



Dr. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

(Approved by AICTE & Affiliated to MAKAUT, WB)

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BCR/PR

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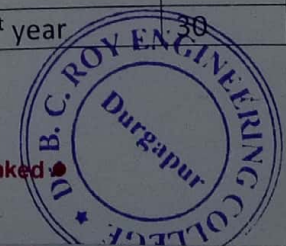
NOTICE

This is for the information of all concerned that the following Add-On / Certificate courses as suggested by different departments in the IQAC meeting held on 15th May, 2024 are approved by Internal Quality Assurance Cell (IQAC). The detailed curriculum for these courses have been finalized in the Department Academic Council Meeting of the respective departments and shared by the concerned departments with the IQAC

List of Add-on / Certificate Courses:

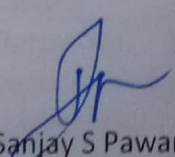
Sl. No	Department	Course Title	Offered to the Students of	Number of Hours
1.	Civil Engineering	Geotechnical Problem solving using Softwares	3 rd Year	30
2.	Civil Engineering	Surveying techniques: Modern methods and Applications	2 nd Year	30
3.	Civil Engineering	Contract management and Industry software	4 th Year	30
4.	Civil Engineering	Exploring Civil Engineering Skills with Contemporary Software and tools	3 rd Year	
5.	Civil Engineering	Sustainable Structures And Disaster Management In Construction	1 st year	30
6.	Civil Engineering	Advance Construction Materials and Technology	2 nd Year	30
7.	CSE(DS)	Advanced Database Management System	3 rd Year	32
8.	Electronics and Communication Engineering	Basics of MATLAB Programming	4 th year, 3 rd year, 2 nd Year.	30
9.	Electronics and Communication Engineering	Getting started with LATEX	4 th Year, 3 rd year, 2 nd Year.	35
10.	Electronics and Communication Engineering	Familiarization with basic electronics components	1 st Year	30
11.	Electronics and	Basic introduction to measurement,	1 st year	30

● NBA Accredited for 5 programs ● NAAC Accredited ● NIRF Ranked ●



	Communication Engineering	calibration of electronics components and equipment		
12.	Electrical Engineering	Application Based Electrical Embedded Systems Part-I	2 nd year	34
13.	Electrical Engineering	Industrial Automation and Safety	3 rd Year	52
14.	Electrical Engineering	Optimization on Modern Power System	4 th Year	42
14.	Basic Science & Humanities(BSH)	Non-Conventional Energy: Fundamentals, Technologies, Applications & Waste Mangement	1 st year	30
15.	Basic Science & Humanities(BSH)	"Application on Engineering Mathematics"	1 st year	30
16.	Faculty of Management Studies (MBA)	Principles of Management	1 st year	40
17.	Faculty of Management Studies (MBA)	Soft Skills for Managers	1 st Year	30
18.	Faculty of Management Studies (MBA)	Spreadsheet for Managers	1 st year	30
19.	Faculty of Management Studies (MBA)	Advanced Research Methods – A hands-On Approach	2 nd Year	40
20.	Faculty of Management Studies (MBA)	Data Analytics Tools for Managers	2 nd Year	40

The courses will be offered starting from **2023-2024** academic year. The departments will be offering the courses through Online / Offline mode. There will be Course coordinators assigned for each course. The students interested to participate are informed to contact respective department for registration. On successful completion of the course students will be given certificate.


 Prof.(Dr.) Sanjay S Pawar
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