

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

Department of Mechanical Engineering

Best Projects

S. No.	Title of the Project	Name of the students	Roll No.	Project Guide
2020-21				
I	Optimization of process parameters for friction stir welding of AA6061T6 and comparing weld strength with TIG welding	Y. V CHAITANYA KUMAR	1602-17-736-009	T. Krishna Chaitanya
		PEDDI. NAVEEN REDDY	1602-17-736-023	
		K. SUMANTH SASTRI	1602-17-736-053	
II	Design and optimization of single-phase micro-channel cooling system in electronic devices	NAGA SAI. PANUGANTI	1602-17-736-021	Dr. P. Venkateswara Rao
		B. SRI CHARAN	1602-17-736-047	
2019-20				
I	Static structural analysis on tibia bone using different prosthetic plate materials and screws	KONDURI S S K. ANIRUDH	1602-16-736-005	Dr. T. Ramamohan Rao
		CHALAMALA. SHREYA	1602-16-736-044	
		VEDULA. SUNDEEP RAMA SOMAYAJULU	1602-16-736-051	
II	Optimization of process parameters for electrical discharge machine through soft computing techniques.	ANKAM AKHIL	1602-16-736-063	Dr. P.V. Gopal Krishna
		MD MISBAHUDDIN	1602-16-736-083	
		NAXMI KRISHNA	1602-16-736-075	
2018-19				
I	Design, Analysis and fabrication of Suspension system for all terrain vehicle.	M.SAI RITHVICK	1602-15-736-105	S. Kirthana
		B.MITHIL	1602-15-736-084	
		G VARUN KUMAR	1602-15-736-317	
II	Design, analysis and fabrication of concentrated solar powered multi effect desalination.	TALARI RAJINI MANASA	1602-15-736-029	M. SUDHAKAR
		B. SAI TEJA	1602-15-736-036	
		SAI JAYANT BHOGARAM	1602-15-736-038	
2017-18				
I	Performance study of twisted vaned diffuser in compressor stage.	B AMOGH	1602-14-736-005	Dr. P. VENKATESWARA RAO
		J KARTHIK REDDY	1602-14-736-017	
		CHIMMULA PRADEEP REDDY	1602-14-736-029	
II	FEA and additive manufacturing (fdm) of various infill patterns of a pateint specific cranial implant.	KONDURU SHIVA PRANAV	1602-14-736-045	Dr. T RAMAMOHAN RAO
		PALAGIRI SHIKHA SOMAN	1602-14-736-044	
		BALTHA SHREYA	1602-14-736-046	
2016-17				
I	Thermodynamic analysis of cascade refrigeration system using natural refrigerants.	MUSTYALA SAI NIKHIL	1602-13-736-102	Dr. S. VENKATAIAH
		RANGAVAJJULA VENKATADATTASAI	1602-13-736-114	
		JELLA ANJANEYULU	1602-10-736-321	
II	Computational fluid flow analysis of biogas digester.	RASHMIDHAR TEJA K	1602-13-736-037	Dr. A. SRINIVAS
		SAI SUSHANTH	1602-13-736-044	
		VAISHNAVI DANDANAK	1602-13-736-056	

S. No.	Title of the Project	Name of the students	Roll No.	Project Guide
2015-16				
I	Design and analysis of stair climbing wheel chair machine	SAI KEERTHI PUDARI SANTOSHI MOUNICA MEDURI NANGUNURU PADMA	1602-12-736-039 1602-12-736-042 1602-12-736-312	J. Anjaneyulu
II	Design and fabrication of bus prototype with advanced safety systems.	BOGGARAPU MANIKANTA SANKATI SAMPATH KUMAR	1602-12-736-076 1602-12-736-104	S. Sreekrishna
2014-15				
I	Fabrication of 3d printer (prusa mendel i3) and design of machine structure.	SUKESH KUMAR PABBA MAHENDAR KURMA PREMSHILPI VINJAMOORI	1602-11-736-054 1602-11-736-301 1602-11-736-309	Dr. K. Kishore
II	Design modification of cam shaft and gear ration in a four stroke engine to convert into a six stroke.	MOHD ANWARUDDIN SIDDIQUI MOHD BASHEER UDDIN RAJESH	1602-11-736-026 1602-11-736-027 1602-11-736-039	S. Venkataiah