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## Resource Talk

### Dr. Dinesh Kumar

Scientist-E, DRDO Chandigarh

### Dr. Shashank Singh, Ph.D

Assistant Professor-CSE, KIET Group of Institutions

### Dr. Sandeep Kumar, PhD, Post Doc\*

Professor-SIET, Hyderabad.

### Dr. Abishek Bhola, Ph.D

Assistant Professor, Chitkara University, India

### Dr. Rahul Hooda, Ph.D

Assistant Professor, State University, Haryana, India

### Dr. Sanjay Sharma, Ph.D

Assistant Professor, State University, Shimla, India

## Registration Link

<https://forms.gle/esehpydmMzhWYeRG8>

Registration Fee : Nil

Last date of Registration: 30/05/2021

## Contact Us

### Dr. Sandeep Kumar

Phone: 8247322147

Email: drsandeep@sreyas.ac.in



One Week Online Faculty Development Programme

On

**MACHINE LEARNING BASED APPLICATIONS**

31<sup>st</sup> May - 6<sup>th</sup> June , 2021

Organized by:

Department of Electronics and Communication Engineering



# SREYAS

INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUH Hyderabad.)

Accredited by NAAC & NBA

Bandlaguda, Nagole, Hyderabad - 500068.

Website: www.sreyas.ac.in

### About the Institute:

Sreyas Institute of Engineering and Technology (SIET), sponsored by Sreyas Educational Society is established in the year 2011 in the state of Telangana by eminent educationists with a social conscience and commitment. The institution with a vision of serving the society through value-based education has been making a mark in the educational map of this region. Sreyas Institute is located in a sprawling campus of about 10.02 acres, amidst sylvan surroundings with aesthetically built infrastructure.

The institute offers academic programs with innovative curriculum, advanced research in cutting-edge technologies and societal engagement through outreach activities. It has grown in its size and stature

over the years with an initial intake of 300 to 720 students. The placements have reached new avenues with more than 300+ companies conducted interviews. Within a span of short time the Institute has grown in all the dimensions.

SIET is one of the premier Engineering Colleges in Telangana. The institute currently offers six undergraduate programmes (B. Tech) – Computer Science and Engineering; CSE Data Science; CSE Artificial Intelligence and Machine Learning; Electronics and Communication Engineering ; Mechanical Engineering and Civil Engineering. The institution was accredited by NAAC and by National Board of Accreditation (NBA).

### About the Department:

The Department of Electronics and Communication Engineering was established in the year 2011 with an intake of 120 students and is increased to 240 in the year 2013. The main objective of the Department is to impart students with the knowledge of innovation, research and ethics. All through its sparkling history of 9 years, the Department of ECE has been known for its exceptionally strong Under-Graduate and Post Graduate programs. One student of this department was awarded with a Gold Medal by JNTUH for his exceptional performance in UG with 86% and is ranked third in the university in the year 2018. Many students from the department are either pursuing their Master's in various reputed universities around the world or working in reputed IT companies like TCS, CTS, Accenture etc. The Department has around 35 well qualified and experienced faculties. The Department has 13 well equipped laboratories and well stacked department library.

### The major attractions of the Department:

- The Centre of Excellence (COE) to provide a student leadership, best practices, research, support and/or training to meet the industrial standards in four major areas like Signal Processing and Communication Systems, VLSI, IoT and Antennas.
- We have Established CISCO Centre of Excellence Laboratory under Cisco Networking Academy where many students have undergone training for practical sessions to meet industry requirements.
- We have Remote Centre for IIRS Dehradun and IIT Mumbai.
- IEEE student chapter, Signal Processing Society, ISTE, NPTEL Local chapter to facilitate effective interaction with the industry and academia through seminars / symposia/ workshops.

- Total number of Faculty publications in last 3 years is around 110.
- We have strong group of well experienced faculties who give GATE coaching to the students within the college hours
- There are 3 Ph.D holders and most of the faculties are pursuing Ph.D.

### About FDP:

Machine learning is a branch of artificial intelligence focused on building applications that learn from data and improve their accuracy over time without being programmed to do so. AS it is evident from the name, it gives the computer, which makes it more similar to humans: learning. Machine learning is actively used in many applications. This program aims to provide a better understanding of machine learning-based applications using the following content.

### Course Content

- Introduction to Machine Learning and its applications.
- Machine Learning in Biometrics.
- Machine Learning in Embedded System
- Machine Learning in Medical Image Processing.
- Machine Learning in Renewable Energy.
- Machine Learning in the field of Bio-Informatics.

### Course Highlights

- Soft Copy of training PPT's.
- Mentoring through WhatsApp groups and E-mail.
- Doubt sessions to solve the doubts.
- Certificate of completion for Institutions, Research Scholars and Industry experts.