Finolex Academy of Management and Technology, Ratnagiri
Electrical Engineering Department

Final Year Students Project List Academic Year 2014-2015	
Sr. No.	Project Title
01	PLC BASED INDUSTRIAL BOILER AUTOMATION
02	SPEED CONTROL OF PERMANENT MAGNET BLDC MOTOR
03	SINGLE PHASE SEVEN LEVEL STAND ALONE SOLAR INVERTER
04	SIX PHASE INDUCTION MOTOR DRIVE
05	AC POSITION CONTROL SYSTEM
06	DESIGN OF BUCK BOOST AND BUCK-BOOST CONVERTER
07	SOFT STARTER FOR 3-PHASE INDUCTION MOTOR
08	THREE PHASE FULLY CONTROLLED CONVERTER DRIVE
09	STATIC VAR COMPENSATOR

Final Year Students Project List Academic Year 2013-2014	
01	FLAPPER TYPE VERTICAL AXIS TURBINE
02	PLC BASED AUTOMATIC BOTTLE FILLING SYSTEM USING DELTA PLC
03	DYNAMIC BRAKING AND PLUGGING PANEL OF THREE PHASE INDUCTION MOTOR
04	DESIGN AND IMPLEMENTATION OF FIVE LEVEL DIODE CLAMPED INVERTER
05	DESIGN AND IMPLEMENTATION OF ANALOG PULSE GENERATION CIRCUIT FOR FIVE LEVEL DIODE CLAMPED INVERTER
06	THREE PHASE RECTIFIER PANEL
07	DESIGN OF CONTROL SYSTEM LAB USING DC SERVOMOTOR PID CONTROLLER
08	GRID INTERCONNECTION OF RENEWABLE ENERGY SOURCES AT THE DISTRIBUTION LEVEL WITH POWER QUALITY IMPROVEMENT FEATURES.
09	DEMONSTRATION PANEL FOR VARIOUS APPLICATION OF PLC.

Final Year Students Project List Academic Year 2012-2013	
01	GUI MODEL OF LOAD FLOW STUDIES USING MATLAB
02	NUCLEAR POWER PLANT AUTOMATION USING SCADA
03	ACTIVE TWO STAGE BOOST CONVERTER WITH UNITY POWER FACTOR
04	SOLAR BATTERY CHARGER WITH MPPT CONTEROLLER
05	DESIGN AND FABRICATION OF SMALL SIZE LIGHT WEIGHT SINGLE PHASE THREE LEVEL INVERTER
06	RING MAIN AUTOMATION USING SCADA
07	SPEED CONTROL OF SINGLE PHASE INDUCTION MOTOR USING CYCLOCONVERTER.

Final Year Students Project List Academic Year 2011-2012	
01	SINGLE PHASE INDUCTION MOTOR SOFT START BY STEPPED DELAY BY REDUCING FIRING ANGLE
02	ELECTRICITY THEFT DETECTION ON SMART GRID CONCEPT
03	CONTROL OF TEMPERATURE AND PRESSURE IN SUGAR INDUSTRY
04	FAULT DETECTION AND PROTECTION USING PLC
05	V/F CONTROL OF THREE PHASE INDUCTION MOTOR USING PWM TECHNIQUE
06	PROTECTION AND CONTROL OF SINGLE PHASE INDUCTION MOTOR.