

JSPM's

Rajarshi Shahu college of Engineering, Tathawade, Pune

Department of Electronics and Telecommunication Engineering

List of BE- E&TC Project Groups

A.Y.2019-20

Group No	Title of Project	Name of student	Area	Classification	Project Supervisor	Contribution/Achievements/Research Output	Matching with stated Pos
A.Y. 2019-20							
1	Segregation of packages based on location.	Rahul Kumar Singh	Embedded System	Product	Dr. B. D. Jadhav	It is used in automation.	PO1 to PO12, PSO1 to PSO3
		Kingshuk Kiran Mandal					
		Kolhe Dnyanesh Vilas					
		Paliwal Pratik Harish					
2	Mouse Control through face movement and eye tracking	Chaskar Pooja Sunil	Signal Processing	Algorithm oriented	Dr. A. N. Paithane	It is advancement in features in computer system.	PO1 to PO12, PSO1 to PSO3
		Jadhav Dhanashree Kisan					
		Asati Radhika Balram					
		Jadhav Anil Shrikishan					
3	Crop monitoring system for smart agriculture using raspberry pi	Bhosale Swapnil Baburao	Embedded System	Social Concerned	Mrs. S. D. Kale	scope in solving problems in agriculture	PO1 to PO12, PSO1 to PSO3
		Jijin Jacob					
		Dhumal Amol Narayan					
4	Identification and classification of cervical spondylosis (CS)	Kashid Sneha Suresh	Signal Processing	Algorithm oriented	Ms. P. V. Gujarathi	It can be used in health care.	PO1 to PO12, PSO1 to PSO3
		Patil Pranali Bajirao					
		Nalawade Tanmayee Uday					
5	Image Processing based object segregation.	Bhure Apeksha Appasaheb	Signal Processing	Algorithm oriented	Mrs. V. S. Kulkarni	It can be useful in automation	PO1 to PO12, PSO1 to PSO3
		Wagh Pallavi Pradeep					
		Hinge Nikita Yashwant					
6	Computer vision based attendance system	Sumit Kumar Mishra	Signal Processing	Algorithm oriented	Dr. B. D. Jadhav	It can be useful in school , institutes, offices etc.	PO1 to PO12, PSO1 to PSO3
		Jagtap Tushar Hanumant					
		Sakhare Aniket Anil					
7	Rose Plant Disease & Pest Detection Using Image Processing	Jawale Shabana Ibrahim	Signal Processing	Algorithm oriented	Dr. S. A. Bhisikar	scope in solving problems in agriculture	PO1 to PO12, PSO1 to PSO3
		Gurude Poonam Tanaji					
		Kattirsitti Vidushi Govindrao					
8	Home automation system for physically disabled peoples.	Kadam Prital Hanamant	Embedded System	Social Concerned	Mrs. K. V. Fale	It is useful for physically impaired persons.	PO1 to PO12, PSO1 to PSO3
		Biradar Rohini Sopanrao					
		Jyoti Ganesh Kumbhar					
9	Shopping guide for mall using image processing	Tikate Susmita Subhash	Signal Processing	Algorithm oriented	Mrs. S. A. Paithane	It is helpful to society	
		Shedge Suraj Suresh					

		Mitali Ramchandra Panchal					PO1 to PO12, PSO1 to PSO3
10	Traffic controlling using movable road dividers.	Patil Komal Vilas Satpute Shradha Rajendra Zende Rutuja Sunil	Embedded System	Product	Dr. S. C. Wagaj	It is helpful to society	PO1 to PO12, PSO1 to PSO3
11	FPGA Implementation and analysis of RC7 algorithm	Vibhute Shubham Shivkumar Gaikwad Amol Kailas Raibhole Vijay Ramesh	Embedded System	Algorithm oriented	Mr. S. C. Wagaj	It can be used to provide security.	PO1 to PO12, PSO1 to PSO3
12	Smart city rain water harvesting	Nikumbh Jayesh Ishwar Mitkari Shashank Anil Kulkarni Mayuresh Sadanand	Embedded System	Social Concerned	Dr. C. V. Rane	It is helpful to society	PO1 to PO12, PSO1 to PSO3
13	Third eye for blind people.	Undre Priyanka Manikrao Yadav Bhumika Sunil Thorat Suraj Sunil	Embedded System	Social Concerned	Mr. A. D. Sonawane	It is useful for physically impaired persons.	PO1 to PO12, PSO1 to PSO3
14	Human Stress Detection	Bhong Nikita Sahadev Chavan Kshitija Sharadchandra Gadahire Priya Bibhishan	Signal Processing	Social Concerned	Dr. A. N. Paithane	It is helpful to society	PO1 to PO12, PSO1 to PSO3
15	Weed detection and removal in agriculture using image processing technology.	Chougule Shreya Ashok Deshmukh Manasi Santosh Gawade Vaishali Vasant	Signal Processing	Social Concerned	Dr. Tanuja Dhope	scope in solving problems in agriculture	PO1 to PO12, PSO1 to PSO3
16	Automatic Facial Expression Recognition Using Features of Salient Facial Patches	Malawade Kimaya Santosh Babar Priyanka Ashok Mokashi Saurabh Sanjay	Signal Processing	Algorithm oriented	Mrs. S. A. Paithane	It is used in security basec applications.	PO1 to PO12, PSO1 to PSO3
17	Design of garbage collection robot using wireless technology.	Patwari Ajay Ramesh Godamgave Bhimrao Digamber- rao Kudlikar Atharva Mahesh	Embedded System	Social Concerned	Ms. S. A. Sonawane	It is helpful to society	PO1 to PO12, PSO1 to PSO3
18	Structural health monitoring system for monuments.	Shetkar Mohini Kalidas Manthan Shankar Zunjare Dahibhate Jayant Gopal	Embedded System	Social Concerned	Ms. S. A. Sonawane	It is helpful to society	PO1 to PO12, PSO1 to PSO3
19	Development of BOT for rail road track fault detection	Dhawale Pranav Chandrakant Idalgave Ajinkya Vijay	Embedded System	Product	Dr. P. M. Ghate	It is helpful to society	PO1 to PO12, PSO1 to PSO3
20	Real time fuel monitoring system.	Patil Kalyani Dilip Rotke Akash Avdhut Shrusti Damodar Burde	Embedded System	Application oriented	Mrs. S. D. Kale	It is helpful to society	PO1 to PO12, PSO1 to PSO3
21	Speech to text writing pen using CNC plotter	Panchal Shubham Bapurao Dikkar Vaishnavi Vijay Chapole Pooja Omprakash	Signal Processing	Application oriented	Dr. S. A. Bhisikar	It is used in advancement.	PO1 to PO12, PSO1 to PSO3
22		Borhade Pranjal Kaluram	Embedded System	Social Concerned	Mr. R. S. Bulbule	It is useful for ecosystem.	

	IoT based real time air pollution monitoring system	Doiphode Pragati Hanumant Bukke Shivani Shivling					PO1 to PO12, PSO1 to PSO3
23	IoT based crop monitoring agriculture system with leaf disease detection using image processing(orange)	Gore Gargi Nitin Pawar Vishakha Vishwakumar	Signal Processing	Social Concerned	Dr. S. A .Bhisikar	scope in solving problems in agriculture	PO1 to PO12, PSO1 to PSO3
24	Wireless electricity	Ankit C Hiremath Hatolkar Ajinkya Nishikant Sanjyot Sanjaykumar Latange Inamdar Pooja Sushil	Embedded System	Product	Mr. A. V. Jawke	It is advancement in electrical field.	PO1 to PO12, PSO1 to PSO3
25	Bridge monitoring system and Alert generation system using IoT	Kadam Sejal Pramod Meghna Shankar Mrunal Prashant Dhekne	Embedded System	Application oriented	Mrs. S. P. Vibhute	It is helpful to society	PO1 to PO12, PSO1 to PSO3
26	IoT based home automation system using FPGA	Saisha Singne Sanya Upadhyay More Pooja Nagraj	Automation	Social Concerned	Mr. S. C. Wagaj	It is helpful to society	PO1 to PO12, PSO1 to PSO3
27	Fall detection system for elderly person.	Jadhav Sayali Dilip Jadhav Snehal Dinkar Parkhe Apurva Milind	Signal Processing	Social Concerned	Mrs. S. P. Vibhute	It is useful for senior citizens	PO1 to PO12, PSO1 to PSO3
28	IoT based smart mirror.	Gundecha Mohit Rajendra Khade Rahul Raghunath Deshpande Shruti Shailendra	Software	Application oriented	Mr. R. S .Bulbule	It is smart supporting tool for day to day life.	PO1 to PO12, PSO1 to PSO3
29	Redesigned drone for rapid response	Deshmane Ankita Rajkumar Khedkar Manasi Makarand Biradar Shivpratap Ashokrao	Embedded System	Application oriented	Dr. P. M. Ghate	It is advancement in drone industry	PO1 to PO12, PSO1 to PSO3
30	Car washing system using robotics	Rutuja Satish Mane Panbude Unmesh Ramakant Potdar Prasad Atul Jundale Somshekhar Subhash	Automation	Application oriented	Dr. S. C. Patil	It is advancement in automation.	PO1 to PO12, PSO1 to PSO3
31	An advanced IoT based food quality monitoring approach using low cost sensor.	Thorat Tejashree Krishna Toge Amit Dnyandev Yawale Ankita Madhukar	Automation	Application oriented	Mrs. S. D. Kale	It is helpful to society	PO1 to PO12, PSO1 to PSO3
32	Automated security system for buildings.	Rajpurohit Parth Shekhar Shukla Pritam Harishchandra Solanki Dhiraj Thanaram	Automation	Social Concerned	Dr. C.V.Rane	It is helpful to society	PO1 to PO12, PSO1 to PSO3
33	Detection of eye retinal diseases (Diabetic Retinopathy.)	Singh Aditipriya Chandrakant Goni Sharma Nair Priyanka Achuthan	Signal Processing	product	Ms. S. G. Bhingardive	It is used in medical filed.	PO1 to PO12, PSO1 to PSO3
34	Melanoma skin cancer detection using svm	Shinde Yogesh Shamrao Doke Sandip Sanjay Sunny Bazaz	Signal Processing	Algorithm oriented	Ms. S. G. Bhingardive	It is used in medical filed.	PO1 to PO12, PSO1 to PSO3

35	Design and Development of Drone for Agricultural Applications	Berad Shubham Laxmikant	Embedded System	Application oriented	Dr. A. N. Paithane	scope in solving problems in agriculture	PO1 to PO12, PSO1 to PSO3
		Kinge Ankush Kishor					
		Lakade Rushikesh Navanath					
		Narkhede Prasad Sanjay					
36	solar panel automated cleaning system	Kumbhar Atharva Dattatray	Embedded System	Algorithm oriented	Mr. A. V. Jawke	It is energy and power saving system.	PO1 to PO12, PSO1 to PSO3
		Kate Akshay Sanjay					
		Lande Ninad Hemant					
37	Speech recognition & synthesis system	Jagtap Vaibhav Dinkar	Signal Processing	Algorithm oriented	Ms. P. V. Gujarathi	It is useful for physically impaired persons.	PO1 to PO12, PSO1 to PSO3
		Bhambure Shivam Sunil					
		Tapse Krishna Dhananjay					
38	IoT based intelligent transmission line fault detection and indication system.	Sonkamble Amol Sharad	Embedded System	Application oriented	Mr. A. D. Sonawane	It is advancement in transmission line system.	PO1 to PO12, PSO1 to PSO3
		Shinde Vishwajeet Balaji					
		Malwade Indrajit Bhagawat					
39	Gesture controlled pick and place robot.	Reshma Sayyed Muneer	Embedded System	product	Mr. R. V. Ghodchar	It is advancement in automation.	PO1 to PO12, PSO1 to PSO3
		Sri Padmapriya Murali Iyengar					
		Deokar Unnati Dilipkumar					
40	IoT based automatic Bottle filling system using Arduino	Sonawane Nikita Nimba	Automation	Application oriented	Mrs. K. V. Fale	It is advancement in automation.	PO1 to PO12, PSO1 to PSO3
		Kamble Saurabh Praphull					
		Aditi Sunil More					
41	Development and monitoring of hydroponics using IoT	Dhage Neha Kailas	Automation	Application oriented	Mr. Rahul Jain	It can be used in agriculture industry	PO1 to PO12, PSO1 to PSO3
		Dalimbkar Prajakta Ganesh					
		Jangwad Pranita Anil					
42	Mobile Swarm Robots using WIFI	Pathan Salman Jahangir	Embedded System	Product	Mr. R. S. Bulbule	It is advancement in automation.	PO1 to PO12, PSO1 to PSO3
		Bharambe Bharat Dhananjay					
		Chaudhary Saurav Snehasis					
43	Embedded personalized Stress detection	Anmol Sayan	Embedded System	Application oriented	Dr. C. V. Rane	It can be used in health care.	PO1 to PO12, PSO1 to PSO3
		Ghadge Shantanu Pramodrao					
		Dhore Nikita Nitin					
44	Agricultural plant monitoring using Raspberry Pi.	Ambulkar Gaurav Sudhir	Embedded System	Social Concerned	Mr. R. V. Ghodchar	scope in solving problems in agriculture	PO1 to PO12, PSO1 to PSO3
		Amol Ghanashyam Mahajan					
		Mandade Akash Vikram					
45	River cleaning roboast.	Chothe Abhishek Sanjay	Embedded System	Social Concerned	Mrs. V. S. Kulkarni	It is useful for ecosystem.	PO1 to PO12, PSO1 to PSO3
		Natekar Sagar Bhaskar					
		Jadhav Akash Sudam					
		Narkhede Suyog Hemraj					
46	Fish talk-An IoT based interactive framework	Bhavsar Dinesh Sunil	Software	Product	Dr. Tanuja Dhope		PO1 to PO12, PSO1 to PSO3
		Karche Rushikesh Pandurang					
		Kivande Vishvajeet Venkatrao					
47	Web filtering techniques using facial recognition method.	Motwani Mihir Arun	Signal Processing	Algorithm oriented	Mr. R. S. Bulbule		PO1 to PO12, PSO1 to PSO3

48	Optical character recognition	Konke Govind Venkati	Signal Processing	Algorithm oriented	Dr. P. M. Ghatе	It is recognition system	PO1 to PO12, PSO1 to PSO3
		Kamble Pravin Prakash					
		Rathod Snehal Limbajirao					
		Zade Abhay Digambar					