



UGC Sponsored One-Week Online Short Term Course on “Real World IOT Applications” (19-08-2024 to 24-08-2024)



Organized by

UGC – MALAVIYA MISSION TEACHER TRAINING CENTRE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY, HYDERABAD, TELANGANA STATE

About UGC-MMTTC, JNTUH:

The 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 programmes viz., Faculty Induction Programmes, Orientation Programmes, Refresher Courses, Short Term Training Programmes, NEP Orientation & Sensitization Programmes and Workshops and AICTE sponsored STTP programmes and Faculty Development Programmes, Outreach Programmes and other Self-Financing Programmes 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, a two-week Refresher Course on “Real World IOT Applications” is proposed to be organized by UGC-MMTTC, JNTUH during **19-08-2024 to 24-08-2024**, through ONLINE.

Major Course Contents:

- Introduction of IOT
- IOT architectures and its applications
- IOT connectivity – cellular, satellite, WiFi, Blue tooth, LPWAN
- IOT Components Data analysis methodologies to solve IOT related problems
- Python programming for IoT
- User interface & experience in IOT for smart cities
- Challenges and design goals associated with IOT

NO REGISTRASION FEE

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



CHIEF PATRON

Sri. B. Venkatesham, IAS
Hon'ble Vice-Chancellor (i/c)
JNTUH, Hyderabad, T.S.

CONVENER

Dr. G.N. Srinivas
Sr. Professor, Dept. of EEE &
Director, UGC-MMTTC,
JNTUH, Hyderabad, T.S.



COURSE COORDINATORS:



Dr. D. Naga Sudha
Associate Professor,
Dept. of ECE, JNTUH UCEJ,
Jagtial, T.S.

Mrs. S. Praveen Babu
Assistant Professor,
Dept. of ECE, JNTUH UCE
Jagtial, T.S.



Eligibility:

- The faculty members from IT, CSE, ECE, ECM, Instrumentation, EEE and Mechatronics 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 15th August 2024**. Filling the online registration form is mandatory.
- A filled-inform of application duly signed by the faculty member and forwarded by the Head of the Institution. And letter of forwarding from the Head of the Institution, should be uploaded in HRDC <https://jntuhhrdc.in/delegate-registration> portal on or before the last date.

Resource Persons:

Resource persons are drawn from different Universities, Institutions and R&D establishments.

Selection Criteria:

Selection will be done based on *first-come-first-serve basis* to a maximum number of 80. The list of selected participants will be intimated through E-mail.

Important Dates:

Last date for the receipt of application through online	: 15 th August 2024
Intimation of selection to the participants through e-mail	: 16 ^h August 2024
Course duration	: 19-08-2024 to 24-08-2024
Course Timings	: 10.00 AM to 1.15 PM & 2.00 PM to 5.15 PM

Instructions to the Participants for Online Course:

- (1) Filling the registration form is mandatory.
- (2) Attendance for all the sessions, Completion of activities, assignments and online tests given by the Resource Persons are mandatory.
- (3) All sessions will be conducted in Google Meet.
- (4) Link will be provided a day in advance.
- (5) Limited seats are available on a First-Come-First-Serve basis.
- (6) During the course, each teacher-participant will be required to work on a mini Project important topics related to the theme of this course

Address for all Correspondence:

Dr. G.N. Srinivas

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UGC-Malaviya Mission Teacher Training Centre
Jawaharlal Nehru Technological University Hyderabad
Kukatpally, Hyderabad – 500 085, Telangana State

Please contact: 8008103814 (All working days from 10.30 am to 5.00 pm only)
or directorhrdcjntuh@jntuh.ac.in for more enquiries about the Short Term Course

Web: www.jntuhhrdc.in