



# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

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NAAC Accredited with A+ Grade, NIRF India Rankings 2021-Band : 201-250 (Engg.)  
NBA Accredited -B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA



## DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

### Report on Guest Lecture on "Machine Learning using Orange" On 21.04.2023(Friday)

Organized & Submitted by: Mr.M.SHANKAR, Assistant Professor, Department of CST.

Resource Person: Dr.S.Selvi, Professor & Head, Department of AI & DS,  
Builders Engineering College, Tiruppur, Tamilnadu.

Participants: II Year CST Department Students.

Attendance: 102 participants (Internal)

Mode: Online

**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(UGC-AUTONOMOUS INSTITUTION)  
[www.mits.ac.in](http://www.mits.ac.in) Madanapalle-517325, Annamayya Dist., Andhra Pradesh

**Organize One Day Guest Lecture on**  
**"Machine Learning using Orange"**  
in association with IICC

NATIONAL BOARD OF ACCREDITATION  
CIVIL, CHE, ECE, EEE, MECH, MBA & MCA

**IICC**  
Industry Institute Interaction Cell

**Resource Person**  
**Dr. S. Selvi**  
Professor & Head, Department of AI & DS,  
Builders Engineering College,  
Tiruppur, Tamilnadu.

**DATE**  
21.04.2023  
**Time**  
2.00 P.M to 4.00 P.M  
**Venue:**  
Seminor Hall - A

**Chief Patron**  
Dr. N. Vijaya Bhaskar Choudary  
Secretary & Correspondent  
  
Co-Chair  
Dr. Basabi Chakraborty  
Professor & Dean / CST

**Patron**  
Mrs. N. Keerthi  
Executive Director  
  
Convener  
Dr.M.Sreedevi  
Professor & Head / CST.

**Co-Patron**  
Dr. C. Yuvaraj  
Principal  
  
Coordinator of the Event  
Mr.M.Shankar  
Assistant Professor / CST.

**Department of Computer Science & Technology**

Department of Computer Science and Technology, has organized “**Machine Learning using Orange**” in association with IIC on **21.04.2023**(Friday), 02:00 PM to 4:00 PM.

**Objective:**

The aim of this guest lecture was to know Fundamentals of Machine Learning. Machine Learning is a process of using data to create a model, which then predicts or decides on an outcome for future data. Orange is a very visually pleasing open-source program that allows data analysis and visualization for all experience levels from chump to Chuck Norris. It uses a ‘drag and drop’ widget system to create work flows to take your raw input data to wherever your heart desires.

The Programme Started at 02:00 PM with a welcome address to all the audience by the **Mr. M.Shankar, Assistant Professor, Department of CST, MITS, Madanapalle.**

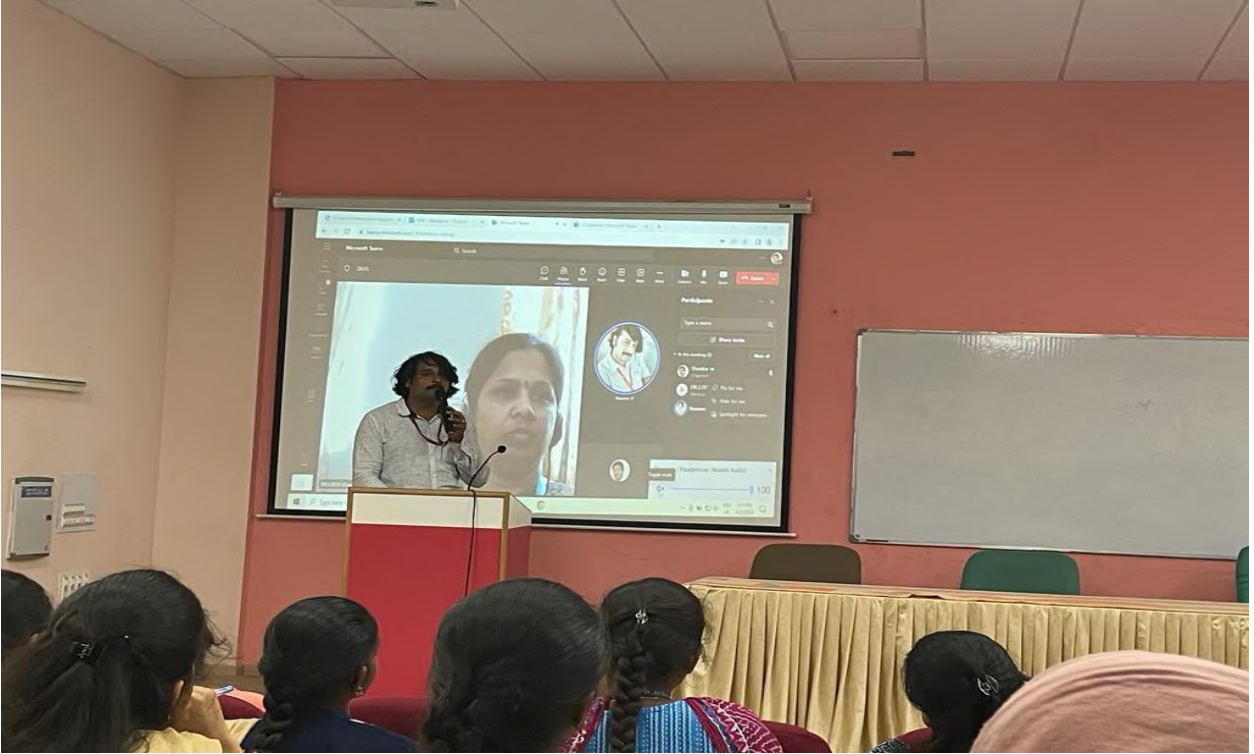
The resource person started the session by extending her hearty thanks to the participants, organizing members, HoD, Principal and Management of MITS Madanapalle for giving opportunity to share her knowledge and experience in “**Machine Learning using Orange**”.

The resource person delivered lecture on the following topics:

1. Machine Learning Fundamentals.
2. Introduction to Orange.
3. Installation Steps for Orange.
4. Eye-catching features of Orange.
5. ORANGE DATA MINING.
6. Files, Ranks, The Juicy Bits, Test and Score, Confusion Matrix and Predictions.

**Take-away from the session:**

- Machine Learning Basics.
- How to Install Orange.
- Working on the Orange Tool.
- How to Create Datasets and Linear Regression Model.







**Vote of Thanks:** The session was concluded at 04:00 PM followed by a vote of thanks, given by **Mr.V. Naveen, Assistant Professor, Department of Computer Science and Technology.**