

K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM-630612.**(An Autonomous Institution, Affiliated to Anna University, Chennai)****Department of Mechanical Engineering****Year/Semester: IV/ VIII****Batch:2020-2024 Subject Code: 20ME8L1**

S. No.	Register Number	Name of the student	Title of the project	Name of the Guide	Project Number
1.	910620101303	K.Akilasekar (211950)	Fabrication of customized neck brace by additive manufacturing	Dr.P.Udhayakumar	KLNCE/PRO/MECH/2023-24/001
	910620101351	A.J.Venkatesh (211942)			
2.	910620101320	R.Komalavaradhan(211907)	Automatic Engine off for Alcohol detection	Dr.P.Udhayakumar	KLNCE/PRO/MECH/2023-24/002
	910620101314	R.Harisudhan(211935)			
3.	910620101017	A.Manoj Kumar (201031)	CFD Analysis of mixed convection	Dr.M.R.Thansekhar	KLNCE/PRO/MECH/2023-24/003
	910620101019	S.Nithesh Kumar (201005)			
	910620101022	A.Pugazholi (201003)			
4.	910620101340	P.Sathya Narayanan (211914)	Oxygen cylinder Safety unit	Dr.M.R.Thansekhar	KLNCE/PRO/MECH/2023-24/004
	910620101305	V.ArunPandi (211904)			
	910620101301	M.Abhinav Krishna (211927)			
5.	910620101020	Nivethitha Mary A (201010)	CFD simulation of fluid flow in LID driven enclosure	Dr.M.R.Thansekhar	KLNCE/PRO/MECH/2023-24/005
	910620101012	K.KishoreKannan (201007)			
	910620101029	K.A.Sivasankar (201014)			

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6.	910620101339	S.Sarantheepsachena (211908)	Interactive AI infused Chatbot for mental illness	Dr.P.Sabarinath	KLNCE/PRO/MECH/2023-24/006
	910620101337	N.Santhosh (211912)			
	910620101321	S.Madan@Saravanan(211930)			
7.	910620101316	P.Kaleeswaran (211941)	Design and development of pneumatic gripper for universal testing machine	Dr.P.Sabarinath	KLNCE/PRO/MECH/2023-24/007
	910620101324	Z.MohammedIrfhan (211951)			
	910620101345	V.Srimuthusankar (211906)			
8.	910620101349	M.Tharanitharan (211919)	Pneumatic sheet metal cutting machine	Dr.D.Satheeshpandian	KLNCE/PRO/MECH/2023-24/008
	910620101318	J.R.Karthikeyan (211936)			
	910620101352	B.K.Vignesh (211940)			
9	910620101307	T.Dharmavel (211902)	Development of Coating Material Using Flax seeds for Solar panel	Dr.A.Hemalatha	KLNCE/PRO/MECH/2023-24/009
	910620101348	K.SureshGopi (211903)			
10.	910620101347	G.Sudharsan (211928)	Reverse Engineering / Indigenization formulation for compressive piston using phenol formaldehyde (PF) composite	Dr.A.Hemalatha	KLNCE/PRO/MECH/2023-24/010
11.	910620101304	M.Althaf Khan Ghorl (211909)	Automatic Solar seed sower machine	Dr.C.Anbumeenakshi	KLNCE/PRO/MECH/2023-24/011
	910620101331	C.Pandian (211913)			
	910620101326	R.M.MukeshSelvam (211953)			

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12.	910620101004	A.Chandru (201009)	Evaporative cooling system for the storage of fresh tomato	Dr.C.Anbumeenakshi	KLNCE/PRO/MECH/2023-24/012
	910620101018	M.Mugabalan (201028)			
	910620101007	L.Esakkiraj (201032)			
13.	910620101338	P.Saraan (211925)	Investigation of Al alloy composite joint using Friction stir welding	Dr.D.Muthu Krishnan	KLNCE/PRO/MECH/2023-24/013
	910620101309	P.Dineshpandi (211916)			
	910620101302	R.Adithyan (211932)			
14.	910620101010	U.Karikalan (201020)	Study of microstructure and mechanical properties of Friction stir welded joints of AA6101 – T6 and AA5052 alloy plates	Dr.D.Muthu Krishnan	KLNCE/PRO/MECH/2023-24/014
	910620101008	S.Harish (201013)			
	910620101003	S.Bharathraj (201006)			
15.	910620101032	B.SubashAathavan(201033)	Design and optimization of aircraft landing gear	Dr.D.Muthu Krishnan	KLNCE/PRO/MECH/2023-24/015
	910620101024	G.Sakthi Kumar (201034)			
	910620101005	K.Dhineshkumar(201025)			
16.	910620101015	D,Manikandan (201015)	Design and analysis of scissor unit	Mr.E.V.Ganeshbabu	KLNCE/PRO/MECH/2023-24/016
	910620101329	P.K.NaveenVishak (211929)			
	910620101334	N.Rooban (211931)			

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17.	910620101023	M.P.Raghul (201021)	Design and optimization of heavy weight drone	Mr.E.V.Ganeshbabu	KLNCE/PRO/MECH/2023-24/017
	910620101034	S.Vijayraj (201004)			
	910620101021	R.Prasanna (201017)			
18.	910620101322	K.Maheshsiva (211949)	Design and development of various agro waste enriched fuel blocks for domestic and industrial applications	Mr.S.Nallathambi	KLNCE/PRO/MECH/2023-24/018
	910620101330	M.Omprakash(211952)			
	910620101325	G.Mukeshram(211934)			
19.	910620101319	R.Kishore(211947)	Drill Bit Grinding Machine	Mr.S.Nallathambi	KLNCE/PRO/MECH/2023-24/019
	910620101346	P.SrinivasanMadhavan(211922)			
20.	910620101317	Kallin C L Chand (211923)	Design and Optimisation of Front Wheel Streering system with Moveable Head Light	Mr.S.Nallathambi	KLNCE/PRO/MECH/2023-24/020
	910620101315	A.S.K.Hasan Ibrahim (211948)			
21.	910620101332	N.Rajaranjith (211939)	Experimental investigation on Aluminium alloy AA6101 – T6 and AA7075 using Friction stir welding	Mr.M.Mohanraj	KLNCE/PRO/MECH/2023-24/021
	910620101308	B.Dharsin Kumar (211924)			
	910620101353	K.Vigneshwaran (211954)			

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S. No.	Register Number	Name of the student	Title of the project	Name of the Guide	Project Number
22.	910620101350	R.Thejoswaran (211933)	Investigation on Microstructure, & Tensile strength on Friction Stir Welding of AA6061 & AA6101 plates.	Mr.M.Mohanraj	KLNCE/PRO/MECH/2023-24/022
	910620101333	L.S.Ramnath (211937)			
	910620101306	M.S.Balaji (211938)			
23.	910620101328	M.NaveenRajaa(211944)	Numerical simulation on the effect of friction stir welding parameters by using ANSYS software	Mr.M.Mohanraj	KLNCE/PRO/MECH/2023-24/023
	910620101344	S.Sivasurya(211943)			
	910620101354	M.Viswasiva(211945)			
24.	910620101001	M.Arun Kumar (201030)	Design optimization of brake caliper pin	Mr.T.Samynathan	KLNCE/PRO/MECH/2023-24/024
	910620101016	G.B.ManojPrabhakar (201019)			
	910620101026	R.Sanjay (201016)			
25.	910620101002	M.S.Balaji (201011)	Design and optimization of chevron nozzle	Mr.T.Samynathan	KLNCE/PRO/MECH/2023-24/025
	910620101011	S.KeerthiVasan (201002)			
	910620101009	A.Joel Jerry (201301)			
26.	910620101312	S.GokulPrasath (211920)	Formulation of compound to develop PVC / PU floater for using in fish net applications	Mr.T.L.Vijaya Kumar	KLNCE/PRO/MECH/2023-24/026
	910620101327	S.Nagoor Sheriff (211901)			
	910620101336	M.SameerDawood (211946)			

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27.	910620101323	R.Manikandan (211917)	Design and fabrication of efficient cleaning mechanism of photovoltaic (PV) panels	Mr.T.L.Vijaya Kumar	KLNCE/PRO/MECH/2023-24/027
	910620101343	M.S.Sivaprakash (211921)			
	910620101313	R.Harikrishnakanth (211910)			
28.	910620101335	S.SakthiVel (211911)	Automatic PV solar tracking system	Mr.T.L.Vijaya Kumar	KLNCE/ PRO/MECH/2023-24/028
	910620101341	S.Shaileshwaran (211918)			
	910620101311	K.S.Eswar Ram (211905)			
29.	910620101027	M.S.Sanjay Kumar (201024)	Analysis of mechanical properties of LIMONIA ACIDISDIMA shell powder reinforced polyester composites	Mrs.B.Devi	KLNCE/PRO/MECH/2023-24/029
	910620101030	T.P.Sivaprakash (201026)			
	910620101025	P.S.Sanjay (201027)			
30.	910620101006	J.Divyesh (201001)	Evaluation of mechanical properties of hybrid neem bark and seed	Mrs.B.Devi	KLNCE/PRO/MECH/2023-24/030
	910620101014	M.Logith (201018)			
	910620101342	R.Sivakumar (211915)			
31.	910620101013	A.Logeshkannan (201008)	Design and fabrication of Agricultural wheel Sprayer	Mrs.B.Devi	KLNCE/PRO/MECH/2023-24/031
	910620101033	G.Sudharsan (201012)			
	910620101028	B.Senthilkumar (201023)			