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Short term training program on "Advanced Deep Learning Frameworks"

Date of the Event	27.07.2024
Title of the Event	**Short term training program on "Advanced Deep learning Frameworks"**
Organized by	Department of Computer Science and Engineering,Department of IS, MVJCE, Bangalore
Name of the Resource Speaker	Mr.Murgadoss, Corporate trainer , Capgemini
Day of the Event	Saturday

Short term training program on **"Advanced Deep earning Frameworks"** was organized by the CSE & IS Department on 29th July 2024, from 10 am to 3:00 pm. Mr.Murgadoss, Corporate trainer, Capgemini was the guest speaker. The Welcome note was delivered by a student, Ranen of III year, CSE, MVJCE. The session began with a prayer performed by Mahi, Supreetha of Dhawni club under the guidance of student co-coordinator Pradiptha. The program was presided over by Dean, Research Prof Niranjan Appa. The HODs of both the departments (CS, IS) made the event more engaging. 580 students participated in the event.

The event aimed to generate awareness on various deep learning frameworks. The purpose of the short-term training program was to expose the students to the various aspects related to the field of deep learning.

On his introductory remarks, Mr. Murgadoss explained the application of   Deep learning framework. He pointed out the various algorithms of Machine learning and deep learning. He made the session more interesting by conducting coding sessions to show the accuracy of the various algorithms.

A deep learning framework is a software library that provides tools and infrastructure for building, training, and deploying deep learning models. These frameworks offer a range of features and functionalities that enable developers and researchers to:

1. Define and construct neural networks
2. Load and pre-process data
3. Train models using various optimization algorithms
4. Evaluate and fine-tune model performance
5. Deploy models for inference and prediction.

These points above are some of the important takeaways from the resource person's presentation.

Mr.Murgadoss , engaging the session

The students, who would like to become Machine learning engineers, were the major focus of the event. It included a succinct introduction to the machine learning and deep learning techniques, tools used for prediction and classification problems.

CSE, AIML, CSD, IS Students participated in the event

Outcome of the Event

Participants from 3rd year and 2nd year students of CSE & AIML, IS, CSD, CG department were taught about the implementation of various concepts such as linear regression, logistic regression, artificial neural network. In the STTP session, the participants got an overview on how the deep learning frameworks are used to solve complex problems. Overall, it was a highly informative session.