## REPORT ON WORKSHOP

## "MACHINE LEARNING, DEEP LEARNING AND NATURAL LANGUAGE PROCESSING FROM THEORY TO PRACTISE USING PYTHON"

The department of Computer Science and Engineering in association with AIM and VOICE conducted a two day workshop on "Machine Learning, Deep Learning and Natural Language Processing from theory to practice using Python" on 11<sup>th</sup> and 12<sup>th</sup> October, 2018. The venue was Room no. 120, IITB Remote centre lab. The resource person for the workshop was Mr. Premjith B, Research Scholar at Department of Computational Engineering and Networking, Amrita ViswaVidyapeetam, Coimbatore. He was a former Asst. Professor at Royal College of Engineering & Technology in CSE Department..

On the first day Machine learning basics, types of machine learning, Naive Bayes classifier, Support Vector Machine was covered. On the second day Multi label classification, Natural Language Processing and Deep Learning based word2vec was covered. On both the days sessions were hands-on. On the second day last 1 hour was spend for project discussion.

Total number of participants were 38. Students gave a positive feedback on the workshop. The sessions proved useful as it was hands-on. The certificate was distributed to the participants by Mr. Sreeraj R, HOD, CSE. Ms. Meera V M. AP, CSE and Ms. Hima K G. AP, CSE coordinated the workshop.











