

NATIONAL INSTITUTE OF TECHNOLOGY GOA
Department of Electrical and Electronics Engineering
List of B. Tech Project Titles (2010-2014 Batch)

Sr. No	Project Title	Guided By	Name of The Student	Roll Number
1	FLC Based Shunt Active Filter For Power Quality Improvement With Different MFs	Dr. Suresh Mikkili	Mr. Shreyash Sinai Kunde	10EEE099
			Mr. Siddhang Tendulkar	10EEE101
			Mr. Shiv Prakash Gupta	10EEE096
			Mr. Gaurav Kumar	10EEE083
2	Hysteresis And Adaptive Hysteresis Band Current Controller Based Shunt Active Filter For Power Quality Improvement	Dr. Suresh Mikkili	Mr. Dipen Amitbhai Mistry	10EEE090
			Mr. Bhupelly Dheeraj	10EEE080
			Mr. Ravit Gautam	10EEE095
			Mr. Manmohan Singh Meena	10EEE087
3	Automatic Generation Control in Regulated and Deregulated Environment using Fuzzy Logic Controllers with SMES & Wind Energy units	Mrs. Anudevi Samuel	Mr. Abhishek Mishra	10EEE074
			Mr. Dasaratha Babu	10EEE085
			Mr. Muhammad Muhsin P Saleem	10EEE091
			Mr. Shreyansh Vishwakarma	10EEE098
4	Direct Torque Control of an Induction Motor Drive	Dr. B.Venugopal Reddy	Ms. Kanchansha Ramnath Parsekar	10EEE092
			Ms. Rasika R Kinekar	10EEE094
			Mr. V Vinay Kumar Reddy	10EEE102
			Mr. Vishal Arya	10EEE103
5	Modelling of Voltage Controlled Boost Converter for Photovoltaic Systems	Dr. B.Venugopal Reddy	Mr. Mirza Omar Beg	10EEE089
			Mr. Rajesh Kumar	10EEE093
			Ms. Bharti Vimalrai Ramshiromani	10EEE079
			Mr. Shivir Singh	10EEE097
6	A Modified Null Space Strategy to Avoid Straight Edge Obstacles and Solve Consensus Problem For Multi Robot System	Mr. Matam Manjunath	Mr. Aman Sharma	10EEE075
			Mr. Naga Ganesh Kurapati	10EEE086
			Mr. Pranay Bolloju	10EEE081
			Mr. Tejkaran Charan	10EEE100
7	Modelling and Simulation of Three-Phase Multilevel Inverter For Grid Connected Photovoltaic System	Ms. Jayanthi Prattipati	Mr. Manoj Kumar	10EEE088
			Mr. Arvind Kumar	10EEE078
			Mr. Dattatraya H Nagaraj	10EEE082
			Mr. Amanpreet Singh Chahal	10EEE076

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S.No	Project Title	Guided By	Name of The Student	Roll Number
1	Inverter Based Distributed Generation	Dr. Sreeraj E.S	Ms.Ayushee Tripathy	11EEE082
			Mr.Amit Kumar Behera	11EEE079
			Mr.Ashish Bhusara	11EEE084
			Mr.Rajesh Gureliya	11EEE105
2	Simulation and Design of Maximum Power Point Tracker for Solar Modulez	Dr. B.Venugopal Reddy	Mr.Keith Peres Da Costa	11EEE101
			Mr.Ryan Almeida	11EEE078
			Ms.A Priyadarshini	11EEE077
			Mr.Hitesh Bohra	11EEE085
3	Electric Vehicle and Supercharging	Mr. NMMD Praveen	Mr.Gaurav Singh Parihar	11EEE091
			Mr.Prashant Singh	11EEE102
			Mr.Abhilash Mandal	11EEE076
			Mr.Amit More	11EEE098
4	PI and Fuzzy Controlled UPFC for Power Decongestion,Load Flow and Bus Voltage Control with a Practical Scenario	Dr.Suresh Mikkili	Mr.Shivanand Desai G	11EEE088
			Mr.Prashant Tulshidas S	11EEE103
			Mr.Rafik Galibsab M	11EEE096
			Mr.Udaykanth Chukka	11EEE086
5	Autonomous All Terrain Hexapod Robot	Dr.B. Venugopal Reddy	Mr.Virat Chourasia	11EEE112
6	Modelling and Simulation of a Dynamic Voltage Restorer(DVR)	Dr. B. Venugopal Reddy	Mr.Deepak Peter Alvares Rodricks	11EEE087
			Mr.Rohan Kumar	11EEE106
			Mr.Amit Yadav	11EEE080
			Mr.Rajay Sheth	11EEE107
7	Analysis of Multilevel Inverters Fed Induction Motor Drive	Dr.B.Venugopal Reddy	Mr.Bajrang Lal	11EEE083
			Mr.V.Pavan Kumar A	11EEE111
			Mr.Krishna Chaitanya	11EEE093
			Mr.G Rajashekhar	11EEE090
8	Demand Side Management using Microcontroller	Dr.K.Chandrasekar	Mr.Rohit naik	11EEE099
			Mr.Navin Ram	11EEE100
			Mr.Kiran Birda	11EEE094
			Ms.Anuradha Khokhar	11EEE081
9	Energy Harvesting from Radio Frequency Waves	Dr.Sreeraj E.S	Ms.Ankita Singh Gaur	11EEE109
			Mr.Soumik Pissurlenkar	11EEE108
			Mr.Dhananjaya Rao	11EEE104
			Mr.Kundan Kumar Singh	11EEE110
10	Performance Analysis of PI and FLC based Shunt Active Filters for Mitigation of Current Harmonics in 3-Phase 3-Wire Power Systems	Dr.Suresh Mikkili	Mr.Elavala Satish	11EEE089
			Mr.Lavkumar Gupta	11EEE095
			Mr.Islandra Kumar	11EEE092
			Mr.Rajesh Kumar M	11EEE097

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List of B.Tech Projects Titles (2012-16 Batch)

S.No	Project Title	Guided By	Name Of The Student	Roll Number
1	Design and Development of Inverter for Fan Load	Dr. Soumitra Das	Sharma Ravi Virendra	12EEE078
			Atul Kumar Mishra	12EEE059
			Munchun Kumar Sah	12EEE068
			Ghatwal Shubham	12EEE062
2	Finger Vein Recognition System	Dr. Amol Rahulkar	Gongati Deepak Reddy	12EEE063
			Miriyala Venkata Subba Bharath K	12EEE066
			Premchand Meena	12EEE074
			Ajeet Singh	12EEE058
3	Energy Harvesting Using Piezoelectric Materials	Dr. Sreeraj E. S.	Karapurkar Nilkant Guirish	12EEE065
			Prakhar Sharma	12EEE073
			Bhat Prabhu Vibha Jaiwant	12EEE060
			Vazirani Viresh Amar	12EEE082
4	Design and Implementation of Maximum Power Point Tracking of PV Array for Battery Charger Using Perturb and Observe Method	Dr. Venugopal Reddy	Govind Avinash Reddy	12EEE064
			Rajendra Kaswa	12EEE075
			Trishala Bhaskar Priolkar	12EEE079
			N Gunendra	12EEE069
5	Fog Based Home Automation and Energy Monitoring	Dr. C. Vyjayanthi	Nayak Viraj Waman	12EEE070
6	Design and Simulation of Shunt Active Filter Using I_d - I_q Reference Frame Theory	Dr Venugopal Reddy	Mohit Yadav	12EEE067
			Nitin Singh	12EEE071
			Velip Pankaj Panglo	12EEE083
			Vishwender Singh	12EEE084
7	Analysis of Shunt Voltage Compensator Devices Under Steady State And Transient Conditions	Dr. C. Vyjayanthi	V Vinay	12EEE080
			Samadana Nithin Stanly Palavali	12EEE077
			Padamatinti Lakshmivara Prasad	12EEE072
			Gangipogu Francis	12EEE061
8	PI Controller Based Shunt Active Filter Using Perfect Harmonic Cancellation for Power Quality Improvement	Dr. Suresh Mikkili	Varun Karimindla	12EEE081
			Yamala Vijay Charan	12EEE085
			Ritu Ranjan Kumar	12EEE076