

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



Summary of Patents Filed/Published/Granted

Academic Year 2011-12 to 2023-24

Sr. No.	Year	No. of patents filed	No. of patents published in the said academic year	No. of patents granted in the said academic year
1.	2023-24	05	03	05
2.	2022-23	04	03	04
3.	2021-22	04	05	02
4.	2020-21	00	02	01
5.	2019-20	02	00	01
6.	2018-19	01	09	00
7.	2017-18	00	04	00
8.	2016-17	10	00	00
9.	2015-16	02	01	00
10.	2014-15	00	01	00
11.	2013-14	00	02	00
12.	2012-13	04	01	00
	2011-12	02	00	00
	Total	34	32	13

Academic Year 2023-24

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID	Filed Date	Publication Date	Granted Date	Status (Filed/ Published/ Granted)
1	Optical Sensor for Detection of Multiple Components of Blood	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Pooja Vikrant Deshmukh, Dr. Shruti K. Oza	202321089777	29-12-2023	-	-	Filed
2.	A Handheld Device for Billing and inventory Management	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Ashutosh Seth, Prof. Namita K. Shinde, Prof. Priyanka Paygude	202321089779	29-12-2023	-	-	Filed
3.	An Apparatus and Process for Cell Sorting with Dual Non-Uniform Electric Field And Frequency Modulation	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Prof. Swapnil Arun Namekar, Prof. Dr. Deepak Shankarrao Bankar	202321081513	30/11/23	12/01/2024	-	Published
4.	Smart Mirror System (1) With Infrared Blaster	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Shivam Yadav, Dr. Manisha Kasar, Priyanka Paygude	202321081395	30/11/23	22/12/2023	-	Published
5.	A method for securing data in a binary image	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Mrs. Gyankamal Chhajed, Dr. Bindu R. Garg	202321081308	30/11/23	22/12/2023	-	Published

Academic Year 2022-23

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID	Filed Date	Publication Date	Granted Date	Status (Filed/ Published/ Granted)
1.	A System for Removal of Dispersed Yellow Dye from A Dye Solution	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Niraj S. Topare and Dr. Sunita Jadhav	202221070879	08-12-2022	30/12/2022	-	Published
2.	A Root Canal Obturation (RCO) System	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Dr. P. V. Jadhav and Mr. Swanand Pachpore	202221038923	06-07-2022	22/07/2022	-	Published
3.	A System for Degradation of Rhodamine B dye solution in Wastewater	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Kavita Kulkarni	202221072299	14/12/2022	23/12/2022	09/08/2023	Granted
4.	Nano Particle Doped Polycarbonate Sheets for Temperature Control of Polyhouse	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Mr. Sachin Shankarrao Chavan, Mr. Aniket Sanjay Jadhav, Mr. Yogesh Jayasing Chendake and Dr. Israr Ahmed Shaikh	202321043714	29-06-2023	15/09/2023	-	Published

Academic Year 2021-22

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID	Filed Date	Publication Date	Granted Date	Status (Filed/ Published/ Granted)
1.	A Method for Extracting Curcumin from Turmeric	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Rakhunde Dattatray and Dr. Sunita Jadhav	202121044683	01-10-2021	29/10/2021	-	Published
2.	A Method for Analyzing Sentiment of a Text	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Goud, Anushree, Dr. Bindu Garg	202121048390	23-10-2021	29/10/2021	-	Published
3.	A Microstrip Antenna	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Kango Mugdha, Dr. Oza Shruti	202121052595 Filed on: Published on:	16-11-2021	26/11/2021	08/03/2024	Granted
4.	Enhancement in material removal rate and hole quality of titanium aluminide (light weight high strength temperature resistance) material using hybrid ultrasonic assisted pulse electrochemical machining process for industrial application.	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Dr. Dattatray Bhagawan Jadhav, Prof. D. S. Bilgi, Prof. Pradeep V. Jadhav, Prof. Pradeep V. Jadhav, Prof. Dr. Dinesh Namdevrao Kamble and Prof. Aniket Baburao Pawar	202221017052	25/03/2022	15/04/2022	-	Published

Academic Year 2019-20

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID	Filed date	Publication date	Granted Date	Status (Filed/ Published/ Granted)
1.	Disinfectant Nanofibers	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Dr. Sachin Chavan, Dr. Yogesh Chendake, Dr. Anand Bhalerao, Bansode S G, Gund Sailee	202021023810	6/06/2020	07/01/2022	-	Published
2.	A Process for Preparing an Ultrafiltration Membrane for Separation of Heavy Metals	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Dr. Yogesh Chendake Dr. Sachin Chavan Dr. Anand Bhalerao	201921032915	14/08/2019	19/02/2021	29/09/2022	Granted

Academic Year 2018-19

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

Academic Year 2016-17

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID	Filed date	Publication date	Granted Date	Status (Filed/ Published/ Granted)
1	A Plastic Shredder Machine	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Dr. R. N. Patil	201621021315	21/6/2016	22/12/2017	18/05/2020	Granted
2.	An Airfoil for A Blade of a Wind Turbine	Bharati Vidyapeeth Deemed University College of Engineering Pune	Dr. K. B. Sutar	201621025413	25/07/2016	26/01/2018	21/09/2023	Granted
3.	A Capacitor and a Method Therefore	Bharati Vidyapeeth University College of Engineering	Priti M. Kadam & Prof. R. M. Holmukhe	201621045101	30/12/2016	06/07/2018	-	Published
4.	A Furnace for Heating Materials	Bharati Vidyapeeth University College of Engineering	Nikhil D. Salunkhe and Dr. P. B. Karandikar	201621045100	30/12/2016	06/07/2018	-	Published
5.	A System for Monitoring Atmospheric Pollution	Bharati Vidyapeeth University College of Engineering	Ms. Vidya Khobare & Prof. Meena Chavan	201621045103	30/12/2016	06/07/2018	26/04/2023	Granted
6.	A Method for Detecting a Moving Object	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Shital S. Mulik and Prof. Meena Chavan	201621045099	30/12/2016	06/07/2018	-	Published
7.	A Method for Preparing a Micro Strip Patch Antenna	Bharati Vidyapeeth University College of Engineering, Pune	Madhuri D. Mandal And Prof. N. T. Markad	201621045098	30/12/2016	06/07/2018	-	Published
8.	A System for Determining Performance Parameters of a Cam Follower Mechanism	Bharati Vidyapeeth University College of Engineering	Mohammed Irfan Shamshoddin Pathan & Prof. S. R. Pawar	201621045105	30/12/2016	06/07/2018	10/01/2024	Granted

9.	A Method for Performing Steganography	Bharati Vidyapeeth University College of Engineering	Dipali Suryawanshi & Prof. S. S. Belsare	201621045102	30/12/2016	06/07/2018	-	Published
10	A System and A Method for Controlling at least one Device using Voice Recognition	Bharati Vidyapeeth University College of Engineering	Archana Suryawanshi & Dr. Mrs. A. A. Shinde	201621045104	30/12/2016	06/07/2018	-	Published

Academic Year 2015-16

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

Academic Year 2012-13

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID	Filed date	Publication date	Granted Date	Status (Filed/ Published/ Granted)
1.	Integrated Micro Grid Power System	Bharati Vidyapeeth Deemed University	Mr. Datta S. Chavan Mr. Himanshu Naik	873/MUM/2013	20/03/2013	10/07/2015	10/10/2022	Granted
2.	Method for determining optimum joinery for two or more elements	Bharati Vidyapeeth	Satish Kadam Prachi Dixit	1761/MUM/2012 Filed on- Published on-	19/06/2012	21/02/2014	-	Published

		Deemed University						
3.	Variable speed wind turbines with doubly fed induction generator and analysis of dynamic behavior thereof	Bharati Vidyapeeth University College of Engineering, Pune	Deepak Bankar	498/MUM/2013	20/02/2013	28/11/2014	18/09/2023	Granted
4.	A greenhouse environmental control system	Bharati Vidyapeeth Deemed University	Nitin Dawande and Vinod Mulik	1475/MUM/2013	22/04/2013	17/04/2014	-	Published

Academic Year 2011-12

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID	Filed date	Publication date	Granted Date	Status (Filed/ Published/ Granted)
1.	A microcontroller based precision agriculture system and a method thereof.	Bharati Vidyapeeth Deemed University	Mrs. Swati Kulkarni	3520/MUM/2011	14/12/2011	28/06/2013	28/07/2021	Granted
2.	An FPGA based automated crop control system and method thereof	Bharati Vidyapeeth Deemed University	Mr. Vinod Mulik Mr. Nitin Dawande	3521/MUM/2011	14/12/2011	28/06/2013	31/03/2023	Granted