

DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR

DEPARTMENT: CIVIL ENGINEERING

B.TECH 6TH SEMESTER (AY 2024-25)

NEW SYLLABUS

SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	CE(PE)601A	Stability of Slopes	NO	0
2	CE(PE)601B	Foundation Engineering	YES	49
3	CE(PE)601C	Ground Improvement Technique	NO	0
4	CE(PE)602A	Building Construction Practice	YES	49
5	CE(PE)602B	Structural Analysis-II	NO	0
6	CE(PE)602C	Industrial Structures	NO	0
7	CE(OE)601A	Soft Skills and Interpersonal Communication – I	YES	49
8	CE(OE)601B	Introduction to Philosophical Thoughts	NO	0

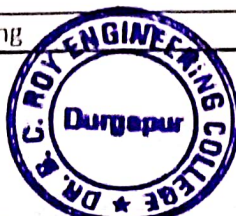
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SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	CE(OE)701A	Metro Systems & Engineering	YES	65
2	CE(OE)701B	ICT for Development	NO	0
3	CE(OE)701C	Cyber Law & Ethics	NO	0
4	CE(PE)701A	Computational Hydraulics	NO	0
5	CE(PE)701B	Disaster Preparedness and Planning	NO	0
6	CE(PE)701C	Hydraulic Structure	YES	65
7	CE(PE)702A	Prestressed Concrete	YES	65
8	CE(PE)702B	Repairs & Rehabilitation of Structures	NO	0
9	CE(PE)702C	Finite Element Method	NO	0
10	CE(PE)703A	Air and Noise Pollution and Control	YES	30
11	CE(PE)703B	Physico-Chemical Processes for Water and Wastewater Treatment	YES	35
12	CE(PE)703C	Water and Air Quality Modelling	NO	0
13	CE(PE)704A	Structural Dynamics	NO	0
14	CE(PE)704B	Advanced Structural Analysis	YES	65
15	CE(PE)704C	Coastal Hydraulics and Sediment Transport	NO	0
16	CE(PE)705A	Railway and Airport Engineering	YES	30
17	CE(PE)705B	Pavement Design	YES	35
18	CE(PE)705C	Transport System Planning	NO	0



Sanjay Sengupta
H.O.D I.C.E 04/06/2025
Dr. B. C. Roy Engg College Durgapur

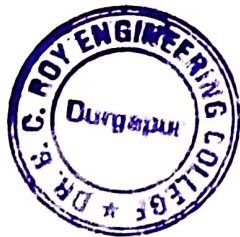
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B.TECH 8TH SEMESTER (AY 2024-25)

NEW SYLLABUS

SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	CE(PE)801A	GIS & Remote Sensing	NO	0
2	CE(PE)801B	Rock Mechanics	NO	0
3	CE(PE)801C	Environmental laws and Policy	YES	35
4	CE(PE)801D	Pavement Materials and Design	YES	30
5	CE(OE)801A	Human Resource Development and Organizational Behavior	YES	30
6	CE(OE)801B	Bridge Engineering	NO	0
7	CE(OE)801C	Deep Foundations	YES	35
8	CE(OE)801D	Groundwater Contamination	NO	0
9	CE(OE)802A	Soft Skills and Personality Development	NO	0
10	CE(OE)802B	Earthquake Engineering	NO	0
11	CE(OE)802C	Urban Transport Planning	NO	0
12	CE(OE)802D	Environmental Impact Assessment and Life cycle Analysis	YES	65



Sanjay Senapati
04/06/2025
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