



RV College of Engineering®

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Sl. No.	Project Title	Faculty	Student Team	Ongoing/Completed
1.	Interfacing CCTV camera to microcontrollers over WIFI	Dr. Roopa J	Hema Akshatha K- MTech-VLSI	Completed
2.	Automatic Description Extraction of People from Surveillance	Prof. Poornima Kulkarni	Sagar Sharma Shivendu anand	Completed
3.	Automatic detection of wild animals and reptiles by surveillance cameras	Dr. Azra Nasreen	Harish A Jartarghar Karunatharaka B KRUTHI M N	Completed
4.	Automatic detection of garbage and overflowing street bins in videos	Dr. Azra Nasreen	Akhil Dua Ayush Dwivedi Dave Shivangi Devendra	Completed
5.	Face detection in cctv camera footage	Dr.Hemavathy R	V.Rahul , Hema	Completed
	Reframed TITLE as " Face detection and Person Tracking in Surveillance camera video feed"		V A Sriram Praveen Suraj K R	Completed
6.	Face Detection in Surveillance cameras	Prof. Poornima Kulkarni	Senthooran B Mohammed Abdul Razak Wahab Ameya Mahadev Gonal	Completed
7.	Automatic traffic violation detection	Dr. Ramakanth Kumar P	Chethan S Shreyash Gupta Prajwal K	Completed
8.	To develop a Network operation centre for all the cameras on the RVCE campus.	Prof. Poornima Kulkarni, ISE	Senthooran B Nidhi H Halappanavar	Completed
9.	Automatic Red Light violation detection using Surveillance camera	Prof. Poornima Kulkarni	K A Sumukh Khushi S L Chirag Shetty	Completed
10.	Automatic Detection of Fire using Surveillance camera	Dr. Hemavathy R	Rakesh Reddy P	Completed

11.	Monitoring of Water leakage and sewage water using surveillance using	Dr. Soumya Rani	Bhanuprasad	Completed
12.	Face Detection and Recognition in IR cameras	Dr. Hemavathy R	Mahesh Subray Hegde Athreya V Shet Anvit Kumar A Shetty Chinmay B S	Completed
13.	Human identification using GAIT analysis	Dr. Azra Nasreen	Pragati B C Shiva Reddy Shibi K R Kruthika	Completed
14.	Automatic Number Plate Recognition: Advancements, Challenges and Applications	Dr H Pavithra	Priyansh Umang	Completed
15.	People counter (No of people in a queue)	Dr. Hemavathy R	Suhas P Manya Chadaga Kshithi R	Completed
16.	Object detection in E-Waste	Dr. Hemavathy R Dr.Veenadevi S	HITESH S P H R ANEESH TEJAS ARYAN JHA	Completed
17.	Car Detector using open cv	Dr. Hemavathy R	G Neelakanta Darshan B Naveen Kumar S	Completed
18.	Wild Animal intrusion detection System	Dr. Hemavathy R	Patil Shreyas Madhusudhan M	Completed
Ongoing projects				
19.	A computer vision based IV fluids and drip monitoring system at patient's bedside	Dr Pratibha D	Nishant V H Atul Kumar Mishra Saksham Gupta Sarthak Lakhotia	Ongoing
20.	Diagnosing diseases by analyzing images obtained from medical equipment and other image process using AI based Algorithms	Dr. K Sreelakshmi Dr. Prakash R	Yashmitha Desai Shreya Srivastava Esha Sharma Rupa Shree S	Ongoing

			Yashmitha Desai	
21.	Automatic vehicle collision detection on roads/highways by surveillance cameras.	Dr. Poornima Kulkarni	Sadashiv S Todakar	Ongoing
			Muhammad Umar Yaksambi	
			Dhruv Dhankher	
			Anuj Devpura	
22.	Automated product placement in video	Dr. Azra Nasreen Dr. Suma B	Manjunath Nayaka B P	Ongoing
			Prajwal L Roodagi	
			Niranjan R N	
			Ishwar M	
			Manas	
			Manish Tandurkar	
			Nikhil N Bharadwaj	
			Manish H Parashar	
			Nihal Soni	
23.	Color Detection & Invisibility Cloak	Dr. Veena Devi	Sharanya Rao	Ongoing
			Noel Mathew	
			Medha Sanketh	
			Kushal Srivastava	
24.	Industrial workers safety inspection related to PPE by surveillance cameras.	Dr. Ramakanth Kumar P Dr. Pavithra H	Hitarth Mehra	Ongoing
			Harshit Raj	
			Kiran Kumar S	
			Aaditey Chalva	
			Aniket R T	
25.	Automatic fire and smoke detection by surveillance cameras	Dr. Vanishree K	Trisha Bhattacharya	Ongoing
			Rajat GA	
			Ishita Busetty	
			Tanishk Viraj Bhanage	
26.	To build an Automatic Human Pose detection system	Dr. Azra Nasreen	Sakshi A S	Ongoing
			Saanvi Chauhan	

			Aditi Agarwal	
			Thushitha R	
			Hemanth Gowda	
			Spoorthi Ravi Pratap	
27.	Subject detection in video	Dr. Hemavthy R	B M Manohara	Ongoing
			Piyush Kheria	
			Rutvik Hegde	
28.	To develop a People Count mechanism by capturing camera images	Dr. Mohana R	Aditya Bhandari	Ongoing
			Ankit Reddy	
			Sai Abhiram M	
			Bhavin Bhat	