

**ELECTRICAL AND ELECTRONICS ENGINEERING
FINAL YEAR PROJECT DETAILS (2010-14)**

Sl.no	Project title	Students name	Univ.Reg.No.	Guide Name	Project Numbers
1	MAXIMUM ALLOWABLE LOAD CALCULATION USING DIFFERENTIAL EVOLUTION AND ARTIFICIAL BEE COLONY ALGORITHM	F.GIFTSON	105904121017	Dr.K.GNANAMBAL	KLNCE/PRO/EEE/2013-2014/001
		S.HARIHARAN	105904121021		
		P.KARTHICK	105904121028		
		S.V.BALAJI	105904121501		
2	OPTIMAL CAPACITOR ALLOCATION USING EVOLUTIONARY ALGORITHM FOR LOSS MINIMIZATION	K.R.MURALISREENIVASAN	105904121041	Dr.S.M.KANNAN	KLNCE/PRO/ECE/20132014/002
		M.MARIA ANTONY RINALDO	105904121038		
3	DESIGN OF PASSIVE FILTER USING DEPSO FOR HARMONIC MITIGATION	M.DIVYA	105904121014	A.S.S.MURUGAN	KLNCE/PRO/ECE/2013-2014/003
		P.N.S.ISWARYA	105904121022		
		M.MALAI ARASI	105904121037		
4	AN ACTIVE SHUNT DIVERTER FOR AN ON LOAD TAP CHANGERS BY USING EMBEDDED SYSTEM	M.GOWTHAMI	105904121019	P.K.ARUN KUMAR	KLNCE/PRO/ECE/2013-2014/004
		M.KRISHNAPRIYA	105904121033		
		ANUSHA ELIZABETH	105904121044		
5	MODELLING AND SIMULATION OFF STATIC VAR COMPENSATOR USING FUZZY LOGIC CONTROLLER FOR POWER FACTOR CORRECTION	A.DIVYA	105904121013	P.K.ARUN KUMAR	KLNCE/PRO/ECE/2013-2014/005
		A.KALAIVANI	105904121026		
		R.LAKSHMIPRIYA	105904121035		
6	PERIPHERAL INTERFACE CONTROLLER BASED AUTOMATIC ROBOT FIRING ON INFILTRATORS	BHAGAT SINGH.T.E	105904121010	M.JEGADEESAN	KLNCE/PRO/ECE/2013-2014/006
		FIDEL CASTRO.D	105904121016		
		KALAI MURUGAN.A	105904121025		
7	DC-AC ELEVEN LEVEL CASCADED H-BRIDGE MULTILEVEL INVERTER FOR HIGH POWER APPLICATIONS	V.ARAVIND	105904121007	M.JEYAMURUGAN	KLNCE/PRO/ECE/2013-2014/007
		M.MUTHU PANDI	105904121043		
		R.DEEPAN KUMAR	105904121011		
8	ECONOMIC DISPATCH USING TEACHING LEARNING ALGORITHM	M.ABINANTHANA	105904121001	J.MERLIN	KLNCE/PRO/ECE/2013-2014/008
		M.ANGELIN SUBITCHA	105904121003		
		G.EZHILARASI	105904121015		
9	LOAD CURTAILMENT IN RESTRUCTURED POWER SYSTEM USING PSO AND GA	M.JOHN BAPTISTA	105904121024	Dr.S.VENKATESAN	KLNCE/PRO/ECE/2013-2014/009
		C.MONISHAA	105904121040		
		P.MAHA LAKSHMI	105904121036		
10	CURRENT SOURCE INVERTER BASED PHOTOVOLTAIC SYSTEM FOR GRID CONNECTION	K.R.KUMARAN	105904121034	Dr.S.M.KANNAN	KLNCE/PRO/ECE/2013-2014/010
		J.MICHEAL MATHAN	105904121508		
11	ASSESSMENT OF AVAILABLE TRANSFER CAPABILITY FOR MADURAI UTILITY SYSTEM	V.KANNAN	105904121027	S.MANOHARAN	KLNCE/PRO/ECE/2013-2014/011
		R.ARUN KUMAR	105904121009		
		B.S.GOBINATH	105904121018		
12	XBEE BASED REMOTE MONITORING OF TRANSFORMER HEALTH	A.KANCHANA	105904121504	S.RAJALINGAM	KLNCE/PRO/ECE/2013-2014/012
		K.JEYANTHI	105904121023		
		C.MUTHU SARANYA	105904121042		
		A.SHAKTHI SAMAEI	105904121069		
13	DESIGN OF THREE PHASE RECTIFIER BASED ON SEPIC CONVERTER OPERATING IN DISCONTINUOUS CONDUCTION MODE	M.MOHAMED WAHID	105904121039	S.VENKAT NARAYANAN	KLNCE/PRO/ECE/2013-2014/013
		J.N.KISHORE	105904121031		
		A.SOOSAAI RAJEEV	105904121514		
14	DESIGN AND IMPLEMENTATION OF MULTILEVEL INVERTER FOR SOLAR ENERGY SOURCES WITH MPPT CONTROLLER	N.RAJAMANICKAM	105904121512	R.JEYAPANDI PRATHAB	KLNCE/PRO/ECE/2013-2014/014
		S.KIRUBAKARAN	105904121030		
		M.K.ALAGARSAMY	105904121002		
15	PROTECTION OF TRANSFORMER USING BACK PROPAGATION NEURAL NETWORK	D.PARTHIBAN	105904121510	T.GOPU	KLNCE/PRO/ECE/2013-2014/015
		T.G.ARAVIND KUMAR	105904121006		
16	VOLTAGE REGULATION OF POSITIVE BUCK-BOOST DC-DC CONVERTER	T.B.KISHOREPRASANNA	105904121032	R.JEYAROHINI	KLNCE/PRO/ECE/2013-2014/016
		M.UMAKIRUSHNAN	105904121515		
		R.MARUTHUPANDIAN	105904121507		
17	VOLTAGE STABILITY ANALYSIS USING FIREFLY ALGORITHM	L.K.HARIHARARAJ	105904121020	Dr.K.GNANAMBAL	KLNCE/PRO/ECE/2013-2014/017
		T.C.ARAVIND VENKATESH	105904121005		
		K.VIGNESHWARAN	105904121517		
18	AUTOMATIC LOAD CONTROL WITH RESPECT TO POWER GENERATION USING PIC CONTROLLER	P.DINESH KUMAR	105904121012	Dr.K.GNANAMBAL	KLNCE/PRO/ECE/2013-2014/018
		B.ARUMUGAM	105904121008		
		P.KARTHICK	105904121029		
19	DESIGN AND IMPLEMENTATION OF SLIT-LAMP POWER SUPPLY BY USING SEPIC INTEGRATED	A.JAYAKUMAR	105904121503	S.VENKATA NARAYANAN	KLNCE/PRO/ECE/2013-2014/019
		M.KARTHIK KUMAR	105904121506		
		R.SHANMUGA SUNDARAM	105904121070		

	KY CONVERTER				
20	ERROR PROOFING IN HYDRAULIC PRESS MACHINE FOR WRONG BUSH ORIENTATION	M.R.SELVAKUMAR	105904121068	Dr.S.VENKATESAN	KLNCE/PRO/ECE/2013-2014/020
		A.J.SREVATSHAN	105904121077		
		R.P.SRIRAM	105904121079		
21	MULTI OBJECTIVE OPTIMIZATION USING FIREFLY ALGORITHM	S.PANDIMA DEVI	105904121048	J.MERLIN	KLNCE/PRO/ECE/2013-2014/021
		R.PRIYANKA	105904121053		
		J.SATHYA	105904121067		
22	ARM PROCESSOR CONTROLLED THYRISTOR BASED HARMONIC FILTER	M.SIVA SANKARA SUBRAMANIAN	105904121074	S.PARTHASARATHY	KLNCE/PRO/ECE/2013-2014/022
		S.PRAKASH	105904121511		
		M.SHANMUGAVEL RAJAN	105904121071		
		S.RAGUNANDHAN	105904121051		
23	STUDY AND ANALYSIS OF MULTI-TAPPED TRANSFORMER BASED INVERTER	A.PREJEETH IRUDAYA RONISHA	105904121052	S.PARTHASARATHY	KLNCE/PRO/ECE/2013-2014/023
		R.M.SANJANA	105904121062		
		V.SARANYA	105904121064		
24	DESIGN OF FRACTIONAL ORDER PI CONTROLLER FOR SPEED CONTROL OF BLDC MOTOR	M.SHIVARANJANI	105904121073	S.MANO HARAN	KLNCE/PRO/ECE/2013-2014/024
25	MINIMIZATION OF NO-LOAD LOSSES OF 3 ϕ INDUCTION MOTOR USING PASSIVE INFRARED SENSOR	R.VIJAY KANNAN	105904121086	P.LOGANTHURAI	KLNCE/PRO/ECE/2013-2014/025
		H.SRINATH	105904121078		
		C.VIJAY	105904121087		
26	DESIGN OF SHUNT ACTIVE FILTER USING CASCADE H-BRIDGE MULTILEVEL CONVERTER FOR HARMONIC MITIGATION	M.PRABHAKARAN	105904121056	A.S.S.MURUGAN	KLNCE/PRO/ECE/2013-2014/026
		N.S.PRAVEEN KUMAR	105904121051		
		J.K.KARTHICK	105904121505		
27	NOISE MITIGATION IN FLY BACK DC-DC CONVERTER USING RRRM SCHEME	P.K.VENKATESHWARAN	105904121516	M.JEYAMURUGAN	KLNCE/PRO/ECE/2013-2014/027
		K.PANDEESWARAN	105904121509		
		M.DHARMAKALAI	105904121502		
28	POWER QUALITY IMPROVEMENT USING UNIFIED POWER QUALITY CONDITIONER	S.SOUNDARYA	105904121076	M.GANESH KUMARI	KLNCE/PRO/ECE/2013-2014/028
		A.SABANA PARVEEN	105904121059		
		K.SANGEETHA	105904121061		
29	POWER SYSTEM VOLTAGE STABILITY ANALYSIS USING MODIFIED HARMONY SEARCH ALGORITHM	N.SHARMILA	105904121072	C.MUTHAMIL SELVI	KLNCE/PRO/ECE/2013-2014/029
		N.RAGAPRIYA	105904121054		
		T.J.VISHNU PRIYA	105904121090		
30	VOLTAGE STABILITY IMPROVEMENT IN WIND TURBINE USING SVC	K.RAJA MATHANGI	105904121056	C.MUTHAMIL SELVI	KLNCE/PRO/ECE/2013-2014/030
		T.SOUNDARYA	105904121075		
		R.SANOFAR	105904121063		
31	MODELLING AND SIMULATION OF PMSBLDC MOTOR AND ITS POSITION CONTROL USING NEURAL NETWORK CONTROLLER	N.SUGANYADEVI	105904121081	A.MARIMUTHU	KLNCE/PRO/ECE/2013-2014/031
		R.PADMASHREE	105904121047		
		S.SANGAMITHRA	105904121060		
32	SUPERVISORY AND DATA ACQUISITION SYSTEM FOR DC MOTOR CONTROL	K.RAJKUMAR	105904121057	M.BALAMURUGAN	KLNCE/PRO/ECE/2013-2014/032
		M.PRABAHARAN	105904121049		
		J.M.SRAVANAN	105904121066		
33	MULTI SENSOR RAILWAYS TRACK GEOMETRY SURVEYING SYSTEM	B.S.RAVICHANDRAN	105904121058	T.GOPU	KLNCE/PRO/ECE/2013-2014/033
		A.SARAVANA PRABHU	105904121065		
34	INTELLIGENT ENERGY MANAGEMENT PHOTO VOLTAIC SYSTEM USING MICRO CONTROLLER	S.NAVEEN KUMAR	105904121046	P.LOGANTHURAI	KLNCE/PRO/ECE/2013-2014/034
		K.THIVAGAR	105904121084		
		S.A.G.THIRUMURUGAN	105904121083		
35.	PWM BASED MICRO STEPPING CONTROLN USING DISTURBANCE OBSERVER OF STEPPER MOTOR	V.S.NARENDRAN	105904121045	S.P.RAJARAM	KLNCE/PRO/ECE/2013-2014/035
		K.SUBASH	105904121080		
		T.V.VIGNESH KUMAR	105904121085		
36	TWO WAY COMMUNICATIONS IN POWER SYSTEM OVERHEAD LINES	M.VINOTHKUMAR	105904121089	S.RAJALINGAM	KLNCE/PRO/ECE/2013-2014/036
		G.J.SURAJ KUMAR	105904121082		
		T.G.SANTHOSH SARATH CHAND	105904121513		