



MRCET CAMPUS

(AUTONOMOUS INSTITUTION - UGC, GOVT OF INDIA)

DEPARTMENT OF COMPUTATIONAL
INTELLIGENCE

HANDS ON WORKSHOP IN
MACHINE LEARNING

27-06-2022 TO 01-07-2022



INSTITUTION'S
INNOVATION
COUNCIL
(Mistry of IITC Initiative)



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DEPARTMENT OF COMPUTATIONAL INTELLIGENCE

REPORT ON HANDS ON WORKSHOP IN MACHINE LEARNING

Five day's workshop titled "Hands On Workshop in Machine Learning" was organized by the Department of Computational Intelligence from 27-06-2022 to 01-07-2022 in AIML lab at Malla Reddy College of Engineering and Technology (MRCET). The workshop was conducted under the umbrella of Industrial Experts. The students of B-tech IYr CSE-AIML enthusiastically participated in the workshop and experienced the tremendous capabilities of Machine Learning. The trainers for the workshop were Mr. Krishna, Mr. Siva and Mr. Hari.

The Inaugural ceremony of workshop was conducted in Main Auditorium at 09:30AM. Dr. Srinivas Rao, Principal (MRCET), Dr. D. Sujatha, HOD of CSE(CI), Dr. Kamal, HOD of CSE(ET) have occupied the dais.

Dr. S. Srinivasa Rao, Principal, addressed the gathering with his eminent speech about the importance of Machine Learning & its applications and also requested the students to make use of hands on sessions in ML. He has also motivated the students to develop projects by absorbing the knowledge from the workshop.

Dr. D. Sujatha, HOD of CSE(CI), formally welcomes all the students and the speakers and thanked our Principal for accepting in organizing this five days workshop. She also elaborated on Machine learning and insists students to use this opportunity and grasp the knowledge. She explained the objectives and the agenda for the 5 days workshop.

Dr. Kamal, HOD of CSE(ET), addressed the students by informative speech about Machine Learning. He advised the students to grab the opportunity for implementing projects in various domains using Machine Learning.

The workshop was full of hands-on sessions along with conceptual knowledge about the contents. The students not only enjoyed but also learned a lot with the workshop. All the sessions are highly engaging and interactive with the students. At the end of the workshop, feedback is collected from the students.

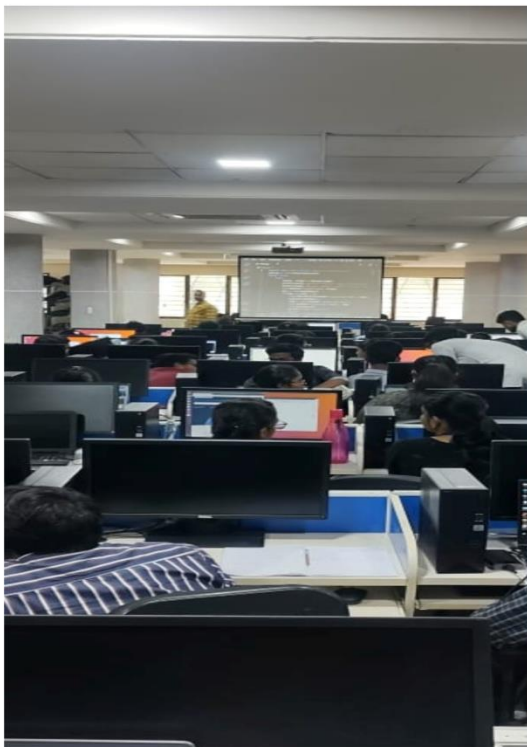
Schedule for workshop in machine learning:

Day/Date	Sessions	Topic	Trainers
Day 1 27/06/2022	10.00am-11.15am 11.30am-1.00pm 1.30pm-2.30 pm 2.35pm-4.00pm	1.Introduction to machine learning 2.Python Installation 3.Basics, few tasks on Python 4. File handling ,loops, and conditions	Mr. Krishna Sr. Trainer Mr. Hari Sr. Trainer
Day 2 28/06/2022	10.00am-11.15am 11.30am-1.00pm 1.30pm-2.30 pm 2.35pm-4.00pm	1.OpenCV Installation and saving images 2.NumPy and its operations 3. Projects on handwritten recognition 4.GitHub and Its installation, simple calculator	Mr. Krishna Sr. Trainer Mr. Siva Sr. Trainer
Day 3 29/06/2022	10.00am-11.15am 11.30am-1.00pm 1.30pm-2.30 pm 2.35pm-4.00pm	1.Login System using Heinter 2.NumPy,OpenCVproject(saving images) 3.Generating QR code projects 4.Scanning QR code projects	Mr. Hari Sr. Trainer Mr. Siva Sr. Trainer
Day 4 30/06/2022	10.00am-11.15am 11.30am-1.00pm 1.30pm-2.30 pm 2.35pm-4.00pm	1.AI History, stages and types 2.ML supervised ,unsupervised learning and reinforcement learning (comparison) 3.Customer Segmentation (Clustering) 4.Crime identification system projects	Mr. Krishna Sr. Trainer Mr. Siva Sr. Trainer
Day 5 1/07/2022	10.00am-11.15am 11.30am-1.00pm 1.30pm-2.30 pm 2.35pm-4.00pm	1. Regression, NPL 2.Reinforcement Learning	Mr. Hari Sr. Trainer Mr. Siva Sr. Trainer

Photos Gallery



Inaugural Address by Dr. Srinivas Rao, Principal (MRCET), Dr. D. Sujatha, HOD of CSE(CI), Dr. Kamal, HOD of CSE(ET)



Mr. Krishna and Mr. Hari handling the sessions