

1st International Conference on Clean And Renewable Energy



CALL FOR PAPERS



July 10-12, 2019

Organized by

National Institute of Technology Durgapur
M. G. Avenue, 713209, W.B., India

Sponsored by

Technical Education Quality
Improvement Programme Phase- III
(TEQIP-III)

Institute Website : www.nitdgp.ac.in

Conference Website : www.iccare2019.com

Email : iccare2019@gmail.com

About Conference

The objective of ICCARE 2019 is to bring together innovative academics and industrial experts in the field of Environment and Renewable Energy to a common forum. The aim of this conference is to promote environmentally safe and economically sustainable renewable energy, to create the theoretical base for the utilization and implementation of renewable energy sources. Another goal is to promote research in the field of Environmental science and development of renewable energy and to facilitate the exchange of new ideas in these fields and to create a dialogue between scientists and practitioners.

Theme of Conference

Faculty members, research scholars from academic institutes / universities / colleges/polytechnics and practicing engineers / scientists / researchers from industries and research and development organizations can submit papers and present / participate in the conference. The accepted papers will be published in SCI/Scopus indexed Journals/Proceedings as book volumes.

1. Bioenvironmental Engineering
2. Clean Energy
3. Computational Methods for RESs
4. Development and utilization of Solar Energy
5. Biomass Energy, Wind Energy; Energy-saving Technology
6. Hydrogen and Fuel Cell
7. Energy Materials; Energy
8. Chemical Engineering

9. Energy-efficient Lighting Products and Technologies
10. Energy Equipment
11. Energy Transformation from Renewable Energy System (RES) to Grid
12. Future Challenges and Directions for RESs
13. Green Building Materials and Energy-saving Buildings
14. Renewable (Green) Energy Systems and Sources (RESs) as Wind Power
15. Hydropower, Solar Energy, Biomass, Biofuel, Geothermal Energy, Wave Energy, Tidal energy, Hydrogen & Fuel Cells, Energy Storage
16. New Trends and Technologies for RESs
17. Policies and Strategies for RESs
18. Novel Energy Conversion Studies for RESs
19. Power Devices and Driving Circuits for RESs
20. Control Techniques for RESs; Grid Interactive
21. Systems Used in Hybrid RESs
22. Performance Analysis of RESs; Hybrid RESs
23. Decision Support Systems for RESs
24. Renewable Energy Research and Applications for Industries
25. RESs for Electrical Vehicles and Components
26. Artificial Intelligence and Machine Learning
27. Studies for RESs and Applications
28. Energy Savings for Vehicular Technology
29. Power Electronics, Electric Machinery and Control, etc.
30. Renewable Energy Systems in Smart Cities
31. Smart grids and RESs
32. Safety and Security of RESs
33. Storage Technology
34. Semiconductors Technologies
35. Nanotechnology
36. New nanofluid models for thermophysical properties

37. New applications of nanofluids
38. Boundary layer flow and heat transfer of nanofluids
39. Nanofluids in microchannels, solar energy, energy storage, HVAC
40. Nanofluid flow modeling using a single phase model
41. Two-phase nanofluid modeling in various geometries
42. Nanofluid transport in porous media
43. Melting of nanoparticles-enhanced phase change material
44. Fluid-structure interaction problems involving nanofluids
45. Heat transfer enhancement using nanofluids
46. Molten salts based nanosystems
47. Thermofluids
48. Computational Methods
49. Experimental Techniques
50. Solar powered infrastructures
51. Thermal cooling of electronic equipment
52. Application of synthetic jet
53. Magneto-hydrodynamics (MHD)
54. Refrigeration and air conditioning
55. Hybrid vehicles

Key Dates

- Abstract submission (.pdf, .docx) : Oct 01-Dec 15, 2018
- Full manuscript submission : Dec 16, 2018-Jan 31, 2019
- Notification of acceptance : March 15, 2019
- Camera-ready paper : March 31, 2019
- Early registration starts : March 31, 2019
- Early registration ends : April 30, 2019
- Late registration starts : May 01, 2019
- Registration Deadline : June 02, 2019

Submission guidelines

All papers must be original and not simultaneously submitted to another journal or conference.

Abstract submission

Authors will need to register through EasyChair in order to submit abstracts and full papers. Abstracts must be up to 300 characters and submitted in .pdf format.

Full Manuscript Submission

The manuscript should be written in English in A4 size not exceeding 8 pages.

To download the template please visit <http://iccare2019.com/paperfor.php>

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Late registration
 (before June 2, 2019)

Indian (INR) Foreign (USD)

Participants from industry	10500	400
Participants from academics	8500	350
Research scholar	6500	300

About NIT Durgapur



The National Institute of Technology Durgapur (abbreviated NIT Durgapur or NIT DGP) is a public engineering institution located in Durgapur, West Bengal, India. Formerly known as the Regional Engineering College, Durgapur (REC Durgapur), it is among the first 8 Regional Engineering Colleges established in India and was founded in 1960 by the then Chief Minister of West Bengal, Bidhan Chandra Roy. Today it is one of the 31 National Institutes of Technology in India and has been recognised as an Institute of National Importance by the Government of India under the National Institutes of Technology Act, 2007.

The National Institute of Technology, Durgapur (formerly Regional Engineering College, Durgapur) was established in 1960 under an Act of the Parliament of India as one of the eight such colleges, as a co-operative venture between the Government of India and the Government of West Bengal aimed to function as a pace setter for engineering education in the country and to foster national integration. It is a fully funded premier Technological Institution of the Government of India and is administered by an autonomous Board of Governors. The college was given autonomy in financial and administrative matters to achieve rapid development.

Registration fee

Early bird registration
 (on or before Apr 30, 2019)

Indian (INR) Foreign (USD)

Participants from industry	10000	350
Participants from academics	8000	300
Research scholar	6000	250

Indexing

