	2.17	1.59	2.02	0.43	0.58
31	IV	Engineering Geology	1.44	1.59	1.01	1.3	1.44	1.3	1.59	0.72	0.72	1.59	1.44	0.87	0.29	0.43
32	IV	Engineering Geology LAB	1.83	1.67	1.5	1.83	1.5	1.67	1.83	2	1.33	1.83	1.5	1.83	1	0.67
33	IV	Introduction to Fluid Mechanics lab	1.67	2.5	1.67	2.5	1.67	1.67	0.83	0	0	2.5	0.83	0.83	0.83	0.17
34	IV	Introduction to Fluid Mechanics	1.44	2.17	1.16	1.73	1.44	1.44	0.72	0	0	2.17	1.01	1.01	0.72	0.14
35	IV	Introduction to solid mechanics	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
36	IV	Mechanical Engineering	1.59	1.73	0.43	0.72	1.44	2.02	1.16	0	0	1.44	0	1.44	0.43	0.58
37	IV	Material Testing and Evaluation	1.16	0.87	1.16	0.87	1.01	1.3	1.01	0	0	1.59	0.72	1.3	0.58	0.43
38	IV	SOCIETAL AND GLOBAL IMPACT	1.16	1.16	1.01	1.01	1.01	1.3	1.3	1.16	0.72	1.3	1.16	1.01	0.29	0.43
39	IV	Material Testing and Evaluation LAB	1.83	1.83	1	1.67	0	1.67	0.67	0	0	0.83	1	1.5	1	0.5
40	IV	Structural analysis	2.33	2.5	1.83	1	0.5	0	1	0	0	2.5	1	1.67	0	0
41	V	GEOTECHNICAL ENGINEERING	1.83	2.17	1.67	1.5	1.83	1.83	2	0.5	0	2.5	1.67	2	1	0.17
42	V	TRANSPORTATION ENGINEERING	0.69	1.21	1.21	1.21	1.21	1.56	1.39	1.56	0.87	1.56	1.39	1.21	1.39	0.52
43	V	ANALYSIS & DESIGN OF CONCRETE STRUCTURE	1.83	2.17	1.67	1.33	1.83	1.83	1.83	0.5	0	2.5	1.83	2.17	1.33	0.67
44	V	Environmental Engineering -I	1.73	1.73	1.3	1.08	0.65	2.17	2.6	0	0	0.87	0	1.3	1.08	0.87
45	V	Hydrology and Water Resources Engineering	0	2.17	1.44	2.17	1.16	0.87	1.16	0	0	0.72	1.16	1.88	0.72	0.58
46	V	Summer Internship-II	1	1.6	2.4	1.4	1	2	2.4	0.8	2.8	2.6	2.2	2.6	0.6	0.8
47	V	Hydraulic Engineering	1.62	1.96	1.57	1.24	1.18	1.13	1.46	0.69	0.29	2.19	1.35	1.63	0.80	0.23
48	V	Transportation Engineering LAB	1.45	1.85	1.52	1.35	1.63	1.74	1.74	0.85	0.29	2.19	1.63	1.79	1.24	0.45
49	V	Hydrology and Water Resources Engineering LAB	1.52	1.82	1.46	1.28	1.38	1.85	1.96	0.64	0.22	1.86	1.22	1.67	1.20	0.56
50	V	Environmental Engineering -I	1.22	1.89	1.46	1.46	1.34	1.65	1.80	0.51	0.17	1.63	1.21	1.71	1.11	0.56
51	V	Hydraulic Engineering LAB	1.18	1.84	1.62	1.45	1.28	1.71	1.90	0.56	0.61	1.79	1.37	1.86	1.02	0.60
52	V	GEOTECHNICAL ENGINEERING LAB	1.15	1.81	1.60	1.41	1.17	1.59	1.81	0.59	0.66	1.74	1.32	1.80	0.99	0.61
53	V	MECHANICS OF MATERIALS	1.95	1.56	1.21	1.04	1.30	1.73	2.60	2.60	0.87	1.73	1.73	2.08	2.02	1.30
54	VI	Design of Hydraulic Structure	1.14	1.88	1.64	1.48	1.28	1.54	1.75	0.58	0.63	1.86	1.46	1.88	0.94	0.53

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55	VI	Construction Engineering & Management	1.33	1.83	1.67	1.36	1.30	1.68	1.87	0.68	0.73	2.04	1.50	1.88	0.99	0.53
56	VI	ENGINEERING ECONOMICS ESTIMATION AND COSTIN	0.29	0.29	0.00	1.01	0.29	1.16	1.59	0.00	0	0.72	0.87	1.88	0.87	0.87
57	VI	Environmental Engineering-II	1.73	1.73	1.3	1.52	0.65	2.17	2.6	0	0	0.87	0	1.3	1.08	0.65
58	VI	GEOTECHNICAL ENGINEERING - II	2.5	2.33	1.33	2	2.17	2	1.67	1	2.5	1.33	1.67	1.83	0.83	0.83
59	VI	DESIGN OF STEEL STRUCTURE	1.83	2.17	1.67	1.33	1.83	1.83	1.83	0.5	0	2.5	1.83	2.17	1	0.33
60	VI	ENGINEERING ECONOMICS ESTIMATION AND COSTIN	0.52	0.69	0.69	1.04	0.35	1.39	1.91	0	0	0.87	1.04	1.56	0.69	0.69
61	VI	AIRPORT PLANNING AND MANGEMENT	0.69	1.21	1.21	1.21	1.21	1.56	1.39	1.56	0.87	1.56	1.39	1.21	1.39	0.52
62	VII	Concrete Technology-101710	1.21	1.39	1.39	1.56	1.73	1.39	1.73	1.91	1.04	1.39	1.39	1.56	1.04	0.87
63	VII	Foundation Engineering-101722	1.56	1.73	1.21	1.56	1.39	1.91	2.43	1.91	0.17	1.91	1.39	2.08	0.87	0.87
64	VII	HUMAN RESOURCE DEVELOPMENT-714	0	0.87	0.87	1.04	1.56	1.91	1.91	2.43	2.25	1.91	1.56	2.25	1.04	0.87
65	VII	Professional Practice Law and Ethics-101701	0	0	0.37	0	0.55	2.2	1.83	1.47	0	0.73	0	0.55	0.73	0.55
66	VII	Project-1-100709	0.84	0.96	1.32	1.2	1.2	0.72	0.96	0.24	1.2	1.32	1.44	1.32	0.72	0.48
67	VII	Summer Internship-III- 100707	0.6	0.96	1.44	0.84	0.6	1.2	1.44	0.48	1.68	1.56	1.32	1.56	0.6	0.84
68	VIII	Economic Policy of India-101838	1.16	1.01	0.72	1.01	1.44	1.44	1.16	1.88	1.59	1.3	1.44	1.01	0.87	0.87
69	VIII	Railway Engineering-101818	1.56	1.56	1.39	1.56	1.39	2.08	1.56	1.56	0.87	1.39	1.56	1.39	1.04	0.69
70	VIII	PRESTRESSED CONCRETE DESIGN-101808	0.69	1.39	1.21	1.04	1.39	0	1.73	0	0	0.87	1.39	1.73	0.87	0.52
71	VIII	River Engineering-101805	1.65	1.52	1.65	1.52	1.52	1.52	1.52	1.55	1.15	1.1	1.52	1.21	0.69	1.38
72	VIII	Solid and Hazardous Waste Managemen-101828	1.01	1.16	1.16	1.3	1.44	1.16	1.44	1.59	0.87	1.16	1.16	1.3	0.58	0.58
73	VIII	Project-II-100801	0.65	0.75	1.03	0.93	0.93	0.56	0.75	0.19	0.93	1.03	1.12	1.03	0.56	0.56