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Dr. M. Arun, ASP/Civil -PSG iTech

Mr. S. Elayaraja, AP(SI.G)/Civil -PSG iTech

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Dr. Arvind Rajendran, Professor, University of Alberta, Canada

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Dr. Indhumathi M.Nambi, Professor, IIT Madras

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Dr. Roshan Srivastav, Assistant Professor, Civil & Environmental Engineering, IIT Tirupati

Dr. Remya Neelancherry, Assistant Professor, School of Infrastructure, IIT Bhubaneswar

Dr. M.Berlin, Assistant Professor, NIT Arunachal Pradesh

Dr. J.Vijaya Vengadesh Kumar, Assistant Professor, NIT Karnataka - Surathkal

Dr. S.Ganesh, Scientist, CSIR-CBRI, Roorkee, India

Dr. R.M.Subramanian, Principal Engineer, Sarathy Geotech & Engineering Services Pvt. Ltd, Bangalore

Contact Details

Organising Secretary

THE3E Conference

PSG Institute of Technology and Applied Research

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Website: <http://www.psgitech.ac.in/THE3E2020.php>

Scan for Registration



PSG Institute of Technology and Applied Research

Neelambur, Coimbatore - 641 062

International Conference on Triple Helix Ecosystem for Earth, Environment and Energy (THE3E 2020)

18th & 19th March 2020



Sponsored by

Department of Science & Technology (DST - SERB)



In Association with

Glasgow Caledonian University, Scotland



Deakin University, Australia

- Knowledge Partners -



Organized by

Department of Civil Engineering
PSG Institute of Technology and Applied Research

Neelambur, Coimbatore - 641 062, INDIA

CONSERVE ENERGY

About PSG iTech

PSG Institute of Technology and Applied Research (PSG iTECH) has been established in the year 2014 as the 30th Institution under the aegis of PSG & Sons charities. It is an AICTE approved institution, affiliated to Anna University, Chennai. Currently the institution offers five undergraduate programs in Engineering, CIVIL, CSE, ECE, EEE & Mechanical Engineering. The institution is equipped with Centre of Excellence in various fields namely Innovation Centre, Festo Lab, Plumbing Lab, Centre for teaching - learning practices, NEXMOO Mobile and IoT centre, Product Application Centre, NI Graphical System Design Centre, CISCO Network Academy, e- Yantra and Pasco Lab. PSG iTECH aims to achieve excellence in education and research and nurture Engineers with professional ethics and innovative practices.

About the Department

Established in the year 2014, the Department of Civil Engineering is equipped with State-of-art infrastructural and Laboratory facilities required to impart high quality education and committed towards offering value based education to students. The Department offers consultancies in the field of Geotechnical, Structural, Environmental, Transportation, Geo-spatial and Infrastructural Engineering. Qualified and experienced members of faculty possessing Masters and Doctorate degree in diverse specializations are involved in teaching, research and consultancy activities. The students are consistently achieving Anna university ranks every academic year and made significant track record in achieving accolades in the national and international level competitions. The department envisages various student chapters including American concrete Institute, ISTE, IE, ACCE for the benefit of Professional career of students.

Vision

Strive to produce excellent Civil Engineers through holistic education, research, entrepreneurial training and technological services with societal focus.

Mission

- ▶ To impart quality education with strong emphasis on professional ethics and social commitment.
- ▶ To augment skill and awareness of latest technologies through knowledge exchange programmes.
- ▶ To provide conducive environment for research and innovation resulting in advancement of knowledge and practical applications.
- ▶ To incubate technically competent entrepreneurs to provide solutions for societal problems.

About the Program

The 2020 International Conference on Triple Helix Ecosystem for Earth, Environment and Energy Management is organised in association with Glasgow Caledonian University, United Kingdom & Deakin University, Australia. In many nations including India, resource needs and extracting energy from finite sources will be crucial determinants of nation's social, economic, and environmental sustainability. The conference aims to create a platform for understanding the changing Earth and help to solve the enormous resource and environmental challenges facing the world. The scope of the conference is to provide an international forum for the exchange of ideas amongst scientists, academia, policy analysts, government, business and community to address the huge societal and environmental challenges. Researchers, faculty members and students who are involved in developing, promoting & generating new concepts/products in this field can make use of this opportunity.

Fields of Interest

Earth, Environment & Ecological Sciences

Artificial Intelligence and Machine Learning for Sustainable Energy
Renewable Energy and Energy Recovery
Hydrogen Fuel Cell Technology
Microbial and Enzymatic Fuel Cells
Hybrid Energy Systems
Geo Thermal Storage and Geothermal Energy
Water Reclamation and Reuse
Air Pollution and Air Quality Management
Cleaner Production
Circular Economy in Waste Management
Resource Recovery from Wastewater
Micro Plastics and Marine Environment
Environmental Pollution and Control

Structural & Construction Engineering

Low Energy Architecture
Energy Efficient Structures
Sustainable Building Design
Digitised Structural Monitoring
Smart Construction Materials and Practices
Nano Materials in Civil Engineering
Infrastructure Management and Security
Computing in Civil and Environmental Engineering

Key Dates

Submission of Abstract : 28-01-2020
Notification of Acceptance : 01-02-2020
Submission of Manuscript : 28-02-2020
Last Date for Registration : 12-03-2020
Submit a 200 words abstract at the3e@psgitech.ac.in

Keynote Speakers



Prof. Jim Baird
Professor
Glasgow Caledonian University
Scotland, UK



Prof. Kiang Hwee TAN
Professor
National University of Singapore,
Singapore

Geotechnical & Geological Sciences

Engineering Seismology
Strong Ground Motions
Risk Targeted Seismic Design
Sustainable Foundation Techniques
Geoenvironmental Engineering
Geomarine Sciences
Geotechnical Earthquake Engineering
Subsurface Soundings
Entrepreneurial Ecosystem for Civil Engineers
GIS Tools in Simplifying Engineering
Advanced Surveying Techniques
Application of GIS & Remote Sensing in Civil Engineering

Transportation Engineering

Advanced Vehicle and Road Network Technologies
Human, Environmental and Vehicular Factors on the Road Design, Operations and Safety
Sustainable design standards and regulations
Safety improvement management
Modelling and statistical analysis of accident data
Safety & precautionary operations in Transport
Impact of transportation on the environment
Traffic control and traffic operations

Conference Fee

Overseas Delegates : US \$ 100
Students : ₹1500
Faculty/Researchers : ₹2000
Practising Engineers : ₹2500
Accompanying Person : ₹1000



Prof. K Baskaran
Associate Dean
Deakin University,
Australia.



Prof. U. Johnson Alengaram
Associate Professor
Director, Centre for Innovative
Construction Technology (CICT)
University of Malaya,
Kuala Lumpur