

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS)

Report on
A Workshop on
DATA SCIENCE USING PYTHON
07 - 08 Jan 2020



Submitted by: Dr. P. Kuppusamy, Professor / CSE, MITS, Madanapalle

The MITS-AI-Team of CSE Department organized a Workshop on 07-01-2020 and 08-01-2020 titled “DATA SCIENCE USING PYTHON” for internal participants in collaboration with Bennet University under leadingindia.ai Program.

The Programme was inaugurated with an introductory session on Overview of Big Data & Machine Learning. It was followed by various sessions as per the schedule with strict compliance on attendance for participants. 40 Students from III CSE, III IT & III CSIT attended the workshop from MITS. The workshop schedule was planned with hands on training as follows:

Resource Persons: -

1. **Dr. Prahlada Rao B.B.** (Sr. Professor & Dean /CSE, MITS, Madanapalle)
2. **Dr. P. Kuppusamy** (Professor / CSE, MITS, Madanapalle)
3. **Dr. Y C A Padmanabha Reddy** (Asst. Professor / CSE, MITS, Madanapalle)
4. **Dr. K. Veningston** (Associate Professor / CSE, MITS, Madanapalle)

Date	Time	Topics	Resource Person
07.01.2020	9.45 am – 10.00 am	Inauguration	-
	10.00 am – 11.00 am	Overview of Big Data & Machine Learning	Dr. Prahlada Rao B.B
	11.15 am – 12.10 pm	Data Science Introduction & Jupyter Notebook Installation	Dr. P. Kuppusamy
	1.00 pm – 2.30 pm	Features Identification	Dr. Y.C.A. Padmanabha Reddy
	2.40 pm – 4.00 pm	Hands on Training in Visualization Tools	Dr. K. Veningston
08.01.2020	9.15 am – 10.50 am	Hands on Training in Pre-Processing	Dr. P. Kuppusamy
	11.00 am 12.10 pm	Hands on Training in Linear Regression Supervised algorithm	Dr. K. Veningston
	1.00 pm – 2.30 pm	Hands on Training in Logistic Regression Supervised algorithm	Dr. P. Kuppusamy
	2.40 pm – 4.00 pm	Hands on Training in K-means Unsupervised algorithm	Dr. Y.C.A. Padmanabha Reddy