

K.L.N.COLLEGE OF ENGINEERING
B.E Mechanical Engineering Batch : 2012 - 2016
List of UG Projects

S.No	REGISTER NUMBERS	STUDENTS NAME	TITLE	GUIDE	PROJECT NUMBER
1.	910612114090 910612114081 910612114074 910612114057	A.SHAHNAWAZ R.SANTHOSHKUMAR G.RAMACHANDRAN K.NIRMAL	Corrosion Behaviour Of Fe-Bn-Tic Nanocomposites	Mr.G.R.RAGHAV	KLNCE/PRO/MECH/2015-16/ 001
2.	910612114071 910612114091	M.RAJAPANDI S.S.SHANKARANANTH	Automation Of Pressure Control System In Gt(Green Tyre) Shapping	Mr.D.SATHEESH PANDIAN	KLNCE/PRO/MECH/2015-16/ 002
3.	910612114088 910612114093 910612114094	K. SENTHIL KUMAR M.R. SIVA KUMAR SRIKRISHNAN SENTHILNATHAN	Design And Implementation Of Lean Concept In A Power Press	Mr. T. L. VIJAYA KUMAR	KLNCE/PRO/MECH/2015-16/ 003
4.	910612114065 910612114067 910612114110	P.P.PRASANNA M.S.PRASANTH T.B.VISHNUKUMAR	Automatic Scale Removal In Die And Mould	Mr.R.PANDIYA RAJAN	KLNCE/PRO/MECH/2015-16/ 004
5.	910612114085 910612114102	S.SATHISH KUMAR R.VIGNESH	Productivity Improvement I n Auto Cleaning Process	Mr.G.M.NAGARAJAN	KLNCE/PRO/MECH/2015-16/ 005
6.	910612114099 910612114062 910612114960	K.UMESH KUMAR P.PRADEEP S.PETHURAJ	Developement Of Auto Mobile And Sports Equipments Using Aloe Cactus Fibre Reinforced Polyester Composites	Dr.A.N.BALAJI	KLNCE/PRO/MECH/2015-16/ 006
7.	910612114063 910612114079 910612114987	A.K.PRAGATHISAN V.K.SAI PRASAD C.SELVAGANESAN	Experimental Investigations Of Metal Matrix Composites By Using Stir Casting Method	Mr.R.PANDIYA RAJAN	KLNCE/PRO/MECH/2015-16/ 007
8.	910612114100 910612114095	K.A.USMAN K.S.SUBASH GANDHI	Design And Fabrication Of Fixture For Brake Lever Hanger Bracket Assembly	Mr.G.M.NAGARAJAN	KLNCE/PRO/MECH/2015-16/ 008
9.	910612114306 910612114310 910612114315	D.ASHOKKUMAR M.KARTHICK M.MUTHU MEENAKSHI SUNDARAM	Design Of Overlapper Attachment For Bias Cutting Machine For Productivity Improvement	Mr.T.SAMYNATHAN	KLNCE/PRO/MECH/2015-16/ 009
10.	910612114064 910612114096 910612114104 910612114105	K.PRAJEESH G.SUMAN BABU A.VIGNESHWARAN B.VIGNESHWARAN	Design And Fabrication Of Foot Operated Vehicle For Physically Challenged Person	Mr.T.L.VIJAYAKUMAR	KLNCE/PRO/MECH/2015-16/ 010
11.	910612114059 910612114098 910612114304	S.PARIVALLAL M.THANAMANI V.R.ARJUN	Portable Fixtures For Top Tube End Scarfing Machine	Mr.E.V.GANESH BABU	KLNCE/PRO/MECH/2015-16/ 011
12.	910612114077 910612114101	R.A.SABARISH K.S.VENKATESH	Change Over Time Reduction In Master Cylinder Assembly Line	Mr.M.A.SARAVANAN	KLNCE/PRO/MECH/2015-16/ 012
13.	910612114308 910612114329 910612114326	M.GOPINATH K.R.VISHWESH KUMAR S.SUKUMAR	Productivity Improvement In Industry By Using Belt Profile Grinding Machine	Mrs. B.DEVI	KLNCE/PRO/MECH/2015-16/ 013
14.	910612114305 910612114309 910612114318	M.ARUNKUMAR S.R.HARIHARAN R.SANKAR	Energy Conservation On Cement Plant	Mr.M.A.SARAVANAN	KLNCE/PRO/MECH/2015-16/ 014
15.	910612114089 910612114080	G.SETHUPATHI E.SANTHOSH KUMAR	Product Improvement By Automated Combi Screw Machine	Mrs. S.PORSELVI	KLNCE/PRO/MECH/2015-16/ 015
16.	910612114112 910612114108 910612114078 910612114072	R.VIVEK P.J.VINOTH S.SADISHKUMAR L.RAJENDRA SINGH SOLANKI	Design And Fabrication Of Tilting Mechanism For Trike	Mr.D.SATHEESH PANDIAN	KLNCE/PRO/MECH/2015-16/ 016
17.	910612114002 910612114024 910612114031 910612114001	ABISHEKKUMAR K DINESH T GOPIKRISHNAN P ABILASH R	Design And Fabrication Of Automated Guided Vehicle	Mr.P.SABARINATH	KLNCE/PRO/MECH/2015-16/ 017
18.	910612114004 910612114018 910612114323 910612114041	AMIRTHAVARSHAN G S BHARATH BABU K P K SIVARAMAN M	Aluminium Metal Matrix Composite	Mr.A.M.NAGARAJAN	KLNCE/PRO/MECH/2015-16/ 018

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19.	910612114016 910612114040 910612114055 910612114046	BASEER MYDEEN M JOEL C NATARAJAN B MANIMUTHU G	Pneumatically Operated Pick And Place Robot	Mr.E.V.GANESH BABU	KLNCE/PRO/MECH/2015 -16/ 019
20.	910612114020 910612114023 910612114009	DANIEL IRUDHAYARAJ D DINESH R ARIVALAGAN M	Design And Fabrication Of Pneumatic Curing Press (Firestone Tvs, Madurai)	Mr.N.B.KARTHIK BABU	KLNCE/PRO/MECH/2015 -16/ 020
21.	910612114026 910612114027 910612114028	ESWARAN B E GANAPATHIAPPAN S GANAPATHY P	Waste Heat Recovery In Automotive Engines By Using Heat Pipes And Ammonia Vapour Absorption Refrigeration System	Mr.R.MANIKANDAN	KLNCE/PRO/MECH/2015 -16/ 021
22.	910612114044 910612114048 910612114051	MANIKANDAN P J MARIKUMAR S MUTHUPANDI P	Fabrication Of Automatic Drain Cleaner	Mr.M.MOHANRAJ	KLNCE/PRO/MECH/2015 -16/ 022
23.	910612114011	ASHOK A N	Part Feeding Cycle Time Reduction Of Mhe Operators And Implementation Of Pull System Using Jit System Renault Nissan	Mr.A.M.NAGARAJAN	KLNCE/PRO/MECH/2015 -16/ 023
24	910612114021 910612114042 910612114901	DHIVAKAR K KARTHICK J R DEEPAKLAL K S	IMPROVING UTILIZATION OF MAN BY USING MAN MACHINE CHART (RANE ENGINE VALVES, TRICHY)	Mr.K.J.NAGARAJAN	KLNCE/PRO/MECH/2015 -16/ 024
25.	910612114032 910612114037 910612114045	GOUSHIK NA G JEBINDHERSINGH JACKSON B MANIKANDA PRASANTH S U	Enhancement Of Leanness Through Part Kit Supply To Multiproduct Assembly Line. (Rane Trw Steering System)	Mr.G.R.KATHIRESAN	KLNCE/PRO/MECH/2015 -16/ 025
26.	910612114008 910612114047 910612114052 910612114054	ARAVIND RAJAN S MANOJ PRABAKAR K B NAGA ARJUN N NAGARJUN K	Fabrication Of Hybrid Vehicle Using Hydraulic Regenerative Braking System (Hrbs)	Mr.N.NAGASUBRAMANIA N	KLNCE/PRO/MECH/2015 -16/ 026
27.	910612114012 910612114030 910612114325	ASHWIN KRISHNA M GOBALAKRISHNAN M SUBBIAH S	Tyre Loss Reduction Due To Top Ejector Water Passing (Tvs Srichakra)	Mrs.C.ANBUMEENATCHI	KLNCE/PRO/MECH/2015 -16/ 027
28.	910612114019 910612114043 910612114301	CHITIRAI SELVAN V KURALARASAN K AMARNATH S	Casting Improvement Of Butterfly Valve In Casting (Aruna Alloys, Madurai)	Mr.M.SATHEESH KUMAR	KLNCE/PRO/MECH/2015 -16/ 028
29.	910612114056 910612114316 910612114327 910612114701	NAVEEN KUMAR V PRASANTH B R R VIGNESH P R ARUN K	3 Axis Pneumatic Trailer	Mr.K.K.ARUN VIGNESH	KLNCE/PRO/MECH/2015 -16/ 029
30.	910612114103 910612114320 910612114324	K.VIGNESHKUMAR S.SARAVANAN M.SRIBALAJI	Analysing And Improving Efficiency Of Radiator Using Cfd	Mr.M.SATHEESHKUMAR	KLNCE/PRO/MECH/2015 -16/ 030
31.	910612114013 910612114017 910612114082	C.BALAJI M.BEKAN L.SARATHKUMAR	Implementation Of Continual Improvement Methods In Small Scale Sheet Metal Industries Using Japanese Manufacturing Concepts	Mr.T.L.VIJAYAKUMAR	KLNCE/PRO/MECH/2015 -16/ 031
32.	910612114083 910612114092 910612114113	S.SASIKUMAR V.SHYAM SUNDAR K.VIVEK PANDIAN	Process and Quality Kaizen In Tube Plant by Introducing Cellular Layout, Jidoka and Poka Yoke	Mr.M.SATHEESHKUMAR	KLNCE/PRO/MECH/2015 -16/ 032
33.	910612114053 910612114069 910612114061	B.H.NAGARAJAN M.PRAVEEN KUMAR D.PRABAKARAN	Experimental Investigation Of Heat Transfer In Microchannel Heat Sink	Mrs.C.ANBUMEENAKSHI	KLNCE/PRO/MECH/2015 -16/ 033
34.	910612114106	S.VIJAY	Design And Analysis Of Flow Investigation In Wavy Microchannel	Mr.M.SATHEESHKUMAR	KLNCE/PRO/MECH/2015 -16/ 034
35.	910612114006	K.ANNALAKSHMI	Modification Of Shear Hold Down Plate In Entry Section Of Coil Build Up Line	Dr.P.UDHAYAKUMAR	KLNCE/PRO/MECH/2015 -16/ 035
36.	910612114084 910612114075	M.SATHISH KUMAR K.RANJITH KUMAR	Analysing The Process Parameters To Improve	Mr.K.J.NAGARAJAN	KLNCE/PRO/MECH/2015 -16/ 036

			Product Quality		
37.	910612114005 910612114014 910612114015 910612114073	S.ANAND P.BALAKRISHNAN M.BALAVIGNESHWAR AN R.RAJESHWARAN	Experimental Investigation Of Heat Transfer In Locally Heated Microchannel Heat Sink	Dr.M.R.THANSEKHAR	KLNCE/PRO/MECH/2015 -16/ 037
38.	910612114025 910612114066 910612114107 910612114073	R.M.EKANATH BABU T.S.PRASANNA KUMAR S.R.VIKASH K.R.VISVESWARAN	Wear Analysis Of Aluminium Based Metal Matrix Composites	Mr.K.K.ARUNVIGNESH	KLNCE/PRO/MECH/2015 -16/ 038
39.	910612114109 910612114076 910612114086	R.VINOTH P.RENGANATHAN M.SATHIS PANDI	Wear Analysis Of (Fe-Ti- Al ₂ O ₃) Nano Composite Material By Sintering Process	Mr.G.R.RAGHAV	KLNCE/PRO/MECH/2015 -16/ 039
40.	910612114034 910612114010 910612114034	B.HARISH KUMAR K.ARUN S.ARAVIND	Design Of Handbrake Indication System In Trains	Mr.K.J.NAGARAJAN	KLNCE/PRO/MECH/2015 -16/ 040
41.	910612114322 910612114328 910612114314 910612114317	P.SIVAPANDI B.VINOTH KUMAR M.MOHAMED YASIN S.RAJA	Effect Of Header Shape On Flow Maldistribution In Microchannel	Mrs.C.ANBUMEENAKSHI	KLNCE/PRO/MECH/2015 -16/ 041
42.	910612114038 910612114039 910612114036	M.JEEVANANTHAM G.JEYACHANDRAN S.JATIN BANSAL	ENHANCEMENT OF PRODUCTIVITY THROUGH LEAN DESIGN &IMPLEMENTATION FOR MANUFACTURE OF AIR SPRING SUSPENSION	Mr.G.R.KATHIRESAN	KLNCE/PRO/MECH/2015 -16/ 042
43.	910612114049 910612114022 910612114050	K.MURUGAN K.DINESH M.MUTHUKUMAR	Friction Stir Welding Of Dissimilar Aluminium Alloys With Varying Axial Load	Mr.R.ASHOKKUMAR	KLNCE/PRO/MECH/2015 -16/ 043
44.	910612114003 910612114035 910612114033	R.G.ADITHYA ARAVIND A.D.HARI VIGNESH S.D.GOWTHAM	Friction Stir Welding Of Dissimilar Aluminium Alloys By Varying Tool Pin Profile	Mr.R.ASHOKKUMAR	KLNCE/PRO/MECH/2015 -16/ 044
45.	910612114070 910612114068 910612114058	R.RAJAN B.S.D.PRAVEEN M.PANDI	Design Of Mistake Proofing To Detect Child Parts Mix- Up In The Vaccum Booster	Mr.R.MANIKANDAN	KLNCE/PRO/MECH/2015 -16/ 045
46.	910612114313 910612114303 910612114702	K.K.MANIKANDAN P.ARAVIND PRABHU J.VIPIN JENRAJ	Studies On The Effect Of Nr Crumb Tuber On Mechanical Properties Of V-Belt Compounds	Mr.T.SAMYNATHAN	KLNCE/PRO/MECH/2015 -16/ 046
47.	910612114319 910612114312 910612114321 910612114311	P. SANTHOSH KUMAR M.MADHAN RAJ K.N. SHANKARNATH S. KARTHICK RAJA	Fabrication Of Garbage Collecting System In Train Compartment	Mr.S.NALLATHAMBI	KLNCE/PRO/MECH/2015 -16/ 047