

RAMCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

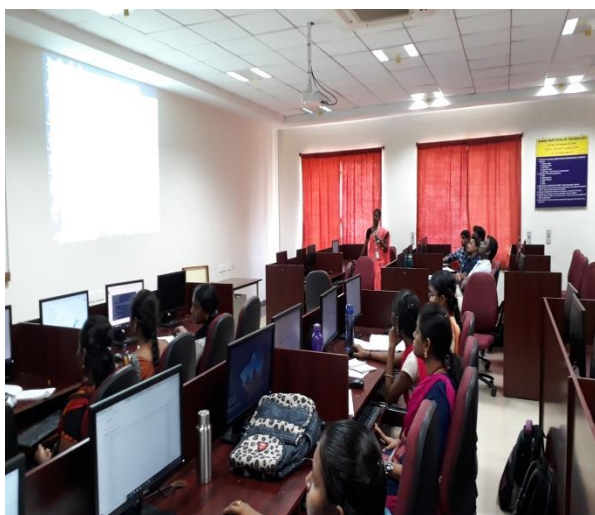
Title of the Programme : Three Days Workshop on Artificial Intelligence and Machine Learning

Date : 03.01.2019 to 05.01.2019

Details of Participants : IV Year CSE Students

Name of the Resource Persons : Dr.K.Karthikeyan, AP(SG)/EEE, Mr.R.Balaji Ganesh, AP(SG)/CSE, Mrs.M.Swarna Sudha, AP(SG)/CSE, Mrs.B.Vijayalakshmi, AP(SG)/CSE, Ms.P.Jothi Thilaga, AP/CSE

The Department of Computer Science and Engineering organized Three Days “Workshop on Artificial Intelligence and Machine Learning” from 03.01.2019 to 05.01.2019 for final Year CSE Students. The first day session was about Python for AI & ML. Mrs.M.Swarna Sudha and Ms.P.Jothi Thilaga gave a brief introduction about basics of Python and its concepts during the morning session. In the afternoon Session Mrs.B.Vijayalakshmi discussed about the packages like numpy, pandas, matplotlib and scikit learn for machine learning.



The Second day Session was started with the basics of Machine learning and Deep Neural network. Dr.K.Karthikeyan explained the concepts of Linear Regression and Logistic Regression with examples. The introduction of Convolutional Neural network and its layers were handled in the afternoon session by Mrs.B.Vijayalakshmi. It was followed by hands on session on CNN for handwritten digits image classification.

During the third day of the workshop, the students have hands on session on NVIDIA Deep Learning Institute DIGITS Lab for Image Classification. In that DIGITS Lab they learn how to design a deep neural network from the existing standard model and built their own model. The basic of recurrent neural network was also taught to the students in the forenoon session by Mrs.B.Vijayalakshmi. Finally, Mr.R.Balaji Ganesh gave brief overview about all the concepts of Machine learning and its scope. The three days' Workshop on Artificial Intelligence and Machine Learning was accomplished well with the feedback from participants who found the program very beneficial.