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PROGRAM HEAD

Dr. P. Sruthi

HOD-CSE(AI&ML)

PROGRAM COORDINATORS

Dr. G. Naga Rama Devi

Professor, CSE (AI&ML)

Dr. J. Sasi Bhanu

Associate Professor-CSE (AI&ML)

Dr. T. Bhaskar

Associate Professor - CSE (AI&ML)

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Dr. Siva Skanda

HOD-CSE

Dr. L. Chandrashekar Reddy

HOD-CSE(DS)

Dr. R. Venkateshwara Reddy

HOD-CSE(CS)

ORGANIZING COMMITTEE

All the faculty of CSE (AI&ML) Department

IMPORTANT DATES:

Registration Starts: 16-06-2023

Registration closes: 24-06-2023

ADDRESS FOR COMMUNICATION:

Dr. T. Bhaskar

Dept .of CSE(AI&ML),CMRCET

Mobile: +91 - 9849292324, Mail:drtbhaskar@cmrcet.ac.in



(UGC AUTONOMOUS)

Kandalakoya Village, Medchal Road, Hyderabad

Approved by AICTE, Affiliated to JNTUH

Accredited by NAAC with 'A+' Grade

ONE WEEK FACULTY DEVELOPMENT PROGRAMME

On

**Emerging Trends in Machine Learning
& Deep Learning**

26th June to 01st July, 2023



Organized by

**Department of CSE (Artificial Intelligence
& Machine Learning)**



ABOUT THE ORGANIZATION:

CMR College of Engineering & Technology established in the year 2002 under MGR Educational Society in Kandlakoya village is a UGC Autonomous, NBA Accredited and NAAC 'A+' Grade Institution. The College is situated 20 Km away from Secunderabad Railway Station on the Hyderabad - Nagpur National Highway (Medchal Road), Telangana, India. CMRCET imparts quality education to Students in Engineering & Technology and Management. Since inception, CMRCET has been consistently ranking top among engineering institutions of Telangana. CMRCET is the right place to define one's future with a will to question ideas, pursue long-held passions and explore new interests.

ABOUT THE DEPARTMENT:

The Department of Computer Science and Engineering (AI&ML) has the vision to develop competent software professionals, researchers and entrepreneurs to serve global society. It also has the mission to create technocrats with proficiency in design and code for software development, adapt contemporary technologies by lifelong learning and face challenges in IT and ITES sectors, and quench the

thirst of knowledge in higher education, employment, R&D and entrepreneurship.

ABOUT FDP:

This programme helps the faculty to enrich their knowledge and helpful to teach the students in effective manner.

OBJECTIVE:

- * To train the participants in basic and advanced concepts of ML & DL.

EXPECTED OUTCOME:

- Investigate Deep CNN and transfer learning approach for classification, and object detection.
- Adversarial neural networks and understanding the reinforcement learning
- Supervised learning techniques
- Bayesian decision theorem and parametric methods on various ML applications
- Decision tree on various ML applications and use of discriminant analysis

RESOURCE PERSONS:

Dr. Venkateswara Rao Kagita

Assistant Professor - Computer Science And Engineering, NIT, Warangal.

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Professor/CSE(AI&ML), CMRCET.

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Dr. T. Bhaskar

Associate Professor/CSE(AI&ML), CMRCET.

CONTENTS OF THE PROGRAM:

26-06-2023

- Inaugural
- ML Algorithms

27-06-2023

- Reinforcement Learning and optimizers

28-06-2023

- ANN and DL algorithms

30-06-2023

- Statistical Measures & ML Concepts using R Programming

01-07-2023

- ML-Case Study-1 & 2
- Valedictory