

**ELECTRICAL AND ELECTRONICS ENGINEERING
FINAL YEAR PROJECT DETAILS (2009-13)**

Sl.no	Project title	Students name		Guide name	Project Number
1	MODELING AND SIMULATION OF POSITION CONTROL OF PMBLDC MOTOR USING PI CONTROLLER	K.K. Dhanan Jeyan	90409121016	Mr.A. Marimuthu	KLNCE/PRO/EEE/2012-2013-001
		S. Neeraj Kumar	90409121044		
		D.S. Balachandar	90409121501		
2	ENERGY CONSERVATION IN PLASTIC INDUSTRY USING SIMPLIFIED POWER FACTOR CONTROLLER AND TEMPERATURE BASED COOLENT CONTROLLER	T.P.J. Prasanna Venkatesh	90409121046	Mr.A . Manoj	KLNCE/PRO/EEE/2012-2013-002
		A.R. Karthik Babu	90409121032		
		S. Ashok Kumar	90409121009		
3	LOAD FLOW ANALYSIS IN POLAR COORDINATE USING DEPSO	M. Kather Mydeen	90409121033	Mr.R. Jeyapandi Prathap	KLNCE/PRO/EEE/2012-2013-003
		S. Marshall Isaac	90409121040		
		P. Hari Prasath	90409121024		
4	A SINGLE INPUT-DUAL OUTPUT THREE PHASE MATRIX CONVERTER	D. Dhandeeswaran	90409121017	Dr. K.Gnanambal	KLNCE/PRO/EEE/2012-2013-004
		C.J. Anand Babu	90409121003		
		T.B. Gnanaprakasam	90409121022		
5	TRANSMISSION PRICING BASED ON NETWORK USAGE BY ELIMINATING CIRCULAR FLOWS UNDER OPEN ACCESS	P.N.B. Janakiraman	90409121026	Mr.M. Balamurugan	KLNCE/PRO/EEE/2012-2013-005
		R. Alaguneethi	90409121007		
		G. Elangovan	90409121021		
6	DESIGN OF BRIDGELESS SEPIC CONVERTER FOR SPEED CONTROL OF PMDC MOTOR	K.K. Dinesh Kumar	90409121019	Mr.S.Venkatanarayanan	KLNCE/PRO/EEE/2012-2013-006
		S. Manikandan	90409121038		
		K.B. Naresh Kumar	90409121043		
7	POWER QUALITY EVENT DETECTION BASED ON IMAGE PROCESSING METHOD	G.S. Gurushankari	90409121023	Mr.M. Ganesh Kumari	KLNCE/PRO/EEE/2012-2013-007
		A. Jamal Raihana	90409121025		
		M. Asha Kumari	90409121008		
8	CURRENT HARMONICS REDUCTION FOR A SINGLE- PHASE UPS SYSTEM USING THYRISTOR CONTROLLED SINGLE TUNED PASSIVE HARMONIC FILTER	S. Kanagavalli	90409121029	Mr.S. Parthasarathy	KLNCE/PRO/EEE/2012-2013-008
		D. Keren Blessy	90409121034		
		C.R. Lakshmisri	90409121037		
9	SVC BASED CONTROLLER DESIGN FOR POWER SYSTEM STABILITY IMPROVEMENT USING ANFIS	S. Manimekalai	90409121039	Mr.P.K. Arunkumar	KLNCE/PRO/EEE/2012-2013-009
		N.R. Anand Babu	90409121004		
		P. Chellaiya	90409121503		
		E. Vigneshwaran	90409121517		
10	A SINGLE INPUT-DUAL OUTPUT THREE PHASE MATRIX CONVERTER	J.S. Balaji	90409121010	Mr.P.K. Arunkumar	KLNCE/PRO/EEE/2012-2013-010
		M.V. Prasanna Kuma	90409121045		
		K. Seeni Venkatesh	90409121515		
11	MICROCONTROLLER BASED ENERGY EFFICIENT OPERATION OF THREE PHASE INDUCTION MOTOR IN TYRE MANUFACTURING INDUSTRY	B.S. Anandan	90409121005	Mr.P. Logan Thurai	KLNCE/PRO/EEE/2012-2013-011
		N.K. Arun Kumar	90409121007		
		K. Karmega Raja	90409121030		
12	GENERATION OF ELECTRICAL ENERGY GENERATION FROM ONROAD PRESSURE MOVEMENT BY USING KY CONVERTER	O.R. Balaji	90409121012	Mr.S. Venkatanarayan	KLNCE/PRO/EEE/2012-2013-012
		A. Mohammad Aaqib	90409121513		
		K.M. Jothikumar	90409121507		
13	HARMONIC ANALYSIS USING RADIAL BASIS NEURAL NETWORKS	M. Delmiya	90409121015	Mr.A.S.S. Murugan	KLNCE/PRO/EEE/2012-2013-013
		B. Dharini	90409121018		
		I. Kruthiga	90409121036		
14	ARTIFICIAL NEURAL NETWORK BASED VOLTAGE STABLITY ASSESSMENT	M. Karthiga Devi	90409121031	Dr. K. Gnanambal	KLNCE/PRO/EEE/2012-2013-014
		M. Divya	90409121020		
		P. Aarthy	90409121001		
15	REDUCTION OF LINE LOSSES IN DISTRIBUTION SYSTEM BY OPTIMAL LOCATION & SIZING OF DG's USING EVOLUTIONARY PROGRAMMING	M.Monisha	90409121042	Mr.M.Jegadeesan	KLNCE/PRO/EEE/2012-2013-015
		M.Mohanalatha	90409121041		
		J.Kokilapriya	90409121035		
16	STABILITY IMPROVEMENT USING UPFC	I.Sridhar	90409121067	Ms.C. Muthamil Selvi	KLNCE/PRO/EEE/2012-2013-016
		P.S. Vinoth Babu	90409121074		
		V.S. Vasudevan	90409121070		
17	VOLTAGE STABILITY IMPROVEMENT IN WIND TURBINE	S. Sreedhar	90409121065	Ms.C. Muthamil Selvi	KLNCE/PRO/EEE/2012-2013-017
		T. Girithar	90409121505		
		M. John Victor	90409021028		
18	OPTIMAL POWER FLOW USING SIMULATED ANNEALING	T.J. Viswak	90409121078	Ms.J. Merlin	KLNCE/PRO/EEE/2012-2013-018
		J.A. Karthick	90409121508		
		J.S.A. Shiva Rama Krishnan	90409121516		

19	A HYBRID WIND-SOLAR ENERGY SYSTEM-A NEW FUSED CONVERTER – INVERTER TOPOLOGY	K. Gokul Krishnan	90409121506	Mr.M. Jeya Murugan	KLNCE/PRO/EEE/2012-2013-019
		T.SaravanaKumar	90409121514		
		T. Mathivanan	90409121512		
20	POWER THEFT IDENTIFICATION USING TRACING OF POWER FLOW	J.V. Swathi	90409121069	Dr. S. Venkatesan	KLNCE/PRO/EEE/2012-2013-020
		M. Somashree	90409121064		
21	MAXIMIZATION OF SOCIAL WELFARE IN DEREGULATED ELECTRICAL MARKET	S.P. Priyanga	90409121049	Dr. S. Venkatesan	KLNCE/PRO/EEE/2012-2013-021
		V. Shirly Ann Nimmi	90409121062		
22	DESIGN OF MICROTURBINE GENERATOR BY USING MATLAB SIMULINK FOR SMART GRID	P. Rama Krishnan	90409121052	Mr.S. Manoharan	KLNCE/PRO/EEE/2012-2013-022
		B. Vishal	90409121076		
		K. Selvabarath	90409121060		
23	TRANSMISSION PRICING CALCULATION USING MW-MILE METHOD FOR DEREGULATED MARKET	S. Vinoth Kannan	90409121075	Dr. S. Venkatesan	KLNCE/PRO/EEE/2012-2013-023
		T.J. Vishnu Kumar	90409121077		
		M.D. Vijaya Kumar	90409121073		
24	HARMONICFLOW ANALYSIS and IN A NON LINEAR ENVIRONMENT USING DIGSILENT	P. Subathra	90409121068	Mr.S. Parthasarathy	KLNCE/PRO/EEE/2012-2013-024
		S. Rajasundari	90409121051		
		K.R.Sridevi	90409121066		
25	9 LEVEL CASCADED H- BRIDGE BOOST INVERTER FOR HIGHER POWER APPLICATIONS	G.V. Sharmi	90409121061	Mr.M. Jeya Murugan	KLNCE/PRO/EEE/2012-2013-025
		T.R. Sarisha	90409121059		
		P. Priyanga	90409121048		
		M.Sindhiya	90409121063		
26	ECONOMIC DISPATCH AT MAXIMUM ALLOWABLE LOAD USING HARMONY SEARCH ALGORITHM	K. Vijay Sricharan	90409121072	Mr.J. Merlin	KLNCE/PRO/EEE/2012-2013-026
		C. Priyadharsan	90409121047		
		F. Yusuf	90409121079		
27	PEAK DEMAND MANAGEMENT FOR DOMESTIC LOADS	V. Mari Muthu	90409121511	Mr.C. Muthu Pandi	KLNCE/PRO/EEE/2012-2013-027
		V. Venkadeswaran	90409121071		
		M.K. Vivek	90409121518		
28	CASCADED H-BRIDGE MULTI LEVEL INVERTER BASED DSTATCOM FOR HARMONICREDUCTION	B.B. Jawaharlal	90409121027	Mr.C. Muthu Pandi	KLNCE/PRO/EEE/2012-2013-028
		G.V.J. Kishorilal	90409121509		
		T.S. Krishna Diwan	90409121510		
29	POWER QUALITY IMPROVEMENT FOR 3 PHASE, 4 WIRE DISTRIBUTION SYSTEM USING UQC	T.S. Balaji	90409121502	Mr.S. Rajalingam	KLNCE/PRO/EEE/2012-2013-029
		V.Ram Kumar	90409121053		
		K.Saravana Kumar	90409121057		
30	PHOTO VOLTAIC BASED DVR FOR PQ IMPROVEMENT	R. Ragavan	90409121050	Mr.M. Ganesh Kumari	KLNCE/PRO/EEE/2012-2013-030
		K.R. Ram Prasath	90409121054		
		S. Sabarish Kumar	90409121055		
31	HARMONIC DISTORTION MEASUREMENT USING RECURRENT NEURAL NETWORK	P.N. Balaji	90409121013	Mr.A.S.S. Murugan	KLNCE/PRO/EEE/2012-2013-031
		K.N. Balaji	90409121011		
		P.K. Saravana Kumar	90409121058		
32	OPTIMAL CAPACITOR ALLOCATION IN 69-BUS RDF FOR MAXIMIZATION OF ANNUAL SAVING FOR DYNAMIC LOAD CONDITIONS USING PSO AND MAPSO METHODS	R.S.S. Sarath Babu	90409121056	Dr.S.M.Kannan	KLNCE/PRO/EEE/2012-2013-032
		V. Chandra Prakash	90409121014		