

JSPM's
Rajarshi Shahu college of Engineering, Tathawade, Pune
Department of Electronics and Telecommunication Engineering
List of BE- E&TC Project Groups
A.Y.2020-21

Group No	Title of Project	Name of student	Area	Classification	Project Supervisor	Contribution/Achievements/Research Output	Matching with stated Pos
A.Y. 2020-21							
1	Flood detection and water monitoring system	Lad Bhushan Sanjay	Automation	Application oriented	Mrs. V. S. Kulkarni	It can aid the society	PO1 to PO12, PSO1 to PSO3
		Mahajan Pranali Prabhakar					
		Deshmukh Pranoti Prashant					
2	IoT based vehicle accident detection and tracking system	Patil Tapan Shashikant	Embedded System	Application oriented	Dr. S. C. Wagaj	It can help the society	PO1 to PO12, PSO1 to PSO3
		Suryawanshi Nikhil Hanmant					
		Ubale Aditya Ramchandra					
		Gawali Vivek Shantaram					
3	Design and implementation of self driving car using Raspberry pi 3	Ajagekar Akash Sukumar	Automation	Application oriented	Mr. R. S. Bulbule	scope in automation of vehicle	PO1 to PO12, PSO1 to PSO3
		Choukhande Aniket Sanjay					
		Suraj Sunil Jadhav					
4	Autonomous collision avoidance drone for survey in hazardous places.	Choudhary Rushabh Ashok	Signal Processing	Application oriented	Dr. B. D. Jadhav	Canbe used for safety	PO1 to PO12, PSO1 to PSO3
		Jadhav Mayuri Sanjay					
		Sail Komal Mangesh					
5	Automatic solar based power inverter system for rural development	Laveena Hiralal Choudhary	Embedded System	Social Concerned	Dr. A. N. Paithane	Will help the society	PO1 to PO12, PSO1 to PSO3
		Pradnya Pramod Bansode					
		Sagrika Hemant Barge					
6	Segway- self balancing Scooter	Shitole Manali Nilesh	Embedded System	Product	Mr. A. V. Jawake	Improvise the working of vehicles	PO1 to PO12, PSO1 to PSO3
		Murud Sandeep Shivram					
		Kharatmol Pooja Madhav					
7	Prevent onion wastage at the warehouse by installing IoT-based sensors.	Patil Dhanshree Ram	Embedded System	Product	Mrs. V. S. Kulkarni	Will help the farmers	PO1 to PO12, PSO1 to PSO3
		Sutar Rameshwar Mahesh					
		Jadhav Rutuja Rajendra					
8	Soldier health and position tracking system using IoT	Udhane Shivani Sopan	Embedded System	Social Concerned	Mr. R. S. Bulbule	Can be used in mitilitary applications	PO1 to PO12, PSO1 to PSO3
		Patil Aditi Jivanrao					
		Bachal Shreyas Rajendra					
9	Facial recognition using Tensorflow	Suryawanshi Sanket Sandeep	Signal Processing	Algorithm oriented	Dr. S. A. Paithane/ Mrs. K. V. Fale	Used for security applications	PO1 to PO12, PSO1 to PSO3
		Patil Kiran Mahesh					
		Salgarkar Vaishnavi Sunil					

10	IoT based air and noise pollution monitoring System	Bhapkar Pooja Dilip	Embedded System	Social Concerned	Mr. A. D. Sonawane	Used for balancing ecosystem	PO1 to PO12, PSO1 to PSO3
		Khamkar Shraddha Khamkar					
		Salunkhe Priyanka Shankar					
11	Smart polyhouse farming using IoT environment	Mane Tushar Mithu	Automation	Social Concerned	Mrs. S. D. Kale	scope in solving problems in agriculture	PO1 to PO12, PSO1 to PSO3
		Shendage Shankar Mahipati					
		Sawant Sushant Krushna					
12	Design and implementation of IoT based non invasive method for detection of diabetes	Patil Rajesh Narsing	Embedded System	Social Concerned	Dr. Tanuja Dhope	Used for medical applications	PO1 to PO12, PSO1 to PSO3
		Mahajan Vijaykumar Rajkumar					
		Patil Vishal Madhukar					
13	Smart jacket for stress monitoring , detection and prevention	Balwadkar Shraddha Dhananjay	Signal Processing	Social Concerned	Dr. S. A. Bhisikar	It is useful to society	PO1 to PO12, PSO1 to PSO3
		Nikita Vithalrao Biradar					
		Gayate Mansi Rahul					
14	Smart trolley using RFID tags	Ashwathy Vasudevan	Embedded System	Social Concerned	Dr. S. C. Patil/ Ms. P. V. Gujarathi	It can be used in public places.	PO1 to PO12, PSO1 to PSO3
		Deshmukh Sayali Anil					
		Kshirsagar Sukanya Kailas					
		Sakpal Shraddha Sudhir					
15	Home automation system using blue tooth technology with smart energy meter.	Gadhawe Karan Mahadeo	Embedded systems	Product	Dr. C. V. Rane	It can save the energy.	PO1 to PO12, PSO1 to PSO3
		Kale Abhishek Pratap					
		Kaname Ajay Balaji					
16	Low cost automatic ventilator	Patil Ojaswini Govardhan	Automation	Social Concerned	Dr. C.V. Rane	It is useful in medical field	PO1 to PO12, PSO1 to PSO3
		Raut Vaishnavi Santosh					
		Rajkuntwar Prasad Balaji					
17	Smart irrigation system using IoT	Sawant Yogesh Sampat	Embedded System	Social Concerned	Dr. P. M. Ghate	scope in solving problems in agriculture	PO1 to PO12, PSO1 to PSO3
		Shriramwar Shubham Shivdas					
		Sawant Hemant Dhananjay					
18	Smart protection jacket for women safety	Durgade Vrushali Ajit	Embedded System	Social Concerned	Mr. A. V. Jawake	It is useful to society	PO1 to PO12, PSO1 to PSO3
		Ligade Shivani Dhananjay					
		Lole Vedant Vitthal					
19	Smart Body Temperature Monitoring System with Face Recognition In Covid-19	Mehendale Sarang Sudhir	Signal Processing	Social Concerned	Dr. B. D. Jadhav	It is helpful in medical applications.	PO1 to PO12, PSO1 to PSO3
		Kulkarni Nilesh Yogeshrao					
		Fulambarkar Yash Rajeshrao					
20	IoT based sleep tracking system.	Shinde Apurva Balasaheb	Software	Product	Dr. Tanuja Dhope/ Ms. P. V. Gujarathi	It is helpful in development of applications for safety.	PO1 to PO12, PSO1 to PSO3
		Salgaonkar Rutvi Manohar					
21	Silent lip reading technique for password authentication	Khanage Jagruti Jaydeep	Signal Processing	Algorithm oriented	Ms. S. A. Sonawane	It is useful for physically impaired persons.	PO1 to PO12, PSO1 to PSO3
		Jagtap Ankita Dattatraya					
		Jadhav Kamini Sanjay					
22	An aid to physically impaired and dumb people from Conversation of Lip movement to speech	Thorat Abhishek Sanjay	Signal Processing	Social Concerned	Ms. S. A. Sonawane	It is useful for physically impaired persons.	PO1 to PO12, PSO1 to PSO3
		Wadvale Prasad Wadvale					
		Dhas Ajit Tukaram					
23	Sensor node for life automation	Jamadar Mujaffar Firojkhan	Automation	Social Concerned	Mrs. S. P. Vibhute	It can be useful in automation	

		Mali Rohan Rajendra					PO1 to PO12, PSO1 to PSO3
		Khan Yasir Haleem					
24	Robotic Pesticide Sprayer	Ugle Yuga Abhay	Automation	Social Concerned	Mrs. S. D. Kale	It is used for automation in agreculture.	PO1 to PO12, PSO1 to PSO3
		Mahale Samruddhi Rajeev					
		Jawale Kshitija Anil					
25	Design and Development of Telemedi- cine and Healthcare system	Talekar Riya Krishnanand	Embedded systems	Product	Dr. A. N. Paithane/ P. Chippalkatti	It is used in healthcare system	PO1 to PO12, PSO1 to PSO3
		Lokare Pankaj Ramchandra					
		Darshale Nikita Dattatray					
26	Wall Crack detection using image pro- cessing	Gonjari Anuradha Manoj	Signal Processing	Product	Dr. S. C. Patil	It is useful to society	PO1 to PO12, PSO1 to PSO3
		KawanePritee Ashok					
27	Hand Gesture Recognition for MP3 player	Chavan Anjali Prakash	Signal Processing	Product	Dr. C. V. Rane	It is useful for physically impaired persons.	PO1 to PO12, PSO1 to PSO3
		Neha Shantaram Kamble					
28	RTC Based Smart Water Supply Sys- tem	Shrikhande Anubhav Narhari	Embedded systems	Product	Dr. A. N. Paithane	It is useful to society	PO1 to PO12, PSO1 to PSO3
		Madhura Prashant Hatolkar					
		Sunita Sanjay Hawaldar- B					
29	To Create Electric Scooter which is Ecofriendly and Low of cost Solution	Datir Akshay Vijay	Embedded systems	Social Concerned	Dr. P. M. Ghate	It can be useful for ecosystem	PO1 to PO12, PSO1 to PSO3
		Joshi Shubhangi Vilas					
		Gaikwad Suraj Dattatray					
30	IoT Based automatic meter reader for electric meter "	Shubham Bhagvan Kadam	Automation	Product	Dr. A. N. Paithane	It is used for advancement of con- ventional systems.	PO1 to PO12, PSO1 to PSO3
		Kalegore Ankit Prashant					
		Pol Rohan Balkrishna					
31	Touchless elevator panel	Patil Pratik Nilkanth	Embedded System	Product	Mrs. S. P. Vibhute	It is used for advancement of con- ventional systems.	PO1 to PO12, PSO1 to PSO3
		Bade Rohit Jagannath					
		Bhosale Umesh Ramesh					
32	Compost Temperature Monitoring Sys- tem	Nair Ashwathi Murali	Embedded System	Social Concerned	Dr. S. C. Patil	Scope in solving problems in agricul- ture	PO1 to PO12, PSO1 to PSO3
		Nanaware Omkar Rajendra					
		Gaikwad Ankita Kailas					
33	IoT Based Health Monitoring System	Mundlik Shraddha Suryakant	Embedded System	Social Concerned	Dr. S. C. Wagaj	It is useful in health care systems.	PO1 to PO12, PSO1 to PSO3
		Furde Trupti Laxman					
		Jadhav Vaishnavi Shivaji					
34	Eletrical bicycle	Selukar Shubham Vijaykumar	Embedded System	Product	Dr. P. M. Ghate	It can be useful for ecosystem	PO1 to PO12, PSO1 to PSO3
		Saha Aditya Kuldeep					
		Rathod Pawan Deelip					
35	Animatronic Hand Using Wireless	Chavan Divakar Kailas	Embedded System	Product	Mrs. V. S. Kulkarni	It is useful for physically impaired persons.	PO1 to PO12, PSO1 to PSO3
		Ashtankar Nishad Narendra					
		Chidrawar Ashutosh Rajendra					
36	Road lane detection by using node mcu"	Tate Pratik Dattatray	Embedded System	Product	Dr. S. A. Paithane	It is helpful for saftey measures	PO1 to PO12, PSO1 to PSO3
		Thosar Mahesh Ashok					
		Shinde Omkar Hari					

37	Face recognition of a person wearing mask	Hadapad Ambika Chandrakant	Signal Processing	Algorithm oriented	Dr. S. A. Paithane/ Ms. S. G. Bhingardive	It is helpful for safety and security measures	PO1 to PO12, PSO1 to PSO3
		Kaspate Pratiksha Shivaji					
		Yadav Gayatri Sampat					
38	Flight arriving delay detection	Bhagyashree Prabhakar Nawale	Software	Algorithm oriented	Dr. S. A. Bhisikar	It is information system.	PO1 to PO12, PSO1 to PSO3
		Gaikwad Kajal Balasaheb					
		Rokade Pallavi Bhimrao					
		Thube Tejal Tukaram					
39	Solar power inverter	Ambekar Shubham Suhas	Embedded System	Product	Dr. P. M. Ghate/ Mr. R. V. Ghodchar	It is power saving system.	PO1 to PO12, PSO1 to PSO3
		Pandit Hrishikesh Amarnath					
		Pise Gajanan Dashrathrao					
40	Design and implementation of IoT based non invasive method for treating frozen shoulder patient	Raut Komal Kisan	Embedded System	Application oriented	Dr. Tanuja Dhope	It is helpful in medical field.	PO1 to PO12, PSO1 to PSO3
		Jadhav Yamini Ravindra					
		Jagtap Harshada Ajinath					
41	Drowsiness Detection	Shejul Sanket Ravindra	Embedded system	Application oriented	Dr. S. C. Wagaj	It is helpful for safety measures	PO1 to PO12, PSO1 to PSO3
		Karishma Deepak Lohar					
		Akkam Saikiranreddy Mohanreddy					
42	Smart shopping trolley with automated billing using Arduino	Shaikh Mahammadrafee Yusuf	Embedded system	Application oriented	Mr. A. D. Sonawane	It can be used in public places.	PO1 to PO12, PSO1 to PSO3
		Kamble Swapnali Dhondiram					
		Mang Sapana Bharama					
43	Bluetooth control cleaning robot using Arduino	Shinde Sushama Pradip	Automation	Application oriented	Dr. S. A. Bhisikar/ Mrs. K. V. Fale	It can be helpful for automation in robots	PO1 to PO12, PSO1 to PSO3
		Abhilasha NanasahabKemdarne					
		Pachpute Radhika Vishnu					
44	Weather prediction system using IoT and machine learning	Kshirsagar Pranita Praphulla	Software	Social Concerned	Dr. B. D. Jadhav	It is used in forecasting of weather	PO1 to PO12, PSO1 to PSO3
		Sundar NagoraoKesgire					
		GhadageRinita Nathuram					
45	Automatic grid healing system using minimum spanning tree algorithm.	Almale Mahesh Rajendra	Embedded systems	Algorithm oriented	Dr. S. A. Paithane	It is used for automation.	PO1 to PO12, PSO1 to PSO3
		Shashank Kumar					
		Chitte Hemakshi Chandrakant					
46	Automatic Temperature and mask detection system using IoT	Chamle Pooja Pratap	Signal Processing	Application oriented	Dr. S. C. Wagaj	It is helpful for safety measures in medical field.	PO1 to PO12, PSO1 to PSO3
		Gaekwad Bhagyashree Jayendra					
		Ghatte Pragati Gajanan					
47	Weed detector and management for agricultural products	Shinde Pratik Prakash	Signal Processing	Social Concerned	Mrs. S. D. Kale	scope in solving problems in agriculture	PO1 to PO12, PSO1 to PSO3
		Pathan PervezkhanNaserkhan					
48	IoT system for Weather condition detection	Ingle Sanket Dinkar	Signal Processing	Application oriented	Dr. S. A. Bhisikar	It is used in forecasting of weather	PO1 to PO12, PSO1 to PSO3
		Gomare Vishal Dhananjay					
		Verma Angad Mohan Lal					
49	IoT based Smart Dustbin	Hatte Omkar Ramchandra	Embedded systems	Application oriented	Mr. A. D. Sonawane	It is helpful for society	PO1 to PO12, PSO1 to PSO3
		Katke Jayesh Piraji					
		Arbad Rushikesh Subhash					
50	IoT in dairy farming	Valiyaveetil Vishwam Gopal	Embedded systems	Social Concerned	Dr. Tanuja Dhope	It is helpful for society	

		Chakor Navneet Rameshrao					PO1 to PO12, PSO1 to PSO3
		Mandekar Anurag Sandeep					
51	LoRa based wind turbine and solar energy monitoring system.	Potdukhe Prafulla Ramkrishna	Embedded systems	Social Concerned	Mr. R. S. Bulbule	It is energy and resource management	PO1 to PO12, PSO1 to PSO3
		Malshette Tirupati Vaijinath					
		Doiphode Poonam Dadasaheb					
52	Smart home air-cooler kit	Dhyani Shubham Navall	Embedded systems	Product	Mrs. S. P. Vibhute	It is helpful for society	PO1 to PO12, PSO1 to PSO3
		Mali Abhishek Vijay					