

**VELAGAPUDI RAMAKRISHNA  
SIDDHARTHA ENGINEERING COLLEGE (AUTONOMOUS)  
VIJAYAWADA – 520007  
MECHANICAL ENGINEERING DEPARTMENT  
PATENTS  
ACADEMIC YEAR 2023-24**

<b>S. No</b>	<b>Title</b>	<b>Ref. No</b>	<b>Dept.</b>	<b>Patent Filed Date</b>	<b>Published Date, if any</b>	<b>Name of the Faculty</b>	<b>Status</b>
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
2	DEEP LEARNING BASED APPROACH TO PREDICT FUEL CONSUMPTION AND MAINTENANCE	202311063739	ME	22/09/2023	13/10/2023	Dr. Mohd Faizan Hasan <b>Veeranapu Sudheer Kumar</b> Raja Bura Dr. Prem Kumar Bharti Shailandra Kumar Prasad Mrs. Kiranmayee Jampala Er. Abhijeet Maurya	Published

	COST OF HEAVY – DUTY VEHICLES WHILE USING DIESEL AND ALTERNATIVE FUELS					Dr. Jyothi Prasad Patra Dr. A. Sasi Kumar Dr. Vishal Ratansing Patil Ajay Senu Mahajan Dr. Vipi Y. Borote	
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