

DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR

DEPARTMENT: CSE

B.TECH 5TH 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	PEC-IT 501B	Artificial Intelligence	Yes	132

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Dr. B. C. Roy Engineering College
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DEPARTMENT: CSE

B.TECH 6TH SEMESTER (AY 2023-24)

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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	132
2	PEC-IT602B	Data Mining	Yes	132
3	OEC-IT601A	Numerical Methods	Yes	132

A/b
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Dr. B. C. Roy Engineering College
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DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR

DEPARTMENT: CSE

B.TECH 7TH 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	PEC-CS701E	Machine Learning	Yes	145
2	PEC-CS702E	Cyber Security	Yes	145
3	OEC-CS701A	Operations Research	Yes	145

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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	145
2	OEC-CS801B	Cyber Law and Ethics	Yes	145
3	OEC-CS802A	E-Commerce and ERP	Yes	145

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29.04.24

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Head
Dept. Computer Science & Engg.
Dr. B. C. Roy Engineering College
Durgapur

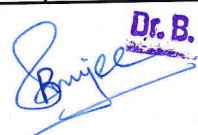
DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
DEPARTMENT: INFORMATION TECHNOLOGY				
B.TECH 5TH SEMESTER (AY 2023-24)				
NEW SYLLABUS				
SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PEC-IT501A	Theory of computation	No	0
2	PEC-IT501B	Artificial Intelligence	Yes	66
3	PEC-IT50C	Advanced computer architecture	No	0
4	PEC-IT501D	Computer graphics	No	0

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DEPARTMENT: INFORMATION TECHNOLOGY				
B.TECH 6TH 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	PEC IT 601A	Advanced Algorithm	No	0
2	PEC IT 601B	Distributed Systems	Yes	66
3	PEC IT 601C	Signals & Systems	No	0
4	PEC IT 601D	Image Processing	No	0
5	PEC IT 602A	Parallel and Distributed algorithms	No	0
6	PEC IT 602B	Data Warehousing & Data mining	Yes	66
7	PEC IT 602C	Human computer Interaction	No	0
8	PEC IT 602D	Pattern Recognition	No	0
9	OEC IT 601A	Numerial Methods	No	0
10	OEC IT 601B	Human Resource Development and Organizational	Yes	66


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 Signature of HoD

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DEPARTMENT: INFORMATION TECHNOLOGY				
B.TECH 7TH 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	PEC IT701A	Internet Technology	No	0
2	PEC IT701B	Quantum computing	No	0
3	PEC IT701C	Cloud Computing	Yes	68
4	PEC IT701D	Machine Learning	No	0
5	PEC IT702A	Multimedia Technology	No	0
6	PEC IT702B	Neural Networks and Deep learning	No	0
7	PEC IT702C	Soft computing	No	0
8	PEC IT702D	Ad-Hoc and Sensor Networks	No	0
9	PEC IT702E	Information theory and coding	No	0
10	PEC IT702F	Cyber Security	Yes	68
11	OEC IT 701 A	Operation Research	Yes	68
12	OEC IT 701 B	Introduction to Philosophical Thoughts	No	0
13	OEC IT 701 C	Soft skill & Interpersonal Communication	No	0

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DEPARTMENT: INFORMATION TECHNOLOGY				
B.TECH 8TH 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	PEC IT801A	Signals and Networks	No	0
2	PEC IT801B	Cryptography & network security	No	0
3	PEC IT801C	Speech and natural language processing	No	0
4	PEC IT801D	Internet of Things	Yes	68
5	PEC IT801E	Remote Sensing and GIS	No	0
6	OEC IT801A	Big Data Analysis	No	0
7	OEC IT801B	Cyber law and Ethics	Yes	68
8	OEC IT801C	Mobile Computing	No	0
9	OEC IT801D	Bioinformatics	No	0
10	OEC IT801E	Robotics	No	0


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11	OEC IT802A	E Commerce and ERP	Yes	68
12	OEC IT802B	Micro-electronics and VLSI	No	0
13	OEC IT802C	Economic Policies in India	No	0


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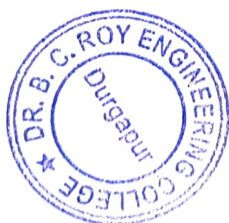
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NEW	ECE	B.TECH IN ECE		
			2023-24	
	Paper Code	Name of Elective Course	Cours e offere d	No of Stude nts opted
Semester				
5TH	PE-EC 505A	Nano Electronics	YES	130
	PE-EC 505B	Speech and Audio Processing	NO	0
	PE-EC 505C	Power Electronics	NO	0
	PE-EC 505D	Scientific Computing	NO	0
	OE-EC506A	Soft Skill and Interpersonal Communication	YES	130
	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	62
	PE-EC603D	Information Theory and Coding	YES	68
	OE-EC604A	Electronic Measurements and Measuring Instruments	YES	130
	OE-EC604B	Operating System	NO	0
	OE-EC604C	Object Oriented Programming	NO	0
7TH	PE-EC701A	Microwave Theory and Techniques	NO	0
	PE-EC701B	Satellite Communication	NO	0
	PE-EC701C	Mobile Communication and Networks	YES	104
	PE-EC702A	Adaptive Signal Processing	NO	0
	PE-EC702B	Digital Image and Video Processing	YES	104
	PE-EC702C	Neural Network and Fuzzy Logic Control	NO	0
	PE-EC703A	Embedded System	YES	104
	PE-EC703B	Wireless Sensor Networks	NO	0
	PE-EC703C	Wavelet Transforms	NO	0
	OE-EC704A	Web Technology	YES	104
	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	104
	PE-EC801C	Error Correcting Codes	NO	0
	PE-EC802A	Mixed Signal Design	NO	0
	PE-EC802B	Industrial Automation and Control	YES	104
	PE-EC802C	VLSI Design Automation	NO	0
	OE-EC803A	Internet of Things(IoT)	NO	0
	OE-EC803B	Big Data Analysis	YES	104
	OE-EC803C	Cyber Security	NO	0
	OE-EC804A	Artificial Intelligence	NO	0
	OE-EC804B	Microwave Integrated Circuits	YES	104
	OE-EC804C	Organisational Behaviour	NO	0

S. Haimay Chatterjee
Head
Dept. Electronics & Comm. Engg.
Jinn College

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DEPARTMENT: Civil Engineering				
B.TECH 5TH 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	NIL			
2	NIL			

DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
DEPARTMENT: Civil Engineering				
B.TECH 6TH 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	CE(PE)601A	Stability of Slopes	No	
2	CE(PE)601B	Foundation Engineering	Yes	64
3	CE(PE)601C	Ground Improvement Technique	No	
4	CE(PE)602A	Building Construction Practice	Yes	64
5	CE(PE)602B	Structural Analysis – II	No	
6	CE(PE)602C	Industrial Structure	No	
7	CE(OE)601A	Soft Skills and Interpersonal Communication - I	Yes	64
8	CE(OE)601B	Introduction to Philosophical Thoughts	No	



Sanjay Sengupta
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DEPARTMENT: Civil Engineering

B.TECH 7TH 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	CE(OE)701A	Metro System and Engineering	Yes	61
2	CE(OE)701B	ICT for Development	No	
3	CE(OE)701C	Cyber Law & Ethics	No	
4	CE(PE)701A	Computational Hydraulics	No	
5	CE(PE)701B	Disaster Preparedness and Planning	No	
6	CE(PE)701C	Hydraulic Structures	Yes	61
7	CE(PE)702A	Prestressed Concrete	Yes	61
8	CE(PE)702B	Repair & Rehabilitation of Structures	No	
9	CE(PE)702C	Finite Element Method	No	
10	CE(PE)703A	Air and Noise Pollution and Control	Yes	61
11	CE(PE)703B	Physico-Chemical Processes for Water and Wastewater Treatment	No	
12	CE(PE)703C	Water and Air Quality Modelling	No	
13	CE(PE)704A	Structural Dynamics	No	
14	CE(PE)704B	Advanced Structural Analysis	Yes	61
15	CE(PE)704C	Coastal Hydraulics and Sediment Transport	No	
16	CE(PE)705A	Railway and Airport Engineering	No	
17	CE(PE)705B	Pavement Design	Yes	61
18	CE(PE)705C	Transportation System Planning	No	

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DEPARTMENT: Civil Engineering

B.TECH 8TH 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	CE(PE)801A	GIS & Remote Sensing	No	
2	CE(PE)801B	Rock Mechanics	No	
3	CE(PE)801C	Environmental Laws and Policy	Yes	34
4	CE(PE)801D	Pavement Materials	Yes	27



Sanjay Senapati
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DEPARTMENT: Civil Engineering

B.TECH 8TH SEMESTER (AY 2023-24)

NEW SYLLABUS

SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
5	CE(OE)801A	Human Resource Development and Organization Behaviour	Yes	29
6	CE(OE)801B	Bridge Engineering	No	
7	CE(OE)801C	Deep Foundations	Yes	32
8	CE(OE)801D	Groundwater Contamination	No	
9	CE(OE)802A	Soft Skills and Personality Development	No	
10	CE(OE)802B	Earthquake Engineering	No	
11	CE(OE)802C	Urban Transport Planning	No	
12	CE(OE)802D	Environmental Impact Assessment and Life Cycle Analysis	Yes	61




Sanjay Kumar
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DEPARTMENT: MECHANICAL				
B.TECH 6TH 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	PEME601A	Internal Combustion Engines and Gas Turbines	Y	44
2	PEME602C	Turbo Machinery	Y	44
3	PEME602G	Mechatronics	Y	50
4	PEME601A	Internal Combustion Engines and Gas Turbines	Y	50

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DEPARTMENT: MECHANICAL				
B.TECH 7TH 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	PE-ME 701A	AUTOMOBIL ENGINEERING	Y	50
2	PE-ME 701H	ADVANCED WELDING TECHNOLOGY	Y	54
3	PE-ME 702E	SELECTION & TESTING OF MATERIALS	Y	54
4	PE-ME 702J	CAD/CAM	Y	50
5	OE-ME 701H	M/C LEARNING	Y	50
6	OE-ME 701I	WATER RESOURCE ENGINEERING	Y	54

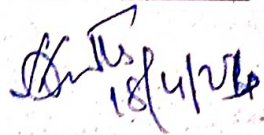
DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
DEPARTMENT: MECHANICAL				
B.TECH 8TH SEMESTER (AY 2023-24)				
NEW SYLLABUS				
SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PEME802F	3D Printing and Design	Y	50
2	PEME801B	Power Plant Engineering	Y	54
3	PEME801A	Analysis and Performance of Fluid Machines	Y	50
4	PEME802I	Maintenance Engineering	Y	54
5	OEME801D	Industrial Pollution and Control	Y	50
6	OEME801F	Waste to Energy- An Overview	Y	54
7	OEME802G	Automation & Control	Y	54
8	OEME802A	Total Quality Management	Y	50


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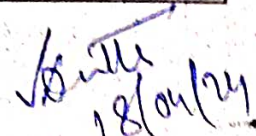
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DEPARTMENT: Electrical Engineering				
B.TECH 5TH SEMESTER (AY 2023-24)				
NEW SYLLABUS				
SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	OE-EE-501A	DATA STRUCTURE & ALGORITHM	Yes	129
2	OE-EE-501B	OBJECT ORIENTED PROGRAMMING	No	
3	OE-EE-501C	COMPUTER ORGANISATION	No	
4	PE-EE-501A	HIGH VOLTAGE ENGINEERING	No	
5	PE-EE-501B	POWER PLANT ENGINEERING	No	
6	PE-EE-501C	RENEWABLE & NON CONVENTIONAL ENERGY	Yes	129

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DEPARTMENT: Electrical Engineering				
B.TECH 6TH 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	PE-EE-601A	DIGITAL CONTROL SYSTEM	Yes	129
2	PE EE 601B	HVDC TRANSMISSION	No	
3	PE-EE-601C	ELECTRICAL MACHINE DESIGN	No	
4	PE-EE-602A	ELECTRICAL & HYBRID VEHICLE	Yes	129
5	PE-EE-602B	POWER QUALITY AND FACTS	No	
6	PE-EE-602C	INDUSTRIAL ELECTRICAL SYSTEMS	No	
7	OE-601A	DIGITAL SIGNAL PROCESSING	Yes	129
8	OE-601C	VLSI AND MICRO ELECTRONICS	No	
9	OE-601B	COMMUNICATION ENGINEERING	No	


 18/4/24
 Head
 Dept. Electrical Engineering
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DEPARTMENT: Electrical Engineering				
B.TECH 7TH 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	OE-EE-701A	ARTIFICIAL INTELLIGENCE	Yes	53
2	OE-EE-701B	INTERNET OF THINGS	Yes	56
3	OE-EE-701C	COMPUTER GRAPHICS	No	
4	OE-EE-702A	EMBEDDED SYSTEM	No	
5	OE-EE-702B	DIGITAL IMAGE PROCESSING	No	
6	OE-EE-702C	COMPUTER NETWORK	Yes	109
7	PE-EE-701A	CONTROL SYSTEM DESIGN	No	
8	PE-EE-701B	ELECTRICAL ENERGY CONSERVATION & AUDITING	No	
9	PE-EE-701C	POWER GENERATION ECONOMICS	Yes	109

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DEPARTMENT: Electrical Engineering				
B.TECH 8TH 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	PE-EE 801A	LINE COMMUTATED AND ACTIVE PWM RECTIFIERS	No	
2	PE-EE 801B	POWER SYSTEM DYNAMICS AND CONTROL	No	
3	PE-EE 801C	ADVANCED ELECTRIC DRIVE	Yes	109
4	PE-EE-801D	Industrial Autom & Control	No	
5	OE-EE 801A	SOFT COMPUTING TECHNIQUES	No	
6	OE-EE 801B	BIOMEDICAL INSTRUMENTATION	Yes	109
7	OE-EE 801C	INTRODUCTION TO MACHINE LEARNING	No	
8	OE-EE 801D	SENSORS AND TRANSDUCERS	No	


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DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR

DEPARTMENT: CSE(AIML)

B.TECH 5TH 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	PECAIML 501A	Cloud Computing	No	NA
2	PECAIML 501B	Pattern Recognition	No	NA
3	PECAIML 501C	Graph Theory	Yes	33

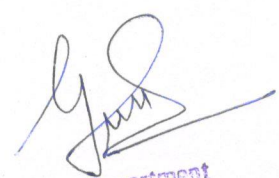
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DEPARTMENT: CSE(AIML)

B.TECH 6TH SEMESTER (AY 2023-24)


NEW SYLLABUS

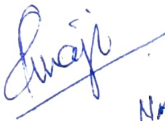
SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PECAIML 601 A	Big Data Analytics	No	NA
2	PECAIML 601 B	Data Mining	Yes	33
3	PECAIML 601 C	Distributed System	No	NA
4	PECAIML 601 C	Game Theory	No	NA
5	OECAIML 601A	Database Management System	Yes	33
6	OECAIML 601B	Human Computer Interaction	No	NA
7	OECAIML 601C	Neural Network	No	NA
8	OECAIML 601D	Cryptography and Network Security	No	NA


 Head of the Department
 Computer Science & Engineering (AIML)
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DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
DEPARTMENT: CSD				
B.TECH 5TH 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	PEC-CSD501B	Creative Thinking Process and Design	Yes	66/64
2	MC-CS501A	Constitution of India	Yes	66/66

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DEPARTMENT: CSD				
B.TECH 6TH 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	PEC- CSD601B	Data Visualization	Yes	66
2	PEC-CSD602C	Design Processes & Perspectives	Yes	66
3	OEC- CSD601 A	Robotics	Yes	66



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 NAAC Coordinator
 CSD.


DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
DEPARTMENT: CSE				
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	PGCSE105C	Advanced Soft Computing	Yes	12
2	PGCSE192A	Advanced Programming Lab	Yes	12

A/v
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 Dr. B. C. Roy Engineering College
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DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
DEPARTMENT: CSE				
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	PG-CSE204D	Soft Computing	Yes	12
2	PG-CSE205A	Image Processing	Yes	12


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DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
DEPARTMENT: CSE				
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	PG-CSE301B	Teaching and Research Methodologies	Yes	5
2	PG-CSE302C	Data Mining and Data Ware Housing	Yes	5


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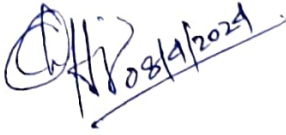
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DEPARTMENT: Electrical Engineering				
M.TECH 1st SEMESTER (AY 2023-24)				
NEW SYLLABUS				
SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	PSM 103(a)	Power System Planning and Reliability	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
DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
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
DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
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

[Signature] 28/04/24

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Durgapur

DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR				
DEPARTMENT: MECHANICAL				
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	MME103A	ADVANCED METAL CUTTING THEORY	Y	9
2	MME104C	PRODUCTION PLANING & CONTROL	Y	9

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DEPARTMENT: MECHANICAL				
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	MME203A	Design of Material Handling Equipment	Y	9
2	MME204A	ADVANCED ROBOTICS	Y	9
3	MME205A	ADVANCED METROLOGY	Y	9


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DEPARTMENT: Master of Computer Applications

MCA 1ST SEMESTER (AY 2023-24)

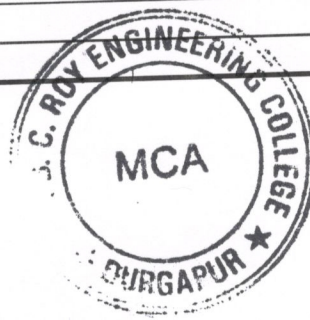
SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	MCAN-E105A	Environment and Ecology	No	
2	MCAN-E105B	Management Accounting	No	
3	MCAN-E105C	Constitution of India	No	
4	MCAN-E105D	Stress Management through Yoga	No	
5	MCAN-E105E	Ethics in Business Profession	Yes	60
6	MCAN-E105F	Managerial Economics	No	

MCA 2ND SEMESTER (AY 2023-24)

SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	MCAN-E205A	Numerical and Statistical Analysis	Yes	14
2	MCAN-E205B	Computer Graphics	No	
3	MCAN-E205C	Probability and Statistics	No	
4	MCAN-E205D	Introduction to Cyber Security	Yes	15
5	MCAN-E205E	Introduction to IoT	Yes	14
6	MCAN-E205F	Automata Theory and Computational Complexity	Yes	16

MCA 3RD SEMESTER (AY 2023-24)

SRL NO.	PAPER CODE	PAPER NAME	Course Offered (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE
1	MCAN-E304A	Image Processing	No	
2	MCAN-E304B	Web Enabled JAVA Programming	Yes	15
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	18
9	MCAN-E305C	Introduction to Big Data Analytics	No	
10	MCAN-E305D	Graph Theory	Yes	22
11	MCAN-E305E	Operation Research and Optimization Techniques	No	
12	MCAN-E305F	Pattern Recognition	No	
13	MCAN-E305G	Machine Learning	Yes	17



prey 16/04/2024
DR. PABITRA KUMAR DEY
HOD - MCA
Dr. B. C. Roy Engineering College

DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR
DEPARTMENT: FACULTY OF MANAGEMENT STUDIES

MBA 3RD SEMESTER (AY 2023-24)

OLD SYLLABUS (MAKAUT 2018)

SL. NO.	PAPER CODE	PAPER NAME	COURSE OFFERED (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE*
1	MM 302	DIGITAL & SOCIAL MEDIA MARKETING	Yes	24
2	MM 304	MARKETING RESEARCH	Yes	24
3	MM 301	B2B MARKETING	Yes	31
4	MM 303	IMC/ PROMOTION STRATEGY	Yes	31
5	FM 301	TAXATION	Yes	19
6	FM 304	CORPORATE FINANCE	Yes	19
7	FM 302	PROJECT APPRAISAL & FINANCE	Yes	14
8	FM 303	BEHAVIORAL FINANCE	Yes	14
9	HR 302	HR METRICS AND ANALYTICS	Yes	15
10	HR 304	ORGANIZATIONAL DESIGN	Yes	15
11	HR 301	TEAM DYNAMICS AT WORK	Yes	10
12	HR 303	CROSS CULTURAL MANAGEMENT	Yes	10
13	MIS 301	RELATIONAL DATABASE MANAGEMENT	Yes	3
14	MIS 302	E-COMMERCE & DIGITAL MARKETS	Yes	3

* Figures have no reference to semester examination results and only to classes and internal examinations held.

Somroop Siddhanta

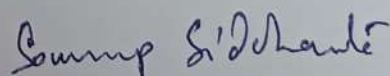
DR. SOMROOP SIDDHANTA
PROFESSOR & HOD. FMS.

Head
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DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR**DEPARTMENT: FACULTY OF MANAGEMENT STUDIES****MBA 4TH SEMESTER (AY 2023-24)****OLD SYLLABUS (MAKAUT 2018)**

SL. NO.	PAPER CODE	PAPER NAME	COURSE OFFERED (Yes/No)	NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE**
1	MM 401	CONSUMER BEHAVIOUR	Yes	24
2	MM 402	RETAIL MANAGEMENT	Yes	24
3	MM 404	SERVICE MARKETING	Yes	24
4	MM 400	INTERNATIONAL MARKETING	Yes	24
5	MM 403	SALES & DISTRIBUTION MANAGEMENT	Yes	31
6	MM 405	PRODUCT & BRAND MANAGEMENT	Yes	31
7	FM 401	INVESTMENT ANALYSIS & PORTFOLIO MANAGEMENT	Yes	19
8	FM 403	MERGERS, ACQUISITION & CORPORATE RESTRUCTURING	Yes	19
9	FM 404	FINANCIAL DERIVATIVES	Yes	19
10	FM 405	INTERNATIONAL FINANCE	Yes	19
11	FM 402	MANAGING BANKS & FINANCIAL INSTITUTIONS	Yes	14
12	FM 406	FINANCIAL MARKETS & SERVICES	Yes	14
13	HR 401	MANPOWER PLANNING RECRUITMENT & SELECTION	Yes	15
14	HR 402	EMPLOYEE RELATIONS & LABOUR LAWS	Yes	15
15	SR 403	COMPENSATION & BENEFITS MANAGEMENT	Yes	15
16	SR 404	PERFORMANCE MANAGEMENT SYSTEMS	Yes	15
17	HR 405	STRATEGIC HRM	Yes	10
18	HR 406	INTERNATIONAL HRM	Yes	10
19	MIS 403	STRATEGIC MANAGEMENT FOR IT	Yes	3
20	MIS 404	BUSINESS DECISIONS USING ADVANCED EXCEL	Yes	3

** Figures have no reference to semester examination results and only to classes and internal examinations held.



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