




Narasaraopeta Engineering College (Autonomous): Narasaraopet

Department of Mechanical Engineering




Academic Year-2022-23



S. No	Title of the Project	Student Name	HT. Number	Area of project	Image
01	Fire And Gas Safety Alarm Prototype Using Arduino	Podila Gopinadh Damera Santhosh Onteru Veeranjanyulu Savalam Mani Kumar Lingisetty Rajasekhar	19471A0333 20475A0365 19471A0329 19471A0336 19471A0322	Mechatronics	
02	Design And Fabrication of Steering Gear Mechanism For Electric Vehicle	Gantasala Gopi Chand Nunna Bala Naveen Avvaru Yugandhar Koilada Pradeep Manda Raja Sekhar	20475A0338 20475A0324 20475A0349 20475A0339 20475A0317	Fabrication	
03	3D Printing of Automotive Differential	Dupati Anil Rajabathula Kishore Shaik Naravada Althaf Hussain Gadiboyina Nagaiah Lingireddy Gopi Reddy	20475A0331 20475A0310 20475A0332 20475A0353 20475A0302	3D Printing	

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01	Design and Fabrication of Prosthetic Hybrid hand by using additive manufacturing	Pilli Pedda Raju Maredu Pushparaju Penuguduru Dileep Kumar Syed Khaja Baba Karasani Koti Reddy Ramavathu Kotiswami Naik	19475A0311 19475A0310 18471A0334 18471A0348 18471A0321 18471A0338	3D Printing	
02	Manipulation of Robotic Arm By Using or Code	Yenimireddy Sivareddy Janga Lokesh Reddy Sarimella Gopi Reddy Kolli Sandeep Gadde Charan Bokka Venu	19475A0312 18471A0317 18471A0341 18471A0322 18471A0312 18471A0306	Robotics	
03	PLC Based Automatic Liquid Filling and Mixing System	MADASU BHUPATHI MANTI LAKSHMI NARAYANA TOKALA CHAITANYA KRISHNA KOMMULA VINAY GUNTUPALLI ESWAR PRADEEP PRATEEP YEKULA	18471A0326 19475A0304 18471A0351 18471A0323 18471A0337 18471A0336	Mechatronics	

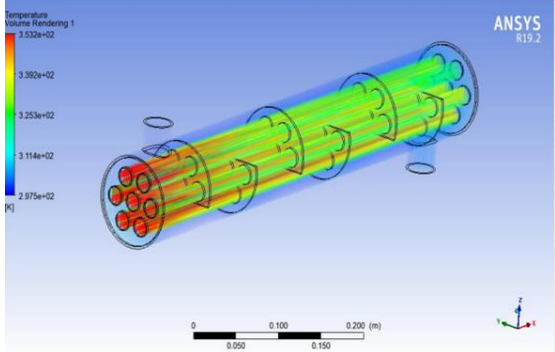
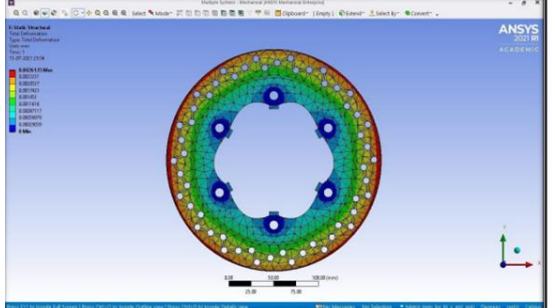
04	Design and Fabrication of Air Purifier By Using HEPA Air Filter	Pedda Vamsi Krishna Kalluri Avulamanda Aravind Draksha Mahesh Babu Dudekula Suresh Madamsetti Srisai Shaik Nayeem Perumalla Nagarjuna	18471A0333 18471A0303 19475A0307 18471A0325 18471A0345 18471A0335	Fabrication	
05	Automatic Traffic Control System Using PLC	Avula Pullarao Meerza Shabran Baig Ummanaboina Ramu Merajothu Vamsi Naik Peddakotla Prem Kumar Nalla Tejeswara Rao	1.19475A0370 2.19475A0372 3.19475A0376 4.19475A0332 5.19475A0327 6.19475A0373	Mechatronics	

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Academic Year-2020-21

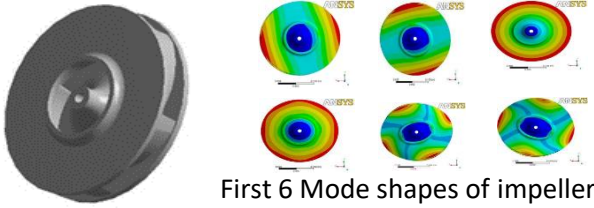


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01	Manipulating of Robotic Arm For Serving of Beverages	Shaik Yasin Jetti Purnachandra Rao Simhadri Chetana Krishna Kumara Boina Raju Kandula Nagarjuna Pentapati Rupanand	17471A0323 17471A0325 17471A0347 17471A0336 17471A0342 17471A0320	Robotics	
02	Design& Fabrication of Machine Dynamics laboratory equipment to find natural frequency	Vennapusala Srikanth Dareddy Venkata Rami Reddy Patan Mohiddeen Bommineni Ashok Babu Kundururu Nagi Reddy Nalukurthi Sukumar	17471A0316 17471A0344 17471A0318 17471A0313 17471A0308 16471A0308	Fabrication	
03	Performance of C.I engine using biodiesel and iron oxide (Fe ₂ O ₃) nano-particles.	Pallapu Mallikharjunarao Shaik Baji Challagundla Sita Ram Medida Mahesh Kayakokula Ravindra Bandi Johnbabu D.Sai Mohesh	17471A0311 17471A0315 16471A0367 17471A0330 17471A0349 17471A0324 16471A0345	Thermal Engineering	


04	Design & CFD analysis of shell and tube heat exchanger	Akkala Chandra Sekhar Reddy Yaragani Saidulu Vakkalagadda Ganesh Babu Ambati Praveen Kumar Nuthalapati Anil Bokka Rajashekhar	18475A0341 18475A0368 18475A0339 18475A0364 18475A0335 16471A0314	CAD	
05	Design, Analysis and optimization of automobile (two-wheeler) disc brake rotor.	Reddy Raja Naveen Shaik Badulla Syed Mohammad Adil Nettem Praveenkumar Palakayala Satya Sai Pakanati Goutham Kumar Reddy	18475A0328 18475A0321 18475A0361 18475A0348 18475A0343 18475A0362	CAD	

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Academic Year-2019-20

S.No	Title of the Project	Student Name	HT. Number	Area of project	Image
01	Centrifugal pump impeller design & modal analysis	Yeddula Venkateswara Reddy Budati Sukendar Reddy Parlapalli Siva Sankar Mathamsetti Ravi Raja Peravali Naga Sandeep Kumar	16471A0327 16471A0328 15471A03D2 15471A0316 15471A03C4	CAD	 <p style="text-align: center;">First 6 Mode shapes of impeller</p>
02	Studies on microbiological growth and machining characteristics over magnesium metal matrix composites	Tanniru Sai Manohar Kalluri Venkata Dhanunjaya Chintamalla Daveedu Makkena Venkata Biksham Vunnava Manikanta	16471A0335 16471A0316 16471A0343 15471A0394 15471A03C3	Composite	
03	Determination of loss of head due to sudden expansion and contraction	Alavala Sri Venkata Likith Thodeti Akshay Ananth Jidugu Nasaraiah Patibandla Suresh Molamanti Siva Koteswara Rao Maddu Narasimharao	17475A0313 17475A0327 17475A0320 17475A0323 17475A0308 16471A0360	Fabrication	

04	Agriculture Spraying Drone	Jangam Abraham Vykunta Pavankumar Shaik Riyaz Eluri Naga Teja Telluri Punna Reddy	17475A0329 17475A0319 17475A0306 17475A0305 16471A0353	Fabrication	
05	Pick & place operation by collaborating Electromagnetic and pneumatic Gripper Robots	Kurapati Vogesh Siva Sai Manikanta Govind Sai Krishna Thota Pagolu Venkatasubrahmanyam Darivemula Chinna Bathula Anjaneya Reddy	17475A0301 16471A0352 17475A0312 16471A0362 17475A0316	Robotics	