

**Department of Computer Science and Engineering**

Event Name	CODE AND CLUSTER Workshop
Date	16 th and 17 th May 2024
Venue	MCA Seminar Hall 6 th floor , RVITM
Audience	Registered students of 6 th and 4 th semester CSE, ISE and ECE
Resource person	Mr. Sateesh Kumar Ambesange, Co-founder Pragyan AI LLP

Objective of the Program:

The Workshop aims at making student comfortable in building Machine Learning models on Kaggle and Google-Colab Platform after introducing them the domain of Machine Learning and Artificial Intelligence. One simple case study on Deep learning will be executed so that students gets a glimpse of Deep Learning. Students will be given an introduction to trending topics such as Generative AI and LLMs which will be helpful in their placements.

Workshop is an initiative to hands-on session on Machine Learning and Artificial Intelligence and also students to get exposed to trending topics in the domain.

Topics Covered:

- Introduction to cutting edge areas of Computer/ Information Science and Engineering such as Artificial Intelligence, Machine Learning, Information Theory and many more
- Hands-on session on building model on CNN and Clustering.
- Hands-on session on “How to use CHAT-GPT for build any Machine learning Model”.
- Glimpse on topics like Generative AI and LLMs.

Brief Report:

CODE & CLUSTER Workshop on Topics of Machine Learning & Artificial Intelligence organized by the Department of Computer Science and Engineering at RV Institute of Technology and Management (RVITM), brought together participants from various departments. The event is held on 16th and 17th May 2024, welcomed attendees from the Department of CSE and its allied branches across 2nd , 4th and 6th semesters. The workshop was conducted by Mr. Sateesh Kumar

Ambesange, Co-founder Pragyan AI LLP Bengaluru

2-days full day Hands-on sessions were conducted on 16th and 17th May 2024. First day of the workshop during morning session brief introduction to the domain of Artificial Intelligence was given and concept for the steps to build Machine Learning Models were discussed. During afternoon session a hands-on session was conducted to build an “ML Model for detecting Fraud in Insurance claims”.

Day 2 of the workshop was started by hands-on session of learning steps to use “CHAT_GPT for building any ML model “ and during the afternoon session some brief overview of the topics of Deep Learning was given followed by building a “Clustering Model for Covid Detection”. Deep learning model building was done by only 6th semester students and other students just attended the demo of Deep Learning Model.

Finally the Day2 of the workshop was concluded by getting the introduction of Generative AI and LLM, their demand in market and the discussion of probable interview questions from these trending topics. This conclusion was carried out based on student demand as it must be helpful in placement activity.

Attendance for the event

Day 1: Morning session:128 and Afternoon: 97

Day 2: Morning session:102 and Afternoon: 60

CODE & CLUSTER workshop was concluded by Valedictory event carried out in Presence of Dr. Malini Patil HOD CSE, RVITM.



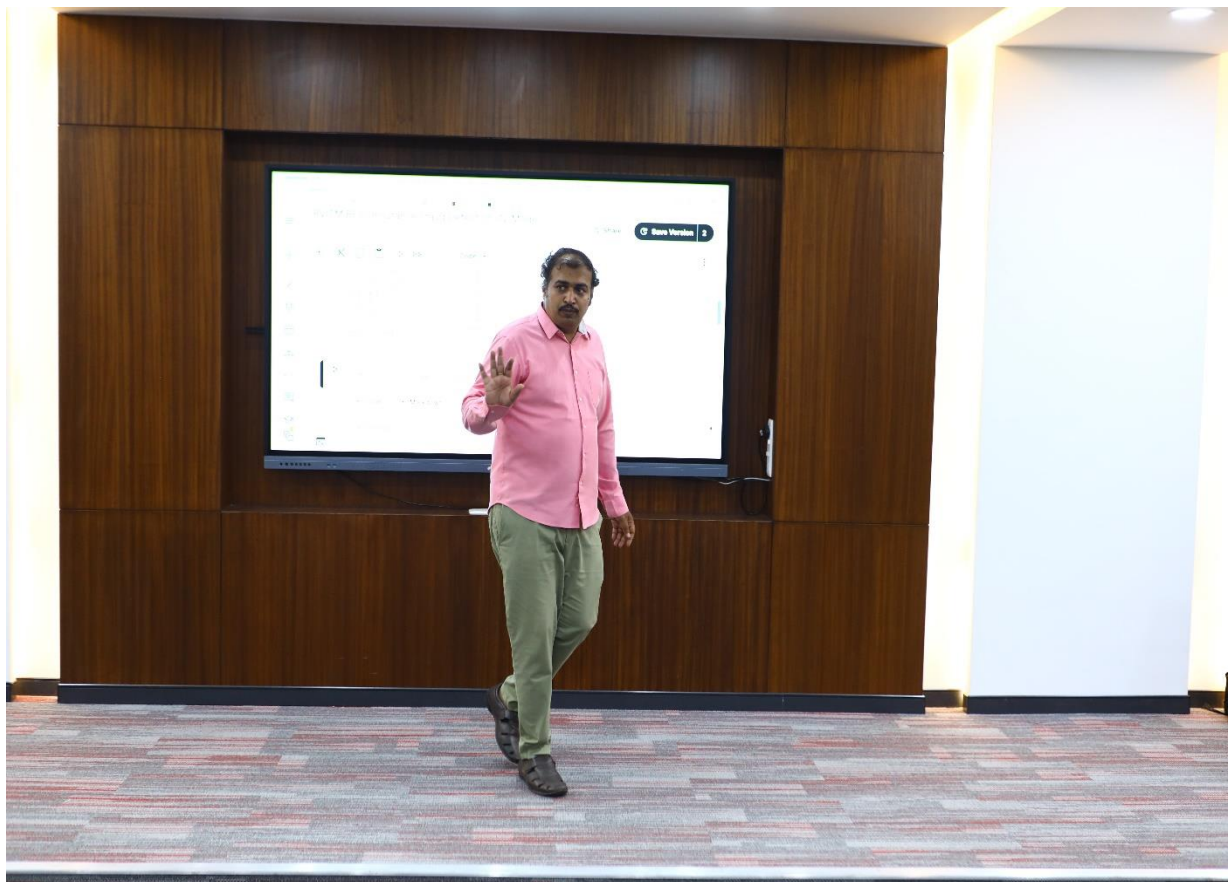
The Participants of session-1, Dept. of CSE, CODE & CLUSTER



The Participants of session-2, Dept. of CSE, CODE & CLUSTER



The Participants of session-2, Dept. of CSE, CODE & CLUSTER



The Resource Person conducting CODE & CONDUCT Dept. of CSE, RVITM



The valedictory function of Workshop CODE & CONDUCT Dept. of CSE, RVITM



The valedictory function of Workshop CODE & CONDUCT Dept. of CSE, RVITM

Coordinator Signature

HOD's Signature