



B.TECH, M.TECH, MCA

PROSPECTUS 2026

DR. B. C. ROY ENGINEERING COLLEGE

Committed to Excellence in Education

**Affiliated to MAKAUT/Approved by AICTE/NAAC
Accredited/NBA Accredited for five courses**

**An Autonomous Institute | A TCS Priority College | 10000 + Job Offers since
Inception | 1000+ Placement Drive | 36 LPA Highest Package | 500+ Recruiters**

Board of Governors



Sl. No.	Names	BOG Designation	Present Affiliation
1	Prof. B. K. Dutta	Chairperson	Visiting Professor, School of Environmental Science and Engineering, Indian Institute of Technology, Kharagpur.
2	Dr. Satyajit Bose	Member	President, Dr. B. C. Roy Society.
3	Mrs. Mita Mitra	Member	Vice-President, Dr. B.C. Roy Society.
4	Shri Tarun Bhattacharya	Member	General Secretary, Dr. B. C. Roy Society
5	Shri Jernail Singh	Member	Treasurer, Dr. B.C. Roy Society
6	Prof (Dr) Sanjay S Pawar	Member Secretary	Principal, BCREC.
7	Prof (Dr) G. S. Panda	Invitee Member	Registrar, BCREC
8	Prof. K. M. Hossain	Member	Vice Principal, BCREC
9	Prof. Sanjay Sengupta	Member	HOD, CE
10	Mr. Surajit Mishra	Member	Director In charge, DSP/ISP SAIL
11	Dr. Naresh Chandra Murmu	Member	Director, CSIR - CMERI
12	UGC Nominee	Member	Awaited
13	DTE	Member	Director of Technical Education or her nominee
14	Prof. Bijan Sarkar,	Member	Director, School of Management, Jadavpur University
15	Prof. (Dr.) Swapan Kr. Mondal,	Invitee Member	Professor, Kalyani Govt. Engg. College Representing Higher Education Dept., Govt. of W.B
16	Prof. Keshab Bhattacharya	Invitee Member	Educationalist
17	Prof. Arvind Choubey	Invitee Member	Director, NIT Durgapur, Educationalist



A Journey of Excellence

2000 – BCREC established; academic session began on 21 February with four engineering programmes.

2001 – Affiliated with MAKAUT (formerly WBUT).

2004 – First engineering batch graduated; MBA programme introduced.

2005 – Dr. B. C. Roy College of Pharmacy established.

2006 – MCA programme launched.

2008 – Progress towards NBA accreditation and quality enhancement.

2010 – Academy of Professional Courses established.

2011 – Major campus infrastructure and laboratory expansion.

2014 – Diploma Engineering College established.

2018 – Adopted digital learning and outcome-based education.

2020 – Achieved NAAC Accreditation.

2021 – Curriculum aligned with Industry 4.0 technologies.

2022 – Established the AICTE IDEA Lab.

2023 – AICTE IDEA Lab ranked 1st among 106 IDEA Labs in India.

2024 – Granted UGC Autonomous Status.

2025 – Established the 3D Printing & Additive Manufacturing Lab with C-DAC Kolkata and expanded industry collaborations.

2026 – Celebrating 26 Years of Excellence with 10 UG programmes, 6 PG programmes, NBA-accredited programmes, world-class infrastructure and a strong global alumni network.



VISION

To transform the institution into a global centre of learning through synergic application of creativity, innovation, and discipline.



MISSION

Create an ideal ambience for learning and growth.
Help students inherit value systems and become creative and agile thinkers.
Establish discipline, value-added education, and training & placement as three core values.
Build capabilities among students to lead from the front while also being team players.
Develop a symbiotic relationship between the institution, society, and the community for mutual betterment.
Expand the vistas of higher learning in technology and management areas, including postgraduate studies and research.
Encourage a global vision and integration with international best practices for local, regional, and national development.



QUALITY POLICY

The institute is committed to imparting quality education and training that satisfies the requirements of students in the fields of engineering and computer applications. The aim is to be an institute of excellence in global terms in the field of quality technical education through continual improvement. The faculty and support staff are facilitated to update their teaching and skills to match the dynamics of industrial and technological development.

Message from the President



Welcome to Dr. B. C. Roy Engineering College. As an autonomous institution with premier accreditations (NBA, NAAC, and more), you are entering a program that blends rigorous core engineering with expansive opportunities across interdisciplinary domains. The curriculum is designed not only to build technical prowess but also to shape well-rounded professionals who can lead, innovate, and adapt in a rapidly evolving world.

At the heart of your journey is core relevance. Civil, Mechanical, and Electrical engineering form the backbone of infrastructure, automation, and energy systems, driving the physical foundations of modern society. Electronics & Communication and Computer Science expand the digital frontier, enabling intelligent systems, data-driven decision making, and resilient connectivity. To complement these core strengths, the college offers diverse minors in unrelated subjects, including AI & ML, Cyber Security, data science, design thinking, and management. These minors broaden horizons, enabling you to fuse technical depth with strategic insight and entrepreneurial spirit.

A strong emphasis on soft skills and leadership ensures you graduate not only with technical competence but also with the communication, teamwork, and professional etiquette required to influence real-world outcomes. You will have access to dedicated soft-skills courses, enabling effective collaboration, persuasive communication, and ethical professional conduct that stand out in any industry.

Entrepreneurial and startup opportunities are woven into the fabric of your experience. Structured entrepreneurship programs, ideation labs, and mentorship from seasoned industry professionals culminate in a supportive ecosystem where ideas can be transformed into viable ventures. Incubation networks and access to funding avenues further empower you to explore, validate, and scale your innovations.

Research and academic pathways are equally vital. The college offers undergraduate research projects, faculty-guided thesis, and opportunities to collaborate with national and international labs. These experiences nurture curiosity, rigor, and a methodical approach to problem-solving, laying a solid foundation for advanced studies or industry research.

Industry-readiness remains a cornerstone of the program. You will engage in practical laboratories, project work, and internships with leading companies, creating a bridge between theory and practice and ensuring you are job-ready from day one. The aim is to equip you with a versatile toolkit—technical mastery, strategic thinking, and global awareness—that will empower you to contribute to India's infrastructure growth, manufacturing leadership, and energy transition.

Your career pathways are diverse and dynamic, spanning construction, manufacturing, information technology, research and development, and entrepreneurship. This breadth affords you the flexibility to pursue a trajectory aligned with your interests and aspirations, while the college's guidance and networks help you navigate opportunities and chart a meaningful professional course. Throughout your journey, a commitment to ethics and leadership remains foundational—safety, responsibility, and teamwork are the cornerstones upon which all successful engineers stand.

We are excited to accompany you on this transformative path, providing guidance that fuses technical mastery with real-world impact. Welcome aboard, and here's to a future shaped by innovation, collaboration, and lifelong learning.

A handwritten signature in black ink, reading "Satyajit Bose".

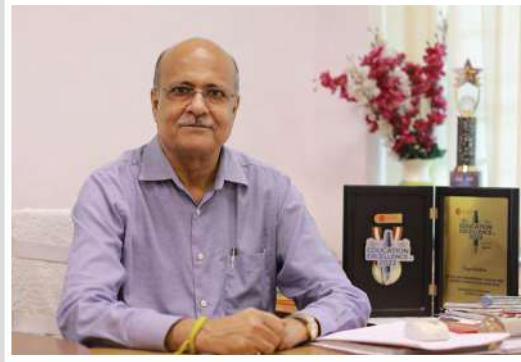
Dr. Satyajit Bose

MS. MCh. FIACS.

President

Dr. B. C. Roy Engineering College (BCREC) Society

Message from The General Secretary



"The highest education is that which does not merely give us information but makes our life in harmony with all existence." — Rabindranath Tagore

With this timeless philosophy as our guiding principle, it gives me immense pleasure to present this new edition of the Prospectus of Dr. B. C. Roy Engineering College, Durgapur, and an institution that has steadfastly upheld the ideals of quality technical education for over twenty-six years. Established with a vision to nurture competent professionals, responsible citizens, and ethical leaders, the College has emerged as one of the leading engineering institutions in Eastern India.

Since its inception, the BCREC has continuously evolved by embracing academic excellence, technological advancement, innovation, research, and industry-oriented education. Our commitment has always been to create an environment where knowledge, creativity, discipline, and character flourish together.

Today, the institution offers undergraduate programmes in Computer Science & Engineering(CSE), Electronics & Communication Engineering(ECE), Information Technology(IT), Electrical Engineering (EE), Civil Engineering (CE), Mechanical Engineering (ME), CSE (Artificial Intelligence & Machine Learning), CSE(Cyber Security), CSE (Data Science) and Computer Science and Design(CSD) along with postgraduate programmes in several engineering disciplines such as Power Systems , Mechanical Engineering , Communication Engineering , Computer Science and Engineering , Construction Technology and Management & Masters in Computer Applications (MCA). Supported by highly qualified and dedicated faculty members, modern laboratories, excellent infrastructure, and a vibrant academic ecosystem, the College continues to prepare students for successful careers in industry, research, entrepreneurship, and higher education.

The achievements of our students, faculty members, alumni, and staff have brought pride and recognition to the institution. Our accreditations, academic accomplishments, research contributions, placement records, and collaborations with industries and academic organizations stand as testimony to our relentless pursuit of excellence.

As we move forward, our vision is to transform Dr. B. C. Roy Engineering College, Durgapur into a globally respected centre of technical education, research, innovation, and entrepreneurship. We shall continue to strengthen our academic practices, encourage

Interdisciplinary learning, foster ethical values, and develop future-ready engineers capable of addressing the challenges of a rapidly changing world.

On behalf of the BCREC Society, I extend my sincere appreciation to our faculty members, officers, staff, students, alumni, parents, recruiters, industry partners, academic collaborators, regulatory bodies, and every stakeholder whose unwavering support, dedication, and trust have been instrumental in the remarkable journey of the BCREC. Your collective efforts continue to shape the institution into a beacon of excellence.

To our prospective students, I extend a warm invitation to become a part of the BCREC family. Here, you will find an atmosphere that inspires learning, innovation, leadership, and holistic development. Together, let us strive to build a brighter future through knowledge, integrity, and excellence.

I wish every member of the BCREC fraternity continued success, good health, and fulfilment in all their endeavours. May our institution continue to scale newer heights and contribute meaningfully to the advancement of society and the nation.

"तमसो मा ज्योतिर्गमय" (Tamaso Mā Jyotirgamaya) "Lead us from darkness to light."

With best wishes,

Mr. Tarun Bhattacharya

The General Secretary

Dr. B. C. Roy Engineering College (BCREC) Society

Message from the Principal



Dear students,

It is my pleasure to welcome you to Dr. B. C. Roy Engineering College, Durgapur, where your journey toward a successful career in engineering, technology, and innovation begins.

Technical education is evolving rapidly in response to global standards and the changing needs of industry. Guided by reforms from AICTE, UGC, MAKAUT, the Government, and other regulatory bodies, higher education today focuses on producing skilled professionals capable of contributing to India's vision of becoming a developed nation while making a meaningful global impact.

Established in 2000, our institute proudly celebrates its Silver Jubilee Year. Over the past 25 years, our alumni have built distinguished careers across India and around the world, serving leading multinational companies, government organizations, research institutions, and entrepreneurial ventures.

The college offers undergraduate programmes in major engineering disciplines, including Civil, Mechanical, Electrical, Electronics & Communication, Computer Science, and emerging technologies. We also offer postgraduate programmes in M.Tech, MBA, and MCA, providing students with diverse opportunities for academic and professional growth.

A major milestone for the institute is the grant of autonomous status by UGC and MAKAUT for five years from 2024-25. Academic autonomy enables us to design industry-oriented curricula, introduce contemporary subjects, and adopt innovative teaching and assessment methods that keep pace with technological advancements.

Our academic programmes are strengthened by the guidance of eminent members of our Board of Governors, Academic Council, and Boards of Studies, representing industry, academia, research organizations, and government institutions. Students also benefit from certificate programmes, add-on courses, and open electives that encourage interdisciplinary learning, research, and skill development beyond their core discipline.

The institute provides modern facilities, including AICTE-supported innovation laboratories, advanced manufacturing and 3D printing facilities, well-equipped classrooms and laboratories, hostels, sports infrastructure, and auditoriums. These resources help students gain practical experience alongside classroom learning. Our strong industry network offers internships, live projects, and excellent placement opportunities. The Training and Placement Office (TPO) supports students throughout their academic journey through structured training in technical skills, aptitude, communication, soft skills, and career planning. Workshops on higher education and global career opportunities are conducted regularly with support from faculty members, industry experts, and our accomplished alumni network.

Beyond academics, students are encouraged to participate in clubs, sports, cultural activities, entrepreneurship, and community service, ensuring their holistic development as confident professionals and responsible citizens.

I warmly welcome you to the Dr. B. C. Roy Engineering College family. I wish you a rewarding academic journey and every success as you prepare to contribute to the nation and the world through knowledge, innovation, and excellence.

A handwritten signature in blue ink, likely belonging to Prof. (Dr.) Sanjay S. Pawar, the Principal.

Warm Regards,

Prof. (Dr.) Sanjay S. Pawar

Principal

Dr. B. C. Roy Engineering College, Durgapur

Why BCREC The Preferred Choice?



Autonomous Institution – Flexible, industry-aligned curriculum with outcome-based learning.

NAAC Accredited & NBA Accredited Programmes – A benchmark of academic quality and excellence.

Outstanding Placement Record – 10,000+ Job Offers | 950+ Placement Drives | Highest Package ₹36 LPA

Industry-Integrated Learning – Value-added courses, certifications and experiential learning.

89 PhD Faculty Members – Learn from accomplished academicians, researchers and industry experts.

Research & Innovation Excellence – Collaborations with DRDO, CSIR-CMERI and leading research organizations.

AICTE IDEA Lab & Advanced Technology Centres – Innovation, prototyping and emerging technology exposure.

84+ Modern Laboratories & Workshops – World-class facilities for hands-on learning.

Strong Industry Collaborations – Internships, live projects, training and research partnerships.

Global Alumni Network – Alumni leading organizations across India and abroad.

Structured Internship Support – Industry exposure that enhances career



Empowering Your Future Prospects



Programs Offered

UG Program				PG Programs			
		Duration	Intake			Duration	Intake
B Tech	Electronics and Communication Engineering (NBA)	4 years	120	M Tech	Electronics and Communication Engineering	2 Years	18
	Computer Science and Engineering (NBA)	4 years	240		Computer Science and Engineering	2 Years	18
	Computer Science and Engineering (AIML)	4 years	60		Mechanical Engineering	2 Years	18
	Computer Science and Engineering (Data Science)	4 years	60		Power Systems	2 Years	18
	Computer Science and Engineering (Cyber Security)	4 years	30		Construction Technology and Management	2 Years	18
	Information Technology (NBA)	4 years	30	PG In Computer application	Masters of Computer Application (MCA)	2 Years	120
	Civil Engineering	4 years	60				
	Mechanical Engineering (NBA)	4 years	60				
	Electrical Engineering (NBA)	4 years	60				

Build a Strong Foundation in Core Engineering with Future-Ready Specializations Offered

At BCREC, students can enhance their career opportunities by pursuing Minor Specializations alongside their core engineering degree:

B.Tech in Civil Engineering + AI & Machine Learning / Management

B.Tech in Mechanical Engineering + AI & Machine Learning / Management

B.Tech in Electrical Engineering + AI & Machine Learning / Cyber Security

Laying Out The Four Year Plan



Year 1 – Foundation & Exploration

Build Strong Fundamentals

- ✓ Core Engineering Sciences (Mathematics, Physics, Chemistry)
- ✓ Programming & Engineering Graphics
- ✓ Communication Skills & Personality Development
- ✓ Innovation, Creativity & Design Thinking
- ✓ Technical Club Activities & Student Chapters
- ✓ Value-Added Certification Programmes

Year 2 – Core Learning & Skill Development

Strengthen Technical Competencies

- ✓ Department-Specific Core Subjects
- ✓ Laboratory & Hands-on Learning
- ✓ Industry-Oriented Workshops
- ✓ Coding & Technical Skill Enhancement
- ✓ Mini Projects & Team-Based Learning
- ✓ Internship Readiness Programmes

Year 3 – Industry Exposure & Specialization

Bridge Academics with Industry

- ✓ Advanced Core & Elective Courses
- ✓ Industrial Training & Summer Internship
- ✓ Research, Innovation & Patent Awareness
- ✓ Live Projects & Industry Interaction
- ✓ Soft Skills, Aptitude & Placement Training
- ✓ Entrepreneurship & Start-up Support

Year 4 – Career Readiness & Professional Excellence

Launch Your Career

- ✓ Major Capstone Project
- ✓ Campus Placement Drives
- ✓ Industry Certifications
- ✓ Mock Interviews & Group Discussions
- ✓ Higher Education & Competitive Exam Guidance (GATE, CAT, GRE, TOEFL, etc.)
- ✓ Career Opportunities in Industry, Research, Government & Entrepreneurship

Student Development throughout the Four Years

- ✓ Industry-Academia Collaboration
- ✓ Modern Laboratories & Research Facilities
- ✓ National & International Conferences
- ✓ Technical Festivals & Hackathons
- ✓ Professional Society Activities (IEEE, ISTE, CSI, SAE, IEI, IETE, etc.)
- ✓ Sports, Cultural Activities & Leadership Development
- ✓ Continuous Mentoring & Career Counselling
- ✓ Internship, Training & Placement Support

Electronics and Communication Engineering



WHY CHOOSE ECE AT BCREC?

Build Strong Fundamentals

- ☞ Strong foundation in Electronics, Communication & Signal Processing
- ☞ Industry-oriented curriculum with VLSI, Embedded Systems, IoT, AI/ML, Robotics & RF Engineering
- ☞ 21 Advanced Laboratories including sponsored FPGA, TI Innovation & Research Labs
- ☞ Active IEEE & IETE Student Chapters and technical clubs
- ☞ Hands-on learning through live projects, internships, hackathons & prototype development
- ☞ Strong industry collaborations with IIT Kharagpur, Jadavpur University, CSIR-CMERI, SAIL, Indian Air Force and others
- ☞ Career-focused training in coding, aptitude, soft skills & placement preparation
- ☞ Excellent guidance for GATE, higher studies, research & innovation
- ☞ 80%+ Placement & Higher Study Record

Metric	Data	Metric	Data
Year of establishment	2000	B.Tech sanctioned intake	120
M.Tech Communication Engineering intake	18	NBA accreditation status	Accredited three times; current cycle up to 30.06.2026
Current ECE student strength Faculty qualification index data	449 UG and PG students 13 Ph.D. faculty and 14 M.Tech/ME faculty in current assessment year	Faculty strength	28 faculty members
		Project / research laboratories	5 dedicated project/ research facilities
Additional laboratory facilities	16 listed facilities supporting design, fabrication, VLSI, IoT and prototyping	Professional bodies and clubs	IETE, IEEE, Robotics & IoT, RF Design, Cyber Physical Systems and FOSS
		Placement/higher-study index	Over 80% placement record.
Self-learning record	95 NPTEL/MOOC course registrations; 44 certificates earned		

INDUSTRY EXPOSURE

- ☞ Mandatory internships & industrial training
- ☞ Industry-sponsored projects and live problem solving
- ☞ Hackathons, TECHFEST & Smart India Hackathon participation
- ☞ Company-specific placement training with CoCubes, AMCAT & NEOPAT
- ☞ Soft skills, mock interviews & resume development

WORLD-CLASS LABORATORY FACILITIES

- ☞ Analog & Digital Electronics
- ☞ Communication & Signal Processing
- ☞ VLSI & FPGA Design
- ☞ Embedded Systems & IoT
- ☞ Microprocessor & Microcontroller
- ☞ Networking & Control Systems
- ☞ RF, Microwave & Antenna Engineering
- ☞ Texas Instruments Innovation Lab
- ☞ AICTE MODROB VLSI Lab
- ☞ AICTE IDEA Lab with 3D Printing & CNC Prototyping

CAREER OPPORTUNITIES

Graduates are well prepared for careers in:

- ☞ VLSI & Semiconductor Industry
- ☞ Embedded Systems & IoT
- ☞ Communication & Wireless Technologies
- ☞ Robotics & Automation
- ☞ AI/ML-enabled Industrial Systems
- ☞ Software & IT Services
- ☞ Higher Studies (M.Tech., MS, Ph.D.) & Research
- ☞ Entrepreneurship & Technology Innovation



FACULTY

Name of Faculty	Designation	Highest Qualifications
Dr. Mrinmoy Chakraborty	Associate Professor, HoD	Ph.D
Dr. Khondekar Mofazzal Hossain	Professor	Ph.D
Dr. Aloke Saha	Professor	Ph.D
Dr. Tribeni Prasad Banerjee	Associate Professor	Ph.D
Dr. Tapas Mondal	Associate Professor	Ph.D
Dr. Sourav Moitra	Associate Professor	Ph.D
Dr. Ankita Mitra	Assistant Professor	Ph.D
Dr. Abhijit Banerjee	Associate Professor	Ph.D
Dr. Aritra Bhowmik	Assistant Professor	Ph.D
Dr. Anup Kr. Das	Assistant Professor	Ph.D
Dr. Anirban Chattopadhyay	Assistant Professor	Ph.D
Keka Hajra	Assistant Professor	M.Tech
Dipta Chaudhuri	Assistant Professor	M.Tech
Moutusi Mondal	Assistant Professor	M.S
Nilkamal Bhunia	Assistant Professor	ME
Pradipta Sarkar	Assistant Professor	M.Tech
Tapas Roy	Assistant Professor	M.Tech
Subhadra Deb Roy	Assistant Professor	M.Tech
Surajit Batabayal	Assistant Professor	M.Tech
Samujjal Ray	Assistant Professor	M.Tech
Moloy Mukherjee	Assistant Professor	M.Tech
Soumendra Pain	Assistant Professor	M.Tech



Computer Science Engineering



OVERVIEW

Established in **2000**, the Department of Computer Science & Engineering (CSE) has earned **NBA accreditation for three consecutive cycles** and is recognized for academic excellence, industry-focused education, and outstanding placements. The department offers **B.Tech. (240 intake)** and **M.Tech. (18 intake)** programs supported by experienced faculty, modern laboratories, smart classrooms, and advanced computing facilities.

Students gain hands-on experience through projects, research, internships, workshops, and industry interactions, preparing them for successful careers in the IT industry, higher studies, research, and entrepreneurship.

WHY CHOOSE CSE AT BCREC?

- ☞ NBA Accredited department with 25+ years of excellence
- ☞ Industry-aligned curriculum with AI, ML, Data Science, IoT & Cyber Security
- ☞ Modern laboratories with advanced computing infrastructure
- ☞ Highly qualified faculty with strong research credentials
- ☞ Excellent placements in leading MNCs including TCS, Infosys, Capgemini, IBM, Wipro, Accenture, Tech Mahindra and others
- ☞ Active IEEE, ACM, CSI & IE(I) Student Chapters
- ☞ Strong research culture with 95+ journal publications, 152 conference papers, 34 book chapters & 12 patents
- ☞ Excellent support for higher studies, GATE, GRE, innovation & entrepreneurship

CAREER OPPORTUNITIES

- ☞ AI/ML & LLM Developer
- ☞ Software & Full Stack Developer
- ☞ Data Scientist & Data Engineer
- ☞ Cyber Security & Digital Forensics
- ☞ IoT & Embedded Systems Engineer
- ☞ Cloud, Network & Database Engineer
- ☞ Product Development & Automation Engineer



RESEARCH AREAS

- ☞ Artificial Intelligence & Machine Learning
- ☞ Data Science & Analytics
- ☞ Computer Vision
- ☞ Cyber Security
- ☞ Internet of Things (IoT)
- ☞ Quantum Computing
- ☞ Human-Computer Interaction
- ☞ Cyber-Physical Systems
- ☞ Biomedical Informatics



INFRASTRUCTURE

- ☞ **9 Advanced Laboratories**, including Research, Project & IoT Labs
- ☞ High-performance computing facilities
- ☞ Dedicated departmental library, seminar hall & smart classrooms

PROFESSIONAL CHAPTERS

IEEE | ACM | CSI | IE(I) | Student Activity Club

FACULTY

Name of Faculty	Designation	Highest Qualifications
Dr. Rajkumar Samanta	Professor & HoD	Ph.D
Dr. Anirban Bose	Assistant Professor	Ph.D
Dr. Deepa Naik	Assistant Professor	Ph.D
Dr. Chandan Das	Assistant Professor	Ph.D
Dr. Anandaprova Majumder	Assistant Professor	Ph.D
Dr. Sanjib Saha	Assistant Professor	Ph.D
Prof. Hiranmay Samaddar	Assistant Professor	ME
Prof. Saindhab Chattaraj	Assistant Professor	M.Tech
Prof. Amitabha Mandal	Assistant Professor	M.Tech
Prof. Sabbir Reza Tarafdar	Assistant Professor	M.Tech
Prof. Ravi Singh	Assistant Professor	M.Tech
Prof. Biswajit Mondal	Assistant Professor	ME
Prof. Biswadev Goswami	Assistant Professor	M.Tech
Prof. Syed Zahir Hasan	Assistant Professor	M.Tech
Prof. Ruma Ghosh	Assistant Professor	M.Tech
Prof. Rajib Kumar Mondal	Assistant Professor	M.Tech
Prof. Joyjit Patra	Assistant Professor	M.Tech
Prof. Sayan De	Assistant Professor	M.Tech
Prof. Priyankar Sarkar	Assistant Professor	M.Tech
Prof. Kuntal Sarkar	Assistant Professor	M.Tech
Prof. Sudipta Kumar Biswas	Assistant Professor	M.Tech
Prof. Manisankar Sannigrahi	Assistant Professor	M.Tech

Computer Science & Engineering (Artificial Intelligence & Machine Learning)



OVERVIEW

The **B.Tech. in Computer Science & Engineering (Artificial Intelligence & Machine Learning)** is a future-focused four-year undergraduate programme designed to prepare students for careers in the rapidly evolving world of AI. The curriculum integrates core computer science with **Machine Learning, Deep Learning, Natural Language Processing (NLP), Computer Vision, Robotics, Data Analytics, and Embedded AI**, enabling students to develop intelligent solutions for real-world challenges across healthcare, agriculture, industry, and smart technologies.

WHY CHOOSE CSE (AI & ML) AT BCREC?

- ☞ Industry-oriented curriculum in AI, ML, Deep Learning, NLP & Computer Vision
- ☞ Hands-on learning through advanced AI laboratories and real-world projects
- ☞ Focus on Generative AI, Embedded AI & IoT
- ☞ Research-driven learning with experienced faculty
- ☞ Strong emphasis on innovation, entrepreneurship & ethical AI
- ☞ Active professional bodies including Google Developers Student Club (GDSC) and IEEE-MTTS Student Branch
- ☞ Excellent support for placements, higher studies & research

RESEARCH AREAS

- ☞ Artificial Intelligence in Healthcare
- ☞ AI for Agriculture
- ☞ Embedded AI & IoT
- ☞ Computer Vision
- ☞ Generative AI

LABORATORY FACILITIES

- ☞ High-End Computing Laboratory
- ☞ Machine Learning Laboratory
- ☞ Embedded AI Laboratory
- ☞ General Computing Laboratory



RESEARCH & INNOVATION

- ☞ 24 Journal Publications
- ☞ 23 Conference Publications
- ☞ 14 Book Chapters

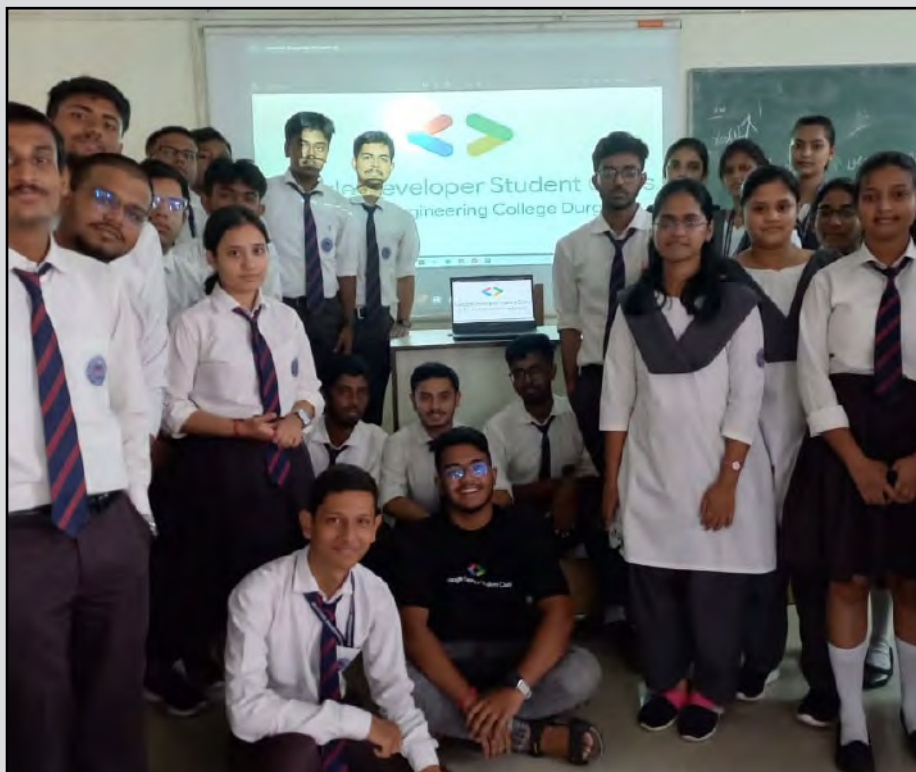
CAREER OPPORTUNITIES

- ☞ AI/ML Engineer
- ☞ Data Scientist / Data Analyst / Data Engineer
- ☞ Machine Learning Researcher
- ☞ Business Intelligence Analyst
- ☞ Software Engineer



FACULTY

Name of Faculty	Designation	Highest Qualifications
Dr. Gour Sundar Mitra Thakur	Professor & HOD	Ph. D
Dr. Arnab Banerjee	Assistant Professor	Ph. D
Prof. Biswajit Saha	Assistant Professor	ME
Prof. Debjyoti Prodhan	Assistant Professor	ME
Prof. Raja Dey	Assistant Professor	M. Tech
Prof. Devlina Karmakar	Assistant Professor	M. Tech
Prof. Arya Manikya Sinha	Assistant Professor	M. Tech
Prof. Amit Kumar Chakraborty	Assistant Professor	M. Tech



Computer Science & Engineering (Data Science)



OVERVIEW

Established in 2022, the Department of Computer Science & Engineering (Data Science) offers a 4-year B.Tech. programme designed to meet global industry standards. The curriculum combines Computer Science, Artificial Intelligence, Machine Learning, Big Data, Statistics, and Business Analytics to prepare students for data-driven careers.

The department is supported by highly qualified faculty from IITs, NITs, and leading international universities, with active research collaborations across USA, Germany, Belgium, UK, Singapore, France, and premier Indian institutes including IISc, IITs, ISI Kolkata, IIST Shibpur, Jadavpur University, and NITs.

WHY CHOOSE DATA SCIENCE AT BCREC?

- ☞ Industry-oriented curriculum aligned with global standards
- ☞ Focus on AI, Machine Learning, Data Science & Big Data Analytics
- ☞ Experienced faculty with international academic and research exposure
- ☞ International & national research collaborations
- ☞ Advanced laboratories with hands-on learning
- ☞ Strong guidance for higher studies, research & innovation
- ☞ Active ACM Student Chapter
- ☞ Excellent career opportunities in the rapidly growing data science domain



CAREER OPPORTUNITIES

- ☞ Data Scientist
- ☞ Data Analyst
- ☞ Machine Learning Engineer
- ☞ Data Engineer
- ☞ Business Analyst
- ☞ Database Administrator
- ☞ Data Architect
- ☞ Analytics Manager
- ☞ Statistician

RESEARCH AREAS

- ☞ Artificial Intelligence & Machine Learning
- ☞ Big Data Analytics
- ☞ Quantum Computing
- ☞ Soft Computing
- ☞ Evolutionary Algorithms
- ☞ IoT
- ☞ Optical Circuit Design
- ☞ Biomedical Engineering
- ☞ Citation Network Analysis

LABORATORY FACILITIES

- ☞ Data Science Lab
- ☞ Data Mining Lab
- ☞ Big Data & OLAP Lab
- ☞ Artificial Intelligence Lab
- ☞ Data Analytics & Visualization Lab
- ☞ Computational Programming Lab
- ☞ Computer Networks Lab
- ☞ Software Engineering Lab
- ☞ Operating Systems Lab
- ☞ Computer Organization Lab

FACULTY PUBLICATIONS

- ☞ Journals: 38
- ☞ Conferences: 100
- ☞ Book Chapters: 9
- ☞ Edited Book: 2
- ☞ Patent/Design: 4

FACULTY

Name of Faculty	Designation	Highest Qualifications
Dr. Chandan Bandyopadhyay	Associate Prof. & HOD	M. Tech, PhD, Post-doc(Germany)
Dr. Saibal Majumder	Assistant Prof.	M. Tech(, PhD
Dr. Sovan Bhattacharya	Assistant Prof.	M. Tech, PhD Pursuing
Dr. Suchandra Banerjee	Assistant Prof.	M. Tech, PhD
Prof. Banashree Chatterjee	Assistant Prof.	M. Tech, PhD
Prof. Kinshuk Banerjee	Assistant Prof.	M. Tech
Prof. Purba Mukhopadhyay	Assistant Prof.	M.Tech
Mr. Shubhranshu Gorai	Lab Instructor	BCA, MCA



Computer Science & Engineering (Cyber Security)



OVERVIEW

Established in 2023, the Department of **Computer Science & Engineering (Cyber Security)** offers a future-focused **B.Tech. programme** that combines core computer science with advanced cybersecurity technologies. The curriculum emphasizes **network security, ethical hacking, cryptography, secure coding, digital forensics, cloud security, and risk management**, preparing students to protect today's digital infrastructure.

With industry collaborations, MoUs, hands-on laboratories, research opportunities, and participation in hackathons and cybersecurity competitions, students gain practical skills aligned with global industry requirements.

WHY CHOOSE CSE (CYBER SECURITY) AT BCREC?

- ☞ Industry-oriented curriculum aligned with emerging cyber threats
- ☞ Specialization in Cyber Security, Ethical Hacking, Cryptography, Cloud & Network Security
- ☞ Hands-on learning through modern laboratories, projects & cybersecurity competitions
- ☞ Industry collaborations and MoUs for practical exposure
- ☞ Research-driven learning with experienced faculty
- ☞ Strong focus on innovation, ethical practices & digital resilience
- ☞ Career guidance for higher studies, certifications & industry readiness

CAREER OPPORTUNITIES

- ☞ Cyber Security Analyst
- ☞ Information Security Analyst
- ☞ Network Security Engineer
- ☞ Ethical Hacker / Penetration Tester
- ☞ Security Operations Center (SOC) Analyst
- ☞ Digital Forensics & Incident Response Specialist
- ☞ Cloud Security Engineer
- ☞ Security Architect
- ☞ Cyber Security Consultant

EMERGING FOCUS AREAS

- ☞ AI-Driven Cyber Security
- ☞ Cloud Security
- ☞ IoT Security
- ☞ DevSecOps
- ☞ Zero Trust Security
- ☞ Threat Intelligence
- ☞ Digital Forensics
- ☞ Blockchain Security
- ☞ Quantum-Safe Cryptography

LABORATORY FACILITIES

- ☞ System Security Lab
- ☞ Network Security Lab
- ☞ Data Communication & Networks Lab
- ☞ Operating Systems Lab
- ☞ Database Management Systems Lab
- ☞ Object-Oriented Programming Lab
- ☞ Data Structures & Algorithms Lab
- ☞ Computer Organization Lab
- ☞ Project Lab

RESEARCH & INNOVATION

- ☞ 13 Journal Publications
- ☞ 15 Conference Publications
- ☞ 2 Book Chapters

FACULTY

Name of Faculty	Designation	Highest Qualifications
Dr. Subir Panja	Associate Prof. & HOD	Ph.D.
Dr. Sohom Bandyopadhyay	Assistant Professor	Ph.D
Mr. Sudipta Samanta	Assistant Professor	M.Tech
Mr. Amit Kumar Mondal	Assistant Professor	M. Tech



Civil Engineering (CE)



OVERVIEW

The department came into existence in 2010 as the Department of Civil Engineering. Since its inception, the department is engaged in imparting education in various aspects of building, construction, highway and transportation, environment and other major areas of civil engineering. Department's vision is to become a global center of learning through the synergic application of understanding, creativity, innovation, and discipline. The department presently offers B.Tech in Civil Engineering and M.Tech in Construction Technology and Management. The Department has well-equipped laboratories in the areas of Solid Mechanics, Concrete Technology, Soil Mechanics, Highway & Transportation Engineering, Surveying, Fluid Mechanics, Water Resources Engineering, Environmental Engineering, and Project Laboratory along with computational laboratory. The department has developed a practice of offering consultancy services and contributing significantly in the recent past for providing constancy to companies in and surrounding Durgapur. To bridge the industry academia gap, department organizes site and different other laboratory visits. A Centre-of-Excellence for sustainable Construction Materials is established by Ultratech at the department recently. Department has an excellent track record in the student placement in well reputed companies. Department encourages students to pursue higher education. Many students have pursued their higher studies in the reputed government and non-government technical and management institutes. Pass out students of the department have achieved remarkable success in competitive examinations, earning opportunities to contribute to different Government departments and public sector organizations.

CAREER SCOPE

- ☛ Assistant & Sub-Assistant Engineer in Government Sectors
- ☛ Site Engineer
- ☛ Design Engineer
- ☛ Quality Control in Civil Engineering Works
- ☛ Estimation & Valuation
- ☛ BIM & GIS Expert| Certified
- ☛ Licensed Civil Engineer
- ☛ Civil Infrastructure Auditor & Safety Manager
- ☛ Software Developer
- ☛ Higher Studies (M. Tech, MBA, MS etc.)



OUR LABS

- ☞ CAD Lab
- ☞ Solid Mechanics Lab
- ☞ Highway & Transportation Engineering Lab
- ☞ Concrete Lab
- ☞ Soil Mechanics Lab
- ☞ Environmental Engineering Lab
- ☞ Surveying Lab
- ☞ Fluid Mechanics Lab
- ☞ Engineering Geology Lab
- ☞ Project Lab

PROFESSIONAL BODIES

- ☞ The Institution of Engineers (India) (Student Chapter)
- ☞ Indian Earthquake Engineering Society (ISET) (Student Chapter)

RESEARCH AREAS

- ☞ Structural Engineering
- ☞ Structural Health Monitoring
- ☞ Concrete Technology & Sustainable Development
- ☞ Geotechnical Engineering| Transportation & Traffic Engineering
- ☞ Environmental Engineering

ACHIEVEMENTS

Landmark Achievements:

- ☞ MoU with leading industries (Ultratech) and Government bodies (CSIR-CMERI)
- ☞ Centre of Excellence (COE) with Ultratech in the Department
- ☞ Prof. Pranoy Roy have got the “Best Faculty Award for Placement” from BCREC Society
- ☞ Students have Won Multiple Prizes in Different Events from Megalith (India’s Biggest Civil Engineering Tech Fest Organized by IIT Kharagpur) for last 4 years
- ☞ Students have Presented their Research Papers from the Final Year Project in many International Conferences
- ☞ Integrated the principles of the

Sustainable Development Goals (SDGs) into its teaching, research, innovation, and outreach activities to create a positive societal and environmental impact.

- ☞ Student went to Columbia University for MS
- ☞ Students progressing to IITs, NITs, IIST for M. Tech after qualifying GATE examination
- ☞ Students qualified for various Government Jobs e.g. WBPSC, BPSC, RRB, JPSC etc.
- ☞ Associated with professional bodies e.g. IEI, IGS (Kolkata Chapter), ISET
- ☞ Department is Providing Consultancy Services to Various Industries Around Durgapur

FACULTY

Name of Faculty	Designation	Highest Qualifications
Dr. Sanjay Sengupta	Professor & HOD	PhD
Dr. Shovan Roy	Assistant Professor	PhD
Dr. Sayantan Dutta	Assistant Professor	PhD
Dr. Anupam Kr Biswas	Assistant Professor	PhD
Dr. Soumyadip Das	Assistant Professor	PhD
Md. Hamjala Alam	Assistant Professor	M.Tech
Mr. Chanchal Das	Assistant Professor	M.E
Mr. Amit Kotal	Assistant Professor	M.Tech
Mr. Pranoy Roy	Assistant Professor	M.Tech
Mr. Koyndrik Bhattacharjee	Assistant Professor	M.Tech

Electrical Engineering (EE)



OVERVIEW

Established in 2000, the Department of Electrical Engineering offers **B.Tech. in Electrical Engineering** and **M.Tech. in Power Systems Engineering**. Accredited by the NBA (2008, 2022 & 2025), the department provides a strong foundation in electrical sciences with a focus on **Power Systems, Power Electronics, Control Systems, Embedded Systems, Renewable Energy, IoT, and Automation**.

Experienced faculty actively engage in high-impact research, sponsored projects, consultancy, and international collaborations, ensuring students receive industry-relevant education and research exposure.

CAREER SCOPE

- ☞ Power System Engineer
- ☞ Electrical Design Engineer
- ☞ Embedded Systems Engineer
- ☞ Automation & Control Engineer
- ☞ Renewable Energy Engineer
- ☞ Power Electronics Engineer
- ☞ EV Systems Engineer
- ☞ R&D Engineer
- ☞ IoT & Smart Grid Engineer
- ☞ PSU Engineer (through GATE)

SPONSORED RESEARCH AND CONSULTANCY ACTIVITIES OF EE DEPARTMENT

1. Received Sponsored research grant of Rs. 5 Lakhs from Ministry of Agriculture, Government of India (No.: 12-3/2020 RKVY) (ongoing).
2. Received sponsored research grant of Rs. 2.30 Lakhs from PRISM-DSIR, Government of India (No.: PRISM/DSIR/207/2021). (completed)

WORKSHOPS AND INDUSTRY VISITS CONDUCTED IN 2025-26

- ✓ Two-day hands-on workshop on 'PCB and Circuit Design' was conducted by AICT Pvt. Ltd. (ISO 9001:2015 Certified) for 2nd and 3rd Year EE students from 17.2.2026-18.2.2026.
- ✓ One-day visit to Matix Fertilizers and Chemicals Ltd., Panagarh, was conducted on 14.02.2026 for 3rd Year EE students.
- ✓ One-day visit to Supreme Industries was conducted on 13.01.2026 for 3rd Year EE students.



DEPARTMENTAL LABORATORIES

- | | |
|----------------------------|---------------------------|
| 1. BASIC ELECTRICAL LAB | 8. POWER SYSTEM LAB |
| 2. NETWORK LAB | 9. CONTROL SYSTEM LAB |
| 3. DIGITAL ELECTRONICS LAB | 10. POWER ELECTRONICS LAB |
| 4. MEASUREMENTS LAB | 11. ELECTRIC DRIVES LAB |
| 5. MICROPROCESSOR LAB | 12. SIMULATION LAB |
| 6. EMBEDDED SYSTEMS LAB | 13. TESLA PROJECT LAB |
| 7. ELECTRICAL MACHINES LAB | |

FACULTY

Name of Faculty	Designation	Highest Qualifications
Dr. Shibendu Mahata	Asso. Prof. & HoD	Ph.D (NIT Durgapur)
Dr. Dola Sinha	Asso. Prof.	Ph.D (IIT(ISM) Dhanbad)
Dr. Ritu Rani De Maity	Asst. Prof.	Ph.D (Jadavpur University)
Dr. Kamalika Tiwari	Asst. Prof.	Ph.D (Jadavpur University)
Dr. Sanjoy Kumar Saha	Asst. Prof.	Ph.D (IIST Shibpur)
Dr. Soumen Mallick	Asst. Prof.	Ph.D (NIT Durgapur)
Dr. Tushnik Sarkar	Asst. Prof.	Ph.D (NIT Durgapur)
Dr. Chandan Paul	Asst. Prof.	Ph.D (IIT(ISM) Dhanbad)
Dr. Sourav Paul	Asst. Prof.	Ph.D (MAKAUT)
Dr. Sneha Sultana	Asst. Prof.	Ph.D (MAKAUT)
Dr. Kingsuk Majumdar	Asst. Prof.	PhD (NIT Durgapur)
Dr. Soham Dey	Asst. Prof.	PhD (NIT Durgapur)
Dr. Snehashis Ghoshal	Asst. Prof.	PhD (IIST Shibpur)
Mou Das Mahapatra	Asst. Prof.	M. Tech (NIT Durgapur)
Sunil Kumar Choudhary	Asst. Prof.	M. Tech (NIT Durgapur)
Adhit Roy	Asst. Prof.	M. Tech (BCREC, Durgapur)
Saradindu Mondal	Asst. Prof.	M. Tech (Calcutta University)

Information Technology (IT)



OVERVIEW

Established in **2000**, the Department of Information Technology offers an **NBA-accredited B.Tech. programme** that combines strong academic foundations with industry-oriented learning, research, innovation, and practical exposure. The department prepares students to become skilled IT professionals, innovators, entrepreneurs, and future technology leaders.

WHY CHOOSE IT AT BCREC?

- ☞ **NBA Accredited** programme with 25+ years of excellence
- ☞ Industry-focused curriculum in **AI & ML, Data Science, IoT, Cyber Security, Cloud Computing & Software Engineering**
- ☞ Modern laboratories with advanced computing infrastructure
- ☞ Project-based learning, internships & industry-oriented training
- ☞ Active research, innovation & entrepreneurship ecosystem
- ☞ Strong industry interaction through expert talks, industrial visits & live projects
- ☞ Active professional chapters: **IEEE, ACM, CSI, ISTE, IETE, Google Developer Communities & CodeChef**
- ☞ Career-focused training with excellent placement and higher study support

ACADEMIC & RESEARCH FOCUS

- ☞ **Artificial Intelligence & Machine Learning**
- ☞ **Data Science & Analytics**
- ☞ **Cyber Security**
- ☞ **Cloud Computing**
- ☞ **Internet of Things (IoT)**
- ☞ **Software Engineering**
- ☞ **Database Technologies**
- ☞ **Computer Networks**
- ☞ **Web & Mobile Application Development**

LABORATORY FACILITIES

- ☞ **Programming & Data Structures Lab**
- ☞ **Database Management Systems Lab**
- ☞ **Operating Systems & Networks Lab**
- ☞ **AI & Data Science Lab**
- ☞ **IoT & Hardware Lab**
- ☞ **Project & Startup Lab**

STUDENT DEVELOPMENT

Students actively participate in:

- ☞ Hackathons & Coding Competitions
- ☞ Technical Workshops & Project Exhibitions
- ☞ Research Internships
- ☞ Innovation & Entrepreneurship Programmes
- ☞ Industry-Oriented Projects

CAREER OPPORTUNITIES

Graduates build successful careers as:

- ☞ Software Engineer
- ☞ Full Stack Developer
- ☞ AI/ML Engineer
- ☞ Data Scientist
- ☞ Cloud Engineer
- ☞ Cyber Security Analyst
- ☞ DevOps Engineer



FACULTY

Name of Faculty	Designation	Highest Qualifications
Dr. Dinesh Kr. Pradhan	Associate Professor & HoD	Ph.D.
Dr. Suman Bhattacharjee	Associate Professor	Ph.D.
Dr. Moumita Pradhan	Assistant Professor	Ph.D.
Prof. Md. Keramot Hossain Mondal	Assistant Professor	M. Tech.
Prof. Prabal Kumar Sahu	Assistant Professor	M.E.
Prof. Manas Kumar Roy	Assistant Professor	M.E.
Prof. Priyanka Roy	Assistant Professor	M.E.
Prof. Ram Prasad Chakraborty	Assistant Professor	M. Tech.
Prof. Sk. Mofizul Haque	Assistant Professor	M.E.



Mechanical Engineering (ME)



OVERVIEW

Established in 2003, the Department of Mechanical Engineering offers B.Tech. and M.Tech. programmes with a strong focus on industry-oriented education, research, innovation, and practical learning. Supported by experienced faculty from IITs, NITs, IIST, Jadavpur University, and other premier institutions, the department equips students with the knowledge and skills required for modern engineering careers.

Students benefit from advanced laboratories, industry interactions, research opportunities, industrial training, and excellent placement support.

WHY CHOOSE MECHANICAL ENGINEERING AT BCREC?

- ☞ **NBA Accredited** programme with industry-focused curriculum
- ☞ Experienced faculty with strong academic and research credentials
- ☞ Advanced laboratories including **CAD/CAM, Robotics, Mechatronics, CNC & Advanced Manufacturing**
- ☞ Hands-on learning through industrial training, live projects & research
- ☞ Strong industry collaborations with **CSIR-CMERI, SAIL, DVC, DSP** and other leading organizations
- ☞ Excellent guidance for **GATE, higher studies, research & entrepreneurship**
- ☞ Consistent placements in leading core industries and IT companies

LABORATORY FACILITIES

- ☞ CAD/CAM & Computer-Aided Design Lab
- ☞ Robotics & Advanced Manufacturing Lab
- ☞ Mechatronics Lab
- ☞ Thermal Engineering Lab
- ☞ Hydraulics & Heat Transfer Lab
- ☞ Strength of Materials & Material Testing Lab
- ☞ Dynamics of Machinery Lab
- ☞ Mechanical Workshops
- ☞ Project Laboratory

RESEARCH AREAS

- ☞ Robotics & Autonomous Systems
- ☞ Advanced Manufacturing & Industry 4.0 & higher
- ☞ Computational Mechanics & Simulation
- ☞ Energy Systems
- ☞ Design Engineering

INDUSTRY EXPOSURE

- Industrial training at **CSIR-CMERI, DVC, DSP (SAIL), DPL, Graphite India** and other industries
- Expert lectures by industry professionals
- Collaborative industry projects
- MoUs with **CSIR-CMERI** and **SAIL**



CAREER OPPORTUNITIES

Graduates build successful careers as:

- Design Engineer**
- Manufacturing Engineer**
- Automotive Engineer**
- Aerospace Engineer**
- Maintenance Engineer**
- Quality Engineer**
- Production Engineer**
- Robotics & Automation Engineer**
- Public Sector Engineer (SAIL, BHEL, Indian Railways, IOC)**
- Software & IT Professional**

FACULTY

Name of Faculty	Designation	Highest Qualifications
Dr. Chandan Chatteraj	Prof. & HOD	Ph.D
Dr. Subrata Samanta	Assoc. Prof.	Ph.D
Dr. Arijit Banerjee	Assoc. Prof.	Ph.D
Dr. Pabitra Kumar Mandal	Assistant Professor	Ph.D
Dr. Manoj Kundu	Asst. Prof.	Ph.D
Dr. Rupali	Asst. Prof.	Ph.D
Dr. Subhas Chandra Moi	Asst. Prof.	Ph.D
Dr. Rajeev Ranjan	Asst. Prof.	Ph.D
Dr. Suman Karmakar	Asst. Prof.	Ph.D
Dr. Chitta Sahana	Asst. Prof.	M.Tech
Dr. Arka Banerjee	Asst. Prof.	MTech
Mr.Subhajit Bhattacharya	Asst. Prof.	M.Tech
Mr.Siddhartha Bhowmick	Asst. Prof.	MTech
Mr.Rakesh Biswas	Asst. Prof.	MTech
Mr.Deepak Kumar	Asst. Prof.	MTech
Mr.Koushik Chatterjee	Asst. Prof.	M.Tech



Computer Science and Design (CSD)



OVERVIEW

With the penetration and growth of internet & machine intelligence in all realms of life, most industries are increasing their web presence and interactivity with their stakeholders and customers. The demand for incorporating good and intelligent interactive design with rich media is increasing in all enterprises. With increasing focus on user experience, the importance of Interactive Design and Design Methods is also increasing rapidly in IT products and services.

The B.Tech. in Computer Science and Design aims to develop graduates that are not only well versed with computing approaches, tools, and technologies, but are also experienced with Design approaches and new Media technologies and its uses. The program has a set of core courses in Computer Science and Design, and many electives in the emerging areas covering Machine Learning, Data Analytics, state-of-the-art web development, UI/UX design, Virtual/Augmented Reality, Animation/Games design, CAD/3D Printing, IoT/Robotics interfacing that covers almost all the skill domains in Computer Science, Interactive Design and Digital Media that are in high demand in the IT and allied industries. This programme enables the students to choose a curriculum suitable for them to be industry ready. The program will prepare students to work in the IT industry as well as the digital media industry like machine learning, robotics, IoT, animation, game development, virtual/augmented reality, web applications, blockchain, cyber security, etc. The program will also allow students, who want to pursue higher studies, to take up higher studies in CS/IT or in Design.

To execute our mission with the objective of achieving our vision, we have a dedicated team of well qualified and student friendly faculty members,

CAREER PATHWAYS

Job Roles

Software Developers | AR/VR Professionals | Game/Animation Developers | Data Scientist | Graphics Designers | Web Designers | Hardware/IoT/Robotics Engineers | System/Product Designer | System Analyst | Full Stack Developers

Name of the hiring companies

Capgemini, Cognizant, Wipro, TCS, Infosys, IBM, HCL, MindTree, LTI etc.

OUR LABS

- ☞ Graphics Design, Animation and Game Development Lab
- ☞ Virtual /Augmented Reality (AR/VR) Lab
- ☞ Computer Organization and Digital Lab
- ☞ Robotics / IoT Lab
- ☞ Programming / Algorithm / Data Structure Lab
- ☞ DBMS / Operating Systems Lab
- ☞ Python /Data Analytics / Visualization / Machine Learning Lab
- ☞ CAD/3D Printing Lab

PROFESSIONAL BODIES

- ☞ DEZINOVA - Students' Professional Club
- ☞ IEEE Students' Branch
- ☞ CSI Students' Section.

INDUSTRY INTERACTIONS

- ☞ Industry-Academia Expert Interactions
- ☞ CSD, BCREC-Design Experts of Premier Institutes Interactions

ACHIEVEMENTS

Landmark Achievements

G20 Invitee

World Audio Visual Entertainment Summit (WAVES) 2025 XR Creator Finalist

ANIMA25 Winner (2 teams) (Award Received at Mumbai from Sri Bidhu Vinod Chopra, Film Director)

SIH24 Finalist

SmartBengal Hackathon 25 Finalist

DEZINOVA - Students' Professional Club Activities

20 Students participated AICTE Training on Metaverse

RESEARCH AREAS

Augmented Reality /Virtual Reality

Machine Learning applications

Robotics / IoT applications Projects

FACULTY

Name of Faculty	Designation	Highest Qualifications
Dr. Paulomi Mukherjee (Tiwari)	Assistant Professor & HOD	Ph. D
Dr. Ardhendu Sekhar Chattapadhyay	Assistant Professor	Ph. D
Mr. Koustav Roy	Assistant Professor	Ph. D
Mr. Prasenjit Maji	Assistant Professor	Ph. D
Mr. Swadhin Kr Mondal	Assistant Professor	M. Tech.
Mr. Nasim Anjum Hoque	Assistant Professor	M. Tech.
Ms. Monalisa Chakraborty	Assistant Professor	M.E
Ms. Anusruti Mitra	Assistant Professor	M. Tech.



Master of Computer Application (MCA)



OVERVIEW

The Department of Computer Applications established in 2005 is a pioneer department of the Dr. B. C. Roy Engineering College, Durgapur. Currently, the department offers a 2-year MCA (Masters of Computer Applications) with a wide variety of emerging fields in Machine Learning, Artificial Intelligence, Data Science, and Computer Vision. This department is bestowed with an experienced team of faculty members with an excellent academic track record and proficiency in data science, machine learning, and cyber security. In the last couple of years, the department has published more than 50 papers in reputed journals and conferences. The curriculum of the department provides a good theoretical foundation through high-quality teaching and extensive practical training to make them industry-ready. To enhance students' professional competencies, the department regularly organizes workshops, technical seminars, Faculty Development Programmes (FDPs), Short-Term Training Programmes (STTPs), and conferences. The department conducts a mandatory Bridge Course for newly admitted students, strengthening their fundamental knowledge and preparing them for the rigorous academic environment of the MCA programme.

LABORATORIES

- ☞ **Computer Programming Lab**
- ☞ **Database Lab**
- ☞ **Project Lab**
- ☞ **Web Technology Lab**
- ☞ **Soft Skill and Inter personal Communications Lab**
- ☞ **R & D LAB**

RESEARCH AREAS

- ☞ **Image Processing & Computer Vision**
- ☞ **Artificial Intelligence & Machine Learning**
- ☞ **Cyber Security**
- ☞ **Optimization & Soft Computing**
- ☞ **Cognitive Science**
- ☞ **Data Analytics in Healthcare**

CAREER SCOPE

Software Developers, System Analysts, Database Administrators, Web Developers, Mobile App Developers, Cloud Engineers, Data Analysts, Cyber Security Specialists

PUBLICATIONS

Journal/s	32
Conference/s	35
Book Chapter/s	06
Patents	11



PLACEMENT

The department has consistently demonstrated an excellent placement record, with students securing positions in reputed multinational companies, IT firms, banking institutions, and emerging technology organizations. In the recent placement season, one MCA student received an impressive package of ₹17.22 LPA from Federal Bank, while another secured a position at Amazon with a package of ₹9 LPA. Several other students also obtained placement offers from leading organizations, with a number of them receiving multiple job offers.

FACULTY

Name of Faculty	Designation	Highest Qualifications
Dr. Pabitra Kumar Dey	Professor & Head	Ph.D.
Dr. Falguni Chakraborty	Associate Professor.	Ph.D.
Debasis Guha	Assistant Professor	M.Tech, MCA
Ansuman Mahanty	Assistant Professor	M.Tech, MCA, M.Sc, PhD (Pursuing)
Subhrangsu Chandra	Assistant Professor	M.Tech, MCA, PhD (Pursuing)
Uday Kumar Banerjee	Assistant Professor	M.Tech, MCA, PhD (Pursuing)
Anupam Baidya	Assistant Professor	M.Tech, MCA, PhD (Pursuing)
Bisweswar Ghosh	Assistant Professor	MCA, M.Tech (Pursuing)



Department of Basic Science And Humanities (BSH)



OVERVIEW

The Department of Basic Science and Humanities at Dr. B. C. Roy Engineering College (BCREC), Durgapur plays a vital role in building the academic and professional foundation of engineering students. The department offers core courses in Mathematics, Physics, Chemistry, English, Economics, and Environmental Science during the first two semesters of the B.Tech programme, helping students develop the scientific and analytical skills required for engineering education.

Along with building strong foundations in Mathematics, Physics, and Chemistry, the department also places equal emphasis on English communication and soft skill development. Mathematics develops analytical and problem-solving abilities, while Physics and Chemistry help students understand the fundamental scientific principles underlying modern engineering technologies. At the same time, effective communication is essential for engineering professionals in today's global environment.

To address these needs, the department provides structured training in professional English, business communication, and corporate etiquette, alongside rigorous instruction in the basic sciences. Through regular theory and laboratory classes in Mathematics, Physics, and Chemistry, as well as communication classes and a well-equipped language laboratory, students develop both technical understanding and professional communication skills. This integrated approach helps students gain confidence in analytical thinking, scientific application, speaking, writing, and professional interaction, thereby significantly enhancing their overall competence and employability.

The department also conducts regular theory and laboratory classes in well-equipped Physics and Chemistry laboratories, enabling students to understand the practical applications of scientific concepts in engineering. Continuous assessment, remedial classes for slow learners, and enrichment activities for advanced learners are integral parts of the teaching-learning process.

In addition, industrial visits and invited lectures by experts from reputed institutions and industries provide students with valuable exposure to current technological developments and professional practices. Through its integrated approach to basic sciences, communication, and professional development, the department aims to nurture competent, confident, and industry-ready engineering graduates.

CAREER SCOPE

- ☞ Higher Studies
- ☞ Research
- ☞ Teaching
- ☞ Data Analysis
- ☞ Academic Research
- ☞ Corporate Communication
- ☞ Consultancy
- ☞ Interdisciplinary Research
- ☞ Public Sector Opportunities

RESEARCH AREAS

- ☞ Applied Mathematics
- ☞ Operations Research
- ☞ Statistical Sample Surveys
- ☞ Fuzzy Sets and Decision Making
- ☞ Biostatistics | Supply Chain Management
- ☞ Membrane Technology
- ☞ Natural Products
- ☞ Thin Film Solar Cells
- ☞ Organic Polymer Chemistry
- ☞ Participatory Sensing
- ☞ Game Theory
- ☞ Gender Studies | Modern British Literature | Climate Economics and Sustainability

OUR LABS

- ☞ Language Laboratory
- ☞ Physics Laboratory
- ☞ Chemistry Laboratory
- ☞ Computing / Mathematics Laboratory

ACHIEVEMENTS

Faculty Achievements

- ✓ **Dr. Abhik Mukherjee**
 - ☞ Subject Expert (Language/Literature) – Fulbright Nehru Doctoral Application (2026–27)
 - ☞ Invited as Keynote Speaker in FDP (17 November 2025)
 - ☞ Invited Resource Person at Vidyasagar University (18 April 2025)
 - ☞ Member of PhD Thesis Evaluation Panel (National Examiner) at VIT Vellore (12 October 2025)

OUR PUBLICATIONS

Last Four Years Publication Details:

2026	9 Journal	5 Conference	2 Book Chapter	4 Patents	Total: 20
2026	32 Journal	5 Conference	3 Book Chapter	3 Patents	Total: 43
2026	13 Journal	5 Conference	2 Book Chapter	1 Patents	Total: 21
2026	7 Journal	2 Conference	2 Book Chapter	0 Patents	Total: 11

Total Publication Details as on date:

97 Journal	25 Conference	12 Book Chapter	8 Patents	Total: 141
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FACULTY

Name of Faculty	Designation	Subject
Dr. Arnab Bandyopadhyay	Associate Professor (HOD)	Mathematics
Prof. (Dr) Gourisankar Panda	Professor	Chemistry
Dr. Jayanta Pal	Associate Professor	Physics
Dr. Santanu Kumar Patra	Assistant Professor	Physics
Prof. Sudip Kumar Gorey	Assistant Professor	Mathematics
Prof. Sukarna Dey Mondal	Assistant Professor	Mathematics
Prof. Sohini Ghosh	Assistant Professor	Economics
Dr. Saurav Ranjan Das	Associate Professor	Chemistry
Dr. Subhashish Pal	Associate Professor	Physics
Dr. Avijit De	Assistant Professor	Mathematics
Dr. Taniya Chakraborty	Assistant Professor	English
Prof. Sreejata Sen Sarma	Assistant Professor	Mathematics
Dr. Sourav Bhattacharya	Assistant Professor	Chemistry
Dr. Kushal Roy	Assistant Professor	Mathematics
Prof. Madhurima Ray Barman	Assistant Professor	Biology
Dr. Abhik Mukherjee	Assistant Professor	English
Dr. Pallabi Maji	Assistant Professor	English
Prof. Dibyendu Sahana	Assistant Professor	English
Dr Dharmadas Mardanya	Assistant Professor	Mathematics
Prof. (Dr) Sandipan Gupta	Professor	Mathematics

Academic & Industry Collaborations

Bridging Education, Innovation & Industry



Dr. B. C. Roy Engineering College (BCREC), Durgapur, strengthens learning, research, innovation, and employability through collaborations with leading industries, academic institutions, and research organizations.

KEY COLLABORATIONS

- ☞ **SAIL – Durgapur Steel Plant:** Industrial visits, practical training, internships, and collaborative projects.
- ☞ **CSIR-CMERI, Durgapur:** Joint research, technical training, innovation projects, and access to advanced facilities.
- ☞ **UltraTech Cement Centre of Excellence:** Industry-oriented training, workshops, and research in sustainable construction materials.
- ☞ **Infosys Limited:** Training and consultancy collaboration.
- ☞ **AEM Technologies:** Certification programs in Linux, Cloud Computing, DevOps, Networking, and soft skills.
- ☞ **Jadavpur University – IC Design & Fabrication Centre:** VLSI, Embedded Systems & IoT training, faculty development, and academic exchange.
- ☞ **Xilinx (USA) & CoreEL Technologies:** Centre of Excellence in VLSI & Embedded Systems for advanced projects, internships, and hands-on learning.

NATIONAL ACADEMIC INITIATIVES

- ☞ **IIT Bombay Spoken Tutorial Nodal Centre:** Free training and certification in programming and software tools.
- ☞ **NPTEL Local Chapter (IITs & IISc):** Access to high-quality online courses, certifications, and advanced learning resources.

RESEARCH & DEVELOPMENT ECOSYSTEM

BCREC's R&D Cell promotes interdisciplinary research, consultancy, innovation, and technology development through modern laboratories, advanced software tools, expert faculty, and active collaboration with industry and research partners.



Industry-Academia Exposure



**Industrial visit to Ultratech
Rajarhat RMC Plant**



Industrial Visit to Satabdi Monolithics Industries Pvt. Ltd., Barjora



**Visit to the Structural Health
Monitoring Laboratory
at National Institute of
Technology**



**Visit to the Structural Health Monitoring
Laboratory at National Institute of Technology**



**Neo Shiksha Samarth Scholarship (2025-26) by Neo
Metaliks Limited**

Summer Internship Participation

(AY 2025-26)

Sl. No.	Company / Organization	No. of Students	Sl. No.	Company / Organization	No. of Students
1	 WBPDCL	12	9	 BSNL Burdwan	22
2	 Chittaranjan Locomotive Works (CLW)	150	10	 Matix Fertilisers, Panagarh	2
3	 Eastern Coalfields Ltd. (ECL)	30	11	 DVC DSTPS, Andal	30
4	 DVC Maithon	26	12	 CDAC AICTE Idea Lab	100
5	 PWD Asansol	4	13	 Jadavpur University	47
6	 Tata Power TPSD	27	14	 Duttcon	9
7	 CTTC Bhubaneswar	43	15	 CMERI	9
8	 NSPCL	11	16	 Celebal Technologies	32



TOTAL STUDENTS PARTICIPATED

554



16 Leading Organizations

Diverse Opportunities

Practical Learning

Stronger Career Tomorrow

Exceptional Placement Legacy



Placement Summary_2026 Batch as on 22-06-2026

Department	Total No. of Students	No. of Plased	Total Offer	No. of Stud. More than 1 Offer	Highest Salary
B. Tech	697	355	459	90	36 LPA
MCA	91	11	15	3	17.22 LPA
M.Tech.	15	1	1	0	4 LPA
TOTAL	803	367	475	93	



Placement Highlights 2025-26

Name	Department	Company Name	Package
Supriyo Maji	CSD	Cyberwissen	36.00 LPA
Tridip Raha	MCA	Federal Bank	17.22 LPA
Nandini Pandey	CSE	Cerify Auditing Solutions Pvt. Ltd.	15.00 LPA
Avishek Mukherjee	CSD	SmartBear Software Pvt. Ltd.	12.19 LPA
Supriyo Maji	CSD	Synconsite (Vincent Lantomasi)	10.80 LPA
Souvik De	AIML	TCS Prime	9.09 LPA
Meraj Hussain	CSE	TCS Prime	9.09 LPA
Shreya Das	MCA	Amazon	9.00 LPA
Piyush Dutta	EE	Planet Spark	7.10 LPA
Vagyashree Roy	CSD	TCS Digital	7.09 LPA
Shubham Kumar	DS	TCS Digital	7.09 LPA
Sreyashi Saha	IT	TCS Digital	7.09 LPA
Toufik Umar Sekh	CSE	TCS Digital	7.09 LPA
Ronak Prasad	CSD	TCS Digital	7.09 LPA
Arpan Seth	CSE	TCS Digital	7.09 LPA
Shibani Giri	IT	TCS Digital	7.09 LPA
Sumit Burnwal	CSE	TCS Digital	7.09 LPA
Yashashvi Dubey	IT	Celebal Technologies	7.00 LPA
Rima Gorai	CSE	Celebal Technologies	7.00 LPA
Dhiman Mahato	CSE	Celebal Technologies	7.00 LPA
Ankita Dutta	CSD	Celebal Technologies	7.00 LPA
Aritra Kesh	CSE	Celebal Technologies	7.00 LPA
Aniket Banerjee	IT	Celebal Technologies	7.00 LPA
Nandini Pandey	CSE	Celebal Technologies	7.00 LPA
Shubhajit Pal	DS	Celebal Technologies	7.00 LPA
Akash Samanta	IT	TCS Digital	7.00 LPA
Suraj Kumar Saw	EE	Anglo Eastern Ship Management (Merchant Navy)	9000 US\$
Shelly Bhattacharjee	IT	Cognizant GenC Next	6.75 LPA
Sudipta Banerjee	ECE	Planet Spark	6.63 LPA
Shubharthi Majumder	ECE	Planet Spark	6.50 LPA
Ashmita Bhattacharjee	ECE	Planet Spark	6.50 LPA
Debjit Mishra	ECE	Planet Spark	6.50 LPA
Aniket Pandey	EE	Planet Spark	6.50 LPA
Nidhi Kumari Hari	EE	Planet Spark	6.50 LPA
Nitesh Thapa	CE	Planet Spark	6.50 LPA
Swagatalakshmi Ghosh	CSD	Planet Spark	6.50 LPA
Disha Rajak	ECE	Planet Spark	6.50 LPA
Sania Sinha	EE	Planet Spark	6.50 LPA
Ritika Sinku	EE	Planet Spark	6.50 LPA
Sujan Paitandy	IT	Planet Spark	6.50 LPA
Mayank Raj	IT	Planet Spark	6.50 LPA
Briti Basu	MCA	Planet Spark	6.50 LPA
Supriyo Maji	CSD	Wayspire	6.00 LPA
Utsab Mitra	CE	JSW Group	6.00 LPA
Souvik Das	ECE	MiniOrange Security Software Pvt. Ltd.	6.00 LPA
Aryan Reddy	CSE	MiniOrange Security Software Pvt. Ltd.	6.00 LPA
Ishika Dey	IT	MiniOrange Security Software Pvt. Ltd.	6.00 LPA
Swagatalakshmi Ghosh	CSD	MiniOrange Security Software Pvt. Ltd.	6.00 LPA
Koustab Mukherjee	IT	MiniOrange Security Software Pvt. Ltd.	6.00 LPA
Priya Rani	CSE	MiniOrange Security Software Pvt. Ltd.	6.00 LPA

Welcome to Life @ BCREC

At Dr. B. C. Roy Engineering College (BCREC), Durgapur, students experience a vibrant campus that blends academic excellence, innovation, research, and holistic development in a safe, technology-enabled environment.



CAMPUS HIGHLIGHTS

- ☛ Safe & secure 24x7 CCTV-surveilled campus
- ☛ Campus-wide high-speed Wi-Fi, smart classrooms & modern infrastructure
- ☛ 80+ advanced laboratories and innovation centres
- ☛ AICTE IDEA Lab (Ranked No. 1 in India), C-DAC Lab, Texas Instruments Innovation Lab & VLSI Research Facilities

HOSTEL & STUDENT SUPPORT

- ☛ Separate hostels for boys & girls (1000+ students)
- ☛ High-speed internet, libraries, hygienic dining & sports facilities
- ☛ Medical Centre in collaboration with Mission Hospital, Durgapur
- ☛ Faculty mentoring, career counselling, psychological support & yoga sessions

SPORTS & CAMPUS LIFE

- ☛ Modern indoor & outdoor sports facilities and gymnasium
- ☛ Technical festivals, hackathons, cultural events, entrepreneurship programmes & leadership activities
- ☛ Air-conditioned auditorium, seminar halls & open-air theatre for academic and cultural events

LIBRARY & LEARNING RESOURCES

- ☛ 1,00,000+ books and learning resources
- ☛ Departmental libraries & Book Bank facility
- ☛ Access to IEEE, Springer Nature, DELNET & NDLI
- ☛ OPAC-enabled digital library with internet access

GREEN & SUSTAINABLE CAMPUS

- ☛ 30 KWp Solar Power Plant
- ☛ Rainwater Harvesting
- ☛ Green Campus & Energy Conservation Initiatives
- ☛ Environmental Awareness Programmes



Boys

- ☛ Satyen Bose Hall of Residence
Mobile- 7908394745
- ☛ Chittaranjan Boys Hostel
Mobile - 7908394747

Girl

- ☛ Mother Teresa Hall of Residence
Mobile - 9333900517
- ☛ Nivedita Girls Hostel
Mobile - 7908394743



A SAFE & INCLUSIVE CAMPUS

BCREC follows a Zero-Tolerance Anti-Ragging Policy and promotes a culture of respect, diversity, and inclusivity, ensuring every student enjoys a secure and supportive learning environment.

Anti-Ragging Help Line - 8389069081

Admission Process

B. TECH ADMISSION

Admissions are conducted through **WBJEE** (West Bengal Joint Entrance Examination) and **JEE-MAIN** (Joint Entrance Examination) by WBJEEB and CBSE, respectively.

Candidates appearing for the **2026 qualifying exam** may sit for **WBJEE-2026 provisionally**, with admission subject to meeting the **eligibility criteria**.

After seat allotment in counselling, candidates must complete further formalities on campus, where they will receive the **Admission Kit, Checklist, and Fee Structure**.

1. Age

Age Requirement

Candidates must be at least 17 years old as of December 31, 2026. A candidate should have been born on or before 31st December 2009.

2. Eligibility Criteria

- ☞ **Must have passed 10+2 with Physics and Mathematics, plus one of Chemistry, Biotechnology, Biology, Computer Science, or Computer Applications. Individual pass marks required in both theory and practical, where applicable.**
- ☞ **Must have obtained at least 45% marks (40% for reserved category) in these three subjects combined.**
- ☞ **Must have passed English in 10+2.**
- ☞ **The qualifying examination board must be recognized by the Central or relevant State Government.**

3. Medical Fitness

Candidates must submit a Medical Certificate from a Registered Medical Practitioner during counseling, confirming physical and mental fitness in the prescribed format provided at that time.

Documents Required for Admission:

Candidates must present the following before the Admission/Selection Committee:

- ☞ Admit Card/Mark Sheet of the qualifying exam showing the date of birth.
- ☞ Admit Card of JEME 2026/JEE (Main) 2026 with Registration No. and Examination Centre.
- ☞ Mark Sheet from the Board/University with subject-wise details (10+2). If unavailable during selection, it must be submitted at admission.
- ☞ Character Certificate from the last attended institution.
- ☞ Discontinuity Certificate, if applicable.
- ☞ Medical Certificate from a Registered Medical Practitioner confirming physical and mental fitness, recent inoculation against typhoid and cholera, and the power of glasses if worn.
- ☞ 8 passport-size photographs.
- ☞ Migration Certificate (for students from Boards/Universities outside West Bengal).
- ☞ AICTE-mandated affidavits (provided by the college) from the candidate and guardian. Additional affidavit required for hostel accommodation.
- ☞ Demand Draft in favor of "Dr. B.C. Roy Engineering College, Durgapur," payable at Durgapur.

B. TECH LATERAL ENTRY SCHEME FOR DIPLOMA HOLDERS

Eligibility Criteria for Application

- ☞ **Citizenship:** Applicant must be a citizen of India.
- ☞ **Age Restriction:**
 - ✓ No upper age limit for Diploma holders in Engineering/Technology/Pharmacy.
 - ✓ For B.Sc. candidates, upper age limit is 27 years as on 31.12.2025.
 - ✓ For Diploma holders in Marine Engineering, the upper age limit is 25 years as on 31.12.2025.
- ☞ **Eligibility Criteria for Admission**
 - ✓ **Diploma holders** must have passed a minimum 3-year or 2-year (Lateral Entry) Diploma with at least 45% marks (40% for reserved category) in any branch of Engineering/Technology as per the AICTE Approval Process Handbook 2024–2027.
 - ✓ **B.Sc. degree holders** must have 45% marks (40% for reserved category) and should have passed 10+2 with Mathematics.
 - ✓ **B. Voc/D. Voc stream candidates** must be in the same or allied sector as defined by AICTE.
 - ✓ (Bridge courses in subjects like Mathematics, Physics, and Engineering Drawing may be offered to bring diverse students to the required level.)

Note: Reserved categories include SC/ST/OBC-A/OBC-B/PwD.

Programme	Duration	Duration
Engineering and Technology (Lateral Entry to Second year)	3 years	Passed Minimum THREE years / TWO years (Lateral Entry) Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved Category) in ANY branch of Engineering and Technology. OR Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% marks in case of candidates belonging to reserved category) and passed 10+2 examination with Mathematics as a Subject. OR Passed B.Voc/3-year D.Voc. Stream in the same or allied Sector. (The Universities will offer suitable bridge courses such as Mathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to achieve desired learning outcomes of the programme)



M. TECH ADMISSION PROCESS

Dr. B.C. Roy Engineering College, Durgapur Admissions to postgraduate engineering courses are through the WBUT PGET Entrance Exam. Both GATE and non-GATE candidates must appear for PGET as per WBUT regulations.

- ☞ Applications must be submitted online at www.makautwb.ac.in.
- ☞ GATE-qualified candidates are eligible for an AICTE scholarship of ₹12,400/month.
- ☞ Selection is based on the MAKAUT PGET Exam followed by counselling.
- ☞ M. Tech students receive a ₹3,000/month scholarship (CSE Only).

Eligibility Criteria for M. Tech Admission

Candidates must have a relevant AICTE-recognized Bachelor's degree in Engineering/Technology or be in the final year of such a program.

Programme	Duration	Duration
M. Tech. (Electronics and Communication Engineering) [ECE]	3 years	Bachelor Degree in Engineering/Technology in ECE/EE/CSE/EIE IT/EE or MCA or appearing in the final year examination of such programmes or M.Sc. or final year M.Sc. Candidates in Electronics/ Physics (with Electronics special) branches are also eligible.
M. Tech. (Computer Science & Engineering) [CSE]		B.E./B. Tech. in CSE/IT or M.Sc. in Computer Science / Computer Applications / Mathematics (with Computer Science Specialisation) or MCA (with BCA or B.Sc. with Mathematics compulsory and any of the others from Statistics, Physics, Electronics or Computer Science)
M. Tech. (Power System) [EE]		B.E./B. Tech. in Electrical Engg., Power Engg., EEE, EIE, ECE
M. Tech. (Mechanical Engineering) [ME]		B.E./B. Tech. in ME / Production Engineering, Power Engineering)

For inquiries, contact Mr. Rajesh Chatterjee, General Manager (Admin) at 0343-2504106 / 2501353 / 9932245570.

MCA ADMISSION PROCESS

Admission to the MCA course is available through:

- ☞ **Entrance Exam:** Candidates must qualify the WB Joint Entrance Examination (JECA) and be recommended by the Board.
- ☞ **Merit-Based Admission:** Direct application via an online form, along with bachelor's degree documents.

The application form is available along with this prospectus.

Completed applications and supporting documents should be submitted to: **Management House, Dr. B.C. Roy Engineering College, Jemua Road, Fuljore, Durgapur - 713206.**

VISIT: <https://www.makautwb.ac.in/>



Programme	Duration	Eligibility Criteria
Computer Application (MCA 1st Year) [MCA]	2 years	Passed any graduation degree (e.g.: B.E./B.Tech./ B.Sc/B.Com./B.A./B. Voc./ BCA etc.,) preferably with Mathematics at 10+2 level or at Graduation level Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination. (for students having no Mathematics background compulsory bridge course will be framed by the respective University/ Institution and additional bridge courses related to computer subjects as per the norms of the concerned University).

Diploma/Under Graduate Engineering Entry level qualification 10+2 level

Programme	Eligibility Criteria
Civil Engineering	Phy, Chem, Maths
Computer Science and Engineering	Phy, Maths
Electrical Engineering	Phy, Maths
Electronics Engineering	Phy, Maths
Mechanical Engineering	Phy, Chem, Maths



Fees Structure B.Tech (2026-2030)

Payment to be made at the time of Admission (Fee as per Courses)

Semester Payment to be made by January / July of Every Year : { for B.Tech CSE / IT / ECE }

	1st Sem Jul 26-Dec 26	2nd Sem Jan 27-Jun 27	3rd Sem Jul 27-Dec 27	4th Sem Jan 28-Jun 28	5th Sem Jul 28-Dec 28	6th Sem Jan 29-Jun 29	7th Sem Jul 29-Dec 29	8th Sem Jan 30-Jun 30
Tuition Fee	60,500=00	60,500=00	60,500=00	60,500=00	60,500=00	60,500=00	60,500=00	60,500=00
Devt. Fee	9,075=00	9,075=00	9,075=00	9,075=00	9,075=00	9,075=00	9,075=00	9,075=00
Examination Fee	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00
Library Fee	750=00	750=00	750=00	750=00	750=00	750=00	750=00	750=00
Student Welfare Fund	500=00	500=00	500=00	500=00	500=00	500=00	500=00	500=00
Training Fee	1500=00	1500=00	1500=00	1500=00	1500=00	1500=00	1500=00	1500=00
Admission Fee	10,000=00	—	—	—	—	—	—	—
Caution Money Refundable	5,000=00	—	—	—	—	—	—	—
MAKAUT Student Dev. Fund	2,200=00	—	—	—	—	—	—	—
MAKAUT Registration Fee	500=00	—	—	—	—	—	—	—
Prospectus with Form	1,000=00	—	—	—	—	—	—	—
MAKAUT Degree Certificate	—	—	—	—	—	—	—	1,000=00
Dress Kit	6,600=00	—	—	—	—	—	—	—
Total (Without Hostel)	99,225=00	73,925=00	73,925=00	73,925=00	73,925=00	73,925=00	73,925=00	74,925=00
Seat Rent	10,000=00	10000=00	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00
Mess Charge	27,500=00	27,500=00	33,000=00	27,500=00	33,000=00	27,500=00	33,000=00	27,500=00
Hostel Caution Money Refundable	2,000=00	—	—	—	—	—	—	—
Total (With Hostel)	1,38,725=00	1,11,425=00	1,16,925=00	1,11,425=00	1,16,925=00	1,11,425=00	1,16,925=00	1,12,425=00

Semester Payment to be made by January / July of Every Year : { for B.Tech EE/CSE(AIML)/CSE (DS)/CSE(CS)}

	1st Sem Jul 26-Dec 26	2nd Sem Jan 27-Jun 27	3rd Sem Jul 27-Dec 27	4th Sem Jan 28-Jun 28	5th Sem Jul 28-Dec 28	6th Sem Jan 29-Jun 29	7th Sem Jul 29-Dec 29	8th Sem Jan 30-Jun 30
Tuition Fee	55,000=00	55,000=00	55,000=00	55,000=00	55,000=00	55,000=00	55,000=00	55,000=00
Devt. Fee	8,250=00	8,250=00	8,250=00	8,250=00	8,250=00	8,250=00	8,250=00	8,250=00
Examination Fee	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00
Library Fee	750=00	750=00	750=00	750=00	750=00	750=00	750=00	750=00
Student Welfare Fund	500=00	500=00	500=00	500=00	500=00	500=00	500=00	500=00
Training Fee	1500=00	1500=00	1500=00	1500=00	1500=00	1500=00	1500=00	1500=00
Admission Fee	10,000=00	—	—	—	—	—	—	—
Caution Money Refundable	5,000=00	—	—	—	—	—	—	—
MAKAUT Student Dev. Fund	2,200=00	—	—	—	—	—	—	—
MAKAUT Registration Fee	500=00	—	—	—	—	—	—	—
Prospectus with Form	1,000=00	—	—	—	—	—	—	—
MAKAUT Degree Certificate	—	—	—	—	—	—	—	1,000=00
Dress Kit	6,600=00	—	—	—	—	—	—	—
Total (Without Hostel)	92,900=00	67,600=00	67,600=00	67,600=00	67,600=00	67,600=00	67,600=00	68,600=00
Seat Rent	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00
Mess Charge	27,500=00	27,500=00	33,000=00	27,500=00	33,000=00	27,500=00	33,000=00	27,500=00
Hostel Caution Money Refundable	2,000=00	—	—	—	—	—	—	—
Total (With Hostel)	1,32,400=00	1,05,100=00	1,10,600=00	1,05,100=00	1,10,600=00	1,05,100=00	1,10,600=00	1,06,100=00

The entire above amount of Rs. 1,38,725=00 or 1,32,400=00 with hostel and Rs. 99,225=00 or 92,900=00 without hostel has to be paid at the time of admission by **Demand Draft** favouring **“Dr. B.C. Roy Engineering College, Durgapur”**. on any nationalized Bank payable at Durgapur. Or Pay by Debit / Credit Card Swiping.

Fees Structure B.Tech (2026-2030) cont...

Semester Payment to be made by January / July of Every Year : { for B.Tech CE/ME}

	1st Sem Jul 26-Dec 26	2nd Sem Jan 27-Jun 27	3rd Sem Jul 27-Dec 27	4th Sem Jan 28-Jun 28	5th Sem Jul 28-Dec 28	6th Sem Jan 29-Jun 29	7th Sem Jul 29-Dec 29	8th Sem Jan 30-Jun 30
Tuition Fee	41,250=00	41,250=00	41,250=00	41,250=00	41,250=00	41,250=00	41,250=00	41,250=00
Devt. Fee	8,250=00	8,250=00	8,250=00	8,250=00	8,250=00	8,250=00	8,250=00	8,250=00
Examination Fee	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00
Library Fee	750=00	750=00	750=00	750=00	750=00	750=00	750=00	750=00
Student Welfare Fund	500=00	500=00	500=00	500=00	500=00	500=00	500=00	500=00
Training Fee	1500=00	1500=00	1500=00	1500=00	1500=00	1500=00	1500=00	1500=00
Admission Fee	10,000=00	–	–	–	–	–	–	–
Caution Money Refundable	5,000=00	–	–	–	–	–	–	–
MAKAUT Student Dev. Fund	2,200=00	–	–	–	–	–	–	–
MAKAUT Registration Fee	500=00	–	–	–	–	–	–	–
Prospectus with Form	1,000=00	–	–	–	–	–	–	–
MAKAUT Degree Certificate	–	–	–	–	–	–	–	1,000=00
Dress Kit	6,600=00	–	–	–	–	–	–	–
Total (Without Hostel)	79,150=00	53,850=00	53,850=00	53,850=00	53,850=00	53,850=00	53,850=00	54,850=00
Seat Rent	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00
Mess Charge	27,500=00	27,500=00	33,000=00	27,500=00	33,000=00	27,500=00	33,000=00	27,500=00
Hostel Caution Money Refundable	2,000=00	–	–	–	–	–	–	–
Total (With Hostel)	1,18,650=00	91,350=00	96,850=00	91,350=00	96,850=00	91,350=00	96,850=00	92,350=00

The entire above amount of Rs. 1,18,650=00 with hostel and Rs. 79,150=00 without hostel has to be paid at the time of admission by **Demand Draft** favouring **“Dr. B.C. Roy Engineering College, Durgapur”**, on any nationalized Bank payable at Durgapur. Or Pay by Debit / Credit Card Swiping.

1. (a) #Tuition Fee For 1st / 2nd / 3rd / 4th Year Rs.1,10,000=00 / 1,21,000=00 / 82,000=00 P. A.
- (b) Development Fee For 1st / 2nd / 3rd / 4th Year Rs. 16,500=00 / 18,150=00 P. A.
[To be paid in January and July in two equal installments]
- (c) Total Caution Deposit (one time) Rs. 12,000=00 with hostel facility
[Refundable] Rs. 10,000=00 without hostel facility
2. Library Fee Rs. 1,500=00
[To be paid in January and July in two equal installments, every year]
3. University Registration Fee (one time) : To be fixed by MAKAUT (at present Rs. 500/-)
4. *Hostel Fee (Semester wise) :
i) Seat Rent Rs. 10,000=00
ii) Monthly Mess Charge Rs. 5,500=00 P.M.
5. University Examination Fee Per Semester : To be fixed by University (At present Rs.1600/-)
6. MAKAUT Student Development Fund Rs. 2,200=00 (One Time)
7. College Students Welfare Fund Rs. 1,000=00 per year
8. MAKAUT Degree Certificate Rs. 1,000=00

Fee Structure is subject to change from time to time as per Govt. decision.

* Seat Rent, Mess Charge and Other Amenities are also subject to change but will remain fixed for a two semester period.

****All payments should be made within Jan/July of the corresponding year, otherwise fine will imposed as given below :**

Semester Fee paid by the month of January / July	FINE = NO FINE
Semester Fee paid between February / August	= 500/-
Semester Fee paid by the month of March / September	= 1000/-
Semester Fee paid by the month of April / October	= 3000/-
Semester Fee paid by the month of May / November before Exam Form Fillup	= 5000/-

* Pay Fee by - Demand Draft / Debit / Credit Card Swiping.

Excluding Bank / Govt. Holidays

No Payment by Cheque will be accepted.

Fees Structure B. Tech Lateral

Payment to be made at the time of Admission (3rd Semester Fee as per Courses)
Semester Payment to be made by January / July of Every Year : { for B.Tech CSE Courses}

	3rd Sem Jul 26-Dec 26	4th Sem Jan 27-Jun 27	5th Sem Jul 27-Dec 27	6th Sem Jan 28-Jun 28	7th Sem Jul 28-Dec 28	8th Sem Jan 29-Jun 29
Tuition Fee	60,500=00	60,500=00	60,500=00	60,500=00	60,500=00	60,500=00
Devt. Fee	9,075=00	9,075=00	9,075=00	9,075=00	9,075=00	9,075=00
Examination Fee	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00
Library Fee	750=00	750=00	750=00	750=00	750=00	750=00
Student Welfare Fund	500=00	500=00	500=00	500=00	500=00	500=00
Training Fee	500=00	500=00	500=00	500=00	500=00	500=00
Admission Fee	10,000=00	—	—	—	—	—
Caution Money Refundable	5,000=00	—	—	—	—	—
MAKAUT Student Dev. Fund	1,650=00	—	—	—	—	—
MAKAUT Registration Fee	500=00	—	—	—	—	—
MAKAUT Degree Certificate	—	—	—	—	—	1,000=00
Prospectus with Form	1,000=00	—	—	—	—	—
Dress Kit	6,600=00	—	—	—	—	—
Total (Without Hostel)	97,675=00	72,925=00	72,925=00	72,925=00	72,925=00	73,925=00
Seat Rent	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00
Mess Charge	27,500=00	27,500=00	33,000=00	27,500=00	33,000=00	27,500=00
Hostel Caution Money Refundable	2,000=00	—	—	—	—	—
Total (With Hostel)	1,37,175=00	1,10,625=00	1,16,125=00	1,10,625=00	1,16,125=00	1,11,625=00

Semester Payment to be made by January / July of Every Year : { for B.Tech IT / CSE(AIML) / CSE (DS) / ECE Courses}

	3rd Sem Jul 26-Dec 26	4th Sem Jan 27-Jun 27	5th Sem Jul 27-Dec 27	6th Sem Jan 28-Jun 28	7th Sem Jul 28-Dec 28	8th Sem Jan 29-Jun 29
Tuition Fee	55,000=00	55,000=00	55,000=00	55,000=00	55,000=00	55,000=00
Devt. ee	8,250=00	8,250=00	8,250=00	8,250=00	8,250=00	8,250=00
Examination Fee	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00
Library Fee	750=00	750=00	750=00	750=00	750=00	750=00
Student Welfare Fund	500=00	500=00	500=00	500=00	500=00	500=00
Training Fee	500=00	500=00	500=00	500=00	500=00	500=00
Admission Fee	10,000=00	—	—	—	—	—
Caution Money Refundable	5,000=00	—	—	—	—	—
MAKAUT Student Dev. Fund	1,650=00	—	—	—	—	—
MAKAUT Registration Fee	500=00	—	—	—	—	—
MAKAUT Degree Certificate	—	—	—	—	—	1,000=00
Prospectus with Form	1,000=00	—	—	—	—	—
Dress Kit	6,600=00	—	—	—	—	—
Total (Without Hostel)	91,350=00	66,600=00	68,600=00	66,600=00	66,600=00	67,600=00
Seat Rent	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00
Mess Charge	27,500=00	27,500=00	33,000=00	27,500=00	33,000=00	27,500=00
Hostel Caution Money Refundable	2,000=00	—	—	—	—	—
Total (With Hostel)	1,30,850=00	1,04,100=00	1,11,600=00	1,04,100=00	1,09,600=00	1,05,100=00

Fees Structure B.Tech Lateral cont...

Semester Payment to be made by January / July of Every Year : { for B.Tech ME / CE / EE / CSD / CSE (CS) Courses}

	3rd Sem Jul 26-Dec 26	4th Sem Jan 27-Jun 27	5th Sem Jul 27-Dec 27	6th Sem Jan 28-Jun 28	7th Sem Jul 28-Dec 28	8th Sem Jan 29-Jun 29
Tuition Fee	27,500=00	27,500=00	27,500=00	27,500=00	27,500=00	27,500=00
Devt. Fee	4,125=00	4,125=00	4,125=00	4,125=00	4,125=00	4,125=00
Examination Fee	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00	1,600=00
Library Fee	750=00	750=00	750=00	750=00	750=00	750=00
Student Welfare Fund	500=00	500=00	500=00	500=00	500=00	500=00
Training Fee	500=00	500=00	500=00	500=00	500=00	500=00
Admission Fee	10,000=00	--	--	--	--	--
Caution Money Refundable	5,000=00	--	--	--	--	--
MAKAUT Student Dev. Fund	1,650=00	--	--	--	--	--
MAKAUT Registration Fee	500=00	--	--	--	--	--
MAKAUT Degree Certificate	--	--	--	--	--	1,000=00
Prospectus with Form	1,000=00	--	--	--	--	--
Dress Kit	6,600=00	--	--	--	--	--
Total (Without Hostel)	59,725=00	34,975=00	34,975=00	34,975=00	34,975=00	35,975=00
Seat Rent	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00	10,000=00
Mess Charge	27,500=00	27,500=00	33,000=00	27,500=00	33,000=00	27,500=00
Hostel Caution Money Refundable	2,000=00	--	--	--	--	--
Total (With Hostel)	99,225=00	72,475=00	77,475=00	72,475=00	77,475=00	73,475=00

The entire above amount of Rs. 1,37,175=00 or 1,30,850=00 or Rs. 99,225=00 with hostel and Rs. 97,675=00 or 91,350=00 or Rs. 59,725 without hostel has to be paid at the time of admission by **Demand Draft** favouring "**Dr. B.C. Roy Engineering College, Durgapur**". on any nationalized Bank payable at Durgapur. Or Pay by Debit / Credit Card Swiping.

1. (a) #Tuition and Development Fee For 2nd YearRs. 1,21,000=00 / 1,10,000=00 / 66,000=00
For 3rd Year /For 4th Year

Dev. Fee Rs. 18,150=00 / 16,500=00 / 9,900=00

[To be paid in January and July in two equal installments]

- (b) Total Caution Deposit (one time) Rs. 7,000=00 with hostel facility
[Refundable] Rs. 5,000=00 without hostel facility

2. Library Fee Rs. 1,500=00

[To be paid in January and July in two equal installments, every year]

3. University Registration Fee (one time) : To be fixed by MAKAUT (at present Rs. 500/-)

4. Hostel Fee (Semester wise) :

i) Seat Rent Rs. 10,000=00

ii) Monthly Mess Charge Rs. 5,500=00 P.M.

5. University Examination Fee Per Semester : To be fixed by UNIVERSITY (At present Rs.1600/-)

6. MAKAUT Student Development Fund Rs. 1,650=00 (One Time)

7. College Students Welfare Fund Rs. 1,000=00 per year

8. Dess Kit Rs. 6,400=00

9. MAKAUT Degree Certificate Rs. 1,000=00

#Fee Structure is subject to change from time to time as per Govt. decision.

* Seat Rent, Mess Charge and Other Amenities are also subject to change but will remain fixed for a two semester period.

****All payments should be made within Jan/July of the corresponding year, otherwise fine will imposed as given below :**

Semester Fee paid by the month of January / July

Semester Fee paid between February / August

Semester Fee paid by the month of March /September

Semester Fee paid by the month of April / October

Semester Fee paid by the month of May / November **before Exam Form Fillup**

FINE	
= NOFINE	
= 500/-	
= 1000/-	
= 3000/-	
= 5000/-	

Excluding Bank / Govt. Holidays

*** Pay Fee by - Demand Draft / Debit / Credit Card Swiping.**

No Payment by Cheque will be accepted.

Fees Structure M. Tech

Payment to be made at the time of Admission (Fee as per Courses)

Semester Payment to be made by January / July of Every Year : { for M.Tech CSE }

	1st Sem Jul 26-Dec 26	2nd Sem Jan 27-Jun 27	3rd Sem Jul 27-Dec 27	4th Sem Jan28-Jun 28
Tuition Fee	50,000=00	50,000=00	50,000=00	50,000=00
Examination Fee	1,600=00	1,600=00	1,600=00	1,600=00
Library Fee	1,000=00	1,000=00	1,000=00	1,000=00
Student Welfare Fund	1,000=00	1,000=00	1,000=00	1,000=00
Admission Fee	5,000=00	--	--	--
Caution Money Refundable	5,000=00	--	--	--
MAKAUT Student Dev. Fund	1,100=00	--	--	--
MAKAUT Registration Fee	500=00	--	--	--
MAKAUT Degree Certificate	--	--	--	1000=00
Prospectus with Form	1,000=00	--	--	--
Total (Without Hostel)	66,200=00	53,600=00	53,600=00	54,600=00
Seat Rent	10,000=00	10000=00	10,000=00	10,000=00
Mess Charge	27,500=00	27,500=00	33,000=00	27,500=00
Hostel Caution Money Refundable	2,000=00	--	--	--
Total (With Hostel)	1,05,700=00	91,100=00	96,600=00	92,100=00

Semester Payment to be made by January / July of Every Year : { for M.Tech ECE/ME/PS/CE }

	1st Sem Jul 26-Dec 26	2nd Sem Jan 27-Jun 27	3rd Sem Jul 27-Dec 27	4th Sem Jan28-Jun 28
Tuition Fee	25,000=00	25,000=00	25,000=00	25,000=00
Examination Fee	1,600=00	1,600=00	1,600=00	1,600=00
Library Fee	1,000=00	1,000=00	1,000=00	1,000=00
Student Welfare Fund	1,000=00	1,000=00	1,000=00	1,000=00
Admission Fee	5,000=00	--	--	--
Caution Money Refundable	5,000=00	--	--	--
MAKAUT Student Dev. Fund	1,100=00	--	--	--
MAKAUT Registration Fee	500=00	--	--	--
MAKAUT Degree Certificate	--	--	--	1000=00
Prospectus with Form	1,000=00	--	--	--
Total (Without Hostel)	41,200=00	28,600=00	28,600=00	29,600=00
Seat Rent	10,000=00	10000=00	10,000=00	10,000=00
Mess Charge	27,500=00	27,500=00	33,000=00	27,500=00
Hostel Caution Money Refundable	2,000=00	--	--	--
Total (With Hostel)	80,700=00	66,100=00	71,600=00	67,100=00

The entire above amount of Rs. 1,05,700=00 or 80,700=00 with hostel and Rs. 66,200=00 or 41,200=00 without hostel has to be paid at the time of admission by **Demand Draft** favouring **“Dr. B.C. Roy Engineering College, Durgapur”**. on any nationalized Bank payable at Durgapur. Or Pay by Debit / Credit Card Swiping.

Fees Structure M.Tech cont...

1. (a) #Tuition Fee For 1st / 2nd Year .[To be paid in January and July in two equal installments]	Rs.	50,000=00 / 25,000=00	P. A.
(b) Total Caution Deposit (one time) [Refundable]	Rs.	5,000=00	with hostel facility
	Rs.	7,000=00	without hostel facility
2. Library Fee [To be paid in January and July in two equal installments, every year]	Rs.	2,000=00	
3. University Registration Fee (one time) :	To be fixed by MAKAUT (at present Rs. 500/-)		
4. *Hostel Fee (Semester wise) :			
i) Seat Rent	Rs.	10,000=00	
ii) Monthly Mess Charge	Rs.	5,500=00	P.M.
5. University Examination Fee Per Semester :	To be fixed by MAKAUT (At present Rs.1600/-)		
6. MAKAUT Student Development Fund	Rs.	1,100=00	(One Time)
7. College Students Welfare Fund	Rs.	2,000=00	per year
8. MAKAUT Degree Certificate	Rs.	1,000=00	per year

Fee Structure is subject to change from time to time as per Govt. decision.

* Seat Rent, Mess Charge and Other Amenities are also subject to change but will remain fixed for a two semester period.

****All payments should be made within Jan/July of the corresponding year, otherwise fine will imposed as given below :**

*****Direct Admitted Student may have to pay Rs. 600/- at MAKAUT Web Portal**

Semester Fee paid by the month of January / July	=	FINE NO FINE
Semester Fee paid between February / August	=	500/-
Semester Fee paid by the month of March /September	=	1000/-
Semester Fee paid by the month of April / October	=	3000/-
Semester Fee paid by the month of May / November before Exam Form Fillup	=	5000/-
<i>Excluding Bank / Govt. Holidays</i>		

*** Pay Fee by - Demand Draft / Debit / Credit Card Swiping.**

No Payment by Cheque will be accepted.



Fees Structure MCA

1. (a) Tuition and Development Fee per year [To be paid in January and July in two equal installments]	Rs. 90,000=00	
(b) Total Caution Deposit (one time) [Refundable]	Rs. 7,000=00 with hostel facility Rs. 5,000=00 without hostel facility	
2. Library Fee [To be paid in January and July in two equal installments, every year]	Rs. 2,000=00	
3. University Registration Fee (one time) :	To be fixed by MAKAUT (at present Rs. 500/-)	
4. Hostel Fee (Semester wise) :		
i) Seat Rent	Rs. 10,000=00	
ii) Monthly Mess Charge	Rs. 5,500=00 P.M.	
5. University Examination Fee Per Semester :	To be fixed by MAKAUT (At present Rs.1600/-)	
6. MAKAUT Student Development Fund	Rs. 1,100=00 (One Time)	
7. College Students Welfare Fund	Rs. 2,000=00 per year	
8. MAKAUT Degree Certificate	Rs. 1,000=00 per year	

*** Fee Structure is subject to change from time to time as per Govt. decision.**

* Seat Rent, Mess Charge and Other Amenities are also subject to change but will remain fixed for a two semester period.

Payment to be made at the time of Admission :

	With Hostel	Without Hostel
i) Admission Fee	Rs. 5,000=00	Rs. 5,000=00
ii) College Fee (6months)	Rs. 45,000=00	Rs. 45,000=00
iii) Library Fee	Rs. 1,000=00	Rs. 1,000=00
iv) Total Caution Money (Refundable)	Rs. 7,000=00	Rs. 5,000=00
v) Seat Rent (6months)	Rs. 10,000=00	—
vi) Mess Charge (6months)	Rs. 27,500=00	—
vii) Registration Fee (One time)	Rs. 500=00	Rs. 500=00
viii) Student Welfare Fund	Rs. 1,000=00	Rs. 1,000=00
ix) MAKAUT Student Development Fund	Rs. 1,100=00	Rs. 1,100=00
x) Examination Charge of MAKAUT	Rs. 1,600=00	Rs. 1,600=00
xi) Prospectus with Form	Rs. 1,000=00	Rs. 1,000=00
xii) Dress Kit	Rs. 6,600=00	Rs. 6,600=00
	Rs. 1,07,300=00	Rs. 67,800=00

The entire above amount of Rs. 1,07,300=00 for with hostel and Rs. 67,800=00 for without hostel has to be paid at the time of admission by **Demand Draft** favouring "**Dr. B.C. Roy Engineering College, Durgapur**". on any nationalized Bank payable at Durgapur. Or Pay by Debit / Credit Card Swiping.

Fees Structure MCA cont...

Payment to be made at the start of Second Semester and each subsequent Semester * :

	2nd Sem. Jan'27 - June'27	3rd Sem. July'27- Dec'27	4th Sem. Jan'28 - June'28
Tuition Fee	45,000=00	45,000=00	45,000=00
Examination Fee	1600=00	1600=00	1600=00
Library Fee	1000=00	1000=00	1000=00
College Student Welfare Fund	1000=00	1000=00	1000=00
Training Fee	-	2000=00	-
MAKAUT Degree Certificate	-	-	1000=00
Total (Without Hostel)	48,600=00	50,600=00	49,600=00
Seat Rent	10,000=00	10,000=00	10,000=00
Mess Charge	27,500=00	33,000=00	27,500=00
TOTAL (With Hostel)	86,100=00	93,600=00	87,100=00

****All payments should be made within Jan/July of the corresponding year, otherwise fine will imposed as given below :**

	FINE
Semester Fee paid by the month of January / July	= NO FINE
Semester Fee paid between February / August	= 500/-
Semester Fee paid by the month of March /September	= 1000/-
Semester Fee paid by the month of April / October	= 3000/-
Semester Fee paid by the month of May / November before Exam Form Fillup	= 5000/-

Excluding Bank / Govt. Holidays

BOYS & GIRLS (DRESS KIT) - CHOICE - A

1. Trouser (Raymonds)	2 Sets	@ Rs. 1000/=	Rs. 2,000=00
2. Full Sleeve Shirt (Arvind)	2 Sets.	@ Rs. 850/=	Rs. 1,700=00
3. Blazer (Raymonds)	1 Pc.	@ Rs. 2,450/=	Rs. 2,450=00
4. Tie & Emblem	1 Set.	@ Rs. 250/=	Rs. 250=00
5. White Cotton Socks	2 Sets.	@ Rs. 100/=	Rs. 200=00

Total Rs. 6600=00

GIRLS (DRESS KIT) - CHOICE - B

1. Sal War Suit (Arvind)	2 Sets	@ Rs. 1,625/=	Rs. 3,250=00
2. Veil (Dopatta)	2 Sets.	@ Rs. 225/=	Rs. 450=00
3. Blazer (Raymonds)	1 Pc.	@ Rs. 2,450/=	Rs. 2,450=00
4. Tie & Emblem	1 Set.	@ Rs. 250/=	Rs. 250=00
5. White Cotton Socks	2 Sets.	@ Rs. 100/=	Rs. 200=00

Total Rs. 6600=00

Event & Celebrationss



Silver Jubilee Celebration (2000- 2025)

Sonam Wangchuk & Arup Raha

Dr. B. C. Roy Engineering College, Durgapur, hosted the concluding program of its yearlong Silver Jubilee Celebrations on 20th August 2025 at Srijani Auditorium, Durgapur. The event marked the culmination of a year filled with achievements, reflections and celebrations commemorating the institution's 25 years of excellence in technical education.



EduSaksham 2025

Dr. B. C. Roy Engineering College organized a grand Education Conclave "**EduSaksham 2025**" as a part of its yearlong Silver Jubilee celebrations on 4th August, 2025 at Bipin Chandra Pal Hall of Srijani, Durgapur. The theme of the event was "Bridging the Knowledge and Innovation", aiming to enrich inquisitive young minds and promote educational growth of the school students.



CIACON 2025

The Department of Computer Science and Engineering of Dr. B. C. Roy Engineering College (BCREC), Durgapur, hosts **CIACON 2025** – International Conference on Computing, Intelligence and Application. The conference was inaugurated on 18th July 2025 at the Dulal Mitra Auditorium, BCREC

HORIZON 2K26

Dr. B. C. Roy Engineering College (BCREC), Durgapur, is organizing its Annual Two-Day Technical Fest "**HORIZON 2K26**" on 10th and 11th February 2026.



Rabindra Jayanti

Celebration at Our College Campus

Dr. B. C. Roy Engineering College Celebrated **National Youth Day** and 163rd Birth Anniversary of Swami Vivekananda with the installation of a statue of Swamiji in its campus



Dr. B. C. Roy Engineering College (BCREC), Durgapur, commemorated National Youth Day establishing a statue of Swami Vivekananda. The Statue was inaugurated by Swami Stavapriyananda Maharaj, Secretary, Ramakrishna Mission Ashrama, Ramharipur, Bankura.



Independence Day Celebration



Intra-College Competition

Intra-College Debate Competition at Dr. B. C. Roy Engineering College

Republic Day Celebration



ZEAL 2K26

ZEAL 2K26, the grand cultural fest of D. B. C. Roy Engineering College



Blood Danation Camp

Blood Donation Camp organized by The Induction Team and NSS Unit of Dr. B. C. Roy Engineering College, Durgapur in association with The Mission Hospital.



FRESHERS' WELCOME 2025

Student Discipline, Conduct & Campus Regulations

Commitment to Responsible Conduct

Students of Dr. B. C. Roy Engineering College are expected to uphold the highest standards of discipline, integrity, and responsible behaviour throughout their academic journey. Every student is required to abide by the College Rules, Regulations, and Standing Orders applicable within the campus, hostels, and all institutional activities.

Any act of misconduct, indiscipline, or behaviour detrimental

to the reputation, safety, or harmony of the institution—whether on campus, within the Halls of Residence, or outside the college premises—may invite disciplinary action, including suspension or expulsion from the institution.

At the time of admission, both students and their parents/guardians are required to sign an undertaking confirming their acceptance of the College's rules and regulations.

Attendance & Academic Requirements

Regular attendance is essential for academic success and professional development. As prescribed by MAKAUT regulations, students must maintain a minimum of 75% attendance separately in both theory and practical classes.

Students failing to meet the prescribed attendance requirement shall not be eligible to appear in the semester-end examinations and may face other academic consequences as stipulated by the University and the Institute.

Academic Integrity & Examination Conduct

BCREC places the highest value on honesty, fairness, and ethical academic practices. Any form of academic misconduct, including but not limited to:

- ☞ Cheating during examinations
- ☞ Impersonation
- ☞ Plagiarism
- ☞ Unauthorized assistance
- ☞ Tampering with examination processes
- ☞ Misconduct related to projects, assignments, assessments, or evaluations is strictly prohibited and shall attract disciplinary and academic penalties as per institutional and university regulations.

Protection of Institutional Property

Students are expected to preserve and protect all college and hostel facilities. Any damage to institutional property resulting from negligence, vandalism, demonstrations, or unlawful activities shall be recoverable from the individuals responsible.

In cases where specific individuals cannot be identified, the Institute reserves the right to impose a collective fine on the concerned group, hostel, or student body, as deemed appropriate by the authorities.



Anti-Ragging Policy

Zero Tolerance towards Ragging

Dr. B. C. Roy Engineering College maintains a strict Zero-Tolerance Policy towards ragging and is committed to providing a safe, inclusive, and respectful learning environment for every student.

In accordance with the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions (2009), ragging includes any act that causes physical, psychological, emotional, or social harm to a student, including harassment, intimidation, bullying, humiliation, exclusion, or discrimination based on caste, religion, ethnicity, gender, nationality, language, region, appearance, economic status, or any other identity.

Ragging in any form—whether within the campus, hostels, transportation facilities, or outside the campus—is strictly prohibited and punishable under applicable laws and

institutional regulations.

Any student found guilty of ragging shall face severe disciplinary action, which may include:

- ☞ Suspension from classes
- ☞ Debarment from examinations
- ☞ Cancellation of admission
- ☞ Expulsion from the institution
- ☞ Legal proceedings under the provisions of law

The decision of the Chairman of the Anti-Ragging Committee, based on the findings and recommendations of the Committee, shall be final and binding.

BCREC remains steadfast in fostering a culture of mutual respect, dignity, and camaraderie where every student can learn and grow without fear or intimidation.



College Anti Ragging Helpline : 8389069081 , Email: bcrec.antiragging@bcrec.ac.in

UGC Anti Ragging Helpline: 1800-180-5522,

State Anti Ragging Helpline(WB): 1800-345-5678

Dress Code for Boys

Promoting Professionalism, Discipline and Institutional Pride

A professional appearance contributes significantly to discipline, unity, and the development of workplace readiness. To maintain a consistent and professional campus culture, all students are required to adhere to the prescribed Dress Code and carry their College Identity Card at all times while on campus.

Students not complying with the prescribed dress code or failing to carry a valid Identity Card may be denied entry to classrooms, laboratories, examination halls, and other institutional facilities.

To ensure uniformity in colour, quality, and specifications, students may procure their uniforms from the authorized vendor approved by the Institute. Students choosing to source uniforms independently must ensure strict conformity with the prescribed college specifications.

Dress Code for Boys

Uniform

- ☞ Grey trousers
- ☞ Off-white (light cream) formal shirt
- ☞ College tie bearing the institutional emblem

Footwear

- ☞ Black formal shoes
- ☞ White socks

The prescribed attire reflects the values of discipline, professionalism, and academic excellence.

Dress Code for Girls

Standard Uniform

- ☞ Grey skirt
- ☞ Off-white (light cream) shirt
- ☞ College tie bearing the institutional emblem
- ☞ Black formal shoes
- ☞ White socks

Alternative Uniform

- ☞ Grey salwar (Churidar) with off-white (light cream)

Kameez

Winter Uniform (November – February)

- ☞ Navy blue blazer (mandatory for all students)
- ☞ Students wearing salwar-kameez may alternatively wear a navy blue cardigan

Accessories

- ☞ Official college tie and metal emblem will be issued to students during admission at a nominal cost.

The uniform serves as a symbol of institutional identity, equality, discipline, and professionalism, preparing students for successful careers in industry and society.



Important Officials

Prof. (Dr.) Sanjay S. Pawar

Principal

Prof. (Dr.) Khondekar Mofazzal Hossain

Vice Principal

Prof (Dr.) G. S. Panda – Registrar

Mr. Rajesh Chatterjee – General Manager (Admin)

Mr. U.K Sharma – Sr. Manager (C.A & Estate)

Indranil Sengupta – Sr. System Administrator

Kaushik Debnath – Civil Engineer

Sumantra Banerjee – Asst. Registrar

Susmita Maitra – P.S to Principal

Sreeparna Bhattacharya – Sr. Executive

Suman Das – Sr. Executive

Biplab Paul – Supervisor

Sukanta Mukherjee – Supervisor

Rupak kr Ghosh – Supervisor

Shymapada Chakraborty – Sr. Caretaker

Madhusudan Giri – Office Assistant

Bivas Roy - Executive Assistant

Mintu Das - Asst. Telephone Mechanic

Ajit Kumar Gangopadhyay - Language Counsellor

Tapan Kumar Goswami - Language Counsellor

Ashis Chatterjee - Priest

Binay Nayak - Attendant

Basudeb Chakraborty- Attendant

Mamata Bera - Attendant

Lalit Nayak - Attendant

Dharmadas Konar - Attendant

Supriyo Chatterjee -Attendant

Asit Kr. Ghosh - Attendant

Chayan Mukherjee - Office Assistant

Kartik Ch. Garai - Driver

Jogendra Prasad - Driver

Sagar Ruidas - Attendant

Krishan Bagdi - Attendant

Sougata Ghosh Datta- Office Assistant

Debashish Paramanik - Office Assistant

Kajal Ganguly - Attendant

Md. Saidur Rahman - Sr. Electrician

Bhagwan Sharma - Helper Electrician

Sanjay Kr Sharma - Carpenter

Goutam Bose - Attendant

Department of Training & Placement

City Resident Office, Kolkata

Mr. Bipul Chanda, Sr. Training & Placement Officer

Mr. Arijit Bose, Sr. Training & Placement Officer

Mr. Amit Mukherjee, Asst. Prof.,
Training & Placement Officer

Mr. Ayan Sengupta, Sr. Executive –CRO Kolkata

Mr. Debasish Chakraborty- Attendant

Durgapur Campus (T & P)

Prof. Prabal Kumar Sahu, Asst. Prof. (IT),
In-Charge (T&P Campus)

Prof. Pranoy Roy, Asst. Prof. (CE),
Deputy In-Charge (T&P Campus)

Prof. Siddhartha Bhowmick, Asst. Prof. (ME), Member

Prof. (Dr.) Ritu Rani De Maity, Asst. Prof. (EE), Member

Prof. Joyjit Patra, Asst. Prof. (CSE), Member

Prof. Rajib Kumar Mondal, Asst. Prof. (CSE,) Member

Mrs. Firdausi Sayed, Sr. Executive (Placement)

Mr. Suman Das, Sr. Executive (Training)

Mr. Ayan Singha, STA, Lab In-Charge (T&P)

Mr. Samrat Samanta, TA, Lab In-Charge (T&P)

Mr. Deepraj Mondal, Manager (T & P)

Department of Public Relations

Rudraprasad Mukherjee – Manager – PR

Soumitra Goswami – Sr. Executive – PR

Anatra Basu Roy – Sr. Executive – PR

Rajsekhar Mukherjee – Sr. Executive – PR

Research & Development Cell

Dr. Dola Sinha, Convenor

Important Officials

Finance

Ravi Sharma - Chief Finance Officer
Pijush Kanti Ghosh - Manager Finance
Pranab Karmakar - Sr. Accounts Officer
Santanu Mitra - Sr. Accounts Officer

Central Library

Dr. Susanta Koley - Librarian
Abir Sengupta - Dy. Librarian
Judhajit Jash - Jr. Librarian
Ashis Kr. Karmakar- Jr. Librarian
Rana Mukhopadhyay - Jr. Librarian
Soma Ghoshal - Jr. Librarian

Ashis Bhattacharya - Library assistant
Indrani Banerjee - Library Assistant
Kunal Chakraborty - Jr. Librarian

Exam Cell

Dr. Subhasis Pal - COE
Dr. Falguni Chakraborty - Dy COE
Sanjit Das - Sr. Executive
Shankar Bhattacharya - Supervisor

Campus Administration

Goutam Chakraborty - Campus Administrator
Soma Roy - Matron Girls Hostel
Sardar Ali Shaikh - Warden Boys Hostel
Sanchita Tantubay - Matron Girls Hostel
Ramesh Chandra Tarafdar -Warden -Boys Hostel

Technical Support Staff

Argha Bhattacharya, SA
Arup Ghosh, TA ME
Pranab Kr. Sinha, OPC
Surajit Banerjee, Sr. TA ME
Satyajit Das, WS Instructor (ME)
Bappaditya Chandra, CSE
Samir Saha, WS Instructor
Indranil Bhattacharya, Sr. TA CSE
Lakshmi Kanta Paul, Sr. TA ME
Rathin Roy, Sr. TA EE
Subir kumar Pal, Sr. LA BSH
Anupam Kumar Chakraborty, Sr. TA ME
Alok Kumar Das, Sr. WS Assistant ME
Kallol Chatterjee, Sr. TA CSE
Debabarata Sarkar, Sr. TA ME
Santanu Goswami, Sr. TA IT

Shantanu Roy, Sr. TA ECE
Dolon Das, Sr. TA ECE
Saikat Dey, Sr. TA CSE
Sougata Rudra, Sr. TA EE
Sagar Dutta, Sr. TA ME
Rajib Karmakar, Sr. TA EE
Shibdas Ghosh, Sr. TA ME
Ajitesh Bhattacharjee, Sr. TA CE
Pulak Sinha Roy, Sr. TA EE
Debabrata Moulick, Sr. LA BSH
Subhendu Biswas, Sr. TA ME
Surajit Sen, Sr. Ta CE
Ayan Sinha, TA CE
Partha Sarthi Lakshman, TA ME
Sanatan Dutta, TA ECE
Suman Banerjee, TA CSD

Samrat Samanta, TA EE
Aditya Prasad Roy, TA CE
Anindita Sengupta, TA CE
Arpita Dutta, LA BSH
Suvankar Dey, TA ME
Barnali Das, TA CE
Debojyoti Saha, TA IT
Prabash Kr. Das, CLA IT
Sandip Bhattacharjee, TA BSH
Nayan Konar, TA CSE
Ashok Ram Tarbey, WS Inst. ME
Shubhranshu Gorai, TA CSE DS
Monalisa Kar, TA MCA
Pankaj Das, SN Supervisor

Voices of Excellence

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Proud to be a part of BCREC and the Department of Computer Science & Engineering. A place of learning, growth, innovation, and unforgettable memories. Grateful for the knowledge, guidance, and experiences throughout this journey.

Arpan Seth

B. Tech CSE 2026 || Placed in TCS Digital



BCREC provides a strong academic environment with an industry-focused approach to learning. It is a place that pushes us to imagine, execute and succeed. As a student of the MCA Department, I enhanced my technical and problem-solving skills with experienced faculty, modern computer labs, and project-based learning. Thank you to BCREC for giving me this amazing platform.

Briti Basu

MCA 2026 || Placed in PlanetSpark

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I am grateful to Dr. B.C Roy Engineering College for providing a supportive environment that fostered my academic and personal growth. I sincerely thank the Department of Computer Science & Engineering, along with all my teachers and mentors, for their constant guidance, encouragement, and support throughout my journey.

RIMA GORAI

B. Tech CSE || Placed in CELEBAL TECHNOLOGIES, COGNIZANT



Securing this placement is a proud milestone, and I owe a great deal of this success to the Department of Electrical Engineering at Dr. B.C. Roy Engineering College. The rigorous academic curriculum, paired with extensive hands-on experience in advanced laboratories, laid a solid technical foundation. I am deeply grateful to the faculty for their constant mentorship and guidance, which helped sharpen my analytical and problem-solving skills. Additionally, the college's dedicated training and placement initiatives provided invaluable industry readiness. This achievement is a direct reflection of the supportive learning environment and excellent infrastructure provided by BCREC

SUBHAJIT HATI

B. Tech EE || Placed in Shapoorji Pallonji & Company Private Limited

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I am grateful to Dr. B.C. Roy Engineering College and the Department of Electrical Engineering for providing me with a strong academic foundation and valuable practical exposure. The support and guidance of the faculty, along with the placement training and various learning opportunities, helped me develop both technical and professional skills. I sincerely thank BCREC for contributing to my growth and helping me achieve my career goals.

ABHIRUP DAS

B.Tech EE || Placed in Indian Oil Adani Ventures Limited





ল্যাব-এর সূচনা দুর্গাপুর বিসি রায় কলেজে

রাহুল চট্টোপাধ্যায়

রাজত জয়ন্তী বর্ষে পদার্পণ করা ভারতের মধ্যে অন্যতম বিখ্যাত শিক্ষা প্রতিষ্ঠান ডা বি সি রায় ইঞ্জিনিয়ারিং কলেজ, দুর্গাপুর। ভারত সরকারের ইলেকট্রনিক্স ও



ডা. বি. সি. রায় ইঞ্জিনিয়ারিং কলেজের বার্ষিক টেক ফেস্ট হরাইজন



মাধ্যমে উপস্থাপন করেন। ফেস্টের দ্বিতীয় পর্বে একজন পেশাদার স্টাইল মাস্টারের পরিচালনায় টেকনিক্যাল লুইজ হয়। যেখানে প্রায় ২৫০ জন শ্রদ্ধাশীল অংশ নেন। এছাড়াও



ইঞ্জিনিয়ারিং ম্যানেজ



বিসি রায় ইঞ্জিনিয়ারিং কলেজের গ্র্যান্ড এডুকেশনাল কনকোর্ড

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