

**BHARATI VIDYAPEETH**  
**(DEEMED to be UNIVERSITY)**

**COLLEGE OF ENGINEERING, PUNE**

**Department of Electronics & Communication Engineering**

**Summary of Research Patents (2016-17 to 2022-23)**

<b>Sr. No.</b>	<b>Year</b>	<b>Name of the faculty</b>	<b>Patent Title</b>	<b>Patent Application No.</b>	<b>Filed Date</b>	<b>Published Date</b>
1.	2022-23	Mrs. S. K. Pawar	Secret key management for distributed wireless sensor network	202211053605	19/09/2022	23/09/2022
2.	2022-23	Dr. Meena Chavan	Bigdata Technique for customer relationship management to improve customisation services	202221028456	18/05/2022	03/06/2022
3.	2021-22	Dr. Tanuja S. Dhope	Sequential touch based text and audio conversion system with artificial intelligence in Hindi Unicode for blind community	2021104954	03/01/2022	18/03/2022
4.	2021-22	Mr. H.S. Hemane	Diagnosing Bone Cancer Using Machine Learning Technology	202221013665	14/03/2022	25/03/2022
5.	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
6.	2019-20	Mrs. H. V. Mhetre	Integrated Electronics Gaugeate Power bank.	201911035615	04/09/2019	20/09/2019
7.	2019-20	Mrs. H. V. Mhetre	Intelligent two-wheeler manage & Controller by Mobile	201911032736	13/08/2019	23/08/2019

8.	2018-19	Meena Chavan	A system for monitoring atmospheric pollution	201621045103	30/12/2016	06/07/2018
9.	2018-19	Meena Chavan	A method of detecting a moving object	201621045099	30/12/2016	06/07/2018
10	2016-17	Dr. S. P. Gaikwad	Five Port Optical Router for Optical Network on Chip Applications	201621017235	19/05/2016	15/07/2016