

K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Department of Mechanical Engineering
PROJECT DETAILS (2021-2022 EVEN SEMESTER)
Program/ Department: B.E/Mechanical (IV year/ VIII Semester)

S.No	Reg No	Name of the student	Project title	Name of the guide	Project Number
1	910618114008	ARUN KUMAR K	Numerical investigation of mixed convection heat transfer in a ventilated square enclosure having central blockage filled with Al ₂ O ₃ Nanofluid	Dr. N. Nagasubramanian	KLNCE/PRO/MECH/2021-22/ 001
	910618114015	ELANGO S			
	910618114031	POOJA T			
2	910618114046	UDHAYA KUMAR E S	Joining of dissimilar aluminium alloys using of different tool materials by friction stir welding	Dr. R. Ashok Kumar	KLNCE/PRO/MECH/2021-22/ 002
	910618114036	SABARI RAHUL M			
	910618114047	VIJAY R			
3	910618114013	DINESH M	Design and Fabrication of power tiller machine	Dr. C. Anbumeenakshi	KLNCE/PRO/MECH/2021-22/ 003
	910618114020	JEYA MURUGAN K			
	910618114027	MUKESH K			
4	910618114043	SUNDERLAL T S B	CFD simulation of conjugate mixed convection in a partially heated square enclosure with thick baffle using Al ₂ O ₃ nanofluid	Dr. M. R. Thansekhar	KLNCE/PRO/MECH/2021-22/ 004
	910618114037	SAKTHIISUDARSAN P			
	910618114034	PRITHIVI RAJ S			

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5	910618114026	MOHAMED BAZEER B	Effect of single and double pass friction stir processing on micro-hardness and wear properties of 6061 / SiC surface composites	Dr. D. Muthukrishnan	KLNCE/PRO/MECH/2021-22/ 005
	910618114007	ARKESH NANDAK O S			
	910618114028	MUKESHKUMAR BOKIL R			
6	910618114002	AATHI MOORTHY R K	Friction stir welding of dissimilar aluminium alloy with straight groove pin profile	Mr. T. Samynathan	KLNCE/PRO/MECH/2021-22/ 006
	910618114022	KAWASHKAR K			
	910618114023	KUMARAVEL N			
7	910618114044	SURESH BALAJI E M	Design development of enriched agro-waste based fuel blocks for various industrial application	Dr. P. Sabarinath	KLNCE/PRO/MECH/2021-22/ 007
	910618114039	SELVA GURU R			
	910618114048	YUGENTH M			
8	910618114010	ASWIN RAM P H	Friction stir welding of dissimilar aluminium alloys using different pin profiles	Dr. R. Ashok Kumar	KLNCE/PRO/MECH/2021-22/ 008
	910618114004	AJAY KUMAR D R B			
	910618114011	DEENA DHAYALAN K			

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9	910618114017	GOKUL RAJ R	CFD analysis of hot and cold steam flow in an elbow	Mr. M. Mohanraj	KLNCE/PRO/MECH/2021-22/ 009
	910618114018	GUHAN M			
	910618114024	MADHAVAN T B			
10	910618114014	DINESH KUMAR G	Design development of enriched agro-waste based fuel blocks for various industrial application	Mr. S. Nallathambi	KLNCE/PRO/MECH/2021-22/ 010
	910618114012	DHIVAKAR S			
	910618114001	AAKASH K			
11	910618114032	PRADEEP K	Sensor embedded braking system	Mr. E. V. Ganesh babu	KLNCE/PRO/MECH/2021-22/ 011
	910618114033	PRASANNA J			
	910618114038	SANJAY B			
12	910618114005	ANISHKUMAR S	Experimental investigation of pentagonal structured solar drier	Dr. C. Anbumeenakshi	KLNCE/PRO/MECH/2021-22/ 012
	910618114006	ARAVIND R			
	910618114021	KARTHICK K			
13	910618114035	RAHUL S	Natural fiber reinforced polymer composites	Dr. A. N. Balaji	KLNCE/PRO/MECH/2021-22/ 013
	910618114040	SIDDHARTH S			
	910618114041	SUBASH K			

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14	910618114009	ASHOK KUMAR M	Regenerative Braking System	Dr. P. Sabarinath	KLNCE/PRO/MECH/2021-22/ 014
	910618114045	THIRUMALAI RAJAN C			
	910618114042	SUJITH KUMAR P			
15	910618114019	HUSSAIN SHERIFF S	Wood chipping machine	Mr. T. Samynathan	KLNCE/PRO/MECH/2021-22/ 015
	910618114029	NAGA ARJUN V			
	910618114003	AJAY M			
16	910618114701	SRIVARSHAN L	Design and development of hollow cone swirling nozzle for commercial burner	Mr. S. Nallathamabi	KLNCE/PRO/MECH/2021-22/ 016
	910618114309	MOHAN G			
	910618114315	SANTHOSH KUMAR J			
17	910618114301	ABINESH KUMAR M	Fabrication and testing of tamirand and rice husk powder filled hybrid polyester reinforced composites	Mr. T. L. Vijayakumar	KLNCE/PRO/MECH/2021-22/ 017
	910618114702	MATHANKUMAR S			
	910618114304	ELANTAMIL RENGARAJ E			
18	910618114318	SIVA PRAKASH S	Analysis of mechanical properties of albezialebeck seed filled luffa cylindrical fiber reinforced polyester composites.	Mrs. B. Devi	KLNCE/PRO/MECH/2021-22/ 018
	910618114312	PRIYADHARSHAN M			
	910618114703	VIJAY M			

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19	910618114317	SATHISH M	Natural fiber reinforced polymer composite material	Dr. A. N. Balaji	KLNCE/PRO/MECH/2021-22/ 019
	910618114322	VISVA GANESH S			
	910618114311	PRASANNA SABARI M A			
20	910618114302	ARAVINDHA KUMAR NR	Numerical study of conjugate mixed convection in a square enclosure with thick baffle using Al ₂ O ₃ nanofluid	Dr. N. Nagasubramanian	KLNCE/PRO/MECH/2021-22/ 020
	910618114306	JAY S			
	910618114321	VIMAL M			
21	910618114303	ARJUNKUMAR S	Prototyping and analysis of HIP implant by rapid prototyping	Dr. P. Udhayakumar	KLNCE/PRO/MECH/2021-22/ 021
	910618114320	VIGNESH K S			
	910618114314	SAKTHIVEL M			
22	910618114307	KRISHNA KUMAR B	Fabrication of friction stir processing	Mr. M. Mohanraj	KLNCE/PRO/MECH/2021-22/ 022
	910618114319	THONNISETHUPATHI A			
	910618114308	MADHAN KUMAR R			
23	910618114316	SARAVANAPANDI D	Multi-axis Rotating Tilting tipper	Mr. T. Samynathan	KLNCE/PRO/MECH/2021-22/ 023
	910618114313	RAMPRABHU G			
	910618114310	PANDIYA RAJAN M			