Technology Innovation Hub on Autonomous Navigation and Data Acquisition systems (IIT Hyderabad)- IIITDM Kancheepuram Organizes

Three days Workshop
on
Multimedia Signal Processing and analysis From Theory to Practice

(Hybrid Mode)
15-17 December, 2024

in association with
Advanced Signal and Image Processing (ASIP) Lab, Department of Electronics & Communication Engineering Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram

About IIITDM Kancheepuram

The workshop will be organized by the Department of Electronics and Communication Engineering, Indian Institute of Information Technology Design & Manufacturing (IIITDM Kancheepuram), Chennai. It is a Centre of Excellence for technical education and research established in 2007 by the Ministry of Human Resource Development, Government of India. To pursue design and manufacturing-oriented engineering education and research and for promoting the competitive advantage of Indian products in global markets. The Institute is presently offering UG, PG, and Ph.D. programs in Computer Engineering, Electronics and Communication Engineering, and Mechanical Engineering

About TIHAN-IIT Hyderabad

Technology Innovation Hub on Autonomous Navigation Systems (TIHAN) at IIT Hyderabad is a premier initiative under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), funded by DST, Government of India. TIHAN hosts India's first testbed for autonomous vehicles, providing a realistic environment for testing and validation. It promotes interdisciplinary research in AI, robotics, IoT, and cyber-security while fostering innovation through startup incubation and funding opportunities

About the Workshop

This workshop is focused on recent trends and developments in advanced mathematical analysis and processing techniques of multimedia data which includes source generated content, channel errors and compression methods of 2D image and video, 3D stereoscopic image and video, Virtual reality and AR content, biomedical, photoacoustic, thermal imaging and sensing, etc. The key topics to be covered are:
- Multimedia Processing
- Neural Network methods
- Hands-On-Training session

About the Speakers

Experts from Academia (IITs, IIITDMs, etc.) will be delivering talks along with a few hands-on training sessions.

Targeted Participants

UG/PG Students, Ph. D Scholars, Academicians, and Industry professionals.

Certification

Certificates will be provided to those participants who will attend program.

Course Material

Lecture slides and other reference materials will be shared with the registered candidates.

Registration

Participants interested to attend the workshop should register online in the below mentioned link or uisng QR code

Link: https://forms.gle/zsuXKvyzeiGBFt7X7

Last date for Registration: 14th Dec 2024

Important Information to Participants

- **Registration is paid and mandatory** for all participants.
- Seats are limited (only 30) and the participants will be selected based on first come first serve.
- The workshop will be conducted in hybrid mode.
- After last date of registration, shortlisted candidates will be informed through email.
- Participants will be provided with registration kits.
- **Certificates will be provided to all the participants.**
- Snacks, Lunch and High-tea will be arranged.
- **No** TA/DA will be provided

Organising Committee:

Patron
Prof. M. V. Karthikeyan, Director
IIITDM Kancheepuram, Chennai

Co-Patron
Dr. B Chitti Babu,
Head of the Department
IIITDM Kancheepuram, Chennai

Conveners
Dr. Priyanka Kokil,
Associate Professor,
IIITDM Kancheepuram, Chennai

Dr. Appina Balasubramanyam,
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Advanced Signal and Image Processing (ASIP) Lab:
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