

DEPARTMENT OF MECHANICAL ENGINEERING
V. R. SIDDHARTHA ENGINEERING COLLEGE
INNOVATIVE MODELS
ACADEMIC YEAR 2022-2023

S. No	Title	Name	Roll No.	Supervisor
1	Design and Fabrication of Agroweed Removing Machine	B. Lokeswara Rao	218W5A0301	Dr. N. Ravi Kumar
		A. Sandeep	208W1A0301	
		T. Rohan	208W1A0351	
		J. Ravi Varma	218W5A0307	
		G. Akhil Raj	198W1A0376	
2	Dual Purpose Forearm Machine	P. Sumanth	208W1A0338	Dr. Ch. Sri Chaitanya
		R. Anjani	208W1A0302	
		L. Dharma Rao	208W1A0332	
		T. Manaswitha	208W1A0352	
3	Mini Hydraulic Turbine	G. Adarsh Sri Ram	208W1A0320	Dr. B. Raghava Rao
		Ch. Jaya Raju	208W1A0311	
		Ch. Vijaya Kumar	218W5A0304	
		V. Harshavardhan	208W1A0322	
4	Design of Collaborative Robot for an Assembly Task	P. Venkata Siva Durga	208W1A0340	Dr. V. L. Krishnan
		K. Shanmuka Sai	208W1A0325	
		V. Neeraj	218W5A0308	
		B. Raga Chandrika	208W1A0308	
		U. Venkateswaramma	208W1A0354	
5	Analysis on Indirect Solar Dryer For Agro Products	J. Uday Prasad	208W1A0323	Dr. Srinivasa Prasad
		D. Naveen	208W1A0317	
		Sk. Abdul Sattar	208W1A0344	
		M. Niharika Devi	208W1A0334	
		B. Yogendra	208W1A0310	
6	Design of Self Recharge System in HEV	Sk. Saidulu	208W1A0345	Dr. G. Jamuna Rani
		K. Michael	208W1A0329	
		Md. Shafi	208W1A0335	
		E. Meghana	208W1A0319	
		D. Uma Venkata Krishna	208W1A0318	

7	Reduction of Scouring Effect at Bridge Piers	Ch. Sai Keerthi	218W5A0303	Dr. V. Balakrishna Murthy
		Ch. Ramya	208W1A0313	
		B. Bhagyath	208W1A0303	
		K. Nithya Sri	208W1A0326	
		G. Anu	208W1A0321	
8	Smart Trash Bin	G. Sidhu	218W5A0306	Dr. B. Supraja Reddy
		D. Sai Prakash	208W1A0314	
		N. Seshu Kumar	208W1A0336	
		B. Gnanesh	218W5A0305	
		K. Leela Vardhan	208W1A0327	
9	River Water Level Alarm Device	Ch. Bala Rajasekar	218W5A0302	P. Gopinadh Chowdary
		K. Pavan Raj	208W1A0331	
		D. Girish	208W1A0316	
		K. Pavan Kumar	208W1A0324	
10	Mini Water Purifier with Cooling System and Air Cooler	Sk. Shoaib	208W1A0346	Dr. M. Sumalatha
		B. Sai Kumar	208W1A0306	
		Md. Musthakheem	218W5A0311	
		T. Ravi Kumar Reddy	208W1A0353	
		A. Sai Charan	218W5A0312	
11	Fabrication of Thermosyphon Water Purification System	K. Ajay	208W1A0328	Ch. Venkata Prasad
		R Pushpanth Manu	208W1A0343	
		G Sandeep Kumar	218W5A0310	
		S Abhishek	218W5A0313	
12	Contactless Cleaning of Solar Panels	B. Atchuta Rao	208W1A0364	Dr. K. Prakash Babu
		I Anand Reddy	208W1A0380	
		J Bhanu Kumar	208W1A0381	
		E Vamsi Babu	208W1A0371	
		E Naga Esvar Teja	198W1A03E3	
13	Automatic Water Tin Cleaner	P. Prabhu Venkata Sri Ram	208W1A0394	M. Rajesh
		Md. Althaf	208W1A0387	
		P Ajay Babu	208W1A0395	
		L Mounika	218W5A0319	

		Sd Abdul Jaweed	208W1A03B1	
14	Power Generation using Piezo Electric Material	D G V C Shankar	218W5A0316	P. Satheesh Kumar Reddy
		K Yashwanth	218W5A0317	
		M Vivek	208W1A0390	
		P Ganesh	208W1A03A2	
15	Design of Gas Leakage Detection and Warning System	L Vijay Kumar Naidu	208W1A0383	Dr. V. V. Venu Madhav
		PNB Ravi Kumar	208W1A03A0	
		M Guna Srivardhan	218W5A0326	
		Md Ghayasuddin	208W1A0389	
		Md Abdul Azeem	208W1A0386	
16	Lock with Smart Card	R Victor Paul	208W1A03A6	Dr. K. Nagamalleswara Rao
		G Pavan Kumar	208W1A0374	
		Sk Sohail Ahmed Shariff	208W1A03B0	
		NVSK Srikanth	208W1A0393	
		G Alekhya	208W1A0376	
17	River Cleaning Boat	P Rambabu	208W1A03A1	Dr. Ch. Naga Raju
		N Tarun Kumar	208W1A0392	
		D Jaya Kiran	208W1A0367	
		J Hayagreeva Rao	218W5A0324	
		K Naga Siva Sai	208W1A0382	
18	Design and Fabrication of Floor Cleaner	AJVS Gupta	218W5A0314	Dr. G. Dilli Babu
		S Sankar	208W1A03A7	
		V Sai Hari Krishna	208W1A03B3	
		N Narendra	208W1A0391	
19	Design of Rain Cover for Two Wheeler	D Akhil	208W1A0366	V. Vasu
		A Naveen Kumar	208W1A0360	
		M Chaitanya Krishna	218W5A0325	
		A Meenamrutha Meghana	208W1A0362	
		T Nagalakshmi	208W1A03B2	
20	Sleep Sensing and Alerting System	R Chakri	208W1A03A4	Dr. C. Mahesh
		Md Faizan	208W1A0388	
		H Pallavi Priya	208W1A0379	

		P Venkatesh	208W1A0397	
		B Surya	208W1A0363	
21	Design and Fabrication of Gas Emission Control Silencer	M Prasanth	208W1A0385	Dr. Ch. Naga Raju
		P Venkatesh	208W1A0399	
		R Ramlal	208W1A03A5	
		SA Meheer	208W1A03A8	
		K Sravani	218W5A0318	
22	Design and Fabrication of River Cleaning Boat	G. Venkata Chaitanya	208W1A03C8	Dr. V. Bapi Raju
		J Karthik	208W1A03D4	
		N Sai Kiran	208W1A03F0	
		J John Paul	218W5A0337	
		Ch Ramanji	198W1A0312	
23	Archemedies Screw Turbine	J Pavan Kumar	208W1A03D3	Dr. B. Raghava Rao
		K Neelakantesh	218W5A0338	
		P Uday Kiran	208W1A03F3	
		P Teja Sai Vishnu Vardhan	208W1A03F4	
		Y Srinivasulu	208W1A03H0	
24	Fabrication and Design of Aqua Bin	Sk Hazrath Moulali	208W1A03G1	AN Phani Deepthi
		K Devi Saran	208W1A03D9	
		S Gopi Deepak	208W1A03G0	
		S Chandu	208W1A03F9	
		G V D Vamsi Krishna	208W1A03C4	
25	Portable Automated Sieving Machine	K Daiva Kumar	218W5A0330	Dr. R V Kiran Kumar
		P Sai Vignesh	208W1A03F2	
		Y V Naga Sai	218W5A0339	
		B Bindu Priyanka	218W5A0328	
		B Bala Kishore	208W1A03B8	
26	Automatic Head Light for Vehicles Using LDR Sensor	R Uday Kumar	218W5A0335	Sri. K. Ravi Kumar
		S Sai Venkata Chiranjeevi	208W1A03G4	
		K Vasanth	208W1A03E0	
		L Dhanush Kumar	208W1A03E2	
		B Prabhu Kumar	208W1A03B7	

27	Solar Wireless Electric Vehicle Charging System	Mirza Masroor Raza	198W1A0336	Dr. C. Mahesh
		G. Leela Prasad	198W1A0322	
		K. Pavan Kumar	198W1A0326	
		Ch. Vamsi	198W1A0314	
		P. Sri Sai	198W1A0350	
28	Belt Type Oil Skimmer	K. Srinu	208W5A0305	Dr. V. L. Krishnan
		T. Hemanth Kumar	198W1A0360	
		Ch. Vamsi Krishna	198W1A0311	
		G. Nikesh	198W1A0318	
29	Development of Natural Lighting System Using Fiber Optics for Underground Structures	R. S. Sarath Kumar	198W1A0353	Dr. Ch. Sri Chaitanya
		Sk. Afeef Ahmed	198W1A0358	
		M. Gunadeep	198W1A0341	
		I Nishanth	198W1A0323	
30	Fabrication of Mini Electric Scissor Lift Table	K. Nanda Kishore	198W1A03F4	Sri. M. Rajesh
		S. Jagadeesh	208W5A0321	
		A Sai Phani Harsha	198W1A03C7	
		T. Siva Prasad	198W1A03H8	
31	Design and Fabrication of Pneumatic Ramming Machine	N. Hari Charan	198W1A03G5	Sri. P. Satheesh Kumar Reddy
		R. Manoj	208W5A0319	
		M. Srinivasa Rao	198W1A03G0	
		K. Ranjith Kumar	198W1A03F0	
		H Sai Phaneendra	188W1A03D6	
32	Monitoring Water Quality in Aquaculture Farming using Electronic Sensors	P. Dakesh Kumar	198W1A03D6	Dr. M. Jogendra Prasad
		D. Teja	198W1A03D7	
		D. Ravi Sai Sudhakar	198W1A03D9	
		G. Raviteja	198W1A03E6	
		K. Vijay Kumar	198W1A03F1	
33	Automatic Sidestand Retrieving System for Two Wheelers	G. V. Narasamma	208W5A0317	Sri. P. Gopinadh Chowdary
		D. Rahul	198W1A03E1	
		P. Mahesh	198W1A03G9	
		P. Bhuvan	198W1A03D1	
		B. Komal	198W1A03D0	

34	Modeling of Mini Refrigerator Using Peltier Element	K. Chaitanya Sai Teja	198W1A03F6	Dr. G. Jamuna Rani
		L. Naveen Babu	198W1A03F9	
		M. Sai Dileep Kumar	198W1A03G1	
		S. Nikhil	198W1A03H5	
35	Fabrication of Solar Powered Electric Two Wheeler	K. Radha Krishna	208W5A0306	Dr. A. Venkateswarlu
		R. Jatin	198W1A0354	
		N. Mahesh	198W1A0342	
		Md. Hikattullah Baig	198W1A0337	
36	Development of a Smart Lift Mechanism by using an Electric Linear Actuator	B. Rakesh Kumar	208W5A0301	Dr. G. Dilli Babu
		BLSV Durga Madhu	198W1A0305	
		M Anusha	198W1A0334	
		K Priyamvada	198W1A0328	
		N Mani Varma	198W1A0344	
37	Fabrication of Contactless Air Conveyer for Goods Movement	N Hari Charan	198W1A03G5	Sri. P. Satheesh Kumar Reddy
		R Manoj	208W5A0319	
		M Srinivasa Rao	198W1A03G0	
		K Ranjith Kumar	198W1A03F0	
		P Dakesh Kumar	198W1A03D6	
38	Power Generation from Railway Track Through Gear Drive Mechanism and Piezoelectric Sensor	GV Narasamma	208W5A0317	Sri. P. Gopinadh Chowdary
		D Rahul	198W1A03E1	
		P Mahesh	198W1A03G9	
		P Bhuvan Sai	198W1A03D1	
		B Komal Purna Sai	198W1A03D0	
39	Fabrication of Wall Climbing Inspection Robot	J Pavan Kumar	208W1A03D3	Dr.B.Raghava Rao
		K Neelakantheswar	218W5A0338	
		P Uday Kiran	208W1A03F3	
		P Teja Sai Vishnu Vardhan	208W1A03F4	
		Y Srinivasulu	208W1A03H0	
40	Design of electromagnetic piston engine	Rajana chakri	208W1A03A4	Dr.C.Mahesh
		MD.Faizaan Ahmed	208W1A0388	
		Pagadala venkatesh	208W1A0397	
		H.Pallavi priya	208W1A0379	

		Bandela surya	208W1A0363	
41	PORTABLE GRAIN CONVEYOR	G Siva Kumar	208W1A03C6	DR.K.SRINIVAS
		R. Hemanth Kumar	208W1A03F5	
		G Harshith	208W1A03C7	
		Ch. Prem Kumar	208W1A03C0	
		S. Jagadeesh	208W1A03F8	
42	SOLAR OPERATED WEED REMOVING MACHINE AND PESTICIDES SPRAYER	B. Lokeswara Rao	218W5A0301	Dr.N.Ravi Kumar
		A. Sandeep	208W1A0301	
		T. Rohan	208W1A0351	
		J. Ravi Varma	218W5A0307	
		G. Akhil Raj	198W1A0376	
43	"ACCIPREV WITH KEY BY AUTOMATIC MOTOR BIKE STAND SLIDER"	D G V C Shankar	218W5A0316	Sri. P. Satheesh Kumar Reddy
		K Yashwanth	218W5A0317	
		M Vivek	208W1A0390	
		P Ganesh	208W1A03A2	
44	Modeling and Manufacturing of Multipurpose Wheelchair.	N. Pavanmanikanta	218W5A0334	Dr.A. Venkateswarulu
		G. Asish Varna	208W1A03D1	
		T. Chandu	208W1A03G6	
		T. Avinash	208W1A03G5	
		A. Manikanta	208W1A03B5	
45	DESIGN OF REGENERATIVE BRAKING SYSTEM	Y Sunil	218W5A0309	Sri.V.Sudheer Kumar
		B. Dhanush	208W1A0307	
		D Anand	208W1A0315	
		V Jnaseshwar	208W1A0356	
		B Swathi	208W1A0309	
46	Design of IIOT architecture for a belt conveyor system	G Prem Kumar Reddy	208W1A0372	Dr V L Krishnan
		P Prasanth	218W5A0320	
		G Sri Durga	208W1A0373	
		G Sasi Vardhan	208W1A0375	
		Y Mani Goutham	208W1A03B4	