

DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR

DEPARTMENT: CSE

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	PEC-IT 501B	Artificial Intelligence	Yes	134
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SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PEC-IT601D	Image Processing	Yes	133
2	PEC-IT602B	Data Mining	Yes	133


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DEPARTMENT:

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NEW SYLLABUS

SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PEC-CS701E	Machine Learning	Yes	131
2	PEC-CS702E	Cyber Security	Yes	131
3	OEC-CS701A	Operations Research	Yes	57
4	OEC-CS-701B	Multimedia Systems	Yes	74
5				


 Dept. Computer Science & Engg.
 Dr. B. C. Roy Engineering College
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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	PEC-CS801E	Internet of Things	Yes	70
2	PEC-CS801D	Web and Internet Technology	Yes	61
3	OEC-CS801B	Cyber Law and Ethics	Yes	131
4	OEC-CS802A	E-Commerce and ERP	Yes	131
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Head
Dept. Computer Science & Engg.
Dr. B. C. Roy Engineering College
Durgapur

SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PECIT701A	Internet technology	no	0
2	PECIT701B	Quantum Computing	no	0
3	PECIT701C	Cloud Computing	yes	64
4	PECIT701D	Machine learning	no	0
5	PECIT702A	Multimedia Technology	no	0
6	PECIT702B	Neural Networks and Deep Learning	no	0
7	PECIT702C	Soft Computing	no	0
8	PECIT702D	Ad-Hoc and Sensor Networks	no	0
9	PECIT702E	Information Theory and Coding	no	0
10	PECIT702F	Cyber Security	yes	64
11	OECIT701A	Operations Research	yes	64
12	OECIT701B	Introduction to Philosophical Thoughts	no	0
13	OECIT701C	Soft Skill & Interpersonal Communication	no	0

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DEPARTMENT: Information Technology

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

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SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PECIT801A	Signals and network	No	0
2	PECIT801B	Cryptography and network security	no	0
3	PECIT801C	Speech and NLP	No	0
4	PECIT801D	IoT	yes	64
5	PECIT801E	Remote sensing and GIS	No	0
6	OECIT801A	Big data analysis	No	0
7	OECIT801B	Cyber law and ethics	yes	64
8	OECIT801C	Mobile computing	No	0
9	OECIT801D	Bio informetics	No	0
10	OECIT801E	Robotics	No	0
11	OECIT802A	E commerce ERP	yes	64
12	OECIT802B	Micro electronics and VLSI design	No	0
13	OECIT802C	Economics policy in India	No	0

Dr. B.C. Roy
HOD
31-07-2025
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DEPARTMENT: Information Technology

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	PEC-IT 501A	Theory of Computation	NO	0
2	PEC-IT 501B	Artificial Intelligence	YES	63
3	PEC-IT 501C	Advanced Computer Architecture	NO	0
4	PEC-IT 501D	Computer Graphics	NO	0

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DEPARTMENT: Information Technology

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	PEC IT 601 A	Advanced algorithm	no	0
2	PEC IT 601 B	Distributed system	yes	63
3	PEC IT 601 C	Signals and system	no	0
4	PEC IT 601 D	Image Processing	no	0
5	PEC IT 602 A	Parallel and distributed algorithm	no	0
6	PEC IT 602 B	Data warehousing and data mining	yes	63
7	PEC IT 602 C	Human computer interaction	no	0
8	PEC IT 602 D	Pattern recognition	no	0
9	OECIT601A	Numerical methods	no	0
10	OECIT601B	Human resource development and organizational	yes	63

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NEW	ECE	B.TECH IN ECE	2024-25	
Semester	Paper Code	Name of Elective Course	Course offered	No of Students opted
5TH	PE-EC 505A	Nano Electronics	YES	128
	PE-EC 505B	Speech and Audio Processing	NO	0
	PE-EC 505C	Power Electronics	NO	0
	PE-EC 505D	Scientific Computing	NO	0
	OE-EC506A	Soft Skill and Interpersonal Communication	YES	128
	OE-EC506B	Cyber Law & Intellectual Property V Rights	NO	0
	OE-EC506C	Human Resource Management	NO	0
6TH	PE-EC603A	Introduction to MEMS	NO	0
	PE-EC603B	Bio-Medical Electronics	NO	0
	PE-EC603C	CMOS VLSI Design	YES	63
	PE-EC603D	Information Theory and Coding	YES	64
	OE-EC604A	Electronic Measurements and Measuring Instruments	NO	0
	OE-EC604B	Operating System	NO	0
	OE-EC604C	Object Oriented Programming	YES	128
7TH	PE-EC701A	Microwave Theory and Techniques	NO	0
	PE-EC701B	Satellite Communication	NO	0
	PE-EC701C	Mobile Communication and Networks	YES	127
	PE-EC702A	Adaptive Signal Processing	YES	127
	PE-EC702B	Digital Image and Video Processing	NO	0
	PE-EC702C	Neural Network and Fuzzy Logic Control	NO	0
	PE-EC703A	Embedded System	YES	127
	PE-EC703B	Wireless Sensor Networks	NO	0
	PE-EC703C	Wavelet Transforms	NO	0
	OE-EC704A	Web Technology	YES	127
	OE-EC704B	Optimisation Technique	NO	0
OE-EC704C	Entrepreneurship	NO	0	
8TH SEM	PE-EC801A	Antennas and Propagation	NO	0
	PE-EC801B	Fibre Optic Communication	YES	127
	PE-EC801C	Error Correcting Codes	NO	0
	PE-EC802A	Mixed Signal Design	NO	0
	PE-EC802B	Industrial Automation and Control	YES	127
	PE-EC802C	VLSI Design Automation	NO	0
	OE-EC803A	Internet of Things(IoT)	YES	127
	OE-EC803B	Big Data Analysis	NO	0
	OE-EC803C	Cyber Security	NO	0
	OE-EC804A	Artificial Intelligence	NO	0
OE-EC804B	Microwave Integrated Circuits	YES	127	
OE-EC804C	Organisational Behaviour	NO	0	

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12/09/25

Head
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Dr. B. C. Roy Engineering College
Durgapur

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

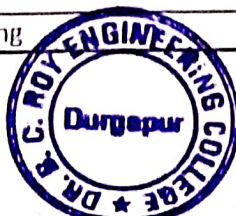
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DEPARTMENT: CIVIL ENGINEERING

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	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
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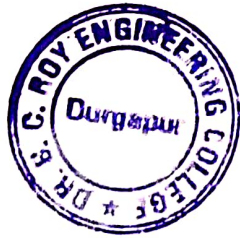
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DEPARTMENT: CIVIL ENGINEERING

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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DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
DEPARTMENT: ME				
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	PEME601A	I.C. ENGINE AND GAS TURBINE	Yes	45
2	PEME602B	REFRIGERATION AND AIR CONDITIONING	Yes	45

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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-ME 701A	AUTOMOBIL ENGINEERING	Yes	53
2	PE-ME702E	SELECTION & TESTING OF MATERIALS	Yes	53
3	OE-ME 701H	M/C LEARNING	Yes	53
4	PE-ME 701H	ADVANCED WELDING TECHNOLOGY	Yes	45
5	PE-ME 702 J	CAD/CAM	Yes	45
6	OE-ME 701I	WATER RESOURCE ENGINEERING	Yes	45

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B.TECH 8TH SEMESTER (AY 2024-25)				
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SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PE-ME801A	Analysis and Performance of Fluid Machines	Yes	53
2	PE-ME802F	3D Printing and Design	Yes	53
3	OE-ME801D	Industrial Pollution and Control	Yes	53
4	OE-ME802A	Total Quality Management	Yes	53
5	PE-ME801B	Power Plant Engineering	Yes	45
6	PL-ME802I	Maintenance Engineering	Yes	45
7	OE-ME801F	Waste to Energy- An Overview	Yes	45
8	OE-ME802G	Automation and Control	Yes	45


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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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DEPARTMENT:				
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	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


 Head
 Dept. Electrical Engineering
 Dr. B. C. Roy Engineering College
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DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
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


 Head
 Dept. Electrical Engineering
 Dr. B. C. Roy Engineering College
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DEPARTMENT: CSE(AIML)				
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	PECAIML 501C	Graph Theory	Yes	32

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DEPARTMENT: CSE(AIML)				
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	PECAIML 601B	Data Mining	Yes	30
2	OECAIML 601A	Database Management System	Yes	30

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DEPARTMENT: AIML				
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	PECAIML 701B	Computer Vision	Yes	33
2	PECAIML 702A	Ecommerce and ERP	Yes	33
3	OECAIML 701A	Internet of Things	Yes	33

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Head of the Department
Computer Science & Engineering (AIML)
Dr. B. C. Roy Engineering College
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DEPARTMENT: AIML

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	PECAIML 801A	Natural language Processing	Yes	33
2	OECAIML 801C	Software Engineering	Yes	33
3	OECAIML 802B	Research Methodology	Yes	33



Head of the Department
Computer Science & Engineering (AIML)
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Electives Offered. (CSD)

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DEPARTMENT: CSD

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
1	PEC-CSD501A	Digital Image Processing	No	0
2	PEC-CSD501B	Creative Thinking Process and Design	Yes	63
3	PEC-CSD501C	GPU Computing	No	0
4	MC- CS501A	Constitution of India (Non-Credit)	Yes	63
5	MC- CS501B	Essence of Indian Knowledge Tradition	No	0

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DEPARTMENT: CSD

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

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SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED
1	PEC- CSD601A	Human Computer Interaction	No	0
2	PEC- CSD601B	Data Visualization	Yes	63
3	PEC- CSD601C	CAD & CAM	No	0
4	PEC- CSD602A	Wearable Devices, Interactions and Applica	No	0
5	PEC- CSD602B	Interactive Interface Design	No	0
6	PEC- CSD602C	Design Processes and Perspectives	Yes	63
7	OEC- CSD601A	Robotics	Yes	63
10	OEC- CSD601A	Internet of Things	No	0

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DEPARTMENT: CSD				
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
1	PEC- CSD701A	Deep Learning	Yes	63
2	PEC- CSD701B	Prototyping Interactive System	No	0
3	PEC- CSD701C	Quantum Computing	No	0
4	PEC- CSD701D	Multi-agent Intelligent Systems	No	0
5	PEC- CSD702A	Blockchain Technology	No	0
6	PEC- CSD702B	Information Security	No	0
7	PEC- CSD702C	Cyber Security, Law and Ethics	Yes	63
8	PEC- CSD702D	Cloud Computing	No	0
9	OEC- CSD701A	Big Data Analysis	Yes	63
10	OEC- CSD701B	Aesthetics & Arts	No	0
11	OEC- CSD701C	Introduction to Philosophical Thoughts	No	0

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DEPARTMENT: CSD				
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
1	PEC- CSD801A	Inclusive Design, Universal Design & Acces	No	0
2	PEC- CSD801B	Multimedia Systems	Yes	63
3	PEC- CSD801C	Web Design & Development	No	0
4	OEC- CSD801A	Visual Design & Communication	No	0
5	OEC- CSD801B	Compiler Design	No	0
6	OEC- CSD801C	Mobile Computing	Yes	63
7	OEC- CSD801D	Natural Language Processing	No	0
8	OEC- CSD802A	Optical Networking	No	0
9	OEC- CSD802B	3D Printing & Design	No	0
10	OEC- CSD802C	Micro-electronics and VLSI Design	Yes	63

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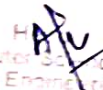
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DEPARTMENT: CSE				
M.TECH 1st SEMESTER (AY 2024-25)				
NEW SYLLABUS				
SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PGCSE105C	Advanced Soft Computing	Yes	12
2	PGCSE192A	Advanced Programming Lab	Yes	12

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DEPARTMENT: CSE				
M.TECH 2nd 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	PEC-PGCSE204A	Internet of Things	Yes	11
2	OEC-PGCSE205B	Pattern Recognition	Yes	11

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DEPARTMENT: CSE				
M.TECH 3rd 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	PG-CSE301B	Teaching and Research Methodologies	Yes	12
2	PG-CSE302C	Data Mining and Data Ware Housing	Yes	12


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DEPARTMENT: CSE(Data Science)

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	PEC-DS501E	Compiler Design	Yes	65
2	MC-CS501A	Constitution of India	Yes	65
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DEPARTMENT: CSE(Data Science)

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	PEC-DS601E	Machine Learning	Yes	65
2	OEC-DS601A	Numerical Methods	Yes	65
3	PEC-DS602A	Data Warehousing and Data Mining	Yes	65
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Dr. Chandan Bandyopadhyay

Head of the Department
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Durgapur

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DEPARTMENT: CSE(Data Science)

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	PEC-DS-701F	Data Visualization	Yes	65
2	PEC-(DS)702E	Surveillance and Cyber Security	Yes	65
3	OEC- (DS)701B	Multimedia Technology	Yes	65
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DEPARTMENT: CSE(Data Science)

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
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Dr. Chandan Bandyopadhyay

Head of the Department
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DEPARTMENT: Electrical Engineering				
M.TECH 1st SEMESTER (AY 2023-24)				
NEW SYLLABUS				
SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE.
1	PSM 103(a)	Power System Planning and Reliability	Yes	14
2	PSM 103(b)	Power System Apparatus	No	0
3	PSM 103(c)	Power Quality	No	0
4	PSM 104(a)	Optimization Techniques	Yes	14
5	PSM 104(b)	Soft Computing Technique	No	0
6	PSM 104(c)	Digital Signal Processing	No	0
7	PSM 104(d)	Object Oriented Programming	No	0

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DEPARTMENT: Electrical Engineering				
M.TECH 2nd SEMESTER (AY 2023-24)				
NEW SYLLABUS				
SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PSM 204(a)	Power System Transient	No	0
2	PSM 204(b)	Flexible A.C. Transmission System	Yes	14
3	PSM 204(c)	Advanced Electrical Drives	No	0
4	PSM 205(a)	Advanced Control System	Yes	14
5	PSM 205(b)	Modeling and Simulation of dynamic systems	No	0
6	PSM 205(c)	Advanced Microprocessor and Microcontroller	No	0

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DEPARTMENT: Electrical Engineering				
M.TECH 3rd SEMESTER (AY 2023-24)				
NEW SYLLABUS				
SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PSM 301 (a)	Non-conventional Energy	Yes	5
2	PSM 301 (b)	Power System Harmonics	No	0
3	PSM 301 (c)	Energy Management and Audit	No	0

[Handwritten Signature]
28/04/24

Head
Dept. Electrical Engineering
Dr. B. C. Roy Engineering College
Durgapur

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DEPARTMENT: ME

B.TECH 1ST SEMESTER (AY 2024-25)

NEW SYLLABUS

SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)
1	MME103A	Advanced Metal Cutting Theory	Yes
2	MME104C	Production Planning and control	Yes

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DEPARTMENT: ME

B.TECH 2ND SEMESTER (AY 2024-25)

NEW SYLLABUS

SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)
1	MME203A	Designs of material handling equipment	Yes
2	MME204A	Advanced Robotics	Yes
3	MME205A	Advanced Metrology	Yes


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DEPARTMENT: Master of Computer Applications

MCA 1ST SEMESTER (AY 2024-25)

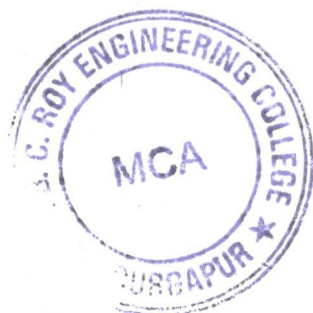
SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	CA-E105A	Constitution of India	No	
2	CA-E105B	Health and Life Style Management through Yoga	No	
3	CA-E105C	Ethics in Business Profession	Yes	91
4	CA-E105D	Environmental Science	No	

MCA 2ND SEMESTER (AY 2024-25)

1	CA-E205A	Web Development with Java Technologies	Yes	
2	CA-E205B	Web Technology using PHP	Yes	91
3	CA-E205C	Android Application Development	No	
4	CA-E205D	Web Technology using ReactJS	No	

MCA 3RD SEMESTER (AY 2024-25)

1	MCAN-E304A	Image Processing	No	
2	MCAN-E304B	Web Enabled JAVA Programming	Yes	17
3	MCAN-E304C	Cloud Computing	No	
4	MCAN-E304D	Web Technology using PHP	Yes	42
5	MCAN-E304E	Android Application Development	No	
6	MCAN-E304F	Basic Data Science	No	
7	MCAN-E305A	Information Retrieval	No	
8	MCAN-E305B	Data Warehousing and Data Mining	Yes	59
9	MCAN-E305C	Introduction to Big Data Analytics	No	
10	MCAN-E305D	Graph Theory	No	
10	MCAN-E305E	Operation Research and Optimization Techniques	No	
10	MCAN-E305F	Pattern Recognition	No	
10	MCAN-E305G	Machine Learning	No	



P. Deby 08/08/2025
DR. PABITRA KUMAR DEY
 HOD - MCA
 Dr. B. C. Roy Engineering College