Webinar
on
Deep Learning Using Tensor flow & Google Crowdsource and Machine Learning

A series of two day webinar was organized by the **Training and Placement cell of Faculty of Engineering & Technology**, **University of Lucknow** on April 1st and 2nd 2020 in cooperation with Mr. Naman Mishra Representative Google Crowdsource Community and Facilitator Google Explore ML for the students of B.Tech, MCA and BCA of our faculty.

Objective of the webinar:

This webinar is specifically aimed at Computer Science students to help them understand the fundamental concepts of ML and help them leverage deep learning tools. During the webinar, participants will learn how to select an algorithm, build a ML model and deploy it effectively, without diving too deep into the mathematical concepts of the model.

About the webinar:

Day 1: *Deep Learning Using Tensor flow*

Audience: *B.Tech(CS&E) and MCA*

Objective: This session was organized to give intermediate level knowledge of Deep Learning to the students through a live example demo project.

Highlights:

Webinar was presided over by **Prof. R.S Gupta, Coordinator/Incharge, FOET, University of Lucknow** who inaugurated the webinar. Introduction of the programme was given by Dr. Himanshu Pandey. Expert Mr. Naman Mishra, Representative-Google Crowdsource and Facilitator Google Explre ML talked about the techniques related to machine learning. He shared basic introduction of Deep Learning through slides and examples. The interactive session continued with real-time coding by the speaker and showcasing his personal projects and how he implemented them. Then in the second half the students looked more into the mathematical parts of different kinds of modeling functions and loss functions, and a short description of when to use which function. The session concluded with further queries from students and sharing resource for further learning and a formal vote of thanks.

Day 2: *Google Crowdsource and Machine Learning*

Audience: *BCA Students*

Objective: This session was planned specifically keeping in mind the future needs of the BCA students. This aimed to introduce the students to from basic to intermediate concepts of Machine Learning and an overview of deep learning.

Highlights:

The session began with Mr. Naman sharing some real life problems with students which are being solved by leveraging the advancements in Machine Learning. Then students learned about the origin and history of this concept. After which a formal introduction about the topic was given through a slideshow while addressing queries and resolving doubts of the students. Students learned about the classification of wide range of problems through an interactive quiz and ended with some tricky problems which were explained to them in detail. Some of the live project demo were showcased for the students which helped them interact with the technology directly and understand it's working. The second part of the webinar introduced students to some mathematical and statistical terms related to machine learning and how they can learn and master this technology which is in high demand in the IT industry.

At the end of webinar students raised several queries and expert answered their all questions satisfactorily. The webinar was successfully concluded with a formal vote of thanks to all the participants and the dignitaries present during the webinar.