



INDIAN INSTITUTE
OF TECHNOLOGY
KHARAGPUR



PLATINUM JUBILEE CONFERENCE ON

FRACTIONAL ORDER SYSTEMS IN PRECISION ROBOTICS AND AUTOMATION

FOS'27

16–18 FEBRUARY, 2027

Vikramshila Complex,
IIT Kharagpur, India



Organised By

Department of Electrical Engineering
Indian Institute of Technology Kharagpur

FOS'27 commemorates the Platinum Jubilee of IIT Kharagpur and celebrates its enduring legacy of excellence in research, innovation and technological advancement.

<https://fos27.iitkgp.ac.in>

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ABOUT THE CONFERENCE

Fractional-order systems have emerged as a powerful framework for modelling, analysis and control of complex dynamical systems with memory and hereditary characteristics. They find wide applications in precision motion control, robotics, automation, smart materials, signal processing, power systems, biomedical engineering and cyber-physical systems.

FOS'27 aims to bring together leading researchers, academicians, industry professionals and students worldwide to exchange ideas, present cutting-edge research and discuss future directions in fractional-order science and engineering.

The conference will feature plenary talks by internationally renowned experts, invited lectures, technical paper presentations, special sessions, tutorials, industry interactions and networking opportunities.



IMPORTANT DATES



Paper Submission Starts 15 JULY, 2026



Paper Submission Deadline 01 SEPTEMBER, 2026



Notification of Acceptance 15 OCTOBER, 2026



Camera-ready Submission 15 NOVEMBER, 2026



Early-bird Registration Deadline 15 DECEMBER, 2026



Final Registration Deadline 15 JANUARY, 2027



CONFERENCE AT A GLANCE



Conference Dates : 16–18 February, 2027



Venue : Vikramshila Complex,
IIT Kharagpur, India



Organised By : Department of Electrical
Engineering, IIT Kharagpur



Website : <https://fos27.iitkgp.ac.in>



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ABOUT THE DEPARTMENT

The Department of Electrical Engineering, IIT Kharagpur, established in 1951, is one of the largest and most reputed departments in India. It offers a comprehensive range of programs and is actively engaged in cutting-edge research across multiple areas including control systems, power and energy systems, signal processing, robotics, VLSI, sensors and instrumentation and fractional order systems.

The department boasts world-class faculty, state-of-the-art facilities, and a vibrant research environment.



INVITED & PLENARY SPEAKERS



Prof. S. H. HosenNia
TU Delft, Netherlands



Prof. Ahmed Radwan
School of Engineering and
Applied Science, Nile
University, Egypt



Prof. Genia Denisov
Kazan Aviation Institute,
Russia



Prof. Farooq Ahmad Khanday
Kashmir University, India



Shantanu Das
Former Scientist G, BARC,
Mumbai, India



Prof. Dingyu Xue
Northeastern University,
Shenyang, China



Prof. Riccardo Caponetto
University of Messina, Italy



ORGANISING COMMITTEE

Patron	Director, IIT Kharagpur
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Technical Program Chair & Co-Chair	Prof. Sourav Patra Prof. Kaustav Dey
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Publicity Chair	Prof. Arpan Hota



WE LOOK FORWARD TO WELCOMING YOU
TO FOS'27 AT IIT KHARAGPUR



— REGISTRATION DETAILS WILL BE ANNOUNCED SOON —