

# International Conference on Emerging Trends in Signal Processing

## Yukthi 2023

10<sup>th</sup> to 12<sup>th</sup> April 2023

### Department Applied Electronics and Instrumentation Engineering



**GOVERNMENT ENGINEERING COLLEGE  
KOZHIKODE**



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Directorate of Technical Education Kerala  
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### About Government Engineering College 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 and it runs six UG programmes, four PG programmes and PhD programmes. Four UG programmes out of 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. For more information please visit: <http://www.geckkd.ac.in/>

### About the department of Applied Electronics and Instrumentation Engineering

Department of Applied Electronics and Instrumentation Engineering established in the year 1999. The department offers B.Tech in Applied Electronics and Instrumentation Engineering, B.Tech in Electronics and Communication Engineering and M.Tech in Signal Processing. Currently the department has eight research scholars pursuing PhD.

### Vision

To emerge as a centre of excellence in Electronics, Instrumentation and Communication Engineering, providing quality education and research opportunities for the advancement of society and mankind.

### Mission

- Dedicate and commit ourselves to achieve, sustain and foster unmatched excellence in Engineering Education.
- Pursue continuous development of infrastructure and enhance the laboratories with state of the art equipment
- Provide our students a technologically updated and intellectually inspiring environment of learning, research, innovation and creativity.
- Instill ethical and moral values in students.

# International Conference on Emerging Trends in Signal Processing Yukthi 2023

## TECHNICAL PROGRAMME COMMITTEE

- Dr. Jiji C V, SRM University Hyderabad  
Dr. Rishidas S, Professor, GEC Idukki  
Dr. Santhosh Kumar S, Professor, GEC Idukki  
Dr. Ranjith Ram A, Professor, GCE Kannur.  
Dr. Sajesh Kumar U, Associate Professor, GCE Kannur  
Dr. Suresh K, Professor, GEC Wayanad.  
Dr. Meenakshi K. Moorthy, Professor, GEC Thrissur  
Dr. Rajeev Rajan, Associate Professor, GEC Bartonhill  
Dr. Jayan A R, Professor, GEC Thrissur  
Prof. Christy James Jose, GEC Idukki  
Dr. Deepa P Gopinath, KDISC  
Dr. Celine Mary Stuart, Professor, GEC Bartonhill  
Dr. Pradeep R, Associate Professor, College of Engineering Trivandrum  
Dr. Tara Raveendran, Professor, College of Engineering Trivandrum  
Dr. Sajith K, Professor, GCE Kannur.  
Dr. Golda Brunnet Rajan, Associate Professor, GEC Salem  
Dr. Rajeswari Natarajan, Sastra University, Kumbhakonam.

## THEME OF CONFERENCE

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

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.

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

## IMPORTANT DATES

Deadline of submission 31<sup>st</sup> January 2023

Notification of Acceptance: 25<sup>th</sup> February 2023

Camera Ready paper : 30<sup>h</sup> March 2023

Deadline for registration: 30<sup>h</sup> March 2023

## SCOPE OF THE CONFERENCE

Department of Applied Electronics and Instrumentation Engineering of Government Engineering College Kozhikode has successfully conducted several editions of the national conference on emerging trends in engineering (NET) during the past and Yukthi2021 was the first international conference in the series. Yukthi 2023 – The International Conference on Emerging Trends in Signal Processing is an attempt to further explore the avenues in technology through conducting world class events such as paper presentations, panel discussions, webinars etc. This conference aims to achieve a confluence of developments from all areas of signal processing by bringing together leading academicians, scientists, research scholars and students to a common platform enabling exchange of ideas, experiences and research results. Apart from paper presentation sessions, the conference will include invited talks by eminent scientists and professors on advanced trends in the field of signal processing.. The International Conference will be conducted from 10th to 12th April 2023. Quality papers selected through review process will be recommended for publication in Elsevier SSRN.

## PAPER SUBMISSION

Details of paper submission is available at

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



## REGISTRATION

All accepted papers must be registered for inclusion in the conference proceedings. Registration includes conference kit, tea, snacks and working lunch during the conference.

## REGISTRATION FEE

Author registration :	Rs. 2500
Participation:	Rs 500
Foreign Delegates:	\$75

## MODE OF PAYMENT

Use your Yukthi 2023 submission number in all your transactions through online Payment to the account given below

Bank: SBI, Westhill Branch  
Name: International Conference – Yukthi,  
A/C No: 41410980486, I  
FSC: SBIN 0070857  
Purpose: Yukthi 2023

## Coordinators

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