

International Conference on Emerging Trends in Engineering

Yukthi 2021

Government Engineering College
Kozhikode, Kerala, India

24th to 26th September 2021



**GOVERNMENT ENGINEERING COLLEGE
KOZHIKODE**



Sponsored By

Directorate of Technical Education Kerala
TEQIP - P - II

About GECK

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). Civil Engineering (CE) programme was started in the year 2006 and Electronics and Communication Engineering (ECE) programme was started in the year 2012. In addition to B.Tech programmes, the college offers M.Tech programmes in Signal Processing (AE & IE), Energy Systems Analysis and Design (ME) and Computer Aided Process Design (Ch.E). Four UG programmes out of five programmes offered by the institution are accredited by the National Board of Accreditation (NBA). GEC Kozhikode is also an ISO 9001:2015 certified institution. For more information please visit: <http://geckkd.ac.in/>

Vision

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

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.

Publication

All accepted papers in the conference will be published in Elsevier SSRN conference proceedings.

Patron: Dr. Byjubai T. P.
Chairman: Dr. Najeeb K
General Convener: Dr. Shajee Mohan B S

Organizing Secretaries:

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Dr. Sreela P. K.
Prof. Adil Muhammed
Dr. Jaseela S.

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Dr. Ragesh P.P.
Dr. Fasnabi P. A.
Dr. Sajeeb A. M.
Dr. Abdurahiman V.
Dr. Beula C.
Prof. Arun Shal U. B.
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GOVERNMENT ENGINEERING COLLEGE KOZHIKODE

General Convener

Dr. Shajee Mohan B S

Professor, Department of Applied Electronics & Instrumentation Engineering

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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) during the past. Yukthi 2021 - The International Conference on Emerging Trends in Engineering is an attempt to further explore the avenues in technology through conducting world class events such as paper presentations, panel discussions, webinars etc. Yukthi 2021 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 24th to 26th September 2021 using online methods and strictly following COVID-19 protocols. Yukthi 2021 also has additional tracks on special topics.

TOPICS

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

REGISTRATION FEE

Industrial Delegates:	Rs.1500
Academicians:	Rs.1000
Research Scholars/Students:	Rs.500
Foreign Delegates:	\$50

MODE OF PAYMENT

Use your Yukthi 2021 submission number in all your transactions through online Payment to the account given below

Bank: SBI, Westhill Branch
Name: Principal Educational
A/C No: 67203691557, IFSC: SBIN 0070857
Purpose: Yukthi 2021

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

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 (Revised):

Deadline of submission: ~~30th June 2021~~ Extended to 15th July 21

Notification of Acceptance: 30th July 2021

Camera Ready paper : 31st Aug 2021

Deadline for registration: 10th September 2021

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

<http://yukthi2021.online/>

PAPER SUBMISSION LINK AVAILABLE AT

<https://easychair.org/conferences/?conf=icetsp21>



DEPARTMENT COMMITTEES

Department of Applied Electronics and Instrumentation Engineering

International Conference on Emerging Trends in Signal Processing

Convener: Dr. Ahammed Muneer K. V.
Coordinators: Dr. Baburaj M.
Dr. Abdurahiman V.

Department of Civil Engineering

International Conference on Smart Solutions for Sustainable Infrastructure

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Coordinators: Dr. Ragesh P.P.
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Department of Chemical Engineering

International Conference on Process Engineering and Sustainable Technology

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