Academic Year: 2021-22
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	K.T. Sowmya - 18A81A05K6 T. Dharani - 18A81A05I9 K. Surekha - 18A81A05K0 D.S. Jayanth - 19A85A0502 **Project Supervisor** **Mrs.D.Anjana Suputri Devi**	Smart CCTV using OpenCV	Machine Learning	Application	This project is a python GUI application which can run on any operating system,uses web cam and has number of features which are not in normal CCTV. We can identify different features like Vision Counting, Normal Recording, Anti-thief and face identification by using open source computer vision and machine learning software library named OpenCV.	PO(1,2,3,4,5,9,10,11,12) PSO(1,2)
2	S. Sai Durga Lasya - 18A81A05G8 V.Yuvaraj - 18A81A05H7 Ch. Jai Krishna Vamsi - 18A81A05I6 G. Naveen Kumar - 18A81A0518 **Project Supervisor** **Mr. G. Sri Ram Ganesh**	Online Chatbot for College Information System	Artificial Intelligence	Application	The Chatbot technology can provide the ease and human like interaction to students, parents and faculty. The system uses built in artficial intelligence/machine learning to answer the query. The user can query any college related activities throuh the system. The user does not have to personally go to the college for enquiry.	PO(1,2,3,4,5,9,10,11,12) PSO(1,2)

Vision: To evolve as a centre of academic and research excellence in the area of Computer Science and Engineering.

Mission: To utilize innovative learning methods for academic improvement.

To encourage higher studies and research to meet the futuristic requirements of Computer Science and Engineering.

To inculcate Ethics and Human values for developing students with good character.
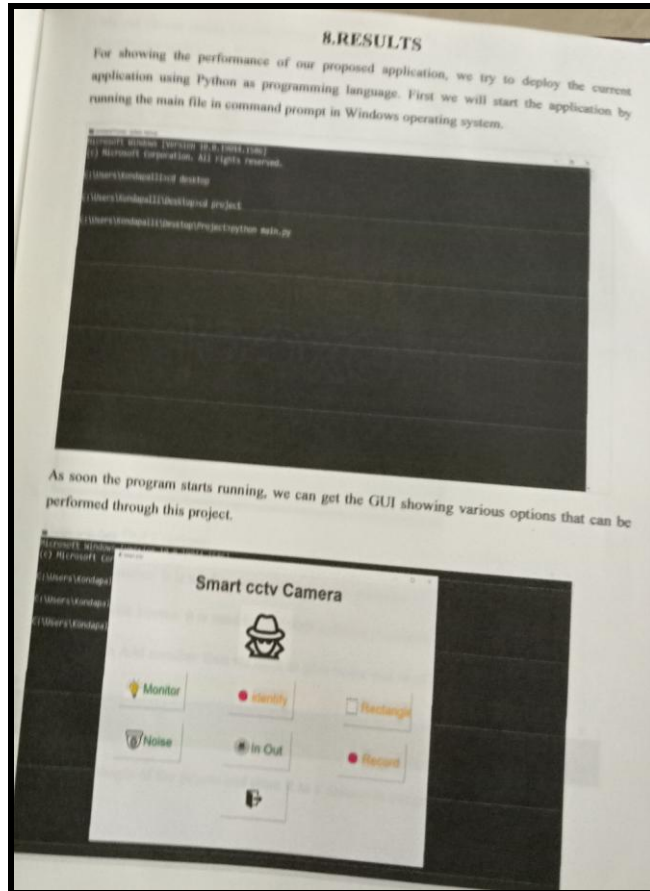
S.No.	Name of the Student(s)	Project Title	Areas of Specialization	Type	Contribution/Achievement/ Research Output	Matching with the stated POs and PSOs
3	K.V. Gayatri - 18A81A05E4 O. Adarsh - 18A81A0537 M. Renuka Sai - 18A81A05F2 V.S. Sandeep Reddy - 18A81A0556 **Project Supervisor** **Mr.M.V. Krishna**	Virtual Mouse using Artificial Intelligence	Artificial Intelligence	Application	This project is a way to control the position of the cursor with the bare hands without using any electronic device. The operations like clicking and dragging of objects will be perormed with different hand gestures. It uses of the cross-platform image processing module OpenCV and implements the mouse actions.	PO(1,2,3,4,5, 9,10,11,12) PSO(1,2)
4	K. Tarun Deepak - 18A81A05E3 G. D Srinivas - 18A81A05D0 T. Deepthi - 18A85A05B0 K.S Prasanna - 18A81A05K7 Ch. T Ranga Raju - 18A81A0508 **Project Supervisor** **Mr. Ch. Raja Ramesh**	Coal Mine Safety Monitoring and Alerting System using IOT	IOT	Application	This project is a wireless sensor network application system there will be master controllers and slave controllers. Slave controllers will detect the danger and give alret through RF to master controller and it will help to take action as soon as posible.This system is powered by at meag 328 micro controllers for master controller and 8051 microcontrollers for slave controllers. The 8051 micro controller consists of a temparature sensor, water sensor, methane and carbon dioxide sensor and RF transmitter which collects temparature, humidity and methane values underground of coal mines.	PO(1,2,3,4,5,9,10,11,12) PSO(1,2)

Vision: To evolve as a centre of academic and research excellence in the area of Computer Science and Engineering.
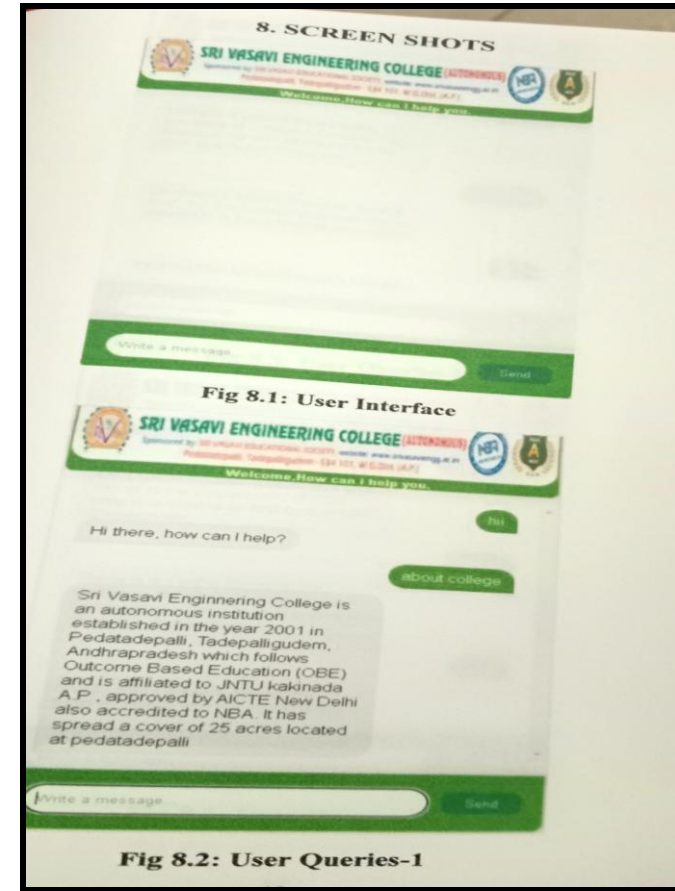
Mission: To utilize innovative learning methods for academic improvement.

To encourage higher studies and research to meet the futuristic requirements of Computer Science and Engineering.

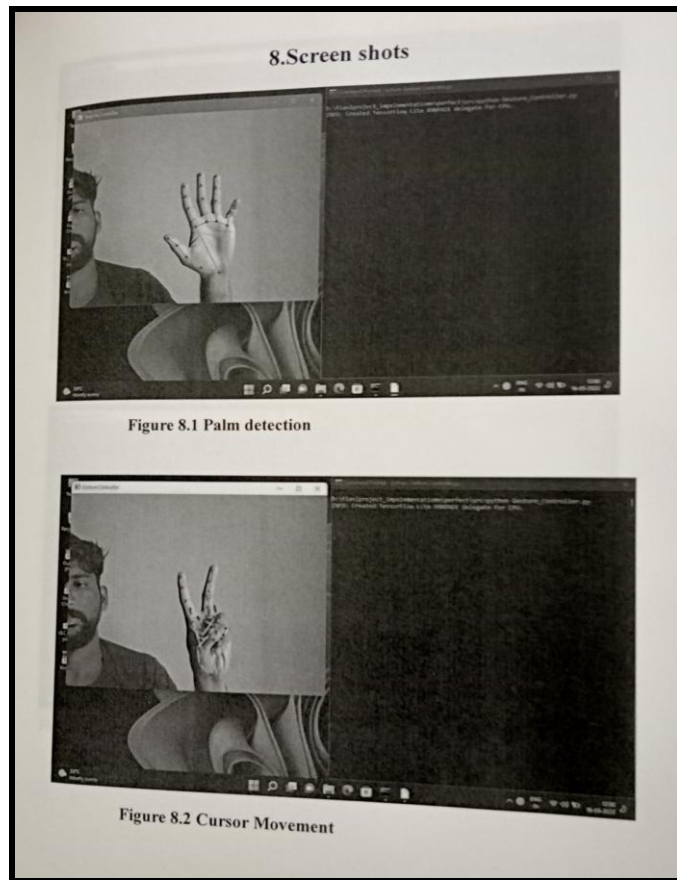To inculcate Ethics and Human values for developing students with good character.
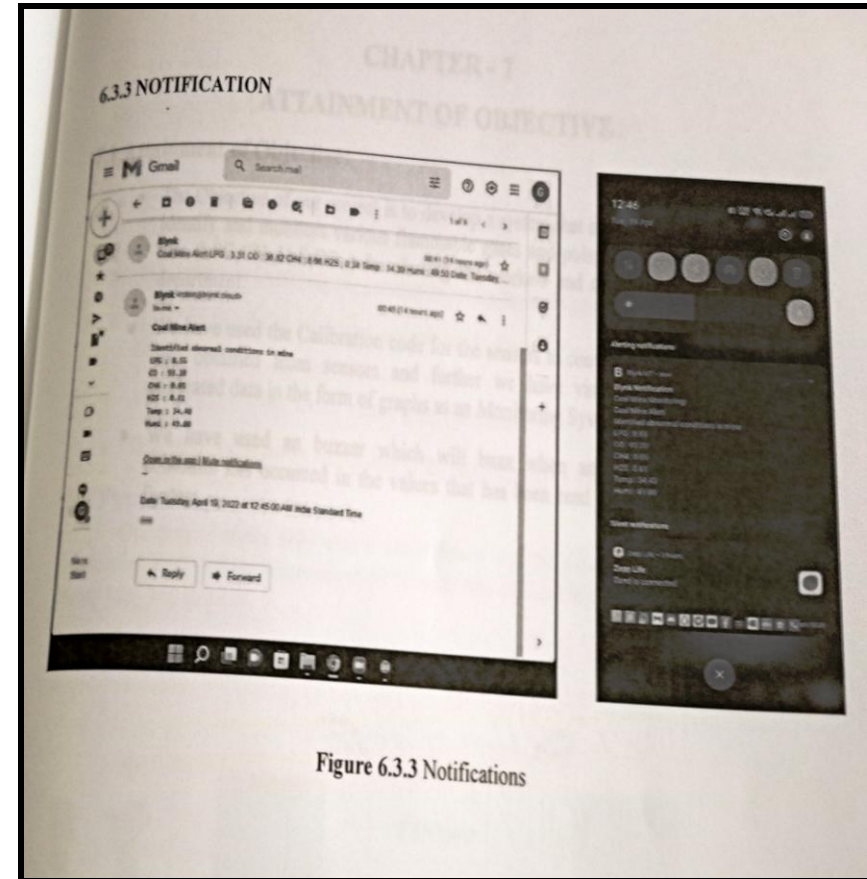
Smart CCTV using OpenCV

Online Chatbot for College Information System

Virtual Mouse using Artificial Intelligence

Coal Mine Safety Monitoring and Alerting System using IOT

Head of the Department

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

Vision: To evolve as a centre of academic and research excellence in the area of Computer Science and Engineering.

Mission: To utilize innovative learning methods for academic improvement.

To encourage higher studies and research to meet the futuristic requirements of Computer Science and Engineering.

To inculcate Ethics and Human values for developing students with good character.