

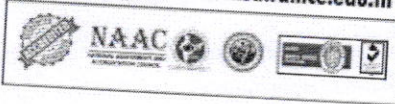


Sri
SAIRAM

COLLEGE OF ENGINEERING

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Anekal, Bengaluru. www.sairamce.edu.in



Department of



ELECTRONICS & COMMUNICATION ENGG.

Organizing

Webinar on

**“MACHINE LEARNING
USING PYTHON”**

on 28th November 2022 @ 9.30 AM



Speaker

Prof. Arunjit Chowdhury

CEO, Enterprise Building Training Solutions



Sairam
INSTITUTIONS

Prof. Mohanthy K
coordinator

Dr. T N Prabakar
Prof. & HOD, ECE

Dr. B. Shadaksharappa
Principal

Dr. Sri Sai Prakash LeoMuthu
Chairman & CEO, Sairam Institutions

Vision of the Institute

To emerge as a "Centre for excellence" offering Technical Education and Research opportunities of very high standards to students, develop the total personality of the individual, and instill high levels of discipline and strive to set global standards, making our students technologically superior and ethically strong, who in turn shall contribute to the advancement of society and humankind.

Mission of the Institute

We Dedicate and commit ourselves to achieve, sustain and foster unmatched excellence in Technical Education. To this end, we will pursue continuous development of infrastructure and enhance state-of-the-art equipment to provide our students a technological up-to-date and intellectually inspiring environment of learning, research, creativity, innovation and professional activity and inculcate in them ethical and moral values.

Vision of Dep.

Producing competent engineers with innovative ideas to meet the global needs and standards

Mission of Dep.

M1. To produce graduates with technical expertise, professional attitude & ethical values

M2. To reform the potency of Engineering through exploration-based learning

M3. To create a passion amongst students for contributing to research by providing industry-oriented training.

M4. To inculcate in the graduates, the thirst for self-learning & guide them to obtain knowledge in their chosen field.

PEOs of Dep.

PEO1: To develop analytical technological skills with a professional attitude in the field of Electronics and communication Engineering.

PEO2: To reform self-learning with technical potency in industry- oriented training.

PEO3: To renew Industrial technologies with professional estimation through attained knowledge in their chosen field.

PEO4: To inculcate professional effectiveness with self-oriented Industrial ethical revolution.





01.12.2022

Report on 4 hours Workshop on "Machine Learning using Python"

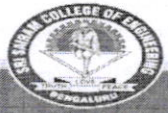


IQAC-Sri Sairam College of Engineering, & Department of Electronics and Communication Engineering organized a workshop on "Machine Learning using Python" online on 28.11.2022.

On 28.11.2022, the program started with Invocation and a welcome address by prof.Mohanthi K, Coordinator, Assistant professor ,ECE Dept. the importance of the workshop was briefed by Dr.Prabakar T N, HOD, ECE Dept., Presidential Address was given by Dr.B.Shadaksharappa, Principal, SSCE, the Guest prof.Arunjit Chowdhury was introduced by prof.Mohanthi K, Assistant professor, department of ECE then handed over to the speaker..

The speaker discussed about AI is simulation of human behavior. AI is classified into weak and strong AI. AI has evolved through the years. Machine learning can be defined as a deriving pattern based on learning experience. Machine Learning is classified into supervised, unsupervised and reinforcement learning. While programming we import the necessary files to execute the Python codes. The execution process involves label and one encoder. We split and categorize the data. Then we use standard scaler or minmax scaler is used to scale the data which minimizes the complexity of the execution.

Totally 207 students were participated for this workshop from 2nd,3rd and 4th year ECE department. The workshop enlightened students in the domain of AI and machine learning. It provided deep insights on the process that machine learning incorporates. We also got to learn the real life applications of the subject with examples. The workshop also instilled the knowledge of python coding for machine learning. All in all, the workshop was highly informative. The topics to be discussed were well organized by the resource person.

Followed by Question and Answer session where many students involved actively. Program ended with vote of thanks by prof.Mohanthi K, Assistant Professor ,Department of ECE.

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COLLEGE OF ENGINEERING

Electronics and Communication Engineering

Welcome to a workshop on
"Machine Learning with Python"

Speaker
Prof. Arunjit Chowdhury
CEO, Enterprise Building Training Solutions

Date: 28th November 2022 @ 9.30AM