

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

(Autonomous College Affiliated to University of Mumbai)

**Department of Electronics & Telecommunication****Project List 2016-18**

<b>Sr No</b>	<b>Roll No</b>	<b>Name of the Student</b>	<b>Title</b>	<b>Thrust area</b>	<b>Internal /External</b>	<b>Affiliation</b>	<b>Guide / Mentor</b>
1	1600301	Vibhuti Dhananjay Bagul	6kW 2:1 VHF Pulsed Power Combiner for Solid State Amplifier	Microwave Engineering	Mrs. Jyoti Varavdekar	Faculty EXTC	Mrs. Jyoti Varavdekar
2	1603002	Vishal Dineshkumar Boricha	20 kW 4:1 VHF pulsed RF Power Combiner for solid state amplifier	Microwave Engineering	Mrs. Ruchira Jadhav	Faculty EXTC	Mrs. Ruchira Jadhav
3	1603003	Pranali Dhekale	A Robust Image Watermarking scheme using DWT, DCT and SVD for Copyright Protection	Communication systems	Dr. Ramesh Karandikar	Faculty EXTC	Dr. Ramesh Karandikar
4	1603004	Dube Shamlesh Uttam Ranjana	Image Processing	Image Processing	Dr. Ameya Naik	Faculty EXTC	Dr Ameya Naik
5	1603005	Sailee Ghodekar	Image processing based Brain tumor classification	Image Processing	Dr. Ameya Naik	Faculty EXTC	Dr. Ameya Naik
6	1603006	Neha Jadhav	Image Copyright Protection using Robust Blind Watermarking Technique	Image Processing	Mr. Nitin Nagori	Faculty EXTC	Mr. Nitin Nagori
7	1603007	Harshal Jagtap	Miniaturisation of sensor for moisture measurement using lens antenna	Wireless communication and Antenna	Mrs. Bharati Singh	Faculty EXTC	Mrs. Bharati Singh

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8	1603008	Kasliwal Siddhant Santosh Asha	Image Processing	Image Processing	Mrs. J. M. Varavadekar	Faculty EXTC	Mrs J. M. Varavadekar
9	1603009	Harshal Motilal Khairnar	Avr Based Soil Nutrient Analyzer And Fertilizer Dispenser System	Embedded Systems	Mrs. S. S. Kulkarni	Faculty EXTC	Mrs. S. S. Kulkarni
10	1603010	Suyog Parab	Retinal Vessel Segmentation using Deep Neural Network	Machine learning	Mrs. Jayshree M Kundargi	Faculty EXTC	Mrs. Jayshree M Kundargi
11	1603011	Ripa Parikh	Analysis of a Spiralled Swastika Slotted Antenna	Antenna	Mrs Bharati Singh	Faculty EXTC	Mrs. Bharati Singh
12	1603012	Harshal Patil	Performance evaluation of fingerprint- matching system using a combination of local feature detectors and SIFT	Image Processing	Dr. Ameya Naik	Faculty EXTC	Dr. Ameya Naik
13	1603013	Pawar Ajay Suresh Nanda	Image Processing	Image Processing	Mrs. S. S. Mahajan	Faculty EXTC	Mrs. S. S. Mahajan
14	1603014	Mugdha Dilip Pilankar	Image Registration Using Particle Filter	Machine learning	Mrs. R. A. Deshpande	Faculty EXTC	Mrs. R.A. Deshpande

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15	1603015	Krunal Kiran Sapte	Extraction of Object Skeleton from Natural Images in Convolutional Neural Networks	Image Processing	Mrs. Jayshree Kundargi	Faculty EXTC	Mrs. Jayshree Kundargi
16	1603016	Shaikh Shoeb Ahmed Mohamed Hanif Kausar Parveen	Image Processing	Microwave Engineering	Mr. N. S. Nagori	Faculty EXTC	Mr. N. S. Nagori
17	1603017	Wagh Ajit Ankush Kalpana	Microwave Engineering	Image Processing	Mr. D. P. Kulkarni	Faculty EXTC	Mr. D. P. Kulkarni
18	1603018	Yadav Vivek Lalbahadur Sudama	Image Processing	Image Processing	Mrs. R. A. Deshpande	Faculty EXTC	Mrs. R. A. Deshpande