

## ABOUT NIT, TIRUCHIRAPPALLI

The National Institute of Technology, Tiruchirappalli (NITT), started in 1964 with a view to catering the needs of manpower in technology for the country. NITT is ranked first among all 31 NITs for the third time and eight among all the technical institutes in India by the National Institute Ranking Framework (NIRF). NITT is witnessing exponential growth in Academic and R&D activities.

## ABOUT TiHAN, IIT HYDERABAD

Department of Science & Technology (DST), Govt. of India under the National Mission on Interdisciplinary Cyber - Physical Systems (NMICPS), has sanctioned the prestigious Technology Innovation Hub (TiHAN) to IIT Hyderabad in the technological vertical of Autonomous Navigation and Data Acquisition System. NMICPS TiHAN Foundation will act as an engine of growth that would benefit national initiatives in health, education, energy, environment, agriculture, strategic cum security & industrial sectors, Industry 4.0, SMART cities, Sustainable Development Goals, etc.

## TOPICS TO BE COVERED

- Introduction to Autonomous system
- Sensors & AI concepts for Automobiles
- ADAS / DMS features such as Antilock braking system, collision warning, Automatic parking, etc.
- Navigation systems
- Hands-on sessions: Sensor interfacing, Detection, Tracking & Road safety, etc.

## WHO CAN PARTICIPATE?

Faculty Members, Research Scholars, ITI/ Polytechnic/ UG/ PG Students from all universities/ institutes/ colleges, and Industry professionals.

## RESOURCE PERSONS

Faculty members from reputed academic institutes and experts from Industry.

## REGISTRATION

The registration fee includes workshop material, lunch and refreshments for all days. The registration fee for the workshop is as follows:

Category	Registration Fee
Academic Institution (Student)	Rs.1000/- + 18% GST
Faculty & Industry Professional	Rs.2000/- + 18% GST

## PAY USING



Interested candidates are requested to fill and submit the following form on or before **1<sup>st</sup> June 2023**:

<https://forms.gle/kDJtFa6gRVGC6Qfn6>

**Max. No. of Participants: 50**

## ACCOMMODATION

Accommodation for participants will be arranged in the institute hostels/guest house on a request and payment basis.

## PROGRAM DETAILS

The mode of conduct of the workshop will be physical mode at NIT, Tiruchirappalli. E-certificate will be issued jointly by TiHAN, IIT Hyderabad and NIT, Tiruchirappalli to the participants upon successful completion of the workshop and assignments.



Sponsored

**FIVE DAY WORKSHOP**

On

**Advanced Driving Assistance, Monitoring Systems with Hands-on Training**

05<sup>th</sup> June 2023 – 09<sup>th</sup> June 2023

Organized by



**Department of Computer Science & Engineering**

**NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI, INDIA**

**COORDINATOR**

**Dr. M. Sridevi**

Department of CSE, NITT

For any clarifications, please contact:

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