# "INTERNET OF THINGS"
**(07th – 19th September, 2020)**

## Organized by
### UGC–HUMAN RESOURCE DEVELOPMENT CENTRE
### JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
### KUKATPALLY, HYDERABAD, T.S.

### About UGC-HRDC, JNTUH:

The UGC-Human Resource Development Centre (formerly known as UGC-Academic Staff College), Jawaharlal Nehru Technological University Hyderabad, was established in the year 2000 and sponsored by University Grants Commission, New Delhi. The UGC-Human Resource Development Centre organizes Orientation Programmes, Refresher Courses, Short Term Courses and Workshops 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 2020-2021, a two-week online Interdisciplinary Refresher Course on **"Internet of Things"** is proposed to be organized during **07-09-2020 to 19-09-2020**. The number of participants is limited to a maximum of 40, and the selection will be based on the priority of 'first-come-first-serve'.

### Major Program Contents:

- **Introduction to IoT**
- **IoT Architecture**
- **Applications of IoT**
- **Networking Technologies for IoT**
- **Home Automation using IoT**
- **IoT Programming using Aurdino**
- **Understanding of IoT with Raspberrypi**
- **Python programming for Raspberrypi**
- **Industrial IoT on Google cloud platform**

### Eligibility:

- The faculty members working in Universities and Colleges from the departments of **CSE, IT, Computational Linguists, EEE, ECE, Bio-Informatics** and related disciplines.
- 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.

### Registration Fee Particulars:

The Registration fee for the course is **Rs. 1000/- (Rupees One Thousand Only)** to be paid through online payment mode. Certificate will be issued to the participants on successful completion of the course.

**Dr. G.K. Viswanadh**
Professor of Civil Engineering &
Director
UGC-HRDC, JNTUH, Hyderabad

**Course Coordinator**
**Dr. B.V. Ram Naresh Yadav**
Assoc. Professor, Dept. of CSE
JNTUH CES, Sultanpur, T.S.

## 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 01$^{st}$ of September, 2020.
- Filling the online registration form is mandatory.
- A filled-in form of application duly signed by the faculty member and forwarded by the Head of the institution and Sponsorship certificate from the Head of the Institution, should be uploaded in HRDC portal on or before the last date.

## Resource Persons:

Resource Persons are drawn from IITs, NITs, IIITs, JNTUH and different Universities, Industries and R&D organizations.

## 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 | : | 01$^{st}$ September, 2020 |
| Intimation of selection to the participants through e-mail | : | 03$^{rd}$ September, 2020 |
| Course duration | : | 07$^{th}$ – 19$^{th}$ September, 2020 |
| 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 on WebEx.
(4) Link will be provided a day in advance.
(5) Limited seats are available on First-Come-First-Serve basis.

### Address for all Correspondence:

### Dr. G.K.Viswanadh
**Professor of Civil Engineering &**
**Director, UGC-Human Resource Development 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 Refresher Course**
**Web: www.jntuhhrdc.in**