



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
CATEGORY - 1 UNIVERSITY BY UGC

TECHNOVATION -2025- BEST PROJECTS

S. No.	Reg. No.	Name of the Student	Title of the Project	Guide Name	Department
1.	41110227	BRITHICKSHA D	Ai Driven Identification Of Individuals Using Surveillance Drone	Dr.Ashok Kumar	COMPUTER SCIENCE AND ENGINEERING
2.	41110471 41110473	K L HARESH RAGAVENDER HARI SHANKAR S	Cancer Diagnosis And Tumor Mapping Using Machine Learning And Deep Learning	Dr. V Nirmal Rani	COMPUTER SCIENCE AND ENGINEERING
3.	41111021 41110995	RAHUL R PRASANNA RAJ	OpenCV Attendance System Using Face Recognition	Dr. A. Yovan Felix	COMPUTER SCIENCE AND ENGINEERING
4.	41110152 41110173	AVULA VEDAVYAS BANKA GIREESH PATRUDU	Eco-Friendly Plastic And Organic Waste Vending Solution (Epwvms)	Dr Anto Praveena	COMPUTER SCIENCE AND ENGINEERING
5.	41111052 41111057	REIZ RAJKUMAR RIPUNJAY KASHYAP	AR/VR Campus Navigation System(CNS)	Dr. A.Mary Posonia	COMPUTER SCIENCE AND ENGINEERING

6.	41110364 41110385	EEDA ASHITHA GARAPATI VASANTHI	Ai Based Smart Detection of Harmonal Changes In Women	Dr.Mercy Paul Selvan	COMPUTER SCIENCE AND ENGINEERING
7.	41110777 41110782	MANNE SRI AJAY SAI MANTHENA SURYATEJ VARMA	Mood Based Music Recommendation System Using CNN	Dr.M.Maheswari	COMPUTER SCIENCE AND ENGINEERING
8.	41111047 41111074	RAYALA SNEHITH ROHITH REDDY N	Smart Device For Women Safety Using IOT	Dr.Saranya S	COMPUTER SCIENCE AND ENGINEERING
9.	41111091 41111134	SAHIL SARANU AKHIL	Transfer Learning With Generative Ai For Object Detection	Dr.S.Prayla Shyry	COMPUTER SCIENCE AND ENGINEERING
10.	41111492	SRINITHI K	IOT Based Smart Agricultural System	Dr.L.Lakshmanan	COMPUTER SCIENCE AND ENGINEERING
11.	41611019	ASHWIN PRASANTH	Enhancing Occluded Face Recognition Through Device- Edge Collaboration And Cross- Domain Feature Fusion With Heatmaps	Dr. A. Annie Micheal	CSE WITH SPECIALIZATION IN AI & MACHINE LEARNING
12.	41614008 41614013	ASWIN KUMAR G CHELLADHANUSH S	Advanced Corporate Devsecops Ci/Cd Pipeline Security Orchestration And Integration Framework	Dr .N.Nanthini	CSE WITH SPECIALIZATION IN CYBER SECURITY
13.	41733064 41733085	SANJAI KUMAR M R YOGESH O P	Predictive Analytic For Rentry Trajectory of Space Debris	Dr. D. DEEPA	CSE WITH SPECIALIZATION IN DATA SCIENCE

14.	41611092 41611093	KOMARA DINESH KOMARA TEJESWAR	Intelligent Medical Assistant Chatbot With Advanced Symptom Tracking, Emergency Guidance With Visual Instrucaons	Dr. B. U. Anu Barathi	CSE WITH SPECIALIZATION IN AI & MACHINE LEARNING
15.	41612005 41612013	ANTONY JOSEPH A DINESH E	lot Enabled Smart Matress	Dr.Shanmuga Prabha P	CSE WITH SPECIALIZATION IN AI & ROBOTICS
16	41120084 41120087	KAMILATH RIFKA S G KARTHIK	Gesture-Based Control System For Drones Utilizing Arduino And Wireless Modules	Dr.S.Revathy	INFORMATION TECHNOLOGY
17	41130202 41130432 41130462	JINKALA VENKATA SIVANI RACHARLA CHANDRA VENKATA SAI KARTHIK RINOSH B	Development of Hybrid Super Capacitor Mexene Based For Next Generation Energy Storage	Dr S Purushothaman	ELECTRONICS AND COMMUNICATION ENGINEERING
18	41130342 41130345	NAGA BABU GADHAMSETTI NAGIREDDY KRISHNA SATYA PAVAN	Generation of Electricity Using Induction From Fan	Dr L.Magthelin Therase	ELECTRONICS AND COMMUNICATION ENGINEERING
19	41130477 41130472	SAMBANGI PRAVEEN KUMAR SAIDU L V S D A VARA PRASAD	Photovoltaic Agricultural Mechanization Rover	Ms.T Gomathi	ELECTRONICS AND COMMUNICATION ENGINEERING
20	41130622 41130719	YOGITHA K VAISHNAVI DEVI J	Ardu mine -Arduino Powered Bomb And Landmine Diffuser And Detector	Dr Mohammed Aneesh	ELECTRONICS AND COMMUNICATION ENGINEERING

21	41130569 41130552	UMA R N TANIA PHILOME	Wireless Hand Motion Controlled Robotic Gripper Arm 6dof	Dr. R. Pandian	ELECTRONICS AND COMMUNICATION ENGINEERING
22	41140066 41140071 41140078	PRANAV R K RAJESH G SARITHIRA P	Design And Fabriation Of Rocket Avionics With Integrated Thrust Vector Control System	Dr. W. Abitha Memala	ELECTRICAL AND ELECTRONICS ENGINEERING
23	41150720 41150719	HARISH V YOGI VENKAT M	Development Of A Compact Device To Assist A Blind Person	Dr.Nivin Joy	MECHANICAL ENGINEERING
24	41860010 41860701	PRAVEEN V DINESH R	Design & Fabrication Of Cost- Effective Carbon-Neutral, High- Yielding (Cch) Hydrogen Production Pilot Plant With Zero Purification Requirement	Dr.Ashwin Jacob	AUTOMOBILE ENGINEERING
25	41260013 41260029	DINESH. V.G MURALIPRASATH M	Experimental Investigation On Hybrid Composite Utilizing Non - Biodegradable Waste	Dr.A.Anderson	AERONAUTICAL ENGINEERING
26	41090007 41090704	ALVIN DOMNIC RODRIGO RAJARAJAN RR	Development Of Versatile Hybrid Electric And Si Engine Driven Bike	Dr.K.Balachandar	MECHATRONICS
27	41230029 41230070	KEERTHANAA V VARSHA.A	Metal Oxide Nanoparticle Synthesis From The Marine Sources For Its Applicational Study	Dr.Saqib Hassan Dr.Theboral	BIOTECHNOLOGY
28	41240032 41240034	SNEHA BABU PAUL SRINIDHI SRIDHARAN	Non-Invasive Cardio Vascular Device	Dr. T Sudhakar	BIOMEDICAL

29	41190001 41190009	R.ANUSHA GAYATHRI G	Enhancing The Germination And Growth Of Crops Using Nanozerovalent Iron (Nzvi)	Dr.D.Prabu	CHEMICAL ENGINEERING
30	41200022 41200025	MEDAPATI SRINIVASA SATYANARAYANA REDDY NATTA CHARAN RAJ	Traffic Volume Analysis For Indian Urban Conditions Using Artificial Intelligence	Dr. R. Nirmala	CIVIL ENGINEERING
31	40210054	SUBIKSHA. M	The Mylapore Heritage Convergence	Ar.S.Ebin Horrison	ARCHITECTURE
32	41102002	FARAH MOHAMED	Community Library	Ar.U.Sarath Chandra Kanth	DESIGN