



ज्ञान-विज्ञान विमुक्तये

**Sponsored by**  
**University Grants Commission**



**Organized by**

**UGC – Malaviya Mission Teacher  
Training Centre, Jawaharlal Nehru  
Technological University Hyderabad,  
Kukatpally, Hyderabad, Telangana.**

### **About UGC-MMTTC, JNTUH:**

UGC-Malaviya Mission Teacher Training Centre (Formerly known as UGC-Human Resource Development Centre), Jawaharlal Nehru Technological University Hyderabad was established in the year 2000 and sponsored by University Grants Commission, New Delhi. The Malaviya Mission Teacher Training Centre of JNTUH organizes UGC sanctioned programme viz., Faculty Induction Programme, Orientation programme, Refresher Courses, Short Term Training programme, NEP Orientation & Sensitization programme and Workshops and AICTE sponsored STTP programme and Faculty Development programme, Outreach programme and other Self-Financing programme on thrust areas for in-service teachers and also for newly appointed teaching faculty on a regular basis, to update the knowledge and skills in their respective fields.

During the current academic year, One Week Short-Term Course on “**Intelligent Services Robots**” is proposed to be organized by UGC-MMTTC, JNTUH during 06-07-2026 to 13-07-2026, in **Online Mode**.

### **NO REGISTRATION FEE**

Certificate will be issued to the participants on successful completion of the course.

### **Major Course Contents:**

- Robotics: Basics
- Introduction to Artificial Intelligence (AI)
- Coordinate frames and Homogeneous transformation
- Kinematics and Inverse Kinematics
- Dynamics of robot manipulator
- Kinematics and Dynamics of Robots
- Introduction to Robotics
- Robot Kinematics and Dynamics
- Introduction to Mobile Robotics
- Kinematics and Dynamics of Robots
- Role of AI in Robotics
- Kinematics of a manipulator
- Guidance and Control of Autonomous Vehicles
- 3D Printing for Robots
- Funding Proposals schemes in India and Proposal Writing
- Machine Learning for Robots

## **One Week Short-Term Course on “Intelligent Services Robots” (Online Mode)**

**06-07-2026 to 13-07-2026**

**Sponsored by**  
**University Grants Commission**

**CHIEF PATRON**



**Prof. T. Kishen Kumar Reddy**  
Hon'ble Vice-Chancellor  
JNTUH, Hyderabad

**PATRON**



**Dr. A. Damodaram**  
Rector, JNTUH  
Hyderabad, T.S

**PATRON**



**Dr. A. Jaya Lakshmi**  
Registrar, JNTUH  
Hyderabad, T.S.

**CONVENER**



**Dr. M. Sushama**  
Director (I/c), UGC MMTTC,  
JNTUH, Hyderabad, T.S.

**COORDINATOR**



**Dr. K. Prasanna Lakshmi**  
Professor of JNTUH UCEJ

### Eligibility:

- The faculty members from the departments of Mechanical Engineering, CSE, IT, ECE, AIML, Data Science, Cyber Security, and related disciplines working in Universities and Colleges.
- The faculty members have to be sponsored by the concerned Principal of the College/Head of the Institution for considering the participation in the Programme.

### How to apply:

- The faculty members desirous to participate in the program are requested to register their details through online mode at <https://jntuhhrdc.in/delegate-registration> on or **before 3rd July 2026**.
- Login to UGC HRDC Portal and register as participant by visiting: <https://jntuhhrdc.in/delegate-registration>  
A filled-in form of application duly signed by the faculty member and forwarded by the Head of the Institution on the letter of Institution, should be uploaded in HRDC <https://jntuhhrdc.in/delegate-registration> portal on or before the last date.

### Confirmation by Participants:

- Confirmation by Participants is a must, as per the date specified overleaf. If the confirmed number of participants is less than 40, the course may be re-scheduled.

### Resource Persons:

- Resource Persons are drawn from different Universities, Institutions and Industries and R & D establishments.

### Selection Criteria:

- Selection will be done based on *first-come-first-serve basis* to a maximum number of 40. The list of selected participants will be intimated through E-mail.

### Important Dates:

Last date for the receipt of application through online: **3<sup>rd</sup> July, 2026**

Intimation of selection to the participants through e-mail: **4<sup>th</sup> July, 2026**

Course duration: **06-07-2026 to 13-07-2026**

Course Timings: **10.00 AM to 1.15 PM & 2.00 PM to 5.15 PM**

*Address for all Correspondence*

**Dr. M. Sushama**

**Senior Professor, Dept. of EEE & Director (I/c)  
UGC-Malaviya Mission Teacher Training Centre  
Jawaharlal Nehru Technological University  
Hyderabad, Kukatpally, Hyderabad –  
500085, Telangana.**

**Please contact: 8008103814**

**(All working days from 10.30 am to 5.00 pm only)  
or [directorhrdcjntuh@jntuh.ac.in](mailto:directorhrdcjntuh@jntuh.ac.in) for more  
enquiries about the Short-Term Course**

**Web: [www.jntuhhrdc.in](http://www.jntuhhrdc.in)**

### Instructions to the Participants for attending the Course:

- Filling the registration form is mandatory.
- Attendance for all the sessions, Completion of activities, assignments and online/offline tests given by the Resource Persons are mandatory.
- All sessions conducted to be attended offline in person.
- Limited seats are available on a First-Come-First-Serve basis.
- During the course, each teacher-participant will be required to work on a mini-Project/seminar on important topics related to the theme of this course.
- There will be an assessment test in the form of MCQ's. A certificate will be issued to those who have successfully attended the offline programme and qualified the assessment test.