Gandhinagar Institute of Technology
A Report on
"Expert Session on Machine Learning with Python"
(15th February, 2022)

Event Overview:

Gandhinagar Institute of Technology, managed by Platinum Foundation organised an expert session on "Machine Learning with Python" on 15/02/2022, Tuesday with consideration of all the COVID-19 guidelines provided by government of India. The expert session was organized for 6th semester students by the Information Technology Department of GIT under the guidance of Dr. H. N. Shah (Director, GIT). Dr. Nisha V. Khurana, Associate Professor, Information Technology Department from Information Technology Department has conducted the session. The 6th semester students and faculty members of IT has attended the session in seminar hall.

Objective:

The objective of the seminar was to edify the students about the recent trends and technologies related to Machine Learning and Python. The major objective was to enlighten the student about the scope of Machine Learning and aware them about Python Programming and its benefits.

Session Overview:

The seminar was attended by 52 students and faculty members of Information Technology Department. The session started with introduction by an expert regarding Machine learning and Python. Session was divided into two parts. In first part various concepts of Machine Learning were discussed like Introduction, Difference between AI, ML and DL, types of Machine Learning. Expert gave a brief knowledge about difference between supervised and unsupervised machine learning, difference between traditional and Machine learning programming paradigm, applications, prerequisites, importance of knowledge of statistics. Also discussed that how to create a model in machine learning. In the second part, Concepts of Python programming and usages were discussed. The session was concluded by solving the student's query and discussing the future scope of Machine Learning and Python in industry needs and help them to create project in their final year.

Glimpse of Session:

Introduction and Welcome by Expert

Intitation of Session by Dr. Nisha V. Khurana

Session Conduction by Dr. Nisha V. Khurana

Discussion Session between students and expert Dr. Nisha V. Khurana