

BHARATI VIDYAPEETH DEEMED UNIVERSITY

COLLEGE OF ENGINEERING, PUNE-411043

Summary of Patents Filed/Published/Granted

Academic Year 2011-12 to 2016-17

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.	2016-17	10	03	00
2.	2015-16	12	09	00
3.	2014-15	01	02	00
4.	2013-14	00	02	02
5.	2012-13	04	00	00
6.	2011-12	02	00	00
7.	Total	29	16	02

Academic Year 2016-17

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID Filed date Publication date	Status (Filed/ Published/ Granted)
1.	A Plastic Shredder Machine	Dr. R. N. Patil	Dr. R. N. Patil	201621021315 Filed on-21/6/2016	Filed
2.	Rogue Access Point Detection Using Multi parameter Dynamic Feature Analysis for Wireless LAN	Dr. S. B. Vanjale	Dr. S. B. Vanjale	201621035762 Filed on-19/10/2016	Filed
3.	Development of Three Electrode System for Optimizing the Parameters of Hybrid Capacitor	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Prof. R. M. Holmukhe	201621045101 Filed on-30/11/2016	Filed
4.	Innovative Approaches For Development of Carbon For Energy Storage Devices	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Dr. P. B. Karandikar	201621045100 Filed on-30/11/2016	Filed
5.	Smart Real Time Pollution Monitoring And Controlling System Using FPGA And Android	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Prof. Meena Chavan	201621045103 Filed on-30/11/2016	Filed
6.	Detection of Moving Object Using Background Subtraction In CWT Domain	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Prof. Meena Chavan	201621045099 Filed on-30/11/2016	Filed
7.	High Gain Circular Polarized Patch Antenna Using Gap Coupled Parasitic Patch Configuration For Wireless Applications	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Prof. N. T. Markad	201621045098 Filed on-30/11/2016	Filed
8.	Retrofitting Of Existing Cam Follower Mechanism For Computer Aided Kinematic Analysis	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Prof. S. R. Pawar	201621045105 Filed on-30/11/2016	Filed
9.	An Efficient Implementation Of Video Steganography On FPGA Using DWT	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Prof. S. S. Belsare	201621045102 Filed on-30/11/2016	Filed

	And LSB Algorithm				
10.	Voice Controlled Home Automation System	Bharati Vidyapeeth Deemed University College of Engineering, Pune	Dr. Mrs. A. A. Shinde	201621045104 Filed on-30/11/2016	Filed

Academic Year 2015-16

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID Filed date Publication date	Status (Filed/ Published/ Granted)
1.	Research Model Of Multiple Towers Fixing Arrangement To Assess Impact Of Wake Effect In A Wind Farm	Mr. Datta S. Chavan	Mr. Datta S. Chavan	4464/MUM/2015 Filed on 27/11/2015 Published on-18/12/2015	Published
2.	Research Model Of Adjustable Concentric Towers To Study Impact Of Tower Shadow On Flicker Initiated In Wind Turbine	Mr. Datta S. Chavan	Mr. Datta S. Chavan	4463/MUM/2015 Filed on 27/11/2015 Published on-18/12/2015	Published
3.	Laboratory Model Of Wind Turbine Blade Fitting Mechanism To Test Various Blades	Mr. Datta S. Chavan	Mr. Datta S. Chavan	4427/MUM/2015 Filed on- 25/11/2015 Published on-18/12/2015	Published
4.	All side multiple fans mechanism to test wind turbine model under turbulent condition.	Mr. Datta S. Chavan	Mr. Datta S. Chavan	4277/MUM/2015 Filed on- 09/11/2015 Published on-27/11/2015	Published
5.	Testing of wind generator research model, using bicycle and gear box for prediction of performance of onsite wind generator behaviour	Mr. Datta S. Chavan	Mr. Datta S. Chavan	3818/ MUM / 2015 Filed on- 08/10/2015 Published on-30/10/2015	Published
6.	Test set up study impact of surface roughness on voltage flicker initiated in wind turbine research model.	Mr. Datta S. Chavan	Mr. Datta S. Chavan	3819/ MUM / 2015 Filed on- 08/10/2015 Published on-30/10/2015	Published

7.	Point source of air to study impact of vertical shear on flicker initiated in wind turbine research model	Mr. Datta S. Chavan	Mr. Datta S. Chavan	3820/ MUM / 2015 Filed on- 08/10/2015 Published on-30/10/2015	Published
8.	Sliding Mechanism For Blower Fan And Wind Turbine Model To Study Impact Of Wind Shear	Mr. Datta S. Chavan	Mr. Datta S. Chavan	4586/MUM/2015. Filed on- 27/11/2015 Published on-09/06/2017	Published
9.	A multi processor computation system	Bharati Vidyapeeth University College of Engineering, Pune	Mr. Naveen Kumar Jaykumar	3512/MUM/2015 Filed on-14/08/2015 Published on-17/03/2017	Published
10.	Five port optical router for optical network on chip applications	Mrs. Shilpa S. Patil	Mrs. Shilpa S. Patil	201621017235 Filed on-19/05/2016 Published on 15/07/2016	Published
11.	Composite Road Divider and A Method of Manufacturing the Same	Bharati Vidyapeeth University College of Engineering, Pune	Dr. Anand Bhalerao Dr. Sachin Chavan	201621010253, Filed on-23/03/2016 Published on-7/11/2017	Published
12.	Analysis and Design of Software Reliability Growth Model Concurrence with Software Development Life	Mr. Amol A. Kadam	Mr. Amol A. Kadam	201621022882, Filed on-7 /04/ 2016	Filed

Academic Year 2014-15

Sr. No	Title of Invention	Applicant name	Inventor name	Patent ID Filed date Publication date	Status (Filed/ Published/ Granted)
1.	Laboratory Test Set Up for Testing Model of a Wind Turbine	Mr. Datta S. Chavan	Mr. Datta S. Chavan	485 / MUM / 2015 Filed on-16/02/2015 Published on-10/04/2015	Published

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 University	Mr. Datta S. Chavan	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 University	Satish Kadam Prachi Dixit	1761/MUM/2012 Filed on- 19/06/2012 Published on-21/02/2014	Granted
3.	Variable speed wind turbines with doubly fed induction generator and analysis of dynamic behavior thereof	Bharati Vidyapeeth 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 University	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 University	Mrs. Swati Kulkarni	3520/MUM/2011 Filed on- 14/12/2011 Published on-28/06/2013	Granted
2.	An FPGA based automated crop control system and method thereof	Bharati Vidyapeeth Deemed University	Mr. Vinod Mulik	3521/MUM/2011 Filed on- 14/12/2011 Published on-28/06/2013	Published