

Department of Mechanical Engineering

V R Siddhartha Engineering College

IPR Details, A.Y 2023-24

S. No	Title	Ref. No	Dept.	Patent Filed Date	Published Date, if any	Name of the Faculty	Status	IPR Type	Processed through Institution/self
1	Lean And Six Sigma-Based Processes Enhance The Productivity And Performance Of Hotel Management	202341057870	ME	29/08/2023	08/09/2023	V Sudheer Kumar Amujuru Nookaraju Abhijt Chakraborty Mohamed Ariffuddeen M Karthik T Tejaskumar Rameshbhai Mistry Pankaj Singh Chandel Mohd Asif Shah S Shireesha A.Sasi Kumar B Amarnath Reddy Anthony Savio Herminio da Piedade Fernandes	Published	Utility	self
2	Deep Learning Based Approach To Predict Fuel Consumption And Maintenance Cost Of Heavy – Duty Vehicles While Using	202311063739	ME	22/09/2023	13/10/2023	Dr. Mohd Faizan Hasan Veeranapu Sudheer Kumar Raja Bura Dr. Prem Kumar Bharti Shailandra Kumar Prasad Mrs. Kiranmayee Jampala	Published	Utility	self

	Diesel And Alternative Fuels					Er. Abhijeet Maurya Dr. Jyothi Prasad Patra Dr. A. Sasi Kumar Dr. Vishal Ratansing Patil Ajay Senu Mahajan Dr. Vipi Y. Borote			
3	Development Of Banana Fiber/Pla Green Composite Thermal Insulation Panels For Cold Storage	202341064077	ME	25/09/2023	02/02/2024	Dr K Ramanaiah Dr. Srinivas Prasad Sanaka Dr. K. Durga Rao Dr.K.Hemachandra Reddy	Published	Utility	Self
4	3d Printing Wood - Pla Composite For Hvac Application	202341064083		25/09/2023	02/02/2024	Dr. Srinivas Prasad Sanaka Dr K Ramanaiah Dr. K. Durga Rao Dr.K.Hemachandra Reddy	Published	Utility	Self
5	Development and Fabrication of Filament Extruder for 3D-Printer and Material Recycling	202441000089	ME	01/01/2024	16/02/2024	Dr M B Chennaiah, K Ravi Kumar, Dr M Sumalatha, Dr. Reddy Sreenivasulu, Dr. M Sivarama Krishnaiah, G. Prem Kumar Reddy, Dharavathu Swamy, Gorthi Sri Durga.	Published	Utility	Self

6	Enhancing Electric Vehicle Performance For A Machine Learning Based Approach For Sensor Fault Detection In Battery Management System	202441005219	ME	25/01/2024	9/02/24	B Arundhati Mr.M.Nandha Kumar Vangipurapu Bapi Raju Dr.K.Rajesh Kalagotla Chenchireddy Veernapu Sudheer Kumar Khammampati R Sreejyothi J Rajichellam Dr. Srijan Paul Dr Sarnendu Paul Ramprabu J Dr.L.Anojkumar	Published	Utility	self
7	A Machine Learning Approach For Measuring College Students' Employment And Entrepreneurship Level	20244100538		25/1/2024	09/02/2024	Tata Hari Krishna Dr S Bharathidasan Dr Surjit Victor Dr.K.Kiran Kumar Varma D Srinivas Reddy Rahul Kumar Dr Shahid Sayed Dr. Jitendra Kumar Sahu Battula Kasi viswanadham B.Neeththi Aadithiya R Lakshmi Dr Ranjith Kumar Varre	Published	Utility	self