



## ONLINE SHORT TERM TRAINING PROGRAMME

(Sponsored By AICTE)

### “Role of Statistics in Machine Learning and Data Science”

(29-11-2021 to 04-12-2021)

Organized by

UGC – HUMAN RESOURCE DEVELOPMENT CENTRE  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
KUKATPALLY, HYDERABAD, TELANGANA STATE

#### 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 the University Grants Commission, New Delhi. The UGC-Human Resource Development Centre organizes Faculty Induction Programmes, Orientation Programmes, Refresher Courses, Faculty Development Programmes, Short Term Training Programmes 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 2021-22, a one-week AICTE sponsored Short Term Training Programme on “Role of Statistics in Machine Learning and Data Science” is proposed to be organized by HRDC, JNTUH in association with the Dept. of Mathematics, Geethanjali College of Engineering and Technology, Hyderabad, Telangana State, during 29-11-2021 to 04-12-2021 through ONLINE.

#### ABOUT GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY:

Geethanjali College of Engineering and Technology (GCET), UGC autonomous institution, was established in 2005. The college offers undergraduate programmes in CSE, CSE-AI&ML, IoT, CS, DS, ECE, EEE, CE, ME and IT. College also offers Post Graduate programmes in MBA and M.Tech. The college is recognized as Scientific and Industrial Research Organization (SIRO) by Department of Scientific and Industrial Research (DSIR), New Delhi. Several projects sanctioned by DST, DRDO, SERB, JNTUH-TEQIP-III were carried/carrying out in the college.

#### MAJOR COURSE CONTENTS:

- Fundamentals of Data Science and Machine Learning
- Basic concepts of Statistics
- Testing of Hypothesis and Parametric Estimation
- Predictive Analytics
- Statistics for Machine Learning
- Hands on Experience with R

#### ELIGIBILITY:

- The faculty members from the departments of Mathematics, Statistics and Computer Science & Engineering, working in AICTE approved Institutions and Industry Professionals.



**CHIEF PATRON**  
**Prof. Katta Narasimha Reddy**  
Vice-Chancellor  
JNTUH, Hyderabad, T.S.

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



**COURSE COORDINATOR:**  
**Dr. V. Suseela Triveni**  
Professor of Mathematics  
Geethanjali College of Engineering and  
Technology  
Cheeryala (V), Keesara (M)  
Hyderabad, T.S.



### **REGISTRATION FEE PARTICULARS:**

- **There is No Registration fee for participation.**  
E-certificate will be issued to the participants on successful completion of the course.

### **HOW TO APPLY:**

- The faculty members desirous to participate in the program are requested to register their details through online mode at <http://jntuhhrdc.in/delegate-registration> on or before 22<sup>nd</sup> November, 2021. For further queries, please mail us at: [directorhrdcjntuh@jntuh.ac.in](mailto:directorhrdcjntuh@jntuh.ac.in)
- Filling the online registration form is mandatory.
- A filled-in form of application duly signed by the faculty member, forwarded by the Head of the Institution and letter of forwarding from the Head of the Institution, should be uploaded in HRDC portal on or before the last date.

### **SELECTION CRITERIA:**

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

**RESOURCE PERSONS:** Resource Persons are drawn from the IITs/NITs and other reputed Academic Institutions, Industries and R & D organizations.

### **IMPORTANT DATES:**

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| <b>Last date for the receipt of application through online</b>    | : | <b>22<sup>nd</sup> November, 2021</b>                   |
| <b>Intimation of selection to the participants through e-mail</b> | : | <b>24<sup>th</sup> November, 2021</b>                   |
| <b>Course Duration</b>  | : | <b>29-11-2021 to 04-12-2021</b>                         |
| <b>Course Timings</b>   | : | <b>10.00 AM to 1.15 PM &amp;<br/>2.00 PM to 5.15 PM</b> |

### **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**  
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Director, UGC-Human Resource Development Centre  
Jawaharlal Nehru Technological University Hyderabad  
Kukatpally, Hyderabad– 500 085, Telangana State  
Contact us: 8008103814 (All working days from 10.30 am to 5.00 pm only)  
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