

BHARATI VIDYAPEETH
(DEEMED to be UNIVERSITY)

COLLEGE OF ENGINEERING, PUNE

Department of Electronics & Communication Engineering

Summary of Research Patents (2016-17 to 2020-21)

Sr. No.	Year	Name of the faculty	Patent Title	Patent Application No.	Filed Date	Published Date
1.	2020-21	Dr. S. P. Gaikwad	A Method for Enhancing and Estimating Lifetime of Wireless Ad Hoc Network	202021003501	27/01/2020	16/10/2020
2.	2019-20	Mrs. H. V. Mhetre	Integrated Electronics Gaugeate Power bank.	201911035615	04/09/2019	20/09/2019
3.	2019-20	Mrs. H. V. Mhetre	Intelligent two-wheeler manage & Controller by Mobile	201911032736	13/08/2019	23/08/2019
4.	2016-17	Dr. S. P. Gaikwad	Five Port Optical Router for Optical Network on Chip Applications	201621017235	19/05/2016	15/07/2016
5.	2015-16	Prof Mrs. A. A. Shinde	Voice controlled home automation system	201621045104	30/12/2016	In process
6.	2015-16	Prof Mrs. M. S Chavan	Smart real-time pollution monitoring and controlling system using FPGA and android	201621045103	30/12/2016	In process
7.	2015-16	Prof Mrs. M. S Chavan	Detection of moving object using background subtraction in CWT domain	201621045099	30/12/2016	In process
8.	2015-16	Prof. N. T. Markad	High gain circular polarized patch antenna using gap coupled parasitic patch configuration for wireless application	201621045098	30/12/2016	In process

Patent Granted:

Patent is granted by the Patent Office, Govt. of India on 28/07/2021 on "A Microcontroller Based Precision Agriculture System and A Method Thereof" to the Bharati Vidyapeeth (Deemed to be University) College of Engineering and the work has been carried out in department of Electronics and Communication Engineering.