

**K.L.N. College of Engineering, Pottapalayam -630612**  
**B.E.ELECTRONICS AND INSTRUMENTATION ENGINEERING**  
**FINAL YEAR PROJECT DETAILS (2009-2013)**

| SI.No | Title of the project  | University Reg. number                    | Name of the student   | Project Guide       | Project Number              |
|-------|---|---|---|---------------------|-----------------------------|
| 1.    | Corrosion Detection And Analysis Technique  | 90409122022<br>90409122011<br>90409122035 | S.V.Prasanna Kumar<br>A.H.Kumaran<br>N.J.Venkatesh Babu         | Mr.D.Pradeep Kannan | KLNCE/PRO/EIE/2012-2103-001 |
| 2.    | Analytical Design Of Various Controller For MIMO System (Coupled Spherical Tank)        | 90409122028<br>90409122029<br>90409122002 | S.S.Radeshwar<br>B.Raja<br>K.Dhanasekar                         | Prof.S.Nagammai     | KLNCE/PRO/EIE/2012-2103-002 |
| 3.    | Automation Of Vacuum Moulding Press And Production Monitoring System Using PLC          | 90409122506<br>90409122010<br>90409122015 | S.Bharath<br>S.Koushik<br>J.MiltonKulandaiRaj                   | Mr.P.Ravi Kumar     | KLNCE/PRO/EIE/2012-2103-003 |
| 4.    | Design Of Power Electronics Using LABVIEW   | 90409122519<br>90409122516<br>90409122515 | M.G.Vivekanantha<br>P.Sathish<br>S.RamaKrishnan                 | Mr.P.Ravi Kumar     | KLNCE/PRO/EIE/2012-2103-004 |
| 5.    | High efficiency DC – DC converter with two input power source                           | 90409122013<br>90409122518<br>90409122012 | A.MaruthuPrasad<br>K.A.Vimal Kumar<br>K.LakshmanaBharathi       | Mr.S.Balamurugan    | KLNCE/PRO/EIE/2012-2103-005 |
| 6.    | Image Fusion Techniques And Fuzzy Logic Methods Using Virtual Instrumentation           | 90409122005<br>90409122513<br>90409122020 | S.L.Hemanth<br>Chakkaravarthy<br>K.B.Pradeep<br>C.J.NirmalKumar | Mr.R.Naveeth Kumar  | KLNCE/PRO/EIE/2012-2103-006 |
| 7.    | Content Based Image Retrieval Using Statistical Model And Segmentation                  | 90409122508<br>90409122512<br>90409122033 | R.Harikrishnan<br>C.PethaPerumal<br>N.SenthilAnantha Pandian    | Mr.R.Naveeth Kumar  | KLNCE/PRO/EIE/2012-2103-007 |
| 8.    | Low Power Pattern Generation For BIST   | 90409122031<br>90409122004<br>90409122007 | N.K.Sabari<br>M.HabeebRahman<br>A.Karthick                      | Ms.K.Dhanalakshmi   | KLNCE/PRO/EIE/2012-2103-008 |
| 9.    | Fixed-Width Multiplier With Low Error Using Dual MIC                                    | 90409122503<br>90409122023<br>90409122502 | K.P.Balaji<br>M.S.Prasanna<br>P.S.AswinSooraj Kumar             | Ms.K.Dhanalakshmi   | KLNCE/PRO/EIE/2012-2103-009 |
| 10.   | Automation Of De-Inking pulp Receiving Chest Using DCS                                  | 90409122025<br>90409122514<br>90409122301 | V.K.Prashanth<br>M.Rajesh<br>M.SenthilKumar                     | Ms.K.Dhanalakshmi   | KLNCE/PRO/EIE/2012-2103-010 |
| 11.   | Design Of A Pipe Inspection Robot   | 90409122036<br>90409122017<br>90409122024 | V.Vivek<br>C.MuthuKumar<br>B.PrashanthNapolean                  | Mrs.Abirami         | KLNCE/PRO/EIE/2012-2103-011 |
| 12.   | Automatic Control Of Secondary Air Dampers According To Unit Load                       | 90409122030<br>90409122016<br>90409122003 | K.RoopanBharathiRaj<br>R.MuthuMurugan<br>V.Dhanavel             | Mrs.Abirami         | KLNCE/PRO/EIE/2012-2103-012 |
| 13.   | Analytical Design Of Various Controllers For A Non-Linear Interacting Tank Process      | 90409122501<br>90409122006                | I.Aarifa<br>S.D.Idhaya  | Prof.S.Nagammai     | KLNCE/PRO/EIE/2012-2103-013 |
| 14.   | Design Of Fractional Order Controller For A Non-Linear Spherical Tank Process           | 90409122511<br>90409122509<br>90409122517 | T.M.PadmaPreetha<br>G.Kali Divya<br>P.Usha Nandhini             | Mr.D.Pradeep Kannan | KLNCE/PRO/EIE/2012-2103-014 |
| 15.   | Design Of Controllers For Yeast Fermentation Process                                    | 90409122510<br>90409122505<br>90409122504 | M.KaviRethinam<br>D.Bavya<br>R.Banu Priya                       | Mr.D.Pradeep Kannan | KLNCE/PRO/EIE/2012-2103-015 |
| 16.   | A Novel Approach Of Percutaneous Transluminal Angiographic Images With Neuro Classifier | 90409122034<br>90409122019<br>90409122507 | M.V.Vandhana<br>P.Nandhini<br>B.Dhivya                          | Mrs.A.Umarani       | KLNCE/PRO/EIE/2012-2103-016 |
| 17.   | PLC Based Temperature Control Unit For A Calendering Machine                            | 90409122014<br>90409122009                | S.M.Meenal<br>R.Kiruthika                                       | Mrs.A.Umarani       | KLNCE/PRO/EIE/2012-2103-017 |
| 18.   | Modelling And Control Of Rotary Inverted Pendulum                                       | 90409122018<br>90409122001                | P.Mythili<br>V.Aishwarya  | Mr.S.Balamurugan    | KLNCE/PRO/EIE/2012-2103-018 |
| 19.   | Modelling And Control Of Ball And Beam System   | 90409122021<br>90409122032                | P.Pavithra<br>S.Saranya   | Mr.S.Balamurugan    | KLNCE/PRO/EIE/2012-2103-019 |
| 20.   | Dual Sensing FlameMonitoring  | 90409122027<br>90409122026<br>90409122008 | S.Priyadharsni<br>J.G.Pratha<br>H.Keerthika                     | Mr.V.Aravindarajan  | KLNCE/PRO/EIE/2012-2103-020 |