

**K. J. Somaiya College of Engineering, Mumbai-77**

(Autonomous College Affiliated to University of Mumbai)

**Department of Electronics and Telecommunication Engineering****BE Projects Semester VII / VIII for the Academic Year 2015-16**

<b>Gr. No.</b>	<b>Roll No.</b>	<b>Names of the Students</b>	<b>Name of Internal Guide</b>	<b>Title of the Thesis</b>
1.	1213020 1213026 1213037 1013017	Namrata Jadhav Supriya Kotak Kanchan Rawat Asmita Alandkar	<b>Dr. R. G. Karandikar</b>	Minimization of Base-line Drift Interference from ECG Signal using FPGA based Adaptive Filter
2.	1213002 1213022 1213033 1213034	Kartik Ganeshan Priyanshu Jajoo Amey Paranjape Anish Patwardhan	<b>Dr. R. G. Karandikar</b>	Home Automation using Wi-Fi Module
3.	1323129 1323136 1323137 1323138	Tejasvi Hadkar Madhuri Patil Swati Muluk Priyanka Dighe	<b>Ms. S.S. Kulkarni</b>	Data Security using Steganography
4.	1213021 1213016 1213012	Maitri S. Joshi Dhruv B. Gandhi Rohan K. Dharod	<b>Dr. Ameya K. Naik</b>	Web Based Application for Data Management
5.	1213098 1213082 1213065 1213074	Shruti J. Prabhu Sushmita R. Hosekari Sameera Prasad Jay Deokar	<b>Dr. Ameya K. Naik</b>	A Joint Watermarking and Encryption Scheme for Images
6.	1213118 1213119 1213094 1213095	Harsh Gada Jainam Shah Raj Parikh Sauravh Chakraborty	<b>Ms. Anudeepa Kholapure</b>	Car Parking Management based on RFID

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7.	1213124 1323143 1323151 1223158	Varun J. Golas Mihir H. Patel Sanket S. Thali Vishal A. Dahale	<b>Mrs. B.A. Singh</b>	Efficient Interference Reduction Technique Using a Thinning Algorithm
8.	1323132 1323134 1213062 1323135	Gaurav M. Shah Dheer P. Prajapati Akshay V. Dama Saahil Ansari	<b>Mrs. J. M. Varavadekar</b>	Remote Operated Spy Robot
9.	1323139 1323133 1213059 1213047	Udhav R. Pawar Vaibhav D. bhatt Sumeet Gaglani Divyakumar Savla	<b>Mrs. J. M. Varavadekar</b>	Human Detection In Natural Calamities
10.	1213112 1213113 1213121 1213125	Vatsal P. Vora Mohit Kumar Ankit M. Bajaria Aishwary A. Singh	<b>Mr. Dipak Kulkarni</b>	Multistage Amplifier Design for 3G & 4G System
11.	1213043 1213048 1213057 1213061	Jaynam Shah Smit Udani Dhananjay Shukla Harshal Thumar	<b>Mr. Dipak Kulkarni</b>	Multi Band Antenna Design for Bluetooth and WLAN using Metamaterials
12.	1213067 1213073 1213075 1213079	Priya Asher Priyanka Datkhile Pranav Dongre Raj Gandhi	<b>Mr. Amey Gawde</b>	Internet Of Things (IOT) based Data Monitoring

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13.	1213019 1213005 1213039 1213032	Archisha Hingu Ritvij Athavale Vaibhav Mehta Varun Patil	<b>Mr. Amey Gawde</b>	Theft Control in Cars
14.	1323144 1323149 1323150 1323153	Kinjal Darji Saylee Gawade Kajal Kasar Hetali Talsania	<b>Mr. Sandeep Sainkar</b>	NFC Based Hospital Management System
15.	1213122 1323145 1323146 1323147	Virat Joshi Deven Karani Hetvi Shah Hiral Doshi	<b>Mr. M. B. Zalte</b>	Scientific Calculator using CORDIC Algorithm on FPGA
16.	1213099 1213088 1213100 1323148	Amey A. Rambade Sanyuja Jadhav Aashish Sadri Runal Patil	<b>Mr. Kiran Ajetroa</b>	Automation of Hospital Trolley Bed ( <b>External- TruDes Studio</b> )
17.	1213087 1213089 1213101	Vivek M. kariya Akhil P. patvardhan Sankalp S. Samant	<b>Mrs. Swati Mahajan</b>	Navigation System for Visually Challenged
18.	1213055 1213003 1213011 1213049	Nikunj Lad Saumye Kaushik Paresh Dave Aditya Shah	<b>Mr. Vicky Chheda</b>	Fake Currency detection System

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19.	1213036 1323131 1213071 1213096	Kisan Prajapati Kushal Chanchad Monas Chabhadiya Siddharth Patel	<b>Mr. Vicky Chheda</b>	Encryption of Image and Video Data
20.	1213029 1213060 1213051 1323130	Mustafa A. Merchant Hardi Desai Divya Guruvayurappan Smeet Somaiya	<b>Ms. Hetal Mundra</b>	Smart Kitchen
21.	1223129 1113032 1213093 1213110	Rohan Sunder Divya Shridhar Ekta Kubadia Shilpa Subramanian	<b>Ms. Hetal Mundra</b>	GAIT Analysis
22.	1213069 1213083 1213086 1213108	B. Chandana Sayali Jadhav Manasi Kanhere Abhisha Sheth	<b>Ms. Shilpa Vatkar</b>	Verilog Implementation of 64, 32, 16, 8 Bit Carry
23.	1213035 1213054 1323140 1323141	Sunny Mithani Shivani Shah Aishwarya S. Poojary Sailee M. Nayak	<b>Ms. Shilpa Vatkar</b>	Smart Home using Bluetooth Low Energy
24.	1213027 1213028 1213030 1213040	Omakar Kulkarni Arvind Shrinivasan Saurabh Naik Prathamesh Sawant	<b>Ms. Rupali Patil</b>	Video Steganography and Authentication
25.	1213025 1213024 1213072 1213084	Dhairya Khimsaria Somil Karani Hem Chheda Rishit Dedhia	<b>Ms. Rohini Deshpande</b>	Home Automation using Internet of Things

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26.	1113120 1213050 1213052	Yogita N. Talathi Pallavi M. Wagh Purvi D. Mehta	<b>Mrs. K. S. Pandya/ Ms. Anudeepa Kholapure</b>	Secure Access System using Speech Recognition
27.	1213046 1213014 1213004 1213010	Supriya Shetty Archi Gala Sonal Ankola Ankita Gupta	<b>Mrs. K. S. Pandya/ Ms. Vandana Anerao</b>	Content based Image Retrieval
28.	1213109 1213104 1213107 1213092	Kedar S. Shukla Siddhi Parthe Sejal Wadekar Divya Nambiar	<b>Mrs. Rupali Patil</b>	Character Recognition from Handwritten Documents
29.	1213103 1213115 1213116	Sayyed Naveed Nisar Shah Hiral Manish Zaveri Grishma Kishor	<b>Mr. Nitin S. Nagori</b>	Detection Of Defects In Tablets And Capsules Using Image Processing
30.	1213045 1213041 1213008 1213017	Shaikh Suhail Ahmad Karan Shah Atul Bhosale Sanket Gupta	<b>Mr. Ankit Khivasara</b>	Handwritten Character Recognition
31.	1213007 1213023 1213038 1213076	Dhantanu Bende Jay Kanaria Kundan Sahuji Faizan Fulara	<b>Mr. Ankit Khivasara</b>	GPS based Car Security System
32.	1213091 1213068 1213064 1213095	Rohan Menon Akshay Bansal Abhishek Shrikant Ameya Prabhudesai	<b>Mr. Kiran Ajetroo</b>	Multiband Antenna using SRR

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33.	1213077 1213078 1213081 1213111	Drumil Desai Jugal Daiya Akshit Gupta Jenil Valera	<b>Mrs. Sharvari P. Deshmane</b>	Image Encryption using Steganography
34.	1213106 1213114 1213102 1213126	Kshitij Yadav Preet Dedhia Devang Savla Dhrumil Shah	<b>Mrs. Sharvari P. Deshmane</b>	Gadget Security
35.	1323152 1213080 1323142 1213070	Vishal V. Pawar Vinay Gupta Rushabh S. Gujarathi Suraj Rao	<b>Mr. Sandeep Sainkar</b>	Design and Development of Miniaturize Broadband Microstrip Antenna
36.	1213085 1213090 1213097	Manan Jethva Moumita Majumdar Akshay Poojari	<b>Mrs. Ruchira Jadhav</b>	Design of Communication Protocol for Heterogeneous Communication
37.	1213044 1213053 1213058	Rishabh K. Shah Parth A. Pandya Harsh A. Shah	<b>Ms. Savita Raut</b>	Wireless Data Transfer using Li-Fi (Light Fidelity) or Visible Light Communication (VLC)
38.	1213001 1213006 1213015 121018	Abhilash K. Sunny Baraliya Viraj Gala Vivek Gupta	<b>Ms. Savita Raut</b>	Designing of Microstrip Antenna

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1.	1313065 1313092 1313093 1313111	Jayshree Memane Aishwarya Patil Samruddhi Modi Aksh Thakkar	<b>Dr. R. G. Karandikar</b>	Energy Meter Monitoring using IOT
2.	1313074 1313089 1313088 1313091	Pallavi Dubey Priyanka Maheshwari Bhavesh Lamba Durva Mathure	<b>Dr. R. G. Karandikar</b>	Air and Sound Pollution Monitoring System
3.	1313113 1313122 1423013 1313102	Amey Shahane Siddhesh Waykool Purva Sawant Aditya Pawar	<b>Dr. Ameya K. Naik</b>	Real Time Security System using Face Recognition
4.	1313073 1313079 1313080	Bishrut Jayaswal Tejas Erram Prem Jethwa	<b>Dr. Ameya K. Naik</b>	Optical Character Recognition using Machine Learning
5.	1313109 1313110 1213105 113084	Amit Naik Khayaal Shah Drishti Trivedi Rahul Kondikir	<b>Mrs. R. A. Deshpande</b>	Detection of Heart Diseases using ECG data and Machine Learning
6.	1313019 1313032 1313039	Bhagyashree Joshi Poonam nayak Vaishnavi Patil	<b>Mr. Ankit Khivasara</b>	Signature Recognition using Neural Network

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7.	1313076 1313112 1313114 1313118	Kaushik Galiya Vimoh Shah Smit Ambardekar Smit Mehta	<b>Mr. Nitin Nagori</b>	Fingerprint Detection and Applications
8.	1313070 1313077 1313115 1313119	Akshay Majithia Prasad Hadkar Shreya Shenvi Anuj Shah	<b>Mrs. J. M. Varavadekar</b>	Gesture Controlled Wheelchair for disabled People
9.	1313033 1313034 1313041 1423007	Nirmal Panchal Amit Pandhare Vivek Prajapati Kruti Tailor	<b>Mrs. J. M. Varavadekar</b>	Moving Message Conveyer for disabled or paralytic persons
10.	1313071 1313072 1313084 1313094	Dhawal Dedhiya Shreyesh Desai Kunal Kalwankar Sahil Natu	<b>Mr. Ankit Khivasara</b>	Sun Tracking Two Axis Solar panel using Microcontroller
11.	1423004 1423005 1423008 1423010	Meet Sadrani Rushabh Khakhar Jaikumar Bhuva Harsh Chudasama	<b>Mrs. Savita Raut</b>	Smart Wheel Chair
12.	1313127 1423020 1423023 1423024	Shivam Mujoo Dipali Kolte Anjali Naik Aswini Kokitkar	<b>Mr. Kiran Ajetroa</b>	RFID based Trolley for Super Market Automation



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13.	1313027 1313030 1313035 1313036	Hem Rambhia Divyang Mehta Akhay Patel Dishant Patel	<b>Mrs. Sharvari Deshmane</b>	Securing AODV Routing Protocol from Black- Hole Attack
14.	1313048 1313059 1423001 1423006	Rishabh Shah Hiren Waghela Chirag Panchal Tejas Patel	<b>Mrs. Sharvari Deshmane</b>	Streaming of Media on Smartphone
15.	1313016 1313018 1313022 1313044	Shivranjini Hegde Karishma Jain Ritu Jain Priya Rawal	<b>Mrs. Hetal Mundra</b>	Remote Gain Control using Mobile App
16.	1313001 1313047 1313043 1313002	Nivedha Balasubramanian Harshit Shah Himesh Raste Vaishnavi Doraiswamy	<b>Mrs. Hetal Mundra</b>	Smart Inventory Management
17.	1313058 1313042 1313060 1313012	Shruti Vakhariya Yash Raichura Aayush Shah Divyank Jain	<b>Mr. Kiran Ajetroa</b>	Audio Navigation for the visually challenged using Wireless Communication
18.	1313006 1313014 1313063	Harshal Patil Swati Goyani Prasad Pandhare	<b>Mrs. Bharti Singh</b>	Smart Vehicle Box/ Automation
19.	1313037 1313040 1313061 1213031	Gaurang Patel Pranav Prabhu Anirudh Nagaraja Preet Parekh	<b>Mr. Sandeep Sainkar</b>	Microstrip Antenna using EBG Structure

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20.	1313023 1313055 1313054	Tehemton Khairabadi Deepika Palukurthi Pooja Shivhare	<b>Mrs. Rupali Patil</b>	Modified Augmented Reality based Navigation System for the visually impaired
21.	1313066 1313067 1313068 1313117	Harsh Atha Amogh Batwal Rahul Bhanushali Rushabhraj Singhavi	<b>Mrs. Rupali Patil</b>	Gesture and Object Recognition
22.	1313069 1313103 1313107 1313108	Bhavik Chheda Pawan Prajapati Narendra Sahu Saurabh Naik	<b>Mrs. Shilpa Vatkar</b>	Enhancing Security using RFID and IOT
23.	1313008 1313007 1313121 1313029	Venkata Abhinav C. Abhishek Jaiswal Tanuj Verma Rohit Mishra	<b>Mrs. Shilpa Vatkar/ Mr. Ganesh Gore</b>	PSOC BLE based Attendance System (External-Eduvance)
24.	1423014 1423021 1423016 1313086	Shreya Shirke Ashwini Shedage Lalita Gawas Sheona Kankari	<b>Mrs. Baishakhi Bose</b>	A Sensor based Greenhouse Monitoring
25.	1313123 1313124 1313125 1313126	Nishid Joshi Nitant Choksi Mihir Mewada Dhruv Jain	<b>Mrs. Baishakhi Bose</b>	MANET Attack Simulation using NS2
26.	1313009 1313011 1313013 1313026	Apurva Desai Vidhi Jadhav Kinjal Gala Pooja mada	<b>Mrs. Swati Mahajan</b>	Automated Security System

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27.	1313099 1313082 1313087 1313095	Patel Dipti Joshi Bindita Kulkarni Rohan Nimse Yash	<b>Mrs. Swati Salve</b>	Security system based on speech processing for banks
28.	1423025 1423026 1423019 1313081	Tejaswini Jadhav Vishakha Padave Aishwarya Sawant Amal Joshi	<b>Mrs. J. M. Kundargi</b>	Crop Disease Detection using Image Processing
29.	1313105 1313106 1313116 1313120	Niket Ramani Abhishek Rathod Uttam Shetty Nayan Thakkar	<b>Mr. Dipak Kulkarni</b>	Design and Fabrication of Multiband Antenna for sub GHz mobile applications
30.	1313045 1313017 1313031	Akshay Broota Bhavesh Jain Praveer Narwelkar	<b>Mr. Kartik Patel</b>	Prevention of Pressure Ulcers in immobilized patients by Real-time Monitoring of Pressure and blood circulation at contact entrance in Hospital Beds
31.	1313083 1313085 1313090 1313096	Sagar Joshi Rudram Joshi Harsh Menta Purvik Panchal	<b>Ms. Akshata Prabhu</b>	Ultra Wideband Antenna
32.	1313057 1313024 1313028 1313078	Jinal Thakkar Ganesh Kothavale Rumit Maru Monish Haria	<b>Mr. Amey Gawde</b>	Android Application Detecting Beacons
33.	1423015 1423017 1313064 1423022	Vipin Kumar Sharma Nivedita Gawande Vachaspati Ramakrishnan Viraj Ambre	<b>Mr. Amey Gawde</b>	Smart Home Systems using IOT

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34.	1313097 1313098 1313100 1313101	Dishant Pandya Smit Mehta Prathmesh Shivrame Neeraj Kalsekar	<b>Mrs. Savita Raut</b>	Health Monitoring System (GSM Based)
35.	1213056 1423002 1423011 1423012	Shayna Jain Akshay Gandhi Akash Pathak Bijal Shah	<b>Mrs. Chaitali Ingale</b>	Fluid Interface with Augmented reality and Open Hybrid
36.	1313010 1313005 1313021 1313049	Gaurav Jain Deep Bhanushali Sandesh Kakad Bhavik Shah	<b>Mrs. R. A. Jadhav</b>	GSM based Electricity Meter reading
37.	1423003 1423009	Jinal Panchal Harsh Gosalia	<b>Mrs. Swati Mahajan</b> <b>Co-guide: Dr .K. N. Patil</b>	Soiling Effects on Electrical Characterization of Solar PV
38.	1313004 1313020 1313050 1313053	Dikshit bhanushali Rohit dishi Yash Shah Mohit Seth	<b>Mr. Sandeep Sainkar/</b> <b>Dr. R. G. Karandikar</b>	Planar Inverted F Antenna
39.	1313038 1213042	Saahil Patel Druv Shah	<b>Mrs. Sangeeta Kulkarni</b>	Design of Underwater Drone for Object Identification

Date:

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