

BHARATI VIDYAPEETH DEEMED UNIVERSITY COLLEGE OF ENGINEERING**DEPARTMENT OF ELECTRONICS****B.Tech Final Year Project List****Academic Year 2016-17**

Group No.	Name of Guide	Name of Student	Roll No.	Project Title			
1	Dr.A.A.Shinde	Niyati Tiwari	50	Coin based water dispenser system			
		Aditi Mohan	40				
		Rajdeep Ghosh	54				
2		Dr.A.A.Shinde	Parth Mishra	21	Charging footwear using Piezoelectric crystals		
			Sarvesh Chaturvedi	56			
			Moon Lalwani	48			
3		Dr.A.A.Shinde	Rajanish Pathak	52	PIBOT-A Raspberry Pibased surveillance BOT		
			Vivek Singh	61			
			Shipra Sinha	26			
4		Mrs.M.V.Patil	Aditya Bahl	41	Signal strength enhancement		
			Nikhil kumar	20			
	Nishant Pandey		35				
5	Mrs.M.V.Patil		Nitish ojha	49	Obstacle sensing walking stick for visually impaired		
			Pravin Pradhan	63			
6			Mrs.M.V.Patil	Vivek Verma	60	Vehicle accident alert system	
				Gaurav Singh Bisht	46		
				Anish Kumar Singh	42		
7				Mrs.M.S.Chavan	Tauseef Akhtar	59	VLSI based Automated Digital Person Counter and smart appliances control system for energy conservation using CPLD chip
					Sarfraj Ahmad	55	
					Sujeet Kumar	58	
8		Mrs.M.S.Chavan			Prashant Kumar	23	Alcohol sensing display and automatic avoid system
					Praveen Kumar	24	
					Himanshu Saxena	18	
9	Mrs.M.S.Chavan				Richa Jha	15	Implementation of 16-point Radix- 4 FFT Algorithm
					Monika Kumbhare	14	
			Anshita Agarwal		37		
10			Mr.S.V.Dhole		Anmol Graver	12	Solar energy measurement system
					Saurabh Kumar	10	
				Jitendra Kumar	9		
11				Mr.S.V.Dhole	Arpit Kumar Srivastava	2	Sun tracking solar panel water heater
			Rishabh Kapoor		6		

12	Mrs.S.K.Pawar	Aakarsh Bhatnagar	38	Speed control of DC motor using Thyristor	
		Sneha Samanta	64		
		Priya Singh	25		
13		Mrs.S.K.Pawar	Sakshi Kumari	30	Underground cable fault distance locator
			Prakher Srivastava	22	
			Mohit Raj	67	
14	Mrs.P.R.Naregalkar		Chirag Nangia	45	LED display using voice to Text
			Apoorv Raj	43	
			Arun Kumar	44	
15		Mrs.P.R.Naregalkar	Rajat Srivastava	68	IOT based garbage monitoring system
			Krishna Thanvi	28	
16			Mr.V.P.Kaduskar	Shivam Kumar	33
	Yash Bharadwaj			29	
	Nitish Gupta			31	
17	Mr.V.P.Kaduskar			Nishchay Medha	69
		Ashwini Kumar		16	
		Avinash Jha		4	
18		Mr.S.R.Madkar	Utkarsh Verma	36	Solar radiation tracker
			Piyush Kumar	8	
			Aman Saxena	11	
19	Mr.S.R.Madkar		Anshuman Kumar	13	Wireless controlled Rover
			Santosh Bitra	17	
			Utkarsh Singh	34	
20		Mrs. A. S. Nigade	YatinSharma	62	Hybrid power generation using solar panel and piezosensor and display on CCD sing microcontroller
			Somi Chaurasia	27	
			Neha Choudhary	32	
21	Mr. H. S. Hemane	Shakti Shukla	57	Vehicle speed monitoring and control system using CAN kingdom protocal	
		Divya Rao	65		
		Rajat Pandey	53		
22	Mrs. J.S.Morbale	Pankaj Rawat	51	Automatic floor cleaner	
		Manya Jain	47		
23	Mrs.H.V.Mhetre	Mayur Chaturvedi	5	Automated car parking with empty slot detection	
		Shashi Kumar	3		
		Shyamini Soumya	7		
24	Mrs.S.P.Gaikwad	Abhijeet Srivastava	39	RC vehicle with Terrain sensing and amart suspension	
		Mohsin Khan	19		
		Ruchik Gaikwad	66		

Academic Year 2015-16

Group No.	Name of Guide	Name of the Students	Roll No.	Project Title	
1	Dr.A A.Shinde	Nidhi Verma	58	Robotic Arm	
		Vaibhav Kaushik	70		
		Apurv Sharma	73		
2		Ambrish	14	Smart Universal Solar Device	
		Akansha Srivastava	47		
		Amit Gupta	15		
3		Nidhi Mishra	58	GPS enabled Master Slave clock with RF link	
		Mridu Fogla	56		
		Priti Singh	64		
4		Mrs.M.V.Patil	Disha Kapoor	48	Electronic Dice using DOT -MATRIX display
			Rishav Vaid	26	
	Rohit kr. Pandey		67		
5	Shiva Gupta		30	Seven color LED lighting	
	Shivam		31		
	Shivank Gupta		32		
6	Kumar Badal		43	Biped Robot	
	Raj Gupta		10		
	Md. Saif		8		
7	Mrs.M.S.Chavan		Shamli Telrandhe	28	Over speed alarm for two wheelers
			Devansh Neema	20	
		Aadya	11		
8		Abhishek	7	Scientific Calculator using microcontroller	
		Shyamini Soumya	69		
		Vishal	77		
9		Pranav Awdhani	63	Highway speed tracker	
		Manvendra Vikram Singh	53		
		Ishfaq Mohammed Mir	23		
10		Mr.S.V.Dhole	Mayank Harbola	54	Solar powered automatic Irrigation system
			Ishdeep	22	
	Jayditya Singh Shekhawat		76		
11	Kamalkishore Singh		3	Car monitoring for accident investigation using GSM	
	Kumar Robin		1		
	Swaksh		2		

12	Mrs.S.K.Pawar	Anant Pandey	16	Inverter using SMPS
		Lavesh Mulchandani	74	
		Aman Saran	13	
13		Sohail Ahmed	36	Automatic Room Power Controller
		Kimbley	50	
		Rachit Mehrotra	25	
14	Mrs.P.R.Naregalkar	Nishtha Joshi	59	Water level indicator and controller using PIC Microcontroller
		Parag Verma	60	
		Piyush Bhatia	61	
15		Prabhat Ranjan	45	Smart solar emergency lamp with motion detector
		Sujit kumar	42	
		Shubham Bharadwaj	41	
16	Mr.V.P.Kaduskar	Abhinav Kumar Bhatnagar	46	Fuzzy logic based speed control of AC motor
		Aishwarya Katare	12	
		Deepali Kumari	18	
17		Himanshu Shekhar	49	PC based equipment controller
		Tushar Chatterjee	39	
		Rohit Ratan Jain	68	
18	Mr.S.R.Madkar	Maitri Parida	75	Robot control Car using Wi-Fi
		Vipul Mehta	72	
		Nitin Bhuvaniya	44	
19		Shambhujee Prasad	27	Robust Railway Crack Detection Scheme Using Ultrasonic Assembly ,GSM,GPS and Robot.
		Shashi Kumar	6	
		Gautam	21	
20	Mrs. A. S. Nigade	Vaibhav Bhriguvanshi	5	Automatic water level controller for sump/submersible pump
		Mridul	9	
		Utkarsh Srivastava	4	
21		deepanshu Verma	19	Temperature based Fan speed controller
		Brajesh Pandey	17	
		Parnjal Srivastava	24	
22	Mr. H. S. Hemane	Shivendra guota	33	Design And Implementation Of Vehicle Parameter Control By CAN open Controllers
		Richa shukla	65	
		Pooja Pathak	62	
23		Shashank Shukla	29	Lazer based security system using CAN protocol
		Siddharth Lagate	35	
		Swati Thakur	38	
24	Mrs. J.S.Morbale	Hricha Mishra	40	

25	Mrs. J.S.Morbale	Kumari Anubhuti	52	Home atomation using Bluetooth
		kshitiij Sachan	51	
		Sumit kumar jha	37	Wireless Power Transmission
		Vikas Singh	71	
		Shrutee Katara	34	

Academic Year 2014-15

Group No.	Name of Guide	Name of the Students	Roll No.	Project Title
1	Dr.A. A. Shinde	Tushar Sachdeva	77	Detection system using RFID and java
		Faisal Zaidi	66	
		Tushar Rai	76	
2	Mrs. M. S. Chavan	Bhawana Gulati	26	Blind source separation by Kurtosis
		Vikash Kumar	10	
		Vrinda Handa	40	
3	Dr. A. A. Shinde	Rahil Kochar	64	Smart Cart for Wireless Billing
		Kunal Bhanawat	55	
		Surya Kant Singh	85	
4	Mrs.M.V.Patil	Umang Khurana	78	Wireless power transmission in 3D space
		Jasmeet Singh	86	
		Mayank	57	
5	Mrs.M.V.Patil	Utkarsha Singh	38	Automatic fabric defect detection using MATLAB
		Teesta Moitra	37	
		Neha Dubey	33	
6	Mrs.S.P.Gaikwad	Zerik	58	Automatic water irrigation system using PSoC4
		Shruti	72	
		Sahiti	46	
7	Mr.V.P.Kaduskar	Ayush Wghmare	50	High efficiency transformerless inverter using Super Junction MOSFETS on Grid-Tied photovoltaic system
		Namrata Yadav	32	
		Nikhil Pant	60	
8	Dr.A.A.Shinde	Saifullah	69	Industrial automation using CAN protocol
		Raunak	65	
		Gargi Mathur	18	
9	Mrs.M.S.Chavan	Ranjit	87	Blind source separation using ICA technique
		Mukul	84	
		Aquib	59	

10	Mr.S.R.Madkar	Sonam	73	Password based door locking system using android applications
		Sachin	68	
		Mrityunjay	29	
11	Mr.S.R.Madkar	Anoop Baranwal	42	Bluetooth home automation system using PSoC4
		Anshuman Kush	43	
		Rahul Kumar	45	
12	Mrs.S.P.Gaikwad	Dinesh Swami	51	Settable electronic timer for electronic fuze
		Jay Pathak	61	
		Soumya Yadav	74	
13	Mrs.M.V.Patil	Bharat	25	Pick n place robotic arm
		Sabya	35	
		Ashish	44	
14	Mrs.M.S.Chavan	Sarthak	70	Harnessing and storing electricity using PSoC microcontroller
		Saurabh	71	
		Harneet	53	
15	Mrs.J.S.Morbale	Ayush	47	Gesture controlled robot using image processing
		Aditya	48	
		Kannupriya	54	
16	Mr.S.V.Dhole	Vishal Srivastava	80	Home Automation using WIFI
		Sudheer Pathak	75	
		Manish Singh	56	
17	Mrs.S.P.Gaikwad	Akshita Khurana	22	Intelligent programmable addressable delay detonator
		Deepika Pandey	27	
		Pratap	6	
18	Mr.V.P.Kaduskar	Md. Asif Ansari	11	Electronic speed control for a 5 HP induction motor
		Shailendra Singh Rathore	9	
		Ashwarya Tyagi	17	
19	Mrs.P.D. Kulkarni	Vishal Kumar	39	Intelligent vehicle monitoring system using wireless system
		Qamrey Azam	63	
		Aatish Bindlish	41	
20	Mrs.J.S.Morbale	Kartik Bhardwaj	14	Wireless noting board using GSM
		Vinayak Shanker Sharma	79	
		Amit Kumar Yadav	49	
21	Mrs.S.V.Dhole	Ravi Shankar	1	RF based solar car
		Kamal Singh	89	
		Rakesh Pandey	3	
		Nitish Kumar	5	

22	Mrs.P.D.kulkarni	Prashant Gupta	62	Conventional hybrid energy generator using ARM
		Vitesh Sharma	81	
		Ashutosh Ranjan	82	
23	Mrs. A. S. Nigade	Ashutosh Mishra	24	Single phase induction motor control using SCR
		Paras Chandel	34	
		Sahid Raja Siddique	20	
24	Mrs.S.K.Pawar	Pintu Agarwal	17	Microcontroller based digital electronic components and humidity temperature tester
		Irfan Haider	19	
		Anmol Shubham	23	
25	Mrs.S.K.Pawar	Sagar Agarwal	68	IC testing using Atmel 8051 microcontroller
		Naman Rastogi	31	
		Manas Tripathi	83	
26	Mrs. A. S. Nigade	Kunal Garg	15	Optical fibre communication system
		Abhishek Garg	21	
		Shrey Khanduri	36	
27	Mr. P. A. Chaugule	Saurabh Rattose	8	Automated control system for air pollution detection system
		Praveen Kumar	2	
28	Mr. P. A. Chaugule	Gokul	4	GSM based automation control system for air pollution detection system in vehicle
		Abhinesh Kumar	12	
		Rajendra Singh	7	
29	Mr. M. S. Chunkhare	Ankush	13	Ultrasonic obstacle sensed robotic vehicle
		Nishant	16	
		Swaksh Kumar	88	
30	Mr. H. S. Hemane	Sagar Agarwal	68	Design and implementation of multicontroller digital driving system for a vehicle using canbus protocol
		Firoz Khan	28	
		Naman Kheran	30	

Academic Year: 2013-14

Group no.	Name of Guide	Name of the students	Roll No.	Project Title
1.	Prof. R. J. Vaidya	Ketan Anand Om	16	LED POV Rotating Colour Display
		Shivalk Chhabra	61	
		Shivangi Agarwal	63	
2.	Prof. R. J. Vaidya	Amrisha Sharma	59	Vocal stress monitoring and control
		Sparsh Agarwal	65	
		Umang Mishra	70	
3.	Prof. R. J. Vaidya	Avi Sharma	14	

		Aashish Anand	35	Vehicle accident detection and alert mechanism
		Akanksha Sharma	37	
4.	Prof. N. Srivastava	Rhythm Vij	57	GSM based home automation system
		Sahil Katiyar	58	
		Shaurya Mishra	60	
5.	Prof. N. Srivastava	Ankit Mahipal	28	Wireless power transmission using zigbee module
		Ch Lakshmi Mounika	45	
		Diwakar Kaudinya	46	
6.	Prof. N. Srivastava	Aditya Singh	27	Voice controlled DC series motor
		Akshay Gupta	39	
		Hersh Kumar	47	
7.	Dr. A. A. Shinde	Aarohi Tripathi	81	Health Monitoring system
		Harshit Mahendra	82	
		Siddharth Ingh	87	
8.	Dr. A. A. Shinde	Siddharth Raghuvanshi	64	An efficient digital signal processing platform for digital hearing aid system
		Subodh Goyal	66	
		Vartika Agarwal	71	
9.	Dr. A. A. Shinde	Mukul Kr Pandey	8	RFID based attendance system
		Nawnit Sinha	9	
		Ravi Kumar	10	
10.	Mrs. S. P. Gaikwad	Neetu Chahal	51	Dynamic channel allocation in cellular network
		Ankita Kaushal	75	
		Vihwajeet Singh	85	
11.	Mrs. S. P. Gaikwad	Ishant Mukhi	49	Hot potato routing
		Mehul Srivastava	50	
		Shivam Kumar	62	
12.	Mrs. S. P. Gaikwad	Vikash Kumar	2	Voice recognition in home automation using zigbee
		Sujeet Kr Gupta	67	
		Vicky Kr Singh	72	
13.	Mrs. M. V. Patil	Akshay Sharma	40	A remote agriculture system using arm controller and zigbee
		Ashish Upadhyay	42	
		Ashwini Singh	43	
14.	Mrs. M. V. Patil	Ranjan Kumar	20	Digital image watermarking using dwt
		Prashant Chauhan	54	
		Prem Prakash	55	
15.		Nandan Purohit	4	

	Mrs. M. V. Patil	Ajay Kr Singh	12	Real- time Gesture interface
		Priya Ranjan	19	
16.	Mrs. M. S. Chavan	Nandini Singh	17	Voice controlled robotic vehicle for land-mine detection
		Rohit Singh	21	
		Jyoti Singh	76	
17.	Mrs. M. S. Chavan	Sandeep Kumar	23	Solar powered robot vehicle
		Vinod Kumar	24	
		Sumit Kr Thakur	34	
18.	Mrs. M. S. Chavan	Md Sadeer Ahmad	7	End-to-End Throughput-Aware Channel Assignment
		Ajay Kr Sahu	11	
		Vijay Kumar	84	
19.	Mrs. S. V. Dhole	Jagjit Singh	1	Quality of service in mobile ADHOC network
		Abhinav Sharma	5	
20.	Mr. S. V. Dhole	Garima Sachdeva	15	City bus tracking system
		Jay Srivastava	29	
		Komal Kalra	30	
21.	Mrs. S. V. Dhole	Patel Chetan	3	Microstrip Antenna for WLAN
		Bhageyesh Joshi	25	
		Kuntal Patel	26	
22.	Mrs. S. D. Suryawanshi	Vipin Garg	73	Gesture recognition
		Yogendra Singh Bora	74	
		Surmayam Tayal	79	
23.	Mrs. S. D. Suryawanshi	Atul Kumar	6	Wheel chair operating by voice
		Amit Kumar	13	
		Prashant Singh	18	
24.	Mrs. S. D. Suryawanshi	Rakesh Kesari	32	Gesture recognition by colour
		Piyush Chandra	52	
		Prakkhar Soni	53	
25.	Ms. P. D. Kulkarni	Samir Chopra	22	Automatic missile detection and destroying system
		Suman Bharati	68	
		Tarun Singh Negi	69	
26.	Ms. P. D. Kulkarni	Kuber Jayswal	31	Women security device
		Kadam Rajshree	89	
		Lipsa Thakur	86	
27.	Ms. P. D. Kulkarni	Shobit Rastogi	78	SMS based moisture level control in irrigation system
		Vivek Sahay	88	

		Sahil Sharma	77	
28.	Mr. V. P. Kaduskar	Md. Aamir Afraz	83	Zigbee based wildlife monitoring system
		Ishan Deep Shukla	48	
		Ravi Shankar Rakesh	56	
29.	Mr. V. P. Kaduskar	Akash Walia	38	AC motor control by TRIAC
		Ashish Gautam	41	
		Atul Sharma	44	
30.	Mr. V. P. Kaduskar	Aditya Kumar	80	MOSFET based 3-phase invertor
		Kumar Robin	93	
		Prashant Kumar	33	