



**IEEE - NATIONAL CONFERENCE ON EMERGING TRENDS ON
SUSTAINABLE TECHNOLOGY AND ENGINEERING APPLICATIONS 2020**
7 - 8 February, 2020 DURGAPUR, WEST BENGAL, INDIA

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IMPORTANT DATES

- Abstract Submission: **Aug 31, 2019**
- Submission Deadline: **Sept 30, 2019**
- Notification of Acceptance: **November 30, 2019**
- Final Submission: **December 31, 2019**
- Conference Dates: **February 7-8, 2020**

ABOUT THE INSTITUTE

Dr. B. C. Roy Engineering College, Durgapur, popularly known as BCREC, was set up on 21st August, 2000, under the overall management of Dr. B.C. Roy Engineering College Society. The institute is dedicated to the memory of Dr. Bidhan Chandra Roy, the architect of modern West Bengal. This Institute comprises seven different technical departments among which Electronics & Communication Engineering and Computer Science & Engineering departments hold prestigious NBA Accreditation. For more details about the institute visit www.bcrec.net.in / www.bcrec.ac.in

OBJECTIVE

The National Conference on Emerging Trends on Sustainable Technology and Engineering Applications (NCETSTEA2020) is the premier forum for the presentation of novel research advancements in the fields of Sustainable Technology and Engineering Applications. NCETSTEA2020 is the platform of Scientists, Academicians, Scholars and Students where all the stakeholders from engineering colleges, universities, industries and research organisation can take part and discuss various issues on emerging research areas and their applications. Moreover the conference is aimed to foster research between the Universities and Industries for the benefit of the common people in the country and generate ideas for sustainable growth in Engineering applications.

<http://ncetstea2020.org>

CALL FOR PAPERS

The paper submission for the conference can be made in the following tracks through EDAS only.

EDAS Link: <https://www.edas.info/N26503>

Track 1: Computing Systems

- Algorithms
- Computer Architecture
- Image Processing & Computer vision
- Cryptography
- Social Networking and security
- Software Engineering and Knowledge Engineering
- Knowledge Discovery and Data Mining
- Internet of Things
- Machine Learning
- Big Data
- Computer graphics and virtual reality
- Parallel and Distributing Mobile Computing
- High-Performance Computing
- Autonomic and Trusted Computing
- Bioinformatics and Scientific Computing
- Cloud Computing and Block Chain
- Distributed systems
- DNA computing

Track 2: Electronics and Communication

- Analog/Digital/Mixed-signal processing
- MEMS and Nano-fabrication
- Materials for Electronics
- Semiconductor devices and circuits
- Green Communication and Wireless Networks
- Adhoc and wireless sensor networks
- Microwave devices and antenna propagation
- Quantum Electronics
- Mobile Networks & Wireless LAN
- Network Based Applications
- Satellite communication
- Fibre optics and optical communication
- Under-water communication
- VLSI Embedded Systems
- Consumer Electronics
- Robotics

Track 3: Electrical Systems

- Green and Renewable energy technology
- Power System Optimizations and applications
- Power Electronics Controller Designs and Applications
- Power Quality Issues and Solutions
- Smart Grid
- High Voltage
- Soft Computing Applications in Power Systems
- Switchgear and Protection
- Electrical drives

Track 4: Measurement and Instrumentation

- Sensors, Transducers and Actuators
- Design, Fabrication and Manufacturing of Sensing and Transducing Devices
- Signal Processing and its application in space, geosciences and bio-medical science
- Instrumentation and Control Systems
- Biomedical Instrumentation
- Industrial Instrumentation
- Soft Computing in Control Engineering
- Data acquisition and Measurement systems
- Automation Science and Engineering
- Remote Sensing and Telemetry
- Mechatronics

Track 5: Computational Methods in Engineering

- Modeling and Simulation of Solid state devices
- Chaos in nonlinear electronic circuits
- Computational methods for Filter Design optimisation
- Computational Fluid Dynamics, Heat and Mass Transfer
- Signal analysis for Structural Health Monitoring
- Model development of natural phenomena
- Nonlinear Science and Numerical Simulation
- Multiscale Modeling and Simulation
- Materials modelling and design

REGISTRATION FEES

	Early Bird (Till 31.12.2019)	
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From Industry	INR. 7000/-	INR. 8000/-
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Student	INR. 3000/-	INR. 4000/-
Foreign delegate	\$300/-	\$400/-

	Standard (From 1.1.2020 to 15.01.2020)	
	IEEE	Non IEEE
From Industry	INR. 10000/-	INR. 11000/-
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Contact Us:

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