



**DEPARTMENT OF ELECTRICAL ENGINEERING**

**List of Projects:**

**List of Student projects in 2017-2018**

Sr.No	Roll no.	Name of student	Title of project	Project Guide
1	5	Abhishek Kumar Mishra	Interfacing of Stepper motor and control using PLC	Dr. D. S. Bankar
	18	Karan Muley		
	19	Lakshmi Gautam		
	36	Sabuwala Burhanuddin Aliasgar		
2	6	Adarsh Verma	Induction motor control using PLC and VFD	Dr. D. S. Bankar
	44	Sayyad Arbaj Riyaj		
	48	Shrey Kanherkar		
	61	Gore Harishchandra Rajendra		
	62	Mahajan Harshad Yashwant		
3	33	Rishabh Singh	Three D Printer	Dr. R.M. Holmukhe
	42	Saurabh Sharma		
	43	Sau`Rabh Takru		
	56	Yash Sakaria		
	60	Vikas Sen		
4	46	Shivam Pandey	Eddy current braking system	Dr.R.M. Holmukhe
	59	Ritesh Upadhyay		
	11	Anubhav Jha		



	30	Rajendra Singh Chouhan		
<b>5</b>	17	Kanaujia Anuj Pramod	Reduction of stray losses in power transformer using different materials of clamping ring	Mrs. A.R. Soman
	20	Madhu Verma		
	23	Manmohan Singh		
	40	Sakshi Rai		
<b>6</b>	2	Abhishek Singh	Performance analysis of dual stator induction motor	Mrs. A.R. Soman
	38	Sachin Madaan		
	49	Shubh Gupta		
	54	Virendra Yadav		
	66	Ankit Tiwari		
<b>7</b>	3	Abhishek Tripathi	Hybrid power generation using solar and wind energy	Mrs. R.S. Ambekar
	13	Ashish Jha		
	53	Utkarsh Singh		
<b>8</b>	9	Ankit Kumar Yadav	Solar power tracking system	Mrs. R.S. Ambekar
	25	Naman Rakesh		
	39	Saksham Yadav		
<b>9</b>	4	Abhishek Kumar	Solar Experimental Kit	Mrs.R.S. Ambekar
	27	Nawnit Babul		
	65	Subhankar Saha		
<b>10</b>	37	Sachin Mann	Communication with Energy meter and field devics using PLC	Mr. S.A. Namekar
	26	Navin Kumar Singh		
	45	Shantanu Tomar		
	32	Rhishabh Singh		
	35	Sabijeet Kumar		
<b>11</b>	10	Ankita Srivastav	Input output module of PLC	Mr. S.A. Namekar



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	31	Raman Jee Pandey		
	41	Samiran Singh		
	51	Tejanesh Bhriguvanshi		
<b>12</b>	22	Manan Gupta	Static VAR compensation using TSC	Mr. Y.B. Mandake
	28	Nitin Singh Parihar		
	55	Vismita Mitchelle		
	57	Alok Kumar		
<b>13</b>	50	Suvodeep Chakraborty	Study of breakdown phenomenon insolid insulators using HV and sphere gap kits	Mr. Y.B. Mandake
	64	Rohit Patil		
<b>14</b>	08	Ankit kumar Singh	FACTS using TSR	Mr. Y.B. Mandake
	21	Madhur Shrivastava		
	29	Nripendra		
<b>15</b>	15	Chandrakant Chandrawanshi	E bike	Mr. V.V. Mehetre
	16	Deepak Kumar		
	47	Shivendra Singh		
	52	Utkarsh Dubey		
	58	Mayank Tiwari		
<b>16</b>	7	Amit Singh	Piezo electric	Mr. V.V. Mehetre
	14	Chandan Kumar		



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Group No.	Roll. No.	Name	Project Guide	Project Title
1	12	Ashray Shrivastav	Mrs. S. U. Kulkarni	Design of compensator for DC positional servomechanism
	14	Ayush Chavan		
	42	Vasundhara Sharma		
2	20	Mohd. Danish	Mrs. S. U. Kulkarni	Automatic Railway gate control and track switching
	21	Mrigank Shekhar		
	29	Prashant Singh		
3	2	Abhas Singh	Mrs. A.R. Soman	Design of Current limiting transformer
	4	Abhishek Thakur		
	13	Ashutosh Kumar		
4	24	Niharika Verma	Mrs. A.R. Soman	Footstep power generation using piezoelectric sensors
	28	Prachi Laddha		
	37	Sushmita Priya		
5	18	Indramani Chaudhary	Mrs. A.R. Soman	Induction motor protection system against single phasing
	19	Mayank Shukla		
	23	Naveen Sahu		
6	11	Arjun Makar	Mr. R. M. Holmukhe	Rural Electricity stress assessment for a feeder / village cluster in Maharashtra state
	45	Shubham Garg		
	61	Amit singh		
7	35	Sachin Dhyani	Mrs. S. U. Kulkarni	Speed Control Of BLDC motor using Zeta converter
	36	Sanjay Yadav		
	41	Vardan		
8	32	Rajat Sharma	Mr. R. M. Holmukhe	To do load research in MAHAESCON



9	59	Vaibhav Mudgal	Mrs. R.S.Ambekar	Speed control of DC motor by chopper
	49	Vedant Shukla		
	10	Abhishek Tiwari		
	11	Akshay Khaiwal		
10	50	Utkarsh Dubey	Mr. R. S. Desai	Three phase automatic star delta starter using relays and adjustable electronic timers for induction motor
	52	Vishwas Chaudhari		
	53	Apporva		
	55	Anurag Dwivedi		
11	51	Pradnya Chavan	Mr. R. S. Desai	Intelligent traffic light control using PLC
	47	Vivek Garg		
12	48	Aishwarya Rai	Mr. R. S. Desai	Three phase fault analysis with auto reset on temporary Fault and permanent trip otherwise
	25	Pankaj Chauhan		
	66	Sushree Shweta		
13	43	Wasiullah	Mr. R. S. Desai	
	41	Roan Verma		
14	52	Vaishali Gupta	Mr.R.M.Holmukhe	Effects of harmonic distortion in the distribution system of MAHADISCOM
	64	Prabhkar Pandey		
	56	Shivangi Pathak		
	57	Jayesh Yadav		
15	26	Sayali patil	Mrs. R. S. Ambekar	Wireless power transfer
	30	Prateek Kumar		
	38	Utkarsh Anand		
16	46	Ashwani Chaubay	Mrs. R. S. Ambekar	Thremoelectric generator
	13	Ankit kumar Mishra		
	14	Ankit kumar Singh		
	15	Ankur Prakash		
	16	Devansh Srivastav	Mr. S. S. Hirve	PC based home automation system



17	22	Naman Singh		using embedded technology
	44	Sumit Verma		
18	17	Dushyant Chandra	Mr. S. A. Namekar	Underground cable fault detection
	27	Prabhat Singh		
	31	Pravash Pratik Rajguru		
19	60	Abhadh Kumar	Mr. S. A. Namekar	Speed control of DC motor by thermistor
	07	Alok verma		
	62	Ashok Ranjan		
20	3	Abhishek Anand	Mr. S. A. Namekar	Automatic power factor correction
	15	Deepak Kumar		
	33	Ravi Ranjan		
21	1	Sanjay Kumar	Mr. S. A. Namekar	Speed control of Induction motor by touch screen
	50	Palash rai		
	68	Ajitabh Awasti		
22	67	Tarun Preet Singh	Mr. S.S. Hirve	To harness the energy of Tesla Coil, with the help radiant energy
	54	Vivek Singh		
	58	Mandar Naik		
23	69	Sanskar Pandey	Mr. S. S. Hirve	Power Theft intimation System
	70	Neeraj raj		
	71	Ashish Singh		
24	63	Rohan Chopra	Mr. S. S. Hirve	Automatic drip irrigation system with water pump control and data acquisition of motor operations
	65	Aman Jain		



### List of Student projects in 2015-2016

Group No.	Roll. Nos.	Name	Project Guide	Project Title
1	17	Amrit Srivastav	Mrs. S. U. Kulkarni	Reactive power compensation of single phase long transmission line
	26	Chinmay Rozekar		
	44	Rishabh Verma		
2	12	Abhishek Jha	Mrs. S. U. Kulkarni	Feasibility study of Solar PV setup in BV campus
	18	Aniket Baba		
	45	Sachin Jagga		
	54	Shubham Saran		
3	16	Amiraj Nigam	Mr. D. S. Bankar	Regenerative Braking with Solar Hybrid system
	28	Neel Gandhi		
	42	Ravindra Jangid		
4	11	Abhishek Gupta	Mr. D. S. Bankar	Protection of alternator
	13	Akash Anand		
	15	Amar Mani		
	20	Ankit Kumar		
5	34	Nancy Kumari	Mr. P. D. Bharadwaj	Design of soft starter for induction motor
	41	Rajani kumari		
	43	Reeshu Kumari		
	62	Ashwini Mathpati		
6	49	Shashank Shekhar	Mr. P. D. Bharadwaj	Design and fabrication of single phase induction motor
	51	Shishir Anand		
	52	Shivchandra Kumar		
	61	Santosh Duve		



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Group No.	Roll. Nos.	Name	Project Guide	Project Title
7	14	Akshay Jain	Mr. D. S. Chavan	Printed Circuit motor for wind energy application
	22	Aryan Mani		
	35	Nikhil Singh Rajput		
	57	Vaibhav Goyal		
8	23	Avinash Kumar	Mr. D. S. Chavan	An axial flux permanent magnet generator wind energy system
	55	Sushant Vadhera		
	56	Vaibhav Pareek		
	3	Dhiraj Singh		
9	10	Abhinav Singh Gaur	Mrs. A.R. Soman	Energy audit
	37	Prabhat Kumar		
	38	Prem Kumar		
	59	Shivam Shukla		
10	1	Shashank Saurabh	Mrs. A.R. Soman	Auto power supply control from different sources
	5	Swarn Bhushan		
	8	Amit Verma		
	65	Sudhakar		
11	4	Shivankar Raj Dayal	Mr. R. S. Desai	Arduino solar charge controller (MPPT)
	7	Aakash Singh		
	9	Abhishek Nigam		
	2	Ashish Patel		
12	21	Anurag Tripathi	Mr. R. S. Desai	Conversion of atmospheric air to drinkable water.
	46	Samir Tushar		
	48	Saurabh Pal		
	53	Shoumik Lodh		





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Group No.	Roll. Nos.	Name	Project Guide	Project Title
<b>13</b>	19	Ankeet Mahakud	Mrs. R.S. Ambekar	Brushless DC motor speed control by PWM
	36	Nitin Nagar		
	39	Priyatam Behera		
	40	Rajat Gupta		
<b>14</b>	27	Dinesh	Mr. S.S.Hirve	Starting and speed control of slipping induction motor using PLC
	32	Manish		
	33	Manoj Bhargad		
	25	Bishnu Prasad Satpathy		
<b>15</b>	29	Jyotsna Bhardwaj	Mr. Nachiket Kulkarni	Air water generator
	30	Kanika Sauguny		
	60	Harshit Gupta		
	6	Shreya Sinha		
<b>16</b>	24	Bhajanlal Bishnoi	Mrs. A.R.Kanase	Conversion of atmospheric air to drinkable water.
	47	Saurabh Nigam		
	50	Shashank Tiwari		
	31	Manav Batra		
<b>17</b>	58	Vivek Yadav	Mr. Swapnil Namekar	Automatic Car washing
	64	SuryanshTyagi		
	63	Shashank Pande		
	66	Gulshan		



### List of students projects 2014-2015

Group No.	Roll. No.	Name	Project Guide	Title of project
1	17	Amol Paliwal	Mrs. S.U.Kulkarni	Derating due to unbalanced voltage
	47	Ganga Singh		
	49	Manish Singh		
	53	Ankit Singh		
2	28	Mayank Kumar	Mrs. S. U. Kulkarni	V/f Control of induction motor
	31	Nishant Gupta		
	34	Pratyush Mahirshi		
	45	Utkarsh Sharma		
3	39	Rishikesh Anand	Mr. D. S. Bankar	Energy Audit
	44	Tejpratap Singh		
	46	Vipul Mishra		
	52	Manoranjan Bhanj		
4	41	Shubham Verma	Mr. D. S. Bankar	Ultrafast capacitor
	50	Priyanshu Mishra		Solar inverter
	51	Gaurav Kathor		
5	29	Mohammed Tabish	Mr. P. D. Bharadwaj	Automatic flag raising and lowering
	30	Mohit Mishra		
	37	Rigved Dhyani		
	43	Sudhin Hardas		
6	33	Peeyush Agrawal	Mr. P. D. Bharadwaj	Phase Sequence Indicator
	35	Raju Kumar		



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Group No.	Roll. No.	Name	Project Guide	Title of project
	40	Shubham Kulkshetra		
	42	Subodh Kumar		
7	6	Gaurav Sony	Mr. D. S. Chavan	Site survey of wind turbine and installation
	7	Nitesh Kumar Singh		
	15	Aakash Prasad		
	58	Rohan Gawade		
8	14	Aftab Alam	Mrs. A.R. Soman	Wireless power Theft detection and monitoring
	21	Ashutosh Rai		
	22	Debajeet Goswami		
	38	Rishabh Tiwari		
9	9	Abhishek Kumar	Mrs. A.R. Soman	Solar traffic signal with intensity control
	10	Saurabh Tripathi		
	12	Abhijeet Sharma		
	13	Abhishek Kumar		
10	57	Rohit Kumar	Mr. R. S. Desai	Voice operated intelligent lift
	8	Devendra Kumar Ray		
	11	Abhay Kumar		
	27	Kuldeep Kumar Gupta		
11	19	Anuj Yadav	Mr. R. S. Desai	Optimum energy Management system
	23	Deepak Mohakud		
	24	Diyanshu Sharma		
	60	Ritesh Kumar		
12	18	Ankit Godiyal	Mrs. R.S. Ambekar	RF vehicle tracking system
	20	Anurag Gangwar		



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Group No.	Roll. No.	Name	Project Guide	Title of project
	26	Jitendra Kumar		
	32	Nishant Singh		
<b>13</b>	25	Ravi kumar Mahto	Mrs. R.S.Ambekar	Online buggy
	36	Indrakumar		
	54	Firoz Akhtar		
	61	Abhitansh Verma		
<b>14</b>	3	Ajitabh Ranjan	Mr. S.S.Hirve	Single phase inverter using PWM
	4	Ashish Kumar		
	5	Gaurav Sharma		
	56	Jay Krishna		
<b>15</b>	2	Hardeep Chauhan	Mr. S.S.Hirve	Autonomous Robot



### List of Students Projects 2013-2014

Group No.	Roll. No.	Name	Project Guide	Project Title
1	28	Nikhil Bhardwaj	Mrs. S.U.Kulkarni	Power generation using foot pump
	38	Shishir Maurya		
	39	Siddhant Singh		
	40	Siddhaarth Chauhan		
2	21	Amit Kumar	Mrs. S. U. Kulkarni	Automatic solar pump Irrigation system
	29	Nitesh Kumar Singh		
	27	Mohit Prakash		
	34	Rishabh Singh		
4	14	Amit Rai	Mr. D. S. Bankar	Speed control of DC motor using IGBT
	16	Neeetish Kumar		
	17	Vaibhav Bajpai		
	26	Govind Rathi		
5	36	Shantanu Singh	Mr. P. D. Bhardwaj	Wireless Power Transmission
	42	Sudhanshu Raj		
	44	Nitish Singhnaia		
	47	Ankush Sharma		
6	32	Rani Neha	Mr. P. D. Bhardwaj	Harmonic Reduction Using Multilevel Inverter Based DSTATCOM
	37	Shilpa Kumari		
	43	Himaja Thambireddy		
	54	Deepali Pawar		
7	19	Aditya Jha	Mrs. A.R. Soman	Non contact type speed



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Group No.	Roll. No.	Name	Project Guide	Project Title
	20	Akhilesh Nair		measurement
	22	Birendra Mishra		
	25	Gaurav Nathani		
8	49	Sachin Chavan	Mrs. A.R. Soman	Energy audit of "Bharati Vidyapeeth Ayurvedic Hospital
	50	Rohit Deolekar		
	52	Shrilesh Naik		
	53	Pranav Patil		
9	04	Mani Shankar	Mr. R. S. Desai	Automatic Voltage Stabilizer
	35	Rohit Kumar		
	41	Sudhanshu Shekhar		
	48	Aman Kumar		
10	05	Abhinav Raj	Mr. R. S. Desai	Solar Power Charge Controller.
	11	Saket Kumar		
	45	Sanjeev Pandey		
	55	Arvind Raj		
11	02	Chandan Kumar	Mrs. R.S.Ambekar	100 Watt Single Phase Inverter
	03	Malvika Sachdeva		
	06	Anil Oraon		
	09	Imani ShabbirTaher		
12	07	Ashish Tyagi	Mrs. R.S. Ambekar	Solar tracking
	08	Himanshu Shekhar		
	01	Viruj Tandon		
	51	Shubham Johari		



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Group No.	Roll. No.	Name	Project Guide	Project Title
<b>13</b>	10	Peeyush Pandey	Mr .D. S. Chavan	Study of Wind Tunnel
	12	Suman Shekhar		
	13	Sumit Nayak		
	15	Kushagra Kanchan		
<b>14</b>	18	Abhishek Kumar	Mr. S.S.Hirve	Speed Control of Brushless DC Motor