

<b>Patents Obtained &amp; filed (process and product)</b>				
<b>Sr.No</b>	<b>Name</b>	<b>Title of Patent</b>	<b>Application No.</b>	<b>Patent No.</b>
1	Dr.R.J.Dhokne	Naphthalene doped Polystyrene Packaging Material	2501/MUM/2012	291615
2	Dr.V.R.Kinhikar	Solar battery for mobile phones	3484/MUM/2014	Published
3	Ms. Sheeja Suresh	Equipment for solar based Portable Physiotherapy Machine	201821041166	
4	Mr. Tushar Muratkar	Apparatus for Conditions Monitoring and Controlling System	201821041172	
5	Ms. Bhawana Pardhi	Equipment for Kerosene Distribution System Using Biometric Sensor	201821041174	

**Copyright 2017-18**

**Electrical Engineering Department**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Title</b>	<b>Dairy No.</b>
1	Dr. M.B Daigavane	Speed control of Induction motor drive using universal controller	6523/2018-CO/L
2	Prof M.J Katira	Electronic devices and circuits	3795/2018-CO/L
3	Prof M.J Katira	Power Electronics	6449/2018-CO/L
4	Prof M.J Katira	Speed control of AC Motor by Voltage source Inverter using SPWM Technique	6231/2018-CO/L
5	Prof M.J Katira	A New Developed Multilevel Inverter with reduced number of switches circuits	4462/2018-CO/L
6	Prof M.J Katira	High Power Factor AC-DC Converter without PFC-Regulator	6380/2018-CO/L

7	Prof M.J Katira	Implementation of Induction Motor speed Monitoring using Android Application	4550/2018-CO/L
8	Prof M.J Katira	Digital Control strategy for four quadrant matrix inverter to control speed of Three phase BLDC Motor	6254/2018-CO/L
9	Prof M.J Katira	AC to DC Converter	9457/2018-CO/L
10	Prof Sachin Wadhankar	Solar Enrgy harvesting using MPPT with Efficient Battery Charging Management	6452/2018-CO/L
11	Prof Rashmi Phasate	Solar Powered cooling and utility umbrella	7880/2018-CO/L
12	Prof Rajshree Thakre	To design DC-DC Converter with two Input boost stages to achieve High voltage gain	7852/2018-CO/L
13	Prof Anshu Choudhary	SPWM Modulated DSTATCOM Based on Two Level Neutral Converter for the improvement of Power Quality	6194/2018-CO/L
14	Prof Varsha Lanjekar	Highly efficient two inductor boost converter for solar power application	7196/2018-CO/L
15	Prof Priti Bawankule	Design of Solar panel for AC Voltage generation	6647/2018-CO/L
16	Prof Khushbu Patil	An IGBT based circuitry for dimming of compact fluorescent lamp using MATLAB	6166/2018-CO/L
17	Prof Devesh Sarkar	Parameters of Solar PV Installation	6196/2018-CO/L

**Copyright 2018-19**

**Electrical Engineering Department**

Sr. No.	Name of Faculty	Title	Dairy No.
1	Prof M.J Katira	Electronic Devices and Circuits	11065/2018-CO/L
2	Prof M.J Katira	AC to DC Converter	9457/2018-CO/L
3	Prof Devesh Sarkar	Simulation of The System of Solar PV With Source Feeding Supply to 3 Phase Induction Motor	13265/2018-CO/L

### Computer Science and Engineering 2018-19

Sr.No	Name of Faculty	Title	Dairy No
1	Ms.Antara Bhattacharya	Poster on “ Multidocument Summarizations Using Data Merging Technique	13434/2018-CO/L
2	Mr.Ravindra Kale	Poster on “ Smart Helmet for Coal Mine”	13541/2018-CO/L
3	Mr.Rahul Suryawanshi	PPT on “ Removal of Left recursion In LL(1)	13432/2018-CO/L
4	Mr.Sachin Patil	Poster on “Digital Data transmission Techniques”	13729/2018-CO/L
5	Ms.Radhika Raje	Poster on “Efficient Routing in WSN Using Fuzzy Based Trust Model”	13439/2018-CO/L
6	Ms.Preeti Thakre	Poster on “Optimization of Bandwidth consuming Storage Overhead using VM Live Migration”	13579/2018-CO/L
7	Ms.Hemlata Dakhore	PPT on “Introduction Distributed System”	14214/2018-CO/L

### Electronics and Telecommunication Department 2018-19

Sr. No.	Name of Faculty	Title	Dairy No.
1	Ms. Priyanka N. Chopkar	Advanced Digital System Design	13451/2018-CO/L
2	Mr. Tushar S. Muratkar	Electronic Devices & Circuits	14594/2018-CO/L
3	Ms. Bhawana Pardhi	Microprocessor & Microcontroller	14589/2018-CO/L
4	Mr. Ashish R. Zade	Analog Circuit Design	16136/2018-CO/L

First Year Department

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Title</b>	<b>Dairy No.</b>
1	Dr S S Raut(Khekare)	Global Analysis of an SIR Epidemiological Model	10950/2018-CO/L
2	Dr K V Sharma	Long Lasting Luminescence in SR8S14012CLB:EU2+	10958/2018-CO/L