

ABOUT IEI LOCAL CENTRE, DURGAPUR

The Institution of Engineers (India), Durgapur Local Centre established in 1961 in National Institute of Technology, (formerly known as R. E. College) Durgapur. In 1986 it was shifted from NIT Durgapur to Nehru Avenue, B-Zone, Durgapur-713205. Durgapur Local Centre achieved Best Local Centre for the session 2003-2004, 2015-16 and again 2018-2019. Durgapur chapter also achieved 2nd best technicians' chapter for the sessions 2015-2016, 2016-2017, 2017-2018, 2018-2019 consecutively. Present Corporate Membership Strength is 2867 and Non corporate (i.e. MT, AT, SM, Technician and Sr (Technicians') Strength is 12094 as on 30th September 2023

OBJECTIVE

The objective of this seminar is to provide a vibrant platform for students, researchers, academicians and technologists to present and share their novel ideas and works in relevant areas in engineering and science. Contributions welcome on the topics of interest include but are not limited to "Green Manufacturing of Steel". An industry aligned special session "Green Manufacturing of Steel" will be co-located with the seminar.

REGISTRATION LINK

For Students:

<https://forms.gle/Po3TJ8sAq7tUhpQm8>

For Faculties:

<https://forms.gle/Kxdq1yPFGN3YZXEX8>

Tentative Programme Schedule

10:15 am	Inaugural Session by Coordinator		
10:20 am	Invitation of the Chief Guest, Guest of Honour for the Honorary Secretary, Chairman		
10:25 am	Convener brief about theme.		
10:30 am	Felicitation with Memento & Flower Bouquet to The Chief Guest and Guests of Honour by Chairman		
10:35 am	Felicitation with Memento & Flower Bouquet by Honorary Convener		
10:40 am	Welcome Address by Chairman		
10:45 am	Address by Chief Guest		
10:55 am	Address by Guest of Honour		
11:00 am	Vote of Thanks by Convener		
11:02 am	Tea Break		
11:15 am - 12:00 Noon	Technical Session	Technical Lecture – I	Prof. Projjal Basu, KNU
12:05 Noon - 12:50 pm		Technical Lecture – II	Prof. Arup Kumar Mandal, NIT (DGP)
12:55 pm - 01:40 pm		Technical Lecture – III	Mr. Nilay Gupta, CGM-DSP (SAIL)
01:45 pm	Vote of Thanks		

Venue : Seminar Hall, Dr. B. C. Roy Engineering College, Durgapur

DR. B.C. ROY SOCIETY
ENGINEERING

ONE DAY SEMINAR
ON
GREEN MANUFACTURING OF STEEL
23RD AUGUST 2024

ORGANIZED BY

**The Institution of Engineers
(India)**

Durgapur Local Centre

*Under the Aegis of
Mechanical Engineering Division Board, IEI
In Association with*

Dr. B.C. Roy Society

**Department of Mechanical Engineering
Dr. B.C. Roy Engineering College,
Durgapur**

An Autonomous Institute | Affiliated to MAKAUT | Approved by
AICTE | NAAC Accredited | NBA Accredited
Jemua Road, Fuljhore, Durgapur-713206

PATRONS

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Dr. Chandan Chatteraj, Professor & HOD

Dr. Bimal Das, Honorary Secretary, IE(I)-DLC

CONVENOR

Mr. Debasish Guha, FIE, IE(I)

COORDINATOR

Koushik Chatterjee, Asst. Prof., BCREC, ME

CO-COORDINATOR

Suman Karmakar, Asst. Prof., BCREC, ME

REGISTRATION

Alok Kumar Das, BCREC, ME

Debabrata Sarkar, BCREC, ME

Partha S Lakshman, BCREC, ME

About The Institution of Engineers (INDIA)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform for sharing professional interest. IEI has membership strength of above 0.8 million. Established in 1920, with its headquarter at 8 Gokhale Road, Kolkata-700020, IEI has served the engineering fraternity close to a century. During this period of time, IEI has been inextricably linked with the history of modern-day engineering. In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India which has been accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating through its 125

Centres located across the country and 6 overseas chapters. Besides, IEI has bilateral agreements with about 31 international bodies and membership of another 8 international bodies of the developed nations across the globe. Being recognized as a Scientific and Research Organization (SIRO) by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India, IEI promotes the cause of research and development by providing Grant-in-Aid support to undergraduate, postgraduate students and Ph.D. Research Scholars of Engineering Institutions and Universities. IEI conducts Section A & B Examinations in various engineering disciplines (popularly known as AMIE examination), the successful completion of which is recognized as equivalent to a Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Government of India. Every year, a large number of candidates appear for these exams. IEI in collaboration with Springer regularly publishes a peer-reviewed international journal in five series, namely, Series A, Series B, Series C, Series D and Series E covering fifteen engineering disciplines.

About Dr. B.C. Roy Engineering College

Established in 2000, Dr. B.C. Roy Engineering College was one of the first private Engineering College in West Bengal. Under the aegis of the University of Burdwan, BCREC was a platform for the hundreds of students who could not afford to go South for a degree in Engineering of Management. BCREC, under the affiliation of MAKAUT and the with the accreditation of AICTE and NBA, has come a long way. In its 25th year now, BCREC today offers 5 M.Tech. Programs, 10 B.Tech. Programs and 2 Post Graduate Programs in Management and Computer Application. Spread over a large area of about 17 acres, BCREC has multistoried buildings for each separate department, a Central Library, a Recreation Area, Games and Sports Arenas, Multi gyms, state of art Laboratories

for all subjects including English Language. This is a robust Training and Placement Cell which ensures that our students are trained for the whole semester to succeed in Campus Placements. GATE Forum ensures that students opting for higher education in Engineering are also suitably trained. More than a few hundreds of teaching staff with sterling academic careers and credentials are the guardians of the teaching learning process in this college. How ever most important stakeholder of the equation, the "Student", is the one that is the centre of the entire process. Once one has joined the BCREC student fraternity, S/he automatically becomes eligible for a caring and nurturing environment along with all-round Mentoring in a 1:15 teacher:student ratio. The Hostels, spacious and well monitored, are incubators for our future technocrats. As they say in the hostel, "BCREC mein kabhi raat nahi hoti". Once a BCRECian, always a BCRECian. Our alumni are at multitude of organizations in and outside the country. From IBM, TCS, Wipro, Accenture, CapGemini, CTS to Tech Mahindra, Hewlett Pacard, Indian Navy they still remain in close connect with our Alumni Cell. We invite you to come and be a part of our large and warm Family.

About Department

Mechanical Engineering Department, established in the year 2003, produces graduates who can meet the needs of rapidly changing industry which demands new skills and knowledge of modern technology. The Department offers B.Tech. in Mechanical Engineering and M.Tech. in Mechanical Engineering. Vision of the Department is to deliver world-class education and research in Mechanical Engineering, with particular regard to their application in industry, healthcare and commerce in a diverse society. The Department has a conducive ambience and specialized laboratories like CAD-CAM & Robotics Lab, Mechatronics and Modern control Lab, etc along with conventional laboratories like Mechanical Workshops, Thermal lab, Dynamics of Machines Lab, etc.