

MAIN PROJECT 2009-2013

1. P09-01 CIP Automation in Milk Plant
2. P09-02 Monitoring & Safety interlocking of Boiler Feed water pump using PLC
3. P09-03 Automatic water purification using PLC
4. P09-04 PLC Based Automatic drier temperature control system
5. P09-05 Automatic irrigation & fertigation in Polyhouse Farming using PLC
6. P09-06 Automation of Thread skiver using PLC
7. P09-07 Control of Non linear chemical process using Fuzzy Logic
8. P09-08 Automation of Nitrogen plant using PLC & SCADA
9. P09-09 Poultry farm automation using PLC

MAIN PROJECT 2010-2014

1. P10-01 PLC based interlocking system for freon compressor .
2. P10-02 Advanced automobile security system using real time computer vision technique .
3. P10-03 Upgradation of lift system using a newer version programable logic controller .
4. P10-04 Cutting angle automation in horizontal bias cutter .
5. P10-05 HHO cooking system
6. P10-06 PLC based interlocking scheme for control of brine purification plant .
7. P10-07 Automation of connector pin missing system using PLC
8. P10-08 Power saving iron box .
9. P10-09 Solar panel automatic management system based on PLC .
10. P10-10 Density based traffic control system .

MAIN PROJECT 2011-2015

1. P11-01 PLC implementation of ammonia compressor
2. P11-02 Auto control of instrument air compressor using PLC
3. P11-03 PLC based hydrogen dryer
4. P11-04 Automation of burner management system using PLC
5. P11-05 Automation of HCL synthesis plant and simulation using LABVIEW
6. P11-06 Design of GUI and remote monitoring of multiprocess stations
7. P11-07 Control of combustion process in a furnace boiler system
8. P11-08 Simulation of FREON compressor using MATLAB

MAIN PROJECT 2012-2016

1. P12-03 Automation of filter passing PLC and SCADA
2. P12-07 Comparison and implementation of balance controllers for a rotary inverted Pendulum

3. P12-16 Monitoring of clotting disorders and blood pressure using LABVIEW
4. P12-18 Pilot plant automation using ABB PLC and LABVIEW DSC
5. P12-25 Implementation of ration And feedback control strategies in pilot plant using ABB PLC and ifix 5.0 with safety interlocks
6. P12-31 Data logging and transmission
7. P12-37 Dairy plant monitoring and control using Labview as SCADA
8. P12-42 Implementation of vehicle control system using CAN protocol
9. P12-48 Industrial IOT system
10. P12-56 Mobile ticketing system for automatic fare collection model for public transport

MAIN PROJECT 2013-2017

1. P13-01 Flow control using control valve aystem position feedback
2. P13-02 PLC and SCADA based controlling of level and flow process station
3. P13-03 PLC and SCADA based water quality monitoring system
4. P13-04 Waste water treatment using PLC and SCADA
5. P13-05 Automation in thermal power plant using PLC and SCADA
6. P13-06 PLC and SCADA based control of temperature and pressure process station
7. P13-07 Cloud based SCADA system for integrated water resource development and management in kannur , dt of Kannur
8. P13-08 VFD FED motor speed controlling using PLC and SCADA

MAIN PROJECT 2014-2016

1. P14-01 Simulation of circle oil distribution using ASPEN HYSIS
2. P14-02 Modeling and control of hybrid three tank system
3. P14-03 Modeling and control of interacting three tank system
4. P14-04 Comparative analysis of controllers for high pressure rated modified CSTR system
5. P14-05 Robust control design for ternarey reactive distillation column using backstepping
6. P14-06 Performance analysis of pH neutralization process for PI and IMC PI controllers
7. P14-07 Simultaneous design and control of a ternary reactive distillation column using mixed integer dynamic optimisation
8. P14-08 Dynamic modeling and control for solid oxide fuel cell (SOFC)