

**BHARATI VIDYAPEETH**  
**(DEEMED TO BE UNIVERSITY)**  
**COLLEGE OF ENGINEERING, PUNE 411043**



**Summary of Patents Filed/Published/Granted**

**Academic Year 2011-12 to 2021-22**

<b>Sr. No.</b>	<b>Year</b>	<b>No. of patents filed</b>	<b>No. of patents published in the said academic year</b>	<b>No. of patents granted in the said academic year</b>
1.	2021-22	01	00	02
2.	2020-21	00	02	01
3.	2019-20	02	00	01
4.	2018-19	01	09	00
5.	2017-18	00	03	00
6.	2016-17	10	01	00
7.	2015-16	02	01	00
8.	2014-15	00	01	00
9.	2013-14	00	02	00
10.	2012-13	04	01	00
11.	2011-12	02	00	00
	<b>Total</b>	<b>22</b>	<b>20</b>	<b>04</b>

**Academic Year 2021-22**

<b>Sr. No</b>	<b>Title of Invention</b>	<b>Applicant name</b>	<b>Inventor name</b>	<b>Patent ID Filed date Publication date</b>	<b>Status (Filed/ Published/ Granted)</b>
1.	Ultrasonic Curcumin Extraction	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Rakhunde Dattatray and Dr. Sunita Jadhav	202121044683 Filed on: 01/10/2021	Filed

**Academic Year 2019-20**

<b>Sr. No</b>	<b>Title of Invention</b>	<b>Applicant name</b>	<b>Inventor name</b>	<b>Patent ID Filed date Publication date</b>	<b>Status (Filed/ Published/ Granted)</b>
1.	Disinfectant Nanofibers	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Dr. Sachin Chavan Dr. Yogesh Chendake Dr. Anand Bhalerao Bansode S G Gund Sailee	202021023810 Filed on: 6/06/2020	Filed
2.	A Process for Preparing an Ultrafiltration Membrane for Separation of Heavy Metals	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Dr. Yogesh Chendake Dr. Sachin Chavan Dr. Anand Bhalerao	201921032915 Filed on: 14/08/2019 Published on: 19/02/2021	Published

**Academic Year 2018-19**

<b>Sr. No</b>	<b>Title of Invention</b>	<b>Applicant name</b>	<b>Inventor name</b>	<b>Patent ID Filed date Publication date</b>	<b>Status (Filed/ Published/ Granted)</b>
1	A Mist Cooler for Humidification	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Dr. R. N. Patil	201921020787 Filed: 25/05/2019 Published on: 27/11/2020	Published

**Academic Year 2016-17**

<b>Sr. No</b>	<b>Title of Invention</b>	<b>Applicant name</b>	<b>Inventor name</b>	<b>Patent ID Filed date Publication date</b>	<b>Status (Filed/ Published/ Granted)</b>
1	A Plastic Shredder Machine	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Dr. R. N. Patil	201621021315 Filed on-21/6/2016 Published on-22/12/2017 Granted date: 18/05/2020	Granted
2.	An Airfoil for A Blade of a Wind Turbine	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Dr. K. B. Sutar	201621025413 Filed on-25/07/2016 Published on-26/01/2018	Published
3.	A Capacitor and a Method Therefore	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Priti M. Kadam & Prof. R. M. Holmukhe	201621045101 Filed on-30/12/2016 Published on-06/07/2018	Published
4.	A Furnace for Heating Materials	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Nikhil D. Salunkhe and Dr. P. B. Karandikar	201621045100 Filed on-30/12/2016 Published on-06/07/2018	Published
5.	A System for Monitoring Atmospheric Pollution	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Ms. Vidya Khobare & Prof. Meena Chavan	201621045103 Filed on-30/12/2016 Published on-06/07/2018	Published
6.	A Method for Detecting a Moving Object	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Shital S. Mulik and Prof. Meena Chavan	201621045099 Filed on- 30/12/2016 Published on-06/07/2018	Published

7.	A Method for Preparing a Micro Strip Patch Antenna	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Madhuri D. Mandal And Prof. N. T. Markad	201621045098 Filed on- 30/12/2016 Published on-06/07/2018	Published
8.	A System for Determining Performance Parameters of a Cam Follower Mechanism	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Mohammed Irfan Shamshoddin Pathan & Prof. S. R. Pawar	201621045105 Filed on-30/12/2016 Published on-06/07/2018	Published
9.	A Method for Performing Steganography	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Dipali Suryawanshi & Prof. S. S. Belsare	201621045102 Filed on-30/12/2016 Published on-06/07/2018	Published
10.	A System and A Method for Controlling at least one Device using Voice Recognition	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Archana Suryawanshi & Dr. Mrs. A. A. Shinde	201621045104 Filed on-30/12/2016 Published on-06/07/2018	Published

### Academic Year 2015-16

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID Filed date Publication date	Status (Filed/ Published/ Granted)
1.	A multi processor computation system	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Mr. Naveen Kumar Jaykumar	3512/Mum/2015 Filed On-14/08/2015 Published On-17/03/2017 Granted On: 19/03/2021	Granted
2.	Composite Road Divider and A Method of Manufacturing the Same	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Dr. Anand Bhalerao Dr. Sachin Chavan	201621010253, Filed on-23/03/2016 Published on-7/11/2017 Granted on: 30/7/2021	Granted

### Academic Year 2012-13

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID Filed date Publication date	Status (Filed/ Published/ Granted)
1.	Integrated Micro Grid Power System	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Mr. Datta S. Chavan Mr. Himanshu Naik	873/MUM/2013 Filed on-20/03/2013 Published on-10/07/2015	Published
2.	Method for determining optimum joinery for two or more elements	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Satish Kadam Prachi Dixit	1761/MUM/2012 Filed on- 19/06/2012 Published on-21/02/2014	Published
3.	Variable speed wind turbines with doubly fed induction generator and analysis of dynamic behavior thereof	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Mr. Datta S. Chavan	498/MUM/2013 Filed on- 20/02/2013 Published on-28/11/2014	Published
4.	A greenhouse environmental control system	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Nitin Dawande and Vinod Mulik	1475/MUM/2013 Filed on- 22/04/2013 Published on-17/04/2014	Published

### Academic Year 2011-12

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID Filed date Publication date	Status (Filed/ Published/ Granted)
1.	A microcontroller based precision agriculture system and a method thereof.	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Mrs. Swati Kulkarni	3520/MUM/2011 Filed on- 14/12/2011 Published on-28/06/2013 Granted on: 28/07/2021	Granted

2.	An FPGA based automated crop control system and method thereof	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	Mr. Vinod Mulik Mr. Nitin Dawande	3521/MUM/2011 Filed on- 14/12/2011 Published on-28/06/2013	Published
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