A.V.C. COLLEGE OF ENGINEERING

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Mannampandal, Mayiladuthurai, Mayiladuthurai District, Tamilnadu–609305

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report on

2- Days Workshop on
'Significance of Deep Learning in Artificial Intelligence'

In the department of CSE, 2-Days workshop on "**Significance of Deep Learning in Artificial Intelligence'** was conducted from **10/04/2023 to 11/04/2023** for the students of II-year CSE. **Mr. Aakash Prasanna**, II Year CSE welcomed the gathering. **Dr. K. Krishnakumari**, the Student Branch Counselor of CSI Student Branch introduce the resource person **Mr. P. Balasubramanian**, Ph.D. Research Scholar, National Institute of Technology (NIT), Tiruchirappalli. **Dr. S. Padmapriya**, HoD of CSE department honoured the resource person. Dr.S.Padmapriya, HOD-CSE delivered the inaugural address and described the usefulness of the workshop. Details of the sessions are given below.

On Day 1(10/04/2023) – The resource person introduced the concepts of Machine learning and introduced the algorithms under Supervised Machine Learning. He covered KNN algorithm, Decision Tree, Naïve Bayes and Support vector Machine along with hands on session in the afternoon.At the end of Day 1, an innovative assignment on **Supervised algorithms** with 50 marks is given and evaluated in the second day.

On Day 2 (11/04/2023), the resource person handled **unsupervised algorithms** such as K-Means Clustering, Hierarchical clustering and Ensemble techniques such as Bagging, Boosting. Later he covered Neural network models by introducing the concepts of Perceptron and **Convolutional neural networks**.

He explained the concepts with many problems solved in the class and handled the classes with full control over the students with care and affection.

During the Valedictory function on 13/04/2023, Ms. **P. Sivanandhini** welcomed the gathering. Mr. **A. Vivekanandhan**, AP/CSE presented the report of the workshop. **Dr. C. Sundar Raj**, Principal, A.V.C. College of Engineering has given the valedictory address and congratulate the students for attending the workshop. **Dr. K. Krishnakumari**, the Student Branch Counselor of CSI Student Branch proposed the vote of thanks.

Mr. **V. Harikarthick** and Ms. **P. Sivanandhini** from second year CSE are acted as anchors for the above said days with their fascinating style.

Photos

Honoring the resource Person

Distributing the Certificates

Resource Person during the Workshop

Participants during the Workshop

Dr. C. Sundar Raj, Principal during the Valedictory function