



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS INSTITUTION - UGC, GOVT. OF INDIA)

Affiliated to JNTUH; Approved by AICTE, NBA-Tier 1 & NAAC with A-GRADE | ISO 9001:2015



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT ON

MACHINE LEARNING

In Association With

INTEL UNNATI

DATES: - 23rd October to 24th October 2024

VENUE: - IT Block Lab 5 (3007)

**MALLA REDDY COLLEGE OF
ENGINEERING AND TECHNOLOGY**
(Autonomous institution UGC, Govt. of India)

EEE

Department of Electrical and Electronics Engineering

Organizes
2 Days Workshop
On

Machine Learning

For Third & Fourth Year Students

In Association With
INTEL UNNATI

Date: 23rd October 2024 & 24th October 2024
Venue: IT Block Lab 5 (3007)

Dignitaries

Dr.VSK Reddy Director	Dr.S.Srinivasa Rao Principal	Dr.T.Venugopal Dean	Dr.M.Sharanya HOD
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Faculty Coordinators
Mr. U. Krishna Prasad & Mr. K. Aravinda Swamy

The Department of Electrical and Electronics Engineering (EEE) at MRCET, in collaboration with Intel Unnati, recently organized a two-day workshop on Machine Learning from 23rd October to 24th October 2024. This event aimed to introduce students to fundamental concepts and practical applications of machine learning, combining theoretical knowledge with hands-on experience. The workshop was divided into four sessions led by different faculty members, each specializing in various aspects of machine learning. Students had the opportunity to engage deeply with topics such as supervised learning, unsupervised learning, reinforcement learning, linear regression, logistic regression, and data cleaning.

The Principal inaugurated the workshop, highlighting the significance of the partnership with Intel Unnati and the widespread impact of machine learning across industries like healthcare, finance, and automation. The HOD also addressed the attendees, emphasizing the importance of practical skills and ethical considerations in developing intelligent systems. The workshop was marked by active participation, enriching discussions, and invaluable insights from industry experts. The event concluded with acknowledgments to support staff, organizers, participants, and the Malla Reddy College of Engineering and Technology (MRCET) for their contributions in making the workshop a success.

Key Concepts Covered:

- Types of Learning: Supervised Learning, Unsupervised Learning, Reinforcement Learning
- Algorithms and Models: Linear Regression, Logistic Regression
- Data Preprocessing: Data Cleaning

Key Highlights:

- Principal's Inaugural Speech
- HOD's Address to Attendees

Acknowledgements:

- Support Staff
- Participants
- Department of Electrical and Electronics Engineering
- Malla Reddy College of Engineering and Technology (MRCET)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Workshop Schedule

On

Machine Learning

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INTEL UNNATI

[23-10-2024 and 24-10-2024]

Day 1 - DATE 23-10-2024 IV & III EEE	
FN 9.30am to 12.30pm Topic: Introduction to Machine Learning and Data Preprocessing Speaker: Jyothi Choudari (SoCSE-4)	AN 1.30pm to 3.30pm Topic: Classification Algorithms Speaker: Mr. P. HariKrishna ((SoCSE-2)
Day 2 - DATE 24-10-2024 IV & III EEE	
FN 9.30am to 12.30pm Topic: Regression Algorithms Speaker: Mr. Vigneshwara Rao (SoCSE-1)	AN 1.30pm to 3.30pm Topic: Unsupervised Learning Speaker: Dr. T. Rajashekar ((SoCSE-3)



Principal sir and HOD mam addressing the students





Faculty member addressing students during Day 1& Day 2 of the workshop

