



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY **(Autonomous Institution – UGC, Govt. of India)**

A brief report on one week training “Microsoft Certification course on Machine Learning using Python” organized by the department of Computer Science and Engineering on Jan 28th to 2nd February 2019 for all III B.Tech Students.

One week training program on “**Machine Learning Using Python**” has been conducted with interactive hands-on sessions by the department of **Computer Science and Engineering** at Malla Reddy College of Engineering and Technology on **Jan 28th to 2nd February 2019** for all III B.Tech students.

Dr. V.S.K. Reddy, Principal, MRCET along with **Dr. D Sujatha, HOD, Department of CSE**, inaugurated the training session and motivated the students.

Dr. V.S.K. Reddy, Principal, MRCET, has motivated the students in learning current technologies which helps them in developing their coding skill sets. He always encourages the students to learn new technologies apart from their curriculum for their future benefits.

Dr. D Sujatha, HOD, Department of CSE, MRCET, formally welcomed the dignitaries and expert from **Cognitive creators Private Limited** in her opening address. She requested the students to pay eager attention to the training and emphasized upon the importance of learning new technologies and tools for the students.

The resource person **Mr. Gagandeep Thakur, Technical Director, Cognitive creators Private Limited** highlighted the importance of Machine learning and artificial intelligence with intensive hands-on sessions as well as the technical details of the workshop in his address.

Workshop coordinators - M. Samba Sivudu proposed the vote of thanks to all the dignitaries, guest and participants.

CONTENTS OF THE WORKSHOP

On 1st Day -Introduction of python was given and continued with its basics like Syntax of the program, data types, Arrays and Operators were explained and practically implemented by example programs. Students have been trained to install Anaconda, Jupyter which is an open source for python language.

On 2nd Day- Functions, Strings, loops using python was trained with hands on session.

On 3rd Day- Introduction to Machine Learning and Data Processing was introduced and the session was continued with some library functions and various regression algorithms.

On 4th Day-Explanation on Regression Models like Polynomial Regression and about the Data sets.

On 5th day- Explanation about Classifications algorithms and clustering algorithms like Logistic Regression, Naïve Bayes,. K-Nearest, Random Forest

On 6th Day- A case study was given to students in form of project on the above topics where students shown their ability in solving it. At the end of session an explanation on NLP was given to students.

At MRCET, we are sure that the students enhance their conceptual knowledge and harness their skills through continuous training and practice.









