



2024 IEEE Technically Co-Sponsored
International Conference on Communication, Computing, Smart Materials and
Devices 2024 (ICCCSMD 2024) –
First Edition Preconference

WORKSHOP

RESEARCH AND INNOVATION TRENDS IN DRONES-IDEA TO PRODUCT

Drones, have witnessed exponential growth in both commercial and research domains over the past decade. Their versatility, ranging from military applications to consumer products, has sparked tremendous innovation. Research and technological advancements are continually reshaping the drone industry, with several emerging trends pushing the boundaries of drone capabilities.

1. Advanced Autonomous Navigation

One of the most significant areas of research in drones is autonomous navigation. Autonomous drones use advanced algorithms, machine learning, and artificial intelligence (AI) to make real-time decisions about their path, obstacle avoidance, and mission execution without human intervention.

2. Swarming Technology

Swarming technology allows multiple drones to work together seamlessly, mimicking the behavior of swarms in nature.

3. Artificial Intelligence (AI) and Machine Learning (ML)

AI and ML are transforming the way drones operate and interact with their environment.

The workshop in this area, will provide wide spread benefit for engineers, research scholars and also for the students, who are willing to pursue their studies and research in this emerging technology.

RESOURCE PERSON : Dr. Suresh Kumar, Chair Person, 360 degree Group of Companies, Chennai.

Last date to register: 12th DEC 2024
Event date: 18th DEC 2024
Venue: Microprocessor Laboratory,
Department of ECE, CEG, Anna
University, Chennai-25



PAYMENT DETAILS:

Registration Fee: Rs.500/.

The registration fees can be paid through NEFT/UPI

NEFT Details

Account Name: ICCCSMD

Account Number: 43296789290

Account type : Savings account

Bank and Branch: SBI Anna University Branch

IFSC : SBIN0006463

SWIFT code: SBININBB

(overseas participants)



Registration Link: <https://forms.gle/PBa2Y2r99godNbwc8>

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