

K.L.N. College of Engineering, Pottapalayam -630612
B.E.MECHANICAL ENGINEERING
FINAL YEAR PROJECT DETAILS (2011-15)

| SL.NO. | ROLL NO. | UNIV. REG. NO. | NAME | TITLE | GUIDE NAME | PROJECT NUMBER |
|--------|----------------------------|--|--|--|------------------------------|-----------------------------|
| 1. | 111123 111034 111030 | 910611114019 910611114033 910611114046 | O.S.Brammashtiran S.Kalidas V.Naveen Krishna | Design development of light weight disc brake using FEA | Mr.N.Nagasubramanian | KLNCE/PRO/MECH/2014-15/ 001 |
| 2. | 111101 111108 111113 | 910611114028 910611114015 910611114008 | Gowsighan.B.N Balaji.G.S Arunkumar.s | Cycle time reduction in oil groove and bolt solt machine | Mr.T.Samynathan | KLNCE/PRO/MECH/2014-15/ 002 |
| 3. | 111008 111003 111311 | 910611114041 910611114042 910611114025 | Manikandaprabhu.S Mathankumar.S Dineshkumar.R | Throughput time reduction in the tractor assembly | Mr.G.R.Kathiresan | KLNCE/PRO/MECH/2014-15/ 003 |
| 4. | 111304 111316 121918 | 910611114016 910611114040 910611114303 | Baskar .B Krishnakumar .K Gowtham .B.S.R | Design and modification of nip adjusting method in rubber milling machine | Mrs.A.Hemalatha | KLNCE/PRO/MECH/2014-15/ 004 |
| 5. | 111018 111011 111308 | 910611114039 910611114026 910611114032 | Kasipandi. K George Vignesh. J Jagan Mathan. C.N. | Design & Simulation of Pneumatic gripper for lifting heavy weight | Mr. N. Nagasubramanian | KLNCE/PRO/MECH/2014-15/ 005 |
| 6. | 121401 121905 111313 | 910611114701 910611114314 910611114014 | Karthick.V Senthur Kundran .N Balaji.G | Reducing Process cycle in Outer Blank Production | Mrs.C.Anbu Meenakshi | KLNCE/PRO/MECH/2014-15/ 006 |
| 7. | 111035 111010 111042 | 910611114043 910611114021 910611114022 | Mathavaraja N.P Buvaneshwaran .B Chakravarthy. D | Improving the overall effectiveness of the machine by single minute exchange of die | Dr.A.N.Balaji | KLNCE/PRO/MECH/2014-15/ 007 |
| 8. | 111319 121913 121916 | 910611114011 910611114301 910611114311 | Azhagu Abinesh .B.S Arjun .V Sarath Kumar .R | Mechanical Behaviour of Modified 9cr-1Mo Ferreitic steel weld used in fire tube boiled | Mrs.C.Anbu Meenakshi | KLNCE/PRO/MECH/2014-15/ 008 |
| 9. | 111126 121910 | 910611114009 910611114021 | Ashok Kumar. S.M. Sasi Kumar. R. | Improving Process of tandem master cylinder Assembly line by using line Balancing | Mr. R.Ashok Kumar | KLNCE/PRO/MECH/2014-15/ 009 |
| 10 | 111107 111037 111115 | 910611114020 910611114001 910611114037 | Bubesh. V.M. Alaguraja. K Karthick. PNKV. | Cycle Time Reduction in bottleneck machines | Dr. A.N.Balaji, M.E., Ph.D., | KLNCE/PRO/MECH/2014-15/ 010 |
| 11 | 111013 111112 111024 | 910611114004 910611114012 910611114003 | Aravind. K.K. Baburam Seshayee. T.B. Arasarethina Kumar. N | Right first time improvement of square hood extension bracket alignment in line with radiator assembly | Mr. R.Ashok Kumar | KLNCE/PRO/MECH/2014-15/ 011 |
| 12. | 111307 111007 111012 | 910611114024 910611114047 910611114031 | Dharmesh.P Pandiyanarajan.V Jackuesrajan.T | Reduction of off highway tyre rejection due to partial curing | Mr.A.M.Nagarajan | KLNCE/PRO/MECH/2014-15/ 012 |
| 13. | 121906 111109 | 910611114310 910611114023 | Prajeethman .T.R.R Dhakshnamoorthy T.M | Analysis and improvement of overall equipment effectiveness of panel Processing machine | Dr.M.R.Thansekhar | KLNCE/PRO/MECH/2014-15/ 013 |
| 14. | 111031 111040 121915 | 910611114002 910611114017 910611114305 | Anbu Selvan. S Baskaran. K Latchumanan | Quality Improvement in input shaft line | Mr. N.B.Karthik Babu | KLNCE/PRO/MECH/2014-15/ 014 |
| 15. | 111001 111302 | 910611114006 910611114048 | Aravindha Kishore. R Parthasarathy. U | Quality Improvement in | Prof. G.R.Kathiresan | KLNCE/PRO/MECH/2014-15/ 015 |

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| | | | | Part handling of CKD house | | |
| 16. | 111305 121909 | 910611114030 910611114316 | Harish R.P Sivaraj .R | Design of systematic process layout of Engine finishing department | Dr.S.Balasubramanian | KLNCE/PRO/MECH/2014-15/ 016 |
| 17. | 111314 | 910611114029 | V.Haridev | Industrial valves in power plants | Mr.M.Satheeshkumar | KLNCE/PRO/MECH/2014-15/ 017 |
| 18 | 111306 111116 111320 | 910611114018 910611114036 910611114044 | B.Bharathirajan B.G.Karthick K.Mohamed Riaz | Removal of high pressure fluctuation in tyre curing process | Mr.G.R.Raghav | KLNCE/PRO/MECH/2014-15/ 018 |
| 19. | 111310 111028 | 910611114005 910611114035 | Aravinda kumaran.N Kanagavel.G | Lead time reduction for Hyundai grand ilo outside handle by implementing lean tools | Mr.Vijaya kumar T.L | KLNCE/PRO/MECH/2014-15/ 019 |
| 20. | 111041 121908 111004 111119 | 910611114007 910611114401 910611114010 910611114013 | Arul Raj. G Arunkumar. R Aukash Kalyan. A Bala Kumar. G.S. | Implementation of Lean concept in oil seal Manufacturing | Mr. T.L. Vijaya Kumar | KLNCE/PRO/MECH/2014-15/ 020 |
| 21. | 121904 111122 | 910611114306 910611114050 | T.Maduraiveeran T.K.Prabhu | Design of welding tip to increase productivity | Mr.Nagarajan.K.J. | KLNCE/PRO/MECH/2014-15/ 021 |
| 22 | 111303 111025 111120 | 910611114049 910611114063 910611114085 | Prabhakaran. M Sathish Kumar. N Vignesh. T.N. | Design and Fabrication of Appalam (Papad) making machine | Mr. M.A.Saravanan | KLNCE/PRO/MECH/2014-15/ 022 |
| 23. | 111315 121917 121914 | 910611114059 910611114312 910611114315 | G.Sakthivel S.Saravana kumar M.Seshan | Influence of reinforcement (Tio2+B4C) on A356 based composite layer by FSP | Mr.D.Muthukrishnan | KLNCE/PRO/MECH/2014-15/ 023 |
| 24. | 111104 111016 111026 | 910611114089 910611114086 910611114084 | Vinoth Kumar. K.G. Vijay Kumar. B.R. Vignesh. R.M. | Bleed test on fuel oil system apparatus for 3D Locomotive Engine | Mr. N.B.Karthik Babu | KLNCE/PRO/MECH/2014-15/ 024 |
| 25. | 111029 111322 111318 | 910611114080 910611114038 910611114045 | Velpandian. M Karthikeyan. M Muneeswaran. S | Reduction of Processing Time in Gripping Machine | Mr, K.J.Nagarajan | KLNCE/PRO/MECH/2014-15/ 025 |
| 26. | 111019 111021 111020 | 910611114053 910611114068 910611114067 | S.Ram kumar R.Sivagowri Sankar A.sirajdheen | Modification of Herber machine from header tubes bending to coil tubes bending | Mr.S.Nallathambi | KLNCE/PRO/MECH/2014-15/ 026 |
| 27. | 121911 121902 111009 | 910611114308 910611114302 910611114083 | Muthu pandi. S Chandru. S.G. Vignesh Prabhu. P | Corrosion Inhibition of Mild steel using Natural Inhibitors | Mr G.R.Raghav | KLNCE/PRO/MECH/2014-15/ 027 |
| 28. | 111105 111014 111103 | 910611114057 910611114082 910611114066 | Sabaris. K.S. Vibhisheik Chandar. K. Shriram Koushik. M.K. | Reduction of Top width variation in square cutting machine of Idy – V belts | Mr M.Mohanraj | KLNCE/PRO/MECH/2014-15/ 028 |
| 29. | 111015 111017 111022 | 910611114052 910611114055 910611114077 | B.Rajesh kannan S.Ranjith kumar G.Tamizhanban | Reduction of time through effective optimization of M6 bolt manufacturing process. | Mr E.V.Ganesh babu | KLNCE/PRO/MECH/2014-15/ 029 |
| 30. | 111039 111033 111124 | 910611114075 910611114073 910611114027 | Suresh Babu. G Sundar. P Gopi. B | Reduction of Welding Network in 20 TORCH machine | Mr. B.Suresh Babu | KLNCE/PRO/MECH/2014-15/ 030 |
| 31. | 111005 111006 121903 | 910611114064 910611114074 910611114304 | G.Selva murugan A.Suresh S.Karthick | Design & fabrication of sequential pneumatic ash choke remover | Mr.M.A.Saravanan | KLNCE/PRO/MECH/2014-15/ 031 |

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| 32. | 111114 111121 111118 | 910611114079 910611114062 910611114087 | L.U.Uma chander A.B.Sathish kumar C.V.Vinith babu | Reduction of scrap in the structure of bus body. | Mr.S.Nalla thambi | KLNCE/PRO/MECH/2014- 15/ 032 |
| 33. | 111002 111027 111032 | 910611114069 910611114061 910611114051 | Sri Ragu. K Satham Hussai. M Rajan. R | Elimination of scrap from Dust seal compound in Kneader Machine | Mrs. S.Porselvi | KLNCE/PRO/MECH/2014- 15/ 033 |
| 34. | 121912 111317 111301 | 910611114309 910611114070 910611114065 | S.Naveen ram C.Sri ranganath S.Sheik Abdullah | Cost reuction in die cases | Mr.P.Satheesh kumar | KLNCE/PRO/MECH/2014- 15/ 034 |
| 35. | 111106 121901 111038 | 910611114090 910611114317 910611114072 | Vishna prasanth. R.B. Surya. S.P. Srinivash. P.N. | Retrofit of Feed water system and Improvement of Mechanical seal cooling in Boiler Feed Pump | Mrs. S.Porselvi | KLNCE/PRO/MECH/2014- 15/ 035 |
| 36. | 121907 111110 111117 | 910611114307 910611114060 910611114081 | J.Marimuthu@Karthick M.N.Saravanan K.R.Venkatesh | Reducing change over time for 2000 70N press expansion by using shigeo shingo approach | Mr G.M.Nagarajan | KLNCE/PRO/MECH/2014- 15/ 036 |
| 37. | 111036 101330 111309 111321 | 910611114071 910611114501 910611114056 910611114058 | K.Srijith S.Selva ganapathy R.Roshan K.Sakthi ramaih | Minimizing the material handling cost in single row facility layout using ISFHA | Mr.R.Manikandan | KLNCE/PRO/MECH/2014- 15/ 037 |
| 38 | 111102 111023 111125 | 910611114088 910611114054 910611114078 | R.S.Vnoth kumar A.Ranjith kumar A.M.Udhaya kumar | Wastage reduction and productivity improvement using value stream mapping | Mr.D.Satheesh pandian | KLNCE/PRO/MECH/2014- 15/ 038 |