

**Department of Electronics and Telecommunication Engineering**

**B. Tech Projects 2018-2019**

Sr. No.	Roll No.	Names of group members	Title of Project	Thrust Area / Field / Domain	Name of Guide / Co-Guide/
1.	1513094 1513104 1513096 1513100	Ninad Modak Soham Pendse Shamitha Naidu Shruti Parakkal	Que-Less Shopping System	Image Processing	Dr. Ameya K. Naik
2.	1513089 1513097 1513091 1513085	Mayur Nandu Rochan Nehete Parth Mehta Mihir Joshi	2D, 3D Modeling Using MI & AR	Image Processing	Dr. Ameya K. Naik
3.	1513017 1513018 1513020	Vatsal Gandhi Nishant Gaonkar Siddhant Jagtap	Machine Learning Based Expert System For Analysis Of Driving Patterns	VLSI & Embedded Systems	Dr. R. G. Karandikar
4.	1513022 1513042 1513057 1513058	Karan Jogi Aniket Prasad Darshan Teraiya Parth Trivedi	Autonomous Floor Cleaning Robot	VLSI & Embedded Systems	Dr. R. G. Karandikar
5.	1513126 1513079 1513070 1513125	Sohel Momin Parshva Gandhi Mihir Bhanushali Nishant Hiremath	Facial Recognition Based Attendance Management System	Signal Processing	Mrs. Jayshree Kundargi
6.	1513124 1513077 1513078	Sidharth Kaliappan Lalith Dupathi Manasa Gadiyaram	Open Source Biometric Access Control Using Raspberry- Pi	VLSI & Embedded Systems	Mrs. Jayshree Kundargi Co-guide: Prof. S. Sudarshan
7.	1513064 1513073 1513081 1513122	Sanjay Sunilkumar Dhruvi Chauhan Rani Tresa Gigi Gauri Urhekar	Smart DSP Calculator For Students	Signal Processing	Mrs. R. A. Deshpande
8.	1213063 1413072 1413091 1523027	Pritam Mohite Viraj Chheda Pranjal Mishra Sayali Mule	Voice Recognition Based Communication System	Signal Processing	Mrs. R. A. Deshpande
9.	1513035 1513044 1513048	Rajal Nivargi Aditi Sable Ami Mandekar	Design of Four Channel Analog Current Output Module	VLSI & Embedded Systems	Mrs. Sangeeta Kulkarni Co-guide: Mrs. Manisha Tripathi
10.	--	--	--	--	--
11.	1513008 1513012 1513027 1513028	Raj Bhanushali Yash Dama Niraj Mandaliya Harsh Mehta	Power Generation Using Dynamo Technique	VLSI & Embedded Systems	Mrs. Jyoti Varavadekar
12.	1513036 1513037 1513038 1623008	Dhawal Panchal Devesh Pandey Navanshuman Parmar Priyanka Gupta	Anti Power Theft For Public Street Lights	VLSI & Embedded Systems	Mrs. Jyoti Varavadekar

**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)

Sr. No.	Roll No.	Names of group members	Title of Project	Thrust Area / Field / Domain	Name of Guide / Co-Guide/
13.	1513076 1513112 1513119 1513120	Chandresh Dhuri Sarhak Shah Kunj Tanna Vivek Thakkar	A Remotely Monitored Health Status Bracelet For Old Age And Physically Disabled	VLSI & Embedded Systems	Mrs. Rupali Patil
14.	1623013 1623021 1623022 1623024	Hiren Chauhan Prathmesh Patil Divith Bajaj Roshan Jadhav	Application For Deaf/ Dumb Using Image Processing or Embedded System (Smart Glover)	Image Processing	Mrs. Rupali Patil
15.	1513026 1513046 1513047	Abhisha Katadia Harmi Shah Mansi Shah	Smart Restaurants	Wire & Wireless Communication	Mrs. Bharti Singh
16.	1513054 1513060 1513011	Krupa Solanki Divakar Yadav Diya John	Navigation System For Visually Challenged	Wire & Wireless Communication	Mrs. Bharti Singh
17.	1513001 1513006 1513007 1513019	Abhinaya Nagarajan Tanushri Das Jinal Bhanushali Priyal Gudhka	IOT Based Green House Monitoring System	Wire & Wireless Communication	Mrs. Baishakhi Bose
18.	1513030 1513053	Nehal Mishra Astha Singh	Smart Document Tracking System	Others	Mrs. Baishakhi Bose Co-Guide: Mr. Swapnil Bawa
19.	1513098 1513088 1513075 1513067	Niti Patel Zainab Khokawala Adnan Dedhawala Moiz Balasinorwala	Plant Feature Extraction Using Image Processing And Time-Lapse Based Analysis Using Machine Learning	Image Processing	Dr. Rizwan Ahmed
20.	1513092 1513102 1513123 1513128	Smit Kesaria Riddhi Patel Nirav Duggad Sorabh Rathod	Visual Impairment Screenings And Intervention For Optical Needs (V.I.S.I.O.N.)	VLSI & Embedded Systems	Mr. Dipak Kulkarni Co-Guide: Mr. Mahesh Warang
21.	1513043 1513049	Poojan Dholakia Sanay Shah	Underwater Rover For Underwater Infrastructure Inspection	VLSI & Embedded Systems	Mr. Sandeep Sainkar Co-Guide: Mr. Mahesh Warang
22.	1513069 1513082 1513065 1513121	Akshay Bhanushali Aditya Jagani Aman Agarwal Shreya Udeshi	Tactical Surveillance IOT Based Robot	Wire & Wireless Communication	Mr. Kartik Patel
23.	1413122 1623015 1623018 1623020	Nisarg Patwari Saket Shah Varuni Desai Ashlesha Kharat	Energy Efficient Clustering Algorithm For Structured Wireless Sensor Networks	Wire & Wireless Communication	Mr. Kartik Patel
24.	1513013 1513015 1513016 1513021	Kevin Dharod Mrunmayi Ekbote Amitkumar Gandhi Roshan Jain	Smart Bus Tracking System	Wire & Wireless Communication	Mrs. Shilpa Vatkar
25.	1623006 1623009 1623011 1623012	Kinjal Ashra Nidhi Gorade Rasika Sarang Pratiksha Sakpal	Smart Patient Monitoring System Using IOT	Wire & Wireless Communication	Mrs. Shilpa Vatkar

**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)

Sr. No.	Roll No.	Names of group members	Title of Project	Thrust Area / Field / Domain	Name of Guide / Co-Guide/
26.	1513087 1623005 1623003 1623010	Pradhumna Karlekar Kush Pandya Neil Shah Omkar Gawade	Design Of Planar Multiband Antenna For Mobile Applications	RF Circuits and Antenna	Mr. Kiran Ajetroa
27.	1513072 1623014 1623019 1623023	Keyur Bhavsar Shreya Shah Siddhi Gangar Shreya More	Smart Helmet	VLSI & Embedded Systems	Mr. Kiran Ajetroa
28.	1513095 1513101 1513103 1513105	Mariya Raphel Khyati Patel Manasi Paradkar Simran Rajput	Real Time Hand Gesture Recognition	Signal Processing	Mr. Amey Gawde
29.	1513002 1513004 1513005	Shreyas Seshadri Priyesh Amin Harsh Beriwal	Automated Fire And Smoke Safety Control System	VLSI & Embedded Systems	Mr. Amey Gawde
30.	1513129 1513131 1623001	Aditya Chatterjee Ashish Dodamani Devansh Chawda	Blockchain Based Electronic Voting Machine (EVM)	Wire & Wireless Communication	Mrs. Sharvari Deshmane
31.	1513074 1513083 1513071 1513068	Surbhi Dalvi Mayank Jain Riddhi Bhatia Priya Bhagat	ATM Security	VLSI & Embedded Systems	Mrs. Sharvari Deshmane
32.	1513003 1513010 1513014 1513032	Rajasi Ahuja Manali Chaudhari Mrunmayee Dikey Devanshi Mohapatra	Integrated Solutions For Warehouse	Wire & Wireless Communication	Ms. Akshata Prabhu
33.	1513106 1513116 1623016 1623017	Om Ruparel Anunay Sinha Pranav Sheth Himesh Kotak	Automated Irrigation System Using IOT	VLSI & Embedded Systems	Ms. Akshata Prabhu
34.	1513099 1513114 1513115 1513118	Arnab Panda Aishwarya Shetty Veenadharini Shukla Neha Tandon	Text Independent Speaker Recognition (Verification)	Signal Processing	Dr. Jagannath Nirmal (ETRX) Co-Guide: Ms. Akshata Prabhu
35.	1513090 1513093 1513110 1513080	Leander Mascarenhas Danish Mithani Nishant Shah Yash Gandhi	IOT Based Automatic Garbage Waste Disposal System With Machine Learning	Wire & Wireless Communication	Mr. Nitin Nagori Co-Guide: Ms. Akshata Prabhu
36.	1513041 1513051 1513059 1513063	Vinayak Patel Kuber Sharma Avinash Upadhyay Jay Shah	Smart And Automatic Crop Irrigation	VLSI & Embedded Systems	Mrs. Vandana Satam
37.	1513024 1513050 1513061	Yash Karia Vama Shah Anukiti Vyas	Design A System To Aid The Verbally Impaired In Communication	Wire & Wireless Communication	Mr. Ankit Khivasara
38.	1513045 1513055	Mayur Said Tejas Surve	Smart Bin Using IOT	Wire & Wireless Communication	Mrs. Ruchira Jadhav

**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)

Sr. No.	Roll No.	Names of group members	Title of Project	Thrust Area / Field / Domain	Name of Guide / Co-Guide/
39.	1223129 1423018 1413058 1313075	Rohan Sunder Haider Ali Shaikh Saurabh Walvekar Vishal Gaikwad	Heads-Up Display For Motorcycle Helmets	VLSI & Embedded Systems	Mrs. Swati Mahajan
40.	1513023 1513033 1513040 1513052	Vikas Khabadi Kushang N. Rishi Patel Mahesh Shinde	Stock Market Prediction	Others (Big Data Analysis)	Mrs. Savita Raut
41.	1513127 1513109 1513111 1513117	Anmol Sharma Harsh Shah Paras Shah Sahablal Sonkar	Footstep Counter And Timer	VLSI & Embedded Systems	Mrs. Savita Raut
42.	1623007 1513130 1513062	Gauri Kudtarkar Abhishek Kumar Raj Prathmesh Yadav	Maintaining Database Of Original Documents In College Premises	Others	Mrs. Anudeepa Kholapure Co-Guide: Mrs. Jyoti Tryambake
43.	1515072 1511007 1511012 1513086	Pranav Bajaj (Mech.) Smeet Chheda (Comp.) Huzaifa Ginwala (Comp.) Mrinal kadam (EXTC)	Automated Pesticide Dispensing Machine For Sugarcane Crop- Design And Developments Of Prototype	VLSI & Embedded Systems	Dr. Jyoti Vishnu Jogalekar (Comp.) Co-Guide: Dr. Ramesh Lekurwale (Mech.)

HOD EXTC