



DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
DEPARTMENT:				
B.TECH 5TH 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	PE-EE 501A	High voltage Engineering	No	NA
2	PE-EE 501B	Power Plant Engineering	No	NA
3	PE-EE 501C	Renewable & Non conventional energy	Yes	118
4	OE-EE 501A	Data structure & algorithm	Yes	118
5	OE-EE 501B	Object oriented programming	No	NA
6	OE-EE 501C	Computer organization & architecture	No	NA

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SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PE-EE 601A	Digital control system	Yes	12
2	PE-EE 601B	HVDC transmission	Yes	106
3	PE-EE 601C	Electrical Machine Design	No	NA
4	PE-EE 602A	Electrical and Hybrid vehicle	Yes	118
5	PE-EE 602B	Power quality & FACTS	No	NA
6	PE-EE 602C	Industrial Electrical systems	No	NA
7	OE-EE 601A	Digital Signal Processing	Yes	15
8	OE-EE 601B	Communication Engineering	Yes	103
9	OE-EE 601C	VLSI & Microelectronics	No	NA


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DEPARTMENT:				
B.TECH 7TH 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	PE-EE 701A	Control system Design	No	NA
2	PE-EE 701B	Electrical Energy conservation & Auditing	No	NA
3	PE-EE 701C	Power generation economics	Yes	129
4	OE-EE701A	Artificial intelligence	Yes	70
5	OE-EE701B	Internet of things	Yes	59
6	OE-EE701C	Computer graphics	No	NA
7	OE-EE702A	Embedded system	No	NA
8	OE-EE702B	Digital image processing	No	NA
9	OE-EE702C	Computer network	Yes	129

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DEPARTMENT:				
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	PE- EE 801A	Line –commutated and active PWM rectifiers	No	NA
2	PE- EE 801B	Power system dynamics & control	No	NA
3	PE- EE 801C	Advanced Electric Drives	Yes	129
4	PE- EE 801D	Industrial Automation and Control	No	NA
5	OE-EE 801A	Soft computing Techniques	No	NA
6	OE-EE 801B	Biomedical Instrumentation.	Yes	129
7	OE-EE 801C	Introduction to Machine learning	No	NA
8	OE-EE 801D	Sensors and Transducers	No	NA


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