SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Approved by AICTE: New Delhi, Permanently Affiliated to JNT University, Ananthapuramu.
Accredited by NAAC (Grade-A), Accredited by NBA (ECE & CSE)
ISO 9001:2015 Certified Institution, 2(f) & 12(B) recognition by UGC Act, 1956
NH-40, Nandyal - 518501, A. P.
Web: www.srecnandyal.edu.in

DEPARTMENT OF MCA

A report on One week certificate program on **"Machine Learning Model Development"**

Organizing Dept	:	Department Of MCA, SANTHIRAM ENGINEERING COLLEGE, Nandyal, Kurnool Dist., AP
Resource Person	:	S. Sai Pavan Senior technical head, Brain-O-Vision India
Dates	:	28/07/2025 to 02/08/2025

Number of students participated: 53

One week certificate program on **"Machine Learning Model Development"** was organized by the Department of Master of Computer Applications in association with Brain-O-Vision and ISTE student chapter for II-MCA Students. The program coordinator welcomed the gathering and delivered the felicitation address followed with Inaugural address by the Principal, Dr.M.V.Subramanyam Garu. The Head of MCA department introduced the chief guest to the gathering followed with chief guest address delivered by Mr. Pavan Kumar

The Principal **Dr. M.V. Subramanyam Garu** Speech about the program **"Machine Learning Model Development"**.

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Day1:
SESSION 1: (09:00 AM - 01:20 PM)
First day the session started at 9:00AM and topics – introduction to Machine Learning (ML), advantages of ML, features of ML, comparison of ML with other languages.
SESSION-II (2:20 PM - 4:50 PM)
The second session started at 2:20 PM and our chief guest S. Sai Pavan explained Machine Learning Coding and using ML in complex problems solving scopes.

Day2:
SESSION 1: (09:00 AM - 01:20 PM)
Second day the session –I started at 9.05 AM and our chief guest S. Sai Pavan explained Machine Learning Models, applications of Machine Learning, models related to Machine Learning.
SESSION-II (2:20 PM – 4:50 PM)
The second session started at 2:20 PM and our chief guest S.Sai Pavan, explained about Machine Learning Model in real time applications.

Day 3:
SESSION 1: (09:00 AM - 01:20 PM)
Third day the session –I   started at 09.05 AM and our chief guest Pavan given the introduction of machine learning model features, development and creation.
SESSION-II (2:20 PM - 4:50 PM)
The second session started at 2:20 PM and our chief Pavan explained about activates conducted related Machine Learning applications, activities conducted on Machine Learning coding.

Day 4:
SESSION 1: (09:00 AM - 01:20 PM)
First day the session –I   started at 09.00 AM and our chief guest Pavan given instructions about practical installation of Visual Studio software.
SESSION-II (2:20 PM - 4:50 PM)
The second session started at 2:20 PM and our chief guest Pavan conducted activities on Visual studio software by passing source file to the machine learning model.

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Day 5:
SESSION 1: (09:00 AM - 01:20 PM)
First day the session –I   started at 09.00 AM and our chief guest Pavan conducted activity on offline Machine Learning code development how to create model and model deployment (using Visual Studio).
SESSION-II (2:20 PM - 4:50 PM)
The second session started at 2:20 PM and our chief guest Pavan done the creation of offline corpus files and execution of trained models and validate it with trained data and test data.

Day 6:
SESSION 1: (09:00 AM - 01:20 PM)
First day the session – I   started at 09.00 AM and our chief guest Pavan conducted a competition on Machine Learning Coding.
SESSION-II (2:20 PM - 4:50 PM)
The second session started at 2:20 PM chief guest Pavan performs the review on the competition and declaring results.
The session came to an end after long interactions from the students. After the felicitation ceremony the program ended with National Anthem in the evening

PROGRAM OUT COME:
After Attending the Session the total number of Participants 53 are able to known the following

- Understanding Machine Learning
- Learnt how to create own Machine Learning Model
- Learn how to proper use of Machine Learning Model in real time applications
- Learnt the difference between Machine Learning Model and Other AI Models
- Learnt the Supervised Learning and Unsupervised Learning models.

Signature of program co-ordinator   Signature of HOD