

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**V. R.SIDDHARTHA ENGINEERING COLLEGE**  
**INNOVATIVE MODELS**  
**ACADEMIC YEAR 2021-2022**

<b>S. No</b>	<b>Title</b>	<b>Name</b>	<b>Roll No.</b>	<b>Supervisor</b>
1	Solar Panel Cleaning with Microfiber using Aurdino and LDR Sensor	M. Sri Saketh Krishna	188W1A0330	Dr. N. Ravi Kumar
		Syed Nazeer	188W1A0349	
		Ch. Koteswara Rao	188W1A0357	
		M. Naga Sai	188W1A0328	
		Ch. Sai Susmitha	198W5A0302	
2	Automatic Side Stand Retrieving System for Two Wheelers	P. Anjana Sai	188W1A03B8	Dr. K. Nagamalleswara Rao
		A. Nithya Sri	188W1A03B6	
		P. Bala Surya	188W1A03C0	
		B. Sowmya Deepika	188W1A03B9	
3	Enhancing the performance of a solar panel using flat plate reflectors	N. Bhanu Teja	188W1A0394	Dr. V. L. Krishnan
		R. Gireeswar	188W1A03A4	
		Md. Musharraf	198W5A0313	
		O A Mohammed Anas	188W1A0397	
		S. NV Syam Surya	178W1A03A3	
4	IOT Based Smart Fish Farming Aquaculture Monitoring System	M. Pavan Kumar	188W1A0329	Dr. A. Venkateswarlu
		A. Nayab Baba	188W1A0302	
		P Chandrakanth	188W1A0339	
		G. Manasa Tejaswinin	188W1A0318	
5	Fabrication of Copper Based Catalytic Converter	S. Yuvaraj Reddy	188W1A03A5	Dr. K. Srinivas
		Ch. Pradeep	198W5A0309	
		K. Naga Karthik	188W1A0380	
		L Joseph Emmanuel	188W1A0385	
		K Sri Sai	188W1A0381	
6		K. Janardhan	188W1A0383	Dr. M. Bala Chennaih

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	Adaptive Headlight system in Automobiles	U. Hemanth Kumar	188W1A03B0	
		Farha Tabassum	188W1A0369	
		N. Jayaraju	198W5A0315	
		G. Seshadri Naidu	188W1A0372	
7	Fabrication of Brick Using Biomedical Waste	N Lakshmi pathi Rao	188W1A0396	Dr. M. Balaji
		B. Karthik	188W1A0363	
		M Raju	188W1A0387	
		DVV Sudheer	188W1A0368	
		U Nagarjuna	188W1A03A9	
8	Design and Fabrication of a Water Can Carrying Machine	V. Vamsi	188W1A0352	Dr. Ch. Sri Chaitanya
		Md. Mustafa	188W1A0332	
		L. Vinit	188W1A0326	
		P. Gopichand	188W1A0338	
9	Energy Harvesting with Different Beams	A. Sai Teja	188W1A0303	Dr. T. Hari Krishna
		J Surya Simha	188W1A0321	
		M. Nagendra Sai Babu	188W1A0327	
		A Harshini	198W5A0301	
10	Design and Fabrication of Wind Blade	K. Abhiram	188W1A0382	Sri M. Rajesh
		M. Vijay Kiran	188W1A0392	
		K. Sai Kiran	188W1A0378	
		Ch. Shanmukh Srinivas	188W1A0367	
		Y. Praneeth	188W1A03B3	
11	Object Detection in Extreme Dark Conditions	S. Surya Vamsi	188W1A03G1	Dr. M. Sumalatha
		NPSS Venkata Raman	188W1A03F2	
		Y. Gopi Krishna	188W1A03G9	

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		MVSS Rama Krishnan	188W1A03F0	
		V. Sai	188W1A03G7	
12	Air Filtration by Vacuum Process	V. Sai Krishna	188W1A03B1	Smt. G. Sri Valli
		M. Keerthana	188W1A0388	
		K. Ajay Sagar	188W1A0377	
		Ch. Sudar Rao	188W1A03B4	
		Ch. Gireesh	188W1A0366	
13	Semi Automatic Farming	P. Raghava Sai Murthy	188W1A0341	Sri. P. Gopinadh
		P. Naga Bharadwaj	188W1A0342	
		S. Sri Charan	188W1A0347	
		Gaurav S Kumar	188W1A0316	
14	Four-Wheel Steering System	Y. Naga Sai Chandrika	188W1A03B2	Dr. R V Kiran Kumar
		M. Raghu Datta	188W1A0393	
		D. Puja	198W5A0310	
		B. Jeevan Reddy	188W1A0361	
		G. Anandh	188W1A0375	
15	Mini Peltier Based Cooler	G. Naveen	188W1A0320	Dr. V.V.Venu Madhav
		CH. Avinash	188W1A0313	
		Y. Sai Babu Patnaik	188W1A0356	
		SK. Altaf Rehman	188W1A0348	
16	Android Controlled Automatic Jack System for Vehicle	G. Teja	188W1A0373	Smt. G. Sri Valli
		N. Raghuanth	188W1A03A3	
		B. Nissy Flora	188W1A0362	
		M. Kiran Kumar	198W5A0312	
		N. Ravi Varma	168W1A3A1	

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17	Multipurpose Agriculture Robot	M. Pavan Kumar	188W1A0329	Dr. A. Venkateswarlu
		A. Nayab Baba	188W1A0302	
		P Chandrakanth	188W1A0339	
		G. Manasa Tejaswinin	188W1A0318	
18	Fabrication of Pneumatic Powered Bumper Activation System for Vehicle Safety	N. V. Sai Kumar	188W1A0395	Sri. P. Sateesh Kumar Reddy
		P. Dhanunjay	198W5A0316	
		Ch. Vasu Teja	188W1A0365	
		Gadde Avinash	188W1A0371	
		G. Joseph Pravachan	188W1A0374	
19	Design and Development of Head Motion Controlled Wheel Chair	M. V. Gopi Krishna	188W1A0390	Mr. P. Gopinadh Chowdary
		A. Vikram	188W1A0359	
		P. Neha	188W1A03A1	
		T. Venkata Sai	188W1A03A8	
		R. Syam Krishna	168W1A03F9	
20	Motion Induced Table by Hand Raise Act (MITHRA)	K. Abhiram	188W1A0382	Sri M. Rajesh
		M. Vijay Kiran	188W1A0392	
		K. Sai Kiran	188W1A0378	
		Ch. Shanmukh Srinivas	188W1A0367	
		Y. Praneeth	188W1A03B3	
21	Design and Fabrication of Automatic Cleaning Mechanism for split Air Conditioner	Anjana Sai P	188W1A03B8	Dr. KNM Rao
		A. Nithya sri	198W5A03B6	
		P. Bala Surya	188W1A03C0	
		B. Sowmya Deepika	188W1A03B9	

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22	Fabrication of a Wind and Solar Smart Charger	M. Bhargav Krishna	188W1A0333	Dr. G. Jamuna Rani
		S. Anand Kumar	188W1A0346	
		M. Ravi Kumar	188W1A0331	
		B. Ravi Teja	188W1A0306	
		N. Naveen	188W1A0336	
23	Android Controlled Automatic Jack with a Tyre Inflator	G. Teja	188W1A0373	Smt. G. Sri Valli
		N. Raghuanth	188W1A03A3	
		B. Nissy Flora	188W1A0362	
		M. Kiran Kumar	198W5A0312	
		N. Ravi Varma	168W1A3A1	
24	Pollution Capture and Control	M. Masroor Raza	198W1A0336	Dr. C. Mahesh
		G. Leela Prasad	198W1A0322	
		K. Pavan	198W1A0326	
		Ch. Vamsi	198W1A0314	
		P. Naga Sri Sai	198W1A0350	
25	Solar Panel Monitoring by Using IOT	K. Srinu	208W5A0305	Dr. V. L. Krishnan
		T. Hemanth Kumar	198W1A0360	
		Ch. Vamsi Krishna	198W1A0311	
		G. Nikesh	198W1A0318	
		S. Fahad	198W1A0357	
26	Foot Step Power Generation Using Piezo Sensors	D. Mohana Ranga Rao	208W5A0302	Mr. Ch. Venkata Prasad
		N. Venkata Ganesh	198W1A0345	
		A Lohith	198W1A0301	
		M. Prudhvi Venkat	198W1A0340	
		D. Jyothi Swaroop	198W1A0315	

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27	Water Tin Carrier and Loader	K. Radha Krishna	208W5A0306	Dr. A. Venkateswarlu
		R Jatin	198W1A0354	
		N. Mahesh	198W1A0342	
		M.M.H. Baig	198W1A0337	
		G. Akash	198W1A0320	
28	Design of Mini Cold Storage	Inthiyaz Khan	208W5A0304	Dr. Ch. Naga Raju
		Ch. Prakash Raj	198W1A0310	
		B Uday Kumar	198W1A0306	
		M Charan Naga Vijay	198W1A0333	
		P Lakshmi Krishna Surya	198W1A0351	
29	Egg Incubator for Small Scale Poultry Farmers	R Srinivasa Sarath Kumar	198W1A0353	Dr. Ch. Sri Chaitanya
		Sk. Afeef Ahmed	198W1A0358	
		M. Gunadeep	198W1A0341	
		I Nishanth	198W1A0323	
30	Advanced Mosquito Killer Equipment	B. Hemanth Kumar	198W1A0308	Dr. K. Srinivas
		N. Hemsai	198W1A0343	
		M Prudhvi Nitish	198W1A0338	
		V. Sai Nivas	198W1A0361	
		K. Nithin Kumar	198W1A0327	
31	Automatic Seatbelt Mechanism of Automobile	B Rakesh Kumar	208W5A0301	Dr. G. Dillibabu
		BLSVD Madhu	198W1A0305	
		K Priyamvada	198W1A0328	
		M Anusha	198W1A0334	
		N Mani Varma	198W1A0344	

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32	River Water Cleaning System	S Sai Varun	208W5A0313	Dr. V. Sridhar
		Sk Ismail	198W1A03B4	
		P. Uday Kumar	198W1A03A2	
		D Gopichand	198W1A0371	
		K Chaitanya	198W1A0382	
33	Solar Seed Treatment and Plantation Unit	P Raghu Venkat	208W5A0307	Dr. M. Balaji
		A Avinash	198W1A0304	
		MVS Chaitanya	198W1A0332	
		Y Dhanish	198W1A0316	
		A Manoj Kumar	198W1A0302	
34	Waste Heat Recovery System Using Thermo Electric Generator	K Nikhil Chand	198W1A0385	Dr. V. V. Venu Madhav
		A Srikanth	198W1A0362	
		G Bhanu Teja	198W1A0372	
		Ch Sri Varsha	198W1A0368	
		G Lakshman Chandu	198W1A0374	
35	Design of Helical Coil Condenser	Y Harshavardhan Varma	198W1A03C3	Mr. V. Vasu
		S Navya Keerthi	198W1A03B2	
		S Sai	198W1A03A8	
		Sk Afroz	198W1A03B3	
		K Kavya Sri	198W1A0381	
36	Waste Heat Recovery System for Power Generation Using Stirling Engine	I Siddhartha	198W1A0378	Smt. A. N. Phani Deepthi
		N Manoj Kumar	198W1A0396	
		S Nikhilendra Kishore	198W1A03B1	
		D Jashuva	198W1A0369	
		K Sai Praveen	198W1A0383	

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37	Modelling and Manufacturing of Herringbone Gear by using 3D printing Technology	D. Hari Krishna	208W5A0310	Mr. M. Ashol Chakravarthy
		M Leela Krishna Babu	198W1A0392	
		M Uday Siddartha	198W1A0390	
		D Yaswanth Sai	198W1A0370	
38	Design and Fabrication of Groundnut Shelling Machine	G.V. Narasamma	208W5A0317	Mr. P. Gopinadh Chowdary
		D. Rahul	198W1A03E1	
		P Mahesh	198W1A03G9	
		P Bhuvan	198W1A03D1	
		B Komal	198W1A03D0	
39	Tree Transplantation Hydraulic Device	V Akshay	198W1A03I5	Dr. Ch. Sri Chaitanya
		P Lakshmi Reddy	198W1A03G7	
		S Sai Jayanth	198W1A03H4	
		D Jayanth	198W1A03D8	
		K Praveen Kumar	198W1A03F3	
40	Design and Fabrication of TriWheel Stair Climbing Hand Trolley	N Hari Charan	198W1A03G5	Mr. P. Sateesh Kumar Reddy
		R Manoj	208W5A0319	
		M Srinivasa Rao	198W1A03G0	
		K Ranjith Kumar	198W1A03F0	
		H Sai Phaneendra	188W1A03D6	
41	Fabrication of Mini Solar Water Heater	K Chaitanya Sai Teja	198W1A03F6	Dr. G. Jamuna Rani
		L Naveen Babu	198W1A03F9	
		M Sai Dileep Kumar	198W1A03G1	
		S Nikhil	198W1A03H5	
		D Sai Rohith	178W1A0375	

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42	Bluetooth Control Grass Cutter Using Solar Power	Ch. Durga Rakesh	198W1A03D3	Dr. T. Hari Krishna
		Ch Bhavana	208W5A0316	
		M Krishna Sai	198W1A03F8	
		V Prudhvi	198W1A03I2	
		Y Bobby Yashwanth	198W1A03I6	
43	Piezoelectric Energy Harvesting Floor Mat	A Vinay	208W5A0315	Mr. K. Ravi Kumar
		N Vidyadhar	198W1A03G4	
		T Gopala Krishna	198W1A03H9	
		D Peddakasim	198W1A03E2	
		S Dheeraj	198W1A03H1	
44	Conservation of Kinetic Energy by Using a Flywheel in Bicycle	P Ram Reddy	198W1A03A6	Mr. Ch. Venkata Prasad
		A Saisri	198W1A0363	
		M Akash	198W1A0393	
		V Chiranjeevi	198W1A03B8	
45	Handy Harvesting Machine	Sk. Nishath Afroz	198W1A03B5	Dr. K Naga Malleswara Rao
		K Siva Teja	198W1A0386	
		P Veera Maha Lakshmi	198W1A03A0	
		Y Manideep	198W1A03C4	
		P Vamsi Anush	198W1A03A3	
46	Pico-Hydro Archimedes Screw Turbine For Rural India Electrification	L Upendra	208W5A0318	Dr. M. Bala Chennaiah
		Ch Naveen	198W1A03D4	
		P Karthik Surya	198W1A03G8	
		T Vamsi Krishna	198W1A03I0	

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47	Implementation of Rack and Pinion in Washbasin to Save Excess of Water	PNV Pradeep	198W1A03H0	Smt. B. Supraja Reddy
		K Sai Tarun	198W1A03F7	
		J Phanindra Kumar Naik	198W1A03E9	
		V Vivek	198W1A03I3	
		G Chakravarthy	198W1A03E7	
48	Enhancement of Flow Rate of Water Through Improvisation of Siphon Pump	P Vamsi	208W5A0312	Dr. K. Prakash Babu
		L Ganesh	198W1A0389	
		P Vinay Kumar	198W1A0398	
		SVSSALCM Subba Rao	198W1A03A7	
		S Sai Krishna	198W1A03A9	
49	Design and Fabrication of Beach Cleaning Machine	Sk. Fatimunnisa	198W1A03H2	Dr. V. Bapi Raju
		Ch Pramod	198W1A03D5	
		G Ravi Varma	198W1A03E5	
		V Siddhartha	198W1A03H3	
		A Sridhar	198W1A03C6	
50	Modelling and Fabrication of Eco-Friendly Road Cleaning Machine	V Srikanth	198W1A03I4	Mr. K. Siva Prasad
		Sk Ismail	208W5A0320	
		Ch Bhanu Prakash	198W1A03D2	
		K Mohanathi	198W1A03F2	
		M Bahaskara Sai	198W1A03G2	