SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES, CHITTOR (AUTONOMOUS)

Department of Computer Science and Engineering (Data Science)

WELCOME YOU ALL TO THE GUEST LECTURE
ON
"ROLE OF MACHINE LEARNING IN IOT"

DR. KARTHIK N
(NIT, PUDICHERY)

13 OCT 2023
TIME: 10AM TO 12 PM

VENUE :: GALLERY

2023

Advisory Committee

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COORDINATOR
MRS. R KARUNIA KRISHNAPRIYA

**Sreenivasa Institute of Technology and Management
Studies(Autonomous)-Chittoor - 517127
Department of Computer Science and Engineering
(Data Science)**

Guest Lecture on "Role of Machine Learning in IOT"

Date: 13-10-2023

Introduction: Machine learning for IoT can be used to **project future trends, detect anomalies, and augment intelligence by ingesting image, video and audio**. Machine learning can help demystify the hidden patterns in IoT data by analyzing massive volumes of data using sophisticated algorithms. The issues like data quality, security & scalability—need to be resolved. However, the potential advantages of machine learning in IoT applications are significant and will keep this industry innovative. As such, organizations need to invest in developing machine learning capabilities to maximize the potential of IoT. With the proper integration of machine learning and IoT, organizations can optimize operations, enhance user experience, and improve sustainability, among other benefits.

In this guest lecture, the Resource Person explained about how Machine learning has become an essential tool for developing IoT applications and how Machine learning algorithms can be used for predictive maintenance, anomaly detection, personalization, environmental monitoring, resource optimization & smart transportation and various Industrial insights. The session ended with an online quiz competition and valedictory function.

Speaker Details	: Dr Karthick N, Asssistant Professor, NIT, Pudhuchery
Co ordinator	: Mrs R Karunia Krishnapriya, Associate Professor.
Date	: 13-10-2023
Target Audience	: III CSE-DS Students and I MCA Students
Organized By	: CSE-Data Science Department

Guest Lecture on "Role of Machine Learning in IOT"

Date: 13-10-2023   Time: 10.00AM to 1.00PM   Venue: Gallery