

GOLD SPONSOR



BRONZE SPONSOR



IEEE SPICES 2026

2026 IEEE 5th International Conference on Signal Processing, Informatics, Communication and Energy Systems



9-11 October 2026



Government College of Engineering
Kannur, Kerala, India



www.gcek.ac.in/SPICES2026

Registrations are open for conference attendees.
Visit our website for more details

ABOUT THE CONFERENCE

2026 IEEE 5th International Conference on Signal Processing, Informatics, Communication and Energy Systems 2026 (IEEE SPICES 2026) is a flagship conference of IEEE Kerala Section jointly organized by GCE Kannur during 9-11 October 2026. The theme of the conference is "AI, Smart Energy and Communication Technologies for Sustainable Development". It is a platform for technical exchange amongst researchers from academia, research laboratories, and industries in various emerging fields of Signal Processing, Communication, Computer Science, Energy Systems, Instrumentation & Control Systems, Robotics, IoT and Power Electronics. The technical program includes plenary sessions, keynote sessions, regular technical sessions, industry sessions, tutorials and special sessions. Conference will also feature exhibition booths from industries.

THEME

AI, Smart Energy and Communication Technologies for Sustainable Development





Tutorials

(08/10/2026)



FN SESSION

AI for Sustainable Engineering: Machine Learning and Deep Learning Applications Using MATLAB



Dhanoop K Dhanpal

Application Engineer – MathWorks Products
CoreEL Technologies Ind. Pvt. Ltd
Bangalore



AN SESSION

From LPWAN to Private 5G O-RAN
Hands-On Experimentation for Next-Generation Wireless IoT
A Joint Hybrid and by IICT GmbH and ICFOSS Kerala, India



Dr.-Ing. Jubin Sebastian E



Co-Founders & Managing Directors,
IICT GmbH (Offenburg, Germany)



Gopika T G



Manu Mohan M S

ICFOSS, Kerala



Midhuna Dhananath



Bhanupriya

IICT GmbH India



Plenary Speakers

(09/10/2026 & 10/10/2026)

Title: Physical AI in Engineered Systems



Dr. Souvick Chatterjee

Technical Manager
MathWorks
India

Title: Security for Networked OT-Systems
in the Era of Intelligent Cybercrime



Dr. Axel Sikora

Professor
Offenburg University
Germany

Title: AI-Driven Wireless Networks



Dr. Manoj B S

Senior Professor
IIST Trivandrum &
Distinguished Lecturer
IEEE Communications Society



Keynote Speakers

(09/10/2026 & 10/10/2026)

Title: Next Generation Communi-
cation Networks: A Technical
Overview of 6G Research Items



Dr. Nishu Gupta

Assistant Professor
IIIT Lucknow
India

Title: Recent Trends in Image
Generation with Diffusion Models



Dr. Pravin Nair

Assistant Professor
Department of Electrical
Engineering
IIT Madras

Title: Best and Smart Practices for
Authoring Technical Documents.



Dr. K.C. Raveendranathan

Retired Principal
College of Engineering
Trivandrum
India

Title: From Neurons to Agents:
Navigating the Frontiers, Fallacies,
and Future of AI



Dr. Sunil T T

Director ICFOSS
Kerala
India



Industry Speakers/Panel Discussion (Topic: AI, Smart Energy and Communication Technologies for Sustainable Development)

(10/10/2026 FN Session)

Dr. Souvick Chatterjee

Technical Manager
MathWorks India



Sangeeth S Nambiar

Director Innovation and Research
Partnerships Bosch Global Software
Technologies Pvt. Ltd Bangalore, India



Reshma P.P

Director, System Design | Hardware &
Platform Architecture
Intel Corporation, Bengaluru, India



Dr. Sunil T T

Director ICFOSS
Kerala
India



Dr. Axel Sikora

Professor
Offenburg University
Germany



Conference program also includes technical paper presentation sessions on related tracks and Exhibition stalls