

INTERNATIONAL CONFERENCE ON TECHNOLOGY CONVERGENCE IN ENGINEERING, ENERGY AND SUSTAINABILITY (ICTCEES-2019)



July
11th - 12th
2019



ORGANIZED BY

Department of Mechanical Engineering
Vimal Jyothi Engineering College,
Chemperi, Kannur, Kerala - 670632



About the College

Vimal Jyothi Engineering College (VJEC) is an educational project of the Archdiocese of Thalassery established in the year 2002 and is managed by Meshar Diocesan Educational Trust. The college is approved by AICTE and affiliated to APJ Abdul Kalam Technological University (KTU). VJEC is a self-financing catholic minority institution aiming at generating a fervor for Engineering and Technology in students. Here we inspire, nurture and foster them to realize their career potential in the field of Engineering and Technology. With profound insight into the resource requirements of the higher education system, VJEC has proudly set up world-class infrastructure complemented with intellectual capital in the form of competent faculty. Many of the facilities are way beyond the regulatory requirements aiming for learning beyond the syllabus to address the requirements of the industry. These material facilities along with value addition programs and student support systems are the integral facets of empowerment at VJEC. Digital library, industry supported project labs, language lab, and student chapters of professional bodies such as IEEE, ISOI, IETE, SAE, CSI offer an extensive range of resources, opportunities and services to the outcome based teaching learning process. Effective implementation of quality control processes ensure Engineering graduates with the expected level of knowledge, skill and attitude.

About the Department

The Mechanical Engineering Department was established in the year 2004 with Kannur University and later in 2015 affiliated to KTU University for B.Tech degree course with an initial intake of 60 students. It has since then grown significantly by spreading its academic activities in offering courses at Undergraduate level as well as Post Graduate level. The department faculty is actively involved in guiding research scholars leading to Ph.D. degree. Currently, the department admits 120 students for the Undergraduate programme and 24 for the Post Graduate courses (Thermal Engineering) in regular stream. It has been recognized as research centre with KTU University, Kerala. To meet the required Academic standards, quality instruction to students is imparted by the motivated and qualified faculty members providing good academic insights. To provide higher degree of perspective in the concepts of subject content, Computers and Audio Visual equipment are extensively used. Students are especially trained to meet the current industrial requirements.

Vision

To become a center of excellence in Mechanical Engineering, producing innovative and creative mechanical engineers to meet the global challenges.

Mission

To provide a platform to the students towards attaining quality education in Mechanical Engineering.

To educate students about professional & ethical responsibilities and train them to build leadership and entrepreneurship qualities for their career development.

To create opportunities and guide students in acquiring career oriented jobs in the field of Mechanical Engineering.

Objective of the Conference

The ICTCEES 2019 conference is a platform where academicians, technocrats, researchers and scientists can exchange their technical expertise and knowledge. It aims to bridge the gap between academic research and industry needs. The topics covered are the major research areas of modern day requirements. We warmly welcome all researchers to submit their latest research paper to ICTCEES 2019, and share the valuable experiences with the scientist and scholars around the world. This International conference will create a scenario where all the stakeholders viz. researchers, industry experts, & personals, manufacturers, students and faculty can gather in a single platform to discuss and share their views and expertise in the different segment of the technologies, thereby an industry can attract and breed prospective talents from the platform and bring it to development and adoption of the technology. Keeping in view the above facts and industry demands the following three themes viz. Mechanical, Civil, Electrical, Electronics, Computer Science, and Biomedical were taken for deliberation. We request all the stakeholders to participate in this international conference with their views and works for the development of these core engineering sectors.



Call for Papers

Authors are invited to submit original and unpublished research articles in the following areas but not limited to

Mechanical

Applied Mechanics
Automation, Mechatronics and Robotics
Automobiles
Compressible Flows
Dynamics and Vibration
Engineering Materials
Energy Engineering and Management
Fatigue and Fracture
Fluid Mechanics and Machinery
Heat and Mass Transfer
Internal Combustion Engines
Machinery and Machine Design
Manufacturing and Production Processes
Material Science and Nano materials
New and Renewable Energy
Tribology.

Civil

Bridge Engineering
Construction Technology
Design of Concrete Structures
Design of Steel Structures
Engineering Geology
Environment and Pollution
Foundation Engineering
Geomatics
Geotechnical Engineering
Highway Pavement Design
Quantity Surveying and Valuation
Structural Analysis
Structural Dynamics and Earthquake Resistant Design
Surveying
Transportation Engineering
Town and Country Planning
Water Resources Engineering
Wave Hydrodynamics and Coastal Engineering

Biomedical

Bioelectrical Engineering
Biofluid Mechanics
Bioinformatics
Biomaterials
Biomechanics
Biomechatronics
Biomedical Devices
Biomedical Engineering
Biomedical Optics
Biomems
Biophotonics
Biosensors
Nanotechnology for Biomedical Applications

Electronics and Communication

Internet of Things
Broad Band Communication
Computer and Intelligent Communication
Mobile and Optical Communication
Wireless Sensor Networks
Network Security
Advanced VLSI Systems
Embedded Wireless Systems
Quantum processors
Neural processors
Electro-dynamic tether

Computer Science

Knowledge Processing
Artificial intelligence and robotics
Bio-informatics
Abundant-data applications
Human-computer interaction
Grid Computing
Pervasive Computing
Digital Image and Video Processing
Computer Vision and Image Analysis
Data Mining and Cloud Computing

Electrical and Electronics

Soft Computing and Fuzzy Logic
Feedback Control Systems
Power Electronics and Energy Efficient Drives
Power Quality Improvement Techniques
Expert Systems and Artificial Intelligence Techniques
High Voltage Engineering
Systems Science and Signal Processing



Important Dates

- Full Paper Submission Starts 15th April, 2019
- Full Paper Submission Ends 31st May, 2019
- Initial Acceptance 5th June 2019
- Last Date for revised paper submission 15th June, 2019
- Final Acceptance after revision 22nd June, 2019
- Registration starts from 23rd June 2019
- Last Date for Registration 01st July, 2019

Registration Fee

REGISTRATION FEE DETAILS	
Authors/Delegates	Fee
Delegates from Foreign	\$ 300/
Delegates from Academia	Rs 2500/-
Delegates from Industry	Rs 3000/-
Research Scholars / PG Students	Rs 2000/-
B.Tech Students	Rs 1500/-
Conference Attendees	Rs 500/-
Participants in poster presentation	Rs 500/-

Highlights

- All the accepted papers will be published in UGC approved journals.
- Selected papers will be published in scopus indexed journals. by additional payment.
- Publication of conference proceedings/full paper in e-book with ISBN.
- Oral Presentation by any one author.
- Presentaion by skype. (foreigners)
- Paper in absentia are also welcomed
- Poster presentataion are aslo welcomed

- If co-authors need certificate and kits, they should pay extra 500/-

Based on the review, selection, acceptance, registration and presentation of the papers will be published in Conference Proceeding. If the papers are presented by a single author, he/she must register for the conference; if it is more than one author, at least one of the author must register for the conference on or before 01st July, 2019. Participants of the conference may address their queries if any, regarding the paper submission or any other matter communicate through email-hodme@vjec.ac.in. A late registration fee (after 01st July, 2019) of Rs.500/- should be paid along with registration amount till 11th July, 2019. For more details and registration form, please refer to <http://www.ictcees.vjec.ac.in>



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Akhil Puthusheery

TOURIST SPOTS

सर्प उद्यान
 SNAKE PARK

Payyambalam Beach

Parassinikadavu Snake Park



Kanjirakolli

Palakkayam Thattu



St. Angelo Fort

From Kannur Railway Station



Paithalmala

From Kannur International Airport

