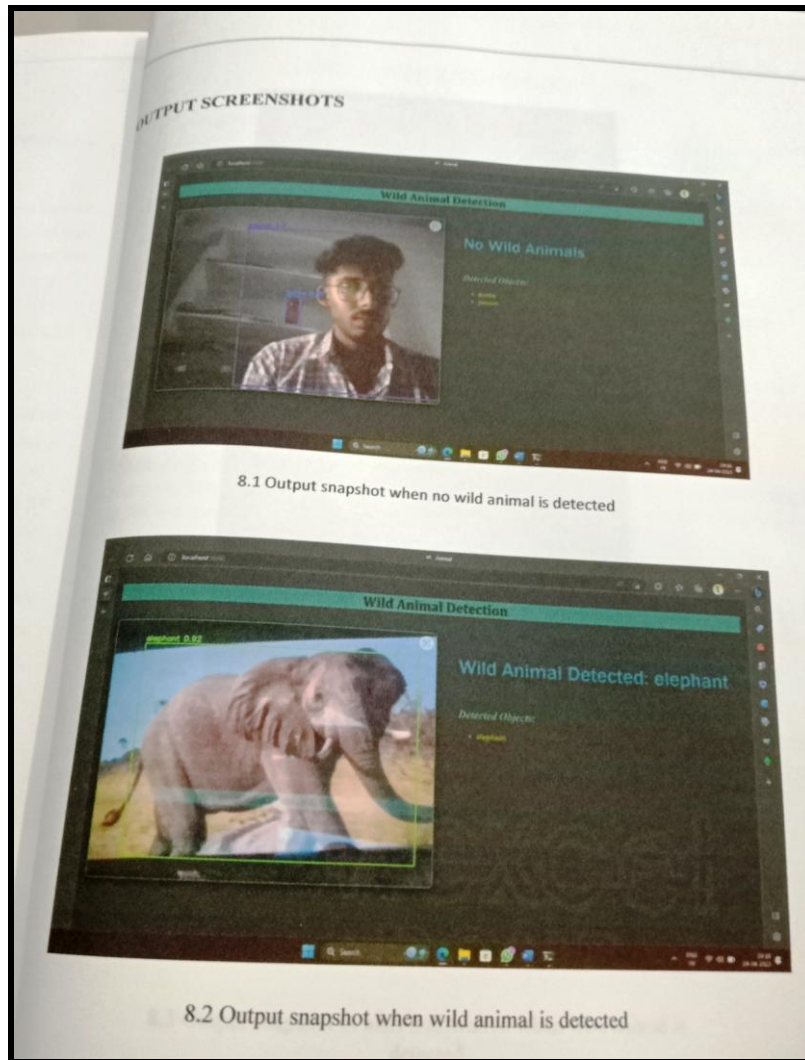




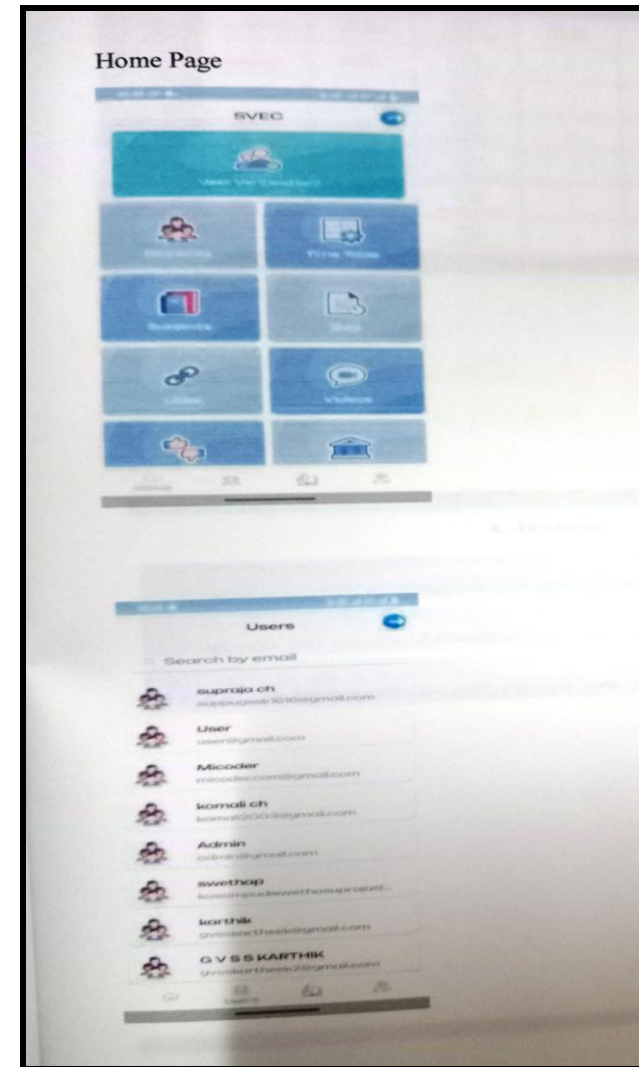
Academic Year: 2022-23

Best Projects (U.G)

S.No.	Name of the Student(s)	Project Title	Areas of Specialization	Type	Contribution/ Achievement/ Research Output	Matching with the stated POs and PSOs
1	T B V Sahithi - 19A81A0658 P Jahnavi S N - 19A81A0650 G S Ravi Teja - 19A85A0616 N L Vishnavi - 19A85A0646 Project Supervisor Mr N V Ratna Kishore G	Wild Animal Detection and alert System using YOLO v3	Deep Learning	Application	The main of the project is a real time object detection using deep learning to identify and alert the presence of wild animals in the vicinity of a live camera. This project combines the power of computer vision, machine learning and embedded systems to detect and track wild animals. The project utilizes YOLO v3 model to identify any wild animal present in the video stream.	PO(1,2,3,4,5,9,10,11,12) PSO(1,2)
2	K H P Sri - 19A81A0626 K Swetha S - 19A81A0634 G V S S Karthik - 19A81A0621 Ch Supraja - 19A81A0608 Project Supervisor Mrs. M Radha Managamani	Class Room Communicator APP	Web Based	Application	The COVID-19 pandemic has forced educational institutions to adopt online learning methods to ensure the continuity of education. In response, this project aimed to develop an app for a college that provides a comprehensive solution for online learning. The app offers separate logins for student and faculty, for conducting classes, quizzes and view of the college.	PO(1,2,3,4,5,9,10,11,12) PSO(1,2)
3	G M Vamsi K - 19A81A0620 M B S Sahithi - 19A81A0642 Ch Hima Sai sree - 19A81A0610 D R Satya - 19A81A061 Project Supervisor Mr. G Natraj	College prediction based on EAMCET Rank	Machine Learning	Application	This college predictor predicts whether the student is eligible to admit in his/her desired college or not. It uses AdaBoost binary classifier algorithm . It classifies the incoming data using several decision trees classifications.	PO(1,2,3,4,5,9,10,11,12) PSO(1,2)



Wild Animal Detection and alert System using YOLO v3



Class Room Communicator APP



College Prediction

Enter EAMCET rank:

Enter gender:

Enter caste:

Enter category:

Enter branch:

Predict Reset

Fig 8.1 : GUI

College Prediction

Enter EAMCET rank: 14752

Enter gender: M

Enter caste: BC_A

Enter category: GEN

Enter branch: CSE

Predict Reset

Probability of Sri Vasavi : 23.45%

Probability of Swarnandhra: 23.11%

Probability of C R Reddy: 20.14%

Probability of Vishnu: 21.62%

Probability of SRKR: 11.67%

Fig 8.2 : Probability of the colleges

College prediction based on EAMCET Rank

JTL
Head of the Department
Head of the Department
Dept. of Computer Science & Engineering
Sri Vasavi Engineering College
TADEPALLIGUEDEM-534 101