

## MODE

**ONLINE** (Google meet)

## IMPORTANT DATES

Last Date of Registration: **04.12.2020**

Intimation of selection: **07.12.2020**

## OTHER DETAILS

- ➔ Attendance is mandatory for all sessions.
- ➔ Assessment test will be conducted for participants.
- ➔ E-certificate will be issued based on the session attendance and performance in the assessment test.

## FOR FURTHER DETAILS CONTACT

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## Chief-Patron

### Sri. J. Sagar Rao

Chairman,  
Jyothishmathi Group of Institutions

### Sri. J. Sumith Sai

Secretary & Correspondent  
Jyothishmathi Group of Institutions

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### Dr. G. Lakshmi Narayana Rao

Principal  
Jyothishmathi Institute of Technology & Science

## Convenor

### Dr. R. Jegadeesan

Head Dept. of CSE & Professor

## Chief Coordinator

### Dr. M. Sujatha

Professor, CSE

## Coordinator(s)

**Sri. P. Balakishan** Assoc. Prof. CSE

**Sri. N. Venkateswaran** Assoc. Prof. CSE

**Smt. P. Pranitha** Assoc. Prof. CSE

## Organizing Committee Members

**Dr. D. Srinivas** Assoc. Prof, CSE

**Sri. V. Malsoru** Assoc. Prof, CSE

**Smt. A. Jothi Prabha** Assoc. Prof, CSE

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**Sri. M. Ravinder** Assoc. Prof, CSE

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**Smt. G. Srilatha** Asst. Prof, CSE

**Smt. B. Uma Rani** Asst. Prof, CSE

**Sri. G. Ranjith Kumar** Asst. Prof, CSE

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**Sri. R. Satya Teja** Asst. Prof, CSE

**Sri. G. Srikanth** Asst. Prof, CSE

**Smt. A. Sharada** Asst. Prof, CSE



**JYOTHISHMATHI**  
GROUP OF INSTITUTIONS  
ENGINEERING | PHARMACY | MBA | B.ED  
Codes: JMITS, JMTC, JMIP



## AICTE - ISTE

Sponsored

**One week online**  
Induction/Refresher Programme  
on

# “MACHINE LEARNING USING R PROGRAM”

14<sup>th</sup> Dec to 19<sup>th</sup> Dec 2020

Organized by

Department of Computer Science  
and Engineering

**JYOTHISHMATHI**  
Institute of Technology & Science

📍 Nustulapur, Karimnagar 505481

🌐 [www.jits.ac.in](http://www.jits.ac.in)

## ABOUT THE INSTITUTION

Jyothishmathi Institute of Technology and Science was established in the year 1997 as a self-financing engineering institution by Shalini Vidya Samstha, under the Chairmanship of Sri. Juvvadi Sagar Rao, a philanthropist and great visionary, having vast experience in successfully running the Jyothishmathi Group of Institutions. The institution is approved by All India Council for Technical Education (AICTE), New Delhi and is affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad. The institution vision is to impart futuristic technical education and instill high patterns of discipline among students through effective teaching-learning process. Over the past 23 years, the institution has set global standards, making the students technologically superior and ethically strong. The institution has bagged 5 university gold medals for its academic excellence. The Institution is awarded as the “Best Innovative College” by Telangana State Innovation Cell, Government of Telangana in Start-up India Telangana yatra 2018.

## ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering was established in the year 1997. The department of CSE provides a strong foundation in critical thinking and problem solving. Innovation as the tag line, the department focuses on nurturing the talents of the students providing the required expertise by highly qualified and experienced faculty of the department. The students are well trained on software and hardware platforms with latest computing facilities. The students are kept abreast on latest technological trends through hands on Training sessions, Guest Lectures and Workshops on Cutting Edge Technologies like Cloud computing, Data science, Artificial intelligence and Machine learning. The department offers 2 UG courses (B.Tech in Computer Science and Engineering & B.Tech CSE-Artificial Intelligence and Machine learning) and 1 PG course (M.Tech in Computer Science and Engineering).

## ABOUT THE PROGRAMME

In the latest technology trend, organizations are looking for the intelligent automation tools to solve business challenges, productivity increase, efficiency, and accuracy which results in benefit to the organization. It is predicted that in the next few years' machine learning will lead all the engineering domains. Machine learning is the scientific study of algorithms and statistical models that computer systems use to perform a specific task without using explicit instructions, relying on patterns and inference instead. Machine Learning tasks include conceptual learning, predictive modeling, clustering, and pattern recognition. The goal of machine learning is to discover complex patterns in the data and build a predictive model to solve real-time problems. Statistics is a basis to build predictive models using machine learning. R programming is specialized and well-suited for statistics, helpful at every step in data analysis and data visualization in terms of packages, implementation details and final aesthetic results for visualizations. This Refresher programme promises to provide teachers hands-on training in R Programming and industry connect for sharing real life case studies.

## OBJECTIVES OF THE PROGRAMME

- ➔ To familiarize the faculty members with data analytics, machine learning and its real-life applications.
- ➔ To provide understanding of statistics and hands-on training on R programming which will help the participants to carryout various analytical studies.
- ➔ To train faculty on data exploration, data modeling, analytics and visualization.
- ➔ To provide a platform for faculty members to interact with academicians and industry experts from these domains.

## RESOURCE PERSONS

Distinguished academicians from renowned institutes like IIT's, NIT's and other institutes and industry experts/ trainers working in the domain of Machine Learning and R Programming will be the resource persons for the refresher programme.

## INTENDED AUDIENCE

Faculty members and Research Scholars from AICTE Approved Institutions.

## REGISTRATION

- ➔ Free Registration.
- ➔ Registration limited to 100 participants on First-Come First Serve basis.
- ➔ Participants are requested to register by filling the Google form through the registration link provided.

## REGISTRATION LINK

<https://forms.gle/teS31gnQEjg3fx9j9>

