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ABOUT GEC KOZHIKODE

Government Engineering College Kozhikode (GECK) is one among nine prestigious Government Engineering Colleges under the Directorate of Technical Education, Kerala. GECK was established in the year 1999 with B.Tech programmes in Applied Electronics and Instrumentation Engineering (AE & I), Chemical Engineering (Ch.E) and Mechanical Engineering (ME). Subsequently, B.Tech programmes in Civil Engineering (CE), Electronics and Communication Engineering (ECE) and Computer Science and Design(CS&D) were started in 2006, 2012 and 2022 respectively. In addition to B.Tech programmes, the college offers M.Tech programmes in Signal Processing (AE & IE), Energy Systems Analysis and Design (ME), Computer Aided Process Design (Ch.E) and Structural Engineering (CE). Four UG programmes out of the six programmes offered by the institution are accredited by the National Board of Accreditation (NBA). GEC Kozhikode is also an ISO 9001:2015 certified institution.

Our Vision

A hub of technological brilliance having international acceptance which fosters professionals and innovators with social responsibility.

Our Mission

Create an ambience for academic brilliance to address the technological challenges.
Encourage scientific and innovative research towards the progress of the nation.
Promote social responsibility and professional ethics through value education.

GOVERNMENT ENGINEERING COLLEGE KOZHIKODE

ISO 9001:2015 Certified, Programs AE & I, CE, CHE
and ME Accredited by NBA

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www.geckkd.ac.in

YUKTHI'23
INTERNATIONAL CONFERENCE
APR 10-12, 2023 | KOZHIKODE, KL, INDIA

International Conference On Emerging Trends In Engineering

YUKTHI'23

April 10th to 12th, 2023
Government Engineering College
Kozhikode, Kerala, India



Organized by
Government Engineering College Kozhikode

Sponsored by



**Directorate of Technical Education, Kerala
TEQIP Phase -II**



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YUKTHI'23

International Conference on Emerging
Trends in Engineering
April 10th to 12th, 2023

Government Engineering College Kozhikode, Kerala,
India

General Convener

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Organizing Secretary

Dr. Sudheesh R. S.,
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SCOPE OF THE CONFERENCE

Government Engineering College Kozhikode has successfully conducted several editions of the national conference on emerging trends in engineering (NET) and the first edition of International conference in Emerging Trends in Engineering Yukthi – 2021 in the past. Yukthi 2023 is an attempt to further explore the avenues in technology through conducting events such as paper presentations, panel discussions, webinars etc. with the active participation of researchers across the Globe. Yukthi 2023 provides a venue for the confluence of the latest ideas, thoughts and innovations of talented minds all over the world. The International Conference will be conducted from 10th to 12th April 2023 in the hybrid mode using both online method and in-person modes. Yukthi 2023 also has additional tracks on special topics.

PUBLICATION

Quality Papers selected through review process will be recommended for publication in Elsevier SSRN



Registration Fee

Industrial Delegates / Academicians / Research Scholars / Students	₹ 2500
Participation	₹ 500
Foreign Delegates	\$ 75

Mode of Payment

Bank Name : Sate Bank of India, Westhill
A/c Name : International Conference : Yukthi
A/c No : 41410980486
IFSC : SBIN 0070857
Purpose : Yukthi 2023

Note : Use your “Yukthi 2023 submission number” in all your transactions through online payment to the account given above

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: Computer Applications in Civil Engineering, Environmental Engineering and Geo-informatics, Geo-technical Engineering, Green-Engineering, Hydraulics and Water Resources Engineering, Remote Sensing, Earthquake and Structural Engineering, Structural Health Monitoring, Traffic and Transportation Engineering, Contract Management, Bridge Engineering.

MECHANICAL ENGINEERING: Thermal, Fluids and Energy Engineering, Mechanical Design, Materials and Manufacturing, Industrial Engineering and Optimization, Tribology, Nanoscience and Technology

ELECTRONICS & INSTRUMENTATION: Signal Processing (Audio, Image and Video), Computer Vision, Embedded Systems, VLSI Design, Nano-Electronics, Optoelectronics, Networking, RF Design, Wireless Systems, Communication Systems, Instrumentation Systems, Kinematics, Dynamics and Control of Legged, Wheeled and Tracked Robots, Vision based Systems, Advances in Sensors and Actuators.

CHEMICAL ENGINEERING: Green technologies, Environmental Engineering, Biotechnology, Process design and safety, Novel materials, Process control and automation, Process intensification, Nanotechnology, Food and pharmaceuticals, Catalysis, Polymer technology, Computational fluid dynamics

COMPUTER SCIENCE: Algorithms and Data Structures, Cryptography, Machine Learning, Natural Language Processing, Parallel and Distributed Computing, Computer Networks.

Important Dates

Opening of submission	20th November 2022
Deadline of submission	31st January 2023
Notification of Acceptance	25th February 2023
Camera Ready paper	30th March 2023
Deadline for registration	30th March 2023

Paper Submission

Information on preparation and submission of the full paper is available on the conference website

<http://geckkd.ac.in/yukthi>



DEPARTMENT COMMITTEES

DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION

International Conference on Emerging
Trends in Signal Processing

- Dr. Shajee Mohan B. S., Convener
- Dr. Abdurahiman V., Coordinator

DEPARTMENT OF CIVIL ENGINEERING

International Conference on Sustainable Solutions
for Infrastructure Development

- Prof. Nasma Noor, Convener
- Prof. Raji Karuna, Coordinator

DEPARTMENT OF CHEMICAL ENGINEERING

International Conference on Process
Engineering and Sustainable Technology

- Prof. Shyja M., Convener
- Prof. Dhaneesh K. P., Coordinator

DEPARTMENT OF MECHANICAL ENGINEERING

International Conference on Mechanical
Engineering and Energy Technologies (URJA-23)

- Dr. Pradeep M Kamath, Convener
- Prof. Fouad Ebn Muhammed Abdulla, Coordinator