




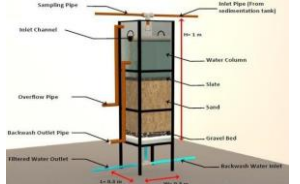






DEPARTMENT OF CIVIL ENGINEERING
V.R. SIDDHARTHA SCHOOL OF ENGINEERING
SIDDHARTHA ACADEMY OF HIGHER EDUCATION
(An Institution Deemed to be University)
(Under Section 3 of UGC Act, 1956)
Kanuru, Vijayawada – 520007, AP. www.vrsiddhartha.ac.in

Innovative models (AY 2025 – 26)

S. No.	Names of the Students	Guide Name	Title of the Model	Type of the Model	Photo of the Prototype
1	Y. Karthik	Dr. G.V. Rama Subba Rao	Sustainable Solar Park – Rural Development	Prototype	
2	G. Ramani	Dr. G. Vinay Kumar	Solar Powered Electrocoagulation System	Prototype	
3	T. Satya	Dr. G. Vinay Kumar	Biomass Briquettes	Prototype	
4	Amulya Katari	Dr. G. Vinay Kumar	Hybrid Low Cost House	Prototype	
5	V. Akshaya	Dr. Rama Vara Prasad	Utilisation of Waste Tyres for Ground Stability	Prototype	
6	Shaik Sirajuddin	Dr. Lakshmi Keshav	Rain Proof Stadium	Prototype	

7	V. Charisma	Dr. Lakshmi Keshav	Energy Efficient Smart City	Prototype	
8	Sushmitha Rayavarapu	Dr. Lakshmi Keshav	Solar Water Purifier	Prototype	
9	Krishna Kumari Muthavarapu	Dr. Lakshmi Keshav	Floating House	Prototype	
10	S. Dhanalakshmi	Dr. Lakshmi Keshav	Segregation of Solid Waste Management	Prototype	
11	S.L.V.M. Durga Prasad	Dr. V. Mallikarjuna	Recycled PET-Based Infiltration Trenches for Urban Flood Mitigation	Prototype	
12	P. Sarath Kumar	Dr. N. Malathi	IoT-Based Alert System for Reducing Accidents at Railway Crossing/Track on Animals	Prototype	
13	Gottipati Avinash	Dr. T. Sujatha	Amphibious Foundations	Prototype	
14	Kavya Sri Bunga	Dr. P. S. S. Ravi Teja	One Step, One Spark: Energy-Harvesting Pavement Tile	Prototype	

15	M. Anil Kumar	S. Satish	Railway Track Side Horizontal Axis Wind Turbine	Prototype	
16	Chinni Abhishek	Dr. P. K. Prasanna	A Zero Drainage System for Kandimallavari Banjara	Prototype	
17	B. Sai Yashaswini	Dr. U. V. Narayana	Waste Water Irrigation System with Solar-Powered Canal	Prototype	
18	B. Vyahruthi	Dr. Y. Suma	Vertical Water Treatment Plant	Prototype	
19	Dasu Mohith Venkat Sai	Dr. K. Hanuma	Eco Friendly Sustainable 3D-Printed Bus Shelter	Prototype	
20	G. Ganesh	Dr. U. V. Narayana	Infiltration pit	Prototype	
21	P. Balaji	Dr. N. Malathi	Smart Street Light System with Energy Saving	Prototype	


PROFESSOR & HEAD
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