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ADDRESS FOR CORRESPONDENCE

Dr. Rajesh Vanchipura
Convener
International Conference on Systems, Energy
and Environment (ICSEE 2022)
Govt. College of Engineering Kannur
Parassinikkadavu P. O., Kannur, Kerala - 670563
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ABOUT GCEK

Government College of Engineering, Kannur is one of the premier institutes among the nine Government Engineering Colleges in Kerala. The college is affiliated to APJ Abdul Kalam Technological University. It offers five B.Tech Degree programs in Civil, Mechanical, Electrical and Electronics, Electronics and Communication and Computer Science and Engineering branches. The College also offers six M.Tech programs in Mechanical Engineering (Advanced Manufacturing and Mechanical Systems, Energy Engineering), Electrical and Electronics Engineering (Power Electronics and Drives , Power Systems), and Electronics and Communication Engineering (Signal Processing and Embedded Systems). UG programmes of most departments have been Accredited by National Board of Accreditation (NBA) for six years. There are three research centres offering Ph.D programs in Civil, Mechanical and Electrical Engineering. The institution is recognized by APJ Abdul Kalam Technological University as a 'Centre of Excellence in Systems, Energy and Environment'.

VISION

A globally renowned institution of excellence in engineering, education, research and consultancy.

MISSION

To contribute to the society by providing quality education and training, leading to innovation.



5th INTERNATIONAL
CONFERENCE ON
SYSTEMS, ENERGY
AND ENVIRONMENT
ICSEE 2022

KANNUR, KERALA, INDIA

5 - 6 AUGUST 2022



Organized by
DEPARTMENT OF MECHANICAL ENGINEERING

GOVERNMENT COLLEGE OF ENGINEERING KANNUR

Sponsored by



DTE KERALA
Directorate of Technical Education Kerala

TEQIP II



SCOPE OF THE CONFERENCE

The International Conference on Systems, Energy and Environment (ICSEE2022) is the seventh edition of the conference ICSEE, and the fifth one at the international level, organised by Government College of Engineering Kannur, Kerala, India, a premier institution for imparting quality engineering education in northern Kerala (God's Own Country) since its establishment in 1986. ICSEE2022 is organized under the aegis of TEQIP-II.

The objective of this widely accepted international event is to provide a common platform for engineers, researchers and technologists to exchange technical, scientific and experimental ideas for sustainable development at the global level. The conference covers all the major disciplines in the field of science and engineering. The conference offers an opportunity for technological people to share their novel thoughts related to current and future technologies and hence provides an excellent opportunity for interaction, discussion and dissemination of the latest research and developments in various areas of interest.

TOPICS

Authors are invited to submit papers resulting from their original research works in topics related to, but not limited to the following:

CIVIL ENGINEERING

Structural Engineering, Computer Applications in Civil Engineering, Structural Health Monitoring, Geotechnical Engineering, Hydraulics and Water Resources Engineering, Green-Engineering, Environmental Engineering and Geoinformatics, Traffic and Transportation Engineering.

MECHANICAL ENGINEERING

Industrial Engineering and Management, Design Vibration and Control, Manufacturing and Production, Thermal and Heat Power Engineering, Fluid Dynamics and Hydraulics Engineering.

ELECTRICAL & ELECTRONICS ENGINEERING

Control Systems, Power Systems, High Voltage Engineering, Energy Conservation and Management, Power Quality, Navigation, Guidance and Control of Aerospace Vehicles, Power Electronics and Drives, Electrical Machines.

ELECTRONICS AND COMMUNICATION ENGINEERING

Signal Processing (Audio, Image and Video), Computer Vision, Embedded Systems, VLSI Design, Nano-Electronics, Optoelectronics, Networking, RF Design, Wireless Systems, Communication Systems, Instrumentation Systems.

COMPUTER SCIENCE AND ENGINEERING

Artificial Intelligence, Data Science and Machine Learning, Natural Language Processing, Cloud Computing, Computer Networks, Internet of Things, Image Processing, Security, Secrecy and Privacy, Software Engineering and Information Systems.

APPLIED MATHEMATICS AND SCIENCE

Numerical Methods, Information Theory and Coding, Chaos Theory, Stochastic Process and Applications, Discrete Mathematics and Graph Theory, Linear Algebra.

ROBOTICS AND AUTOMATION

Kinematics, Dynamics and Control of Legged, Wheeled and Tracked Robots, Vision Based Systems, Advances in Sensors and Actuators.

ENERGY AND ENVIRONMENT

Carbon Neutrality, Climate Change Mitigation, Biochar Climate Change, Biomass Gasification

IMPORTANT DATES

Deadline for Submission: **31 May 2022, 12.00 midnight**
Notification of Acceptance: **15 June 2022**
Camera ready paper submission: **30 June 2022**
Deadline for Registration: **15 July 2022**
Conference Date: **05 - 06 August 2022**

Information on preparation and submission of full paper is available on the conference website,
<https://www.gcek.ac.in/icsee2022/>

Paper Submission link
<https://easychair.org/conferences/?conf=icsee2022>

FEE DETAILS

Registration and Publications: **Rs.4200**
Foreign Delegates: **\$55**

MODE OF PAYMENT

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