



INTERNATIONAL CONFERENCE

ON

RECENT ADVANCES IN ENGINEERING SCIENCES AND APPLICATION

RAESA 2027

MARCH 25-26, 2027

ORGANIZED BY

Department of Basic Science &
Humanities,
Dr. B. C. Roy Engineering College
Fuljhore, Jemua Road
Durgapur 713206, West Bengal, India

ABOUT RAESA, 2027

Recent Advances in Engineering Sciences and Applications (RAESA-2027) is an international conference organized by the Department of Basic Science and Humanities, Dr. B. C. Roy Engineering College, Durgapur, to be held on 25–26 March 2027. The conference aims to bring together researchers, academicians, students, and professionals to share recent developments and research contributions across mathematics, statistics, physics, chemistry, engineering, data science, artificial intelligence, and other interdisciplinary domains. RAESA-2027 will provide a platform for the dissemination of innovative research, academic exchange, and collaboration between academia and industry.

IMPORTANT DATES

- Call for Papers opens: 15 Nov 2026
- Full paper submission deadline: 25 Jan 2027
- Notification of acceptance: 25 Feb 2027
- Registration deadline: 01 Mar 2027
- Conference dates: 25–26 Mar 2027

REGISTRATION DETAILS

Registration Details : Coming Soon

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CONFERENCE TRACK

Track 1: Mathematics & Statistics

- Algebra
- Analysis
- Topology
- Geometry and their Applications
- Continuum Mechanics
- Optimization and Operations Research
- Soft Computing
- Discrete Mathematics
- Probability Theory
- Sampling Theory
- Reliability Theory
- Applied Statistics
- Mathematical Physics
- Quantum gravity
- Cosmology

Track 2: Physics

- Applied Physics in Engineering Systems
- Quantum Mechanics and Quantum Computing
- Solid State Physics and Nanomaterials
- Photonics and Optoelectronics
- Renewable Energy Physics
- Semiconductor Devices and Applications
- Computational Physics

Track 3: Chemistry

- Physical Chemistry and Thermodynamics
- Organic and Inorganic Chemistry
- Materials Chemistry and Nanotechnology
- Environmental Chemistry and Sustainability
- Electrochemistry and Energy Storage
- Polymer Science and Engineering
- Analytical Chemistry and Instrumentation

Track 4: Engineering & Interdisciplinary Applications

- Mathematical Modelling in Engineering
- Signal Processing and Communication Systems
- Control Systems and Optimization
- Industrial Statistics and Operations Research
- Business Analytics and Financial Modelling
- Econometrics
- Data Science and Data Analytics
- Machine Learning and Deep Learning
- Artificial Intelligence
- Computational Statistics
- Big Data Analytics
- Cloud Computing
- Information Retrieval
- High-Dimensional Data Analysis

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CALL FOR PAPER

Submission Guidelines — Coming Soon

Detailed guidelines regarding paper submission, manuscript format, submission procedure, and publication will be announced shortly.

Researchers, academicians, students, and industry professionals are encouraged to stay connected for further updates.

ABOUT THE INSTITUTE

Dr. B. C. Roy Engineering College (BCREC), Durgapur, established in 2000, is a prominent institution for engineering, technology, management and computer applications education in West Bengal. The institution is committed to academic excellence, innovation, practical learning, research and professional development.

BCREC offers undergraduate and postgraduate programmes across diverse disciplines and is supported by modern laboratories, a central library, smart classrooms, an AICTE IDEA Lab and other academic facilities. The institution places strong emphasis on research, industry interaction, skill development and holistic student development.

With NAAC accreditation, NBA-accredited programmes and autonomous status, BCREC continues to strengthen its academic and research ecosystem. Its campus at Jemua Road, Fuljhore, Durgapur, provides an enabling environment for interdisciplinary learning, innovation and knowledge creation.

ABOUT THE DEPT. OF BASIC SCIENCE & HUMANITIES

The Department of Basic Science and Humanities at Dr. B. C. Roy Engineering College (BCREC), Durgapur, provides a strong academic foundation for engineering education through core disciplines including Mathematics, Physics, Chemistry, English, Economics, and Environmental Science. The department emphasizes analytical thinking, scientific understanding, effective communication, and professional skills through classroom teaching, laboratory-based learning, language training, and skill-development activities. With continuous assessment, enrichment initiatives, industrial exposure, and expert lectures, the department strives to nurture competent, confident, and industry-ready engineering professionals.

CONTACT US

Prof. (Dr.) Dharmadas Mardanya

Ph: +91-8016171274

College Reception

Ph: + 91-6297128554

🌐 **Website :** <https://raesa.in/> ✉ **Email:** raesa2027@bcrec.ac.in