

2	2021	Dr. Jyoti Atul Dhanke	Improved K-Means Clustering Algorithm with Wireless Networks to Increase the Production in the Automobile Industry	IEEE Xplore Conference: 2022 IEEE North Karnataka Subsection Flagship International Conference (NICoN)	978-1-6654-5342-4/22/551.00 ©2022 IEEE	https://ieeexplore.ieee.org/document/10126869
3	2022	Dr. Jyoti Atul Dhanke	Numerical Simulation of Cell Population and Formation of Necrotic Regions in Tumor Growth	Fractional Calculus : Analysis & Applications 2nd Global Cancer Summit - 2021 Organized by ARJOPA HEALTHCARE AWARDS, also its news is published in Virtual Global Conference on Current Trends in Mathematics (VGCTM-2021)	NA	NA
4	2021	Dr. Jyoti Atul Dhanke	Cells Movement in Tumor Vasculature	Organized by ARJOPA HEALTHCARE AWARDS, also its news is published in Virtual Global Conference on Current Trends in Mathematics (VGCTM-2021)	NA	https://www.youtube.com/watch?v=3jmyk699y
5	2021	Dr. Jyoti Atul Dhanke	Change in number of tumor cells during simulation	Organized by Mathematical Society, Brahmnamd College, Kangpur, Uttar	NA	https://u02web.zoom.us/j/84744985016?pwd=TENUJ25TWnB3ZlR0NkZjZlF1E1E1V099 https://drive.google.com/file/d/1uVT17a9WjCQXVHPW6AnNxF0ZEM6eAR/view?usp=sharing
6	2020	Dr. Jyoti Atul Dhanke	A novel paradigm of numerical approach for reaction-diffusion during tumor growth using finite difference method.	Mathematics for Materials Science, Signals, Images and Structured Data" [ICMMSIS'20] tinyurl.com/bitmat-live organized by	NA	https://www.iiit-pune.ac.in/news/post/5th-asia-pacific-drosophila-research-conference-andrds-and-the
7	2020	Dr. Jyoti Atul Dhanke	Numerical study of effect of oxygen concentration on tumor cell growth	Poster Presented in 5th Asia Pacific Drosophila Research Conference (APDRCS) & 4th Indian Drosophila Research Conference (INDRC4), Poster	NA	http://ijar.org/viewfull.php?8
8	2019	Dr. Jyoti Atul Dhanke	Mathematical modeling of migration of endothelial cells in tumor angiogenesis	Internet of Things (IoT) and its Applications organized by Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar	E-ISSN 2348-1269, P-ISSN 2349-5138	http://ijar.org/viewfull.php?8
9	2019	Dr. Jyoti Atul Dhanke	Numerical study of effect of nutrient and oxygen concentration on tumor cell growth and proliferation	3rd World Cancer Congress – 2019" and 3rd World Congress on Drug Discovery and Development – 2019 organized by Mumbai Healthcare Summit – 2019 at	NA	https://worldcancercongress.in/Mumbai%20Abstract%20Book%20Front%20Design.pdf
9	2019	Dr. Jyoti Atul Dhanke	Numerical study of effect of nutrient and oxygen concentration on tumor cell growth and proliferation	3rd World Cancer Congress – 2019" and 3rd World Congress on Drug Discovery and Development – 2019 organized by Mumbai Healthcare Summit – 2019 at	NA	https://worldcancercongress.in/Mumbai%20Abstract%20Book%20Front%20Design.pdf
10	2022-23	Dr.Nidhi Jain	Smart materials: A State of the Review	International Conference on Future trends in Materials and Mechanical Engineering	NA	https://www.sciencedirect.com/journal/materials-today-proceedings/vol/82/issue/C
11	2022-23	Dr.Nidhi Jain	Biodegradable polymeric nanocomposite for Wound Healing Application: Synthesis and characterization	Virtual International Conference on Multi-disciplinary Research and studies-2022	NA	https://www.researchgate.net/publication/362455841_Proceedings_of_Virtual_International_Conference_on_Multidisciplinary
12	2022-23	Dr.Nidhi Jain	Generation of nanotechnology: state of art review	International conference on Advances in Smart materials, Chemicals and Biochemical Engineering.	NA	https://aliconferences.in/eventdetails.php?id=2637393
13	2021-22	Dr. Nidhi Jain	An Overview of potential Applications of Carbon Nanotubes	4th International Conference on Science and Engineering of Materials (ICSEM-2021)	NA	https://www.sharda.ac.in/happening/4th-international-conference-on-science-and-engineering-of-materials
14	2021-22	Dr. Nidhi Jain	Comparative study of Physico chemical parameters and water quality Index of river	4th International Conference on Science and Engineering of Materials (ICSEM-2021)	NA	https://www.sharda.ac.in/happening/4th-international-conference-on-science-and-engineering-of-materials
15	2020-21	Dr.Nidhi Jain	Biomedical application of Carbon nanotubes (CNTs) in vulnerable parts of the body and its toxicity study: A state-of-the-art-review for	ICMMM-2021 conference	2214-7853	https://www.materialstoday.com/materials-chemistry/events/3rd-international-icmmm-2021/
16	2020-21	Dr.Nidhi Jain	The Potential Application of Carbon Nanotubes in Water Treatment: A state-of-the-art-review	CRMMS2021 conference	2214-7853	https://www.materialstoday.com/materials-chemistry/events/international-crmms2021/
17	2019-20	Dr.Nidhi Jain Prof.Amruta Pasarkar	Mathematical and experimental approach for removal of fluoride, arsenic lead by nonconventional (NLP, PLP, ALP)	NA	NA	NA
18	2019-20	Dr.Nidhi Jain	Synthesis, characterization and parametric study for diameter of nano fiber of Chitosan, Azadirachtaindica leaves extract	NA	NA	NA
19	2018-19	Dr.Nidhi Jain	MIT, Pune	MIT, Pune	NA	NA
20	2018-19	Dr.Nidhi Jain	RGNIPM, Nagpur	RGNIPM, Nagpur	NA	NA
21	2018-19	Dr.Nidhi Jain	AISSM Conf of IPR	AISSM Conf of IPR	NA	NA
7	2011	Jyoti Atul Dhanke	Upcoming Challenges and Issues Related to Technology and E-learning in Teacher Education"	45th IATE National Conference	ISSN : 2278 – 8808	http://www.srjss.com/pages/pdf/files/1469520253Dhanake%20yoti.pdf

4) National Conference Proceedings

Sr. No.	Calendar Year of Publication	Name of the Author(s)	Title of Paper / Proceedings	Name of the Conference	ISBN of the Proceedings	WebLink / URL to Conference Proceedings / Paper (if any)
1	2023-24	Prof.Prashant S.Kadam	Study on Numerical Analysis (Review)	10th National Conference on Emerging Trends in Engineering and Technology	ISBN 978-93-91535-89-6	https://www.researchgate.net/publication/380908405_Study_on_Numerical_Analysis_Review
2	2024	Dr. Jyoti Atul Dhanke	Study on Numerical Analysis (Review)	10th National Conference on Emerging Trends in Engineering and Technology	ISBN 978-93-91535-89-6	https://www.researchgate.net/publication/380908405_Study_on_Numerical_Analysis_Review
3	2022	Dr. Jyoti Atul Dhanke	Representation of Mathematical Modeling for Attainment of Course Outcome in Higher Education.	36th CTEF National Conference on NEP 2020 & its Effective Implementation : Preparing Teachers for Next Generation Learners, Jointly organized by	ISBN : 978-81-19573-89-9	https://www.researchgate.net/publication/380937016_NEP-2020_and_its_effective_implementation_Preparing_teachers
4	2022	Prof.Prashant S.Kadam	Representation of Mathematical Modeling for Attainment of Course Outcome in Higher Education.	36th CTEF National Conference on NEP 2020 & its Effective Implementation : Preparing Teachers for Next Generation Learners, Jointly organized by	ISBN : 978-81-19573-89-9	https://www.researchgate.net/publication/380937016_NEP-2020_and_its_effective_implementation_Preparing_teachers
5	2019	Dr. Jyoti Atul Dhanke	Extracellular Matrix Fibronectin Production by Migration of Endothelial Cells in Tumor Vasculature Growth	Recent Advances in Engineering Sciences organized by Dept. of Mechanical Engineering, Bhavati Vidyapeeth's College of Engineering, Lavale, Pune		
6	2012	Dr. Jyoti Atul Dhanke	A Study of Determination of Energy for Open Channel Flows Under Sluice Gate	Recent Developments in Graduate Mathematics	ISBN : 0976-6049	http://marathwadamsociety.org/vol13-21/13-2024-9320Dhanke%2048%20of%2052.pdf
7	2012	Dr. Jyoti Atul Dhanke	Mathematical Model with Stability Epidemic Equilibrium Point Due to Infectious Disease Transmission	Innovations in Mechanical Engineering' organized by Department of Mechanical Engineering, Sinhgad Institute of Technology, Lonavala		
8	2011	Dr. Jyoti Atul Dhanke	Upcoming Challenges and Issues Related to Technology and E-learning in Teacher Education"	45th IATE National Conference	ISSN : 2278 – 8808	http://www.srjss.com/pages/pdf/files/1469520253Dhanake%20yoti.pdf

5) Books Published

Sr. No.	Calendar Year of Publication	Name of the Author(s)	Name of the Book	Publisher	Level (University/National/International/Others)	ISBN of the book
1	2023	Dr.shikha Bhardwaj Shrivastava	Applied Physics	Technical Publication	National	978-93-5585-333-2
2	2022	Dr. Jyoti Atul Dhanke, Dr. Neeraj Milind Shahane, Prof. (Dr.) Reena Singh	Design and Development of Medical Devices for Hospital Clinics	Namya Press International Publishing Platform	International	ISBN 13 : 978-9355450906 ISBN 10 : 9355450907

3	2022	Dr. Jyoti Dhanke, Dr. S. Balamuralitharan, Dr. Rachina Navasakhe, Dr. R. Vijaykrishnan	Transforms and Partial Differential Equations	Scientific International Publishing House	International	978-93-5625-390-2
4	2022	Dr. Jyoti Dhanke, Dr. S. Balamuralitharan, Dr. Gurusharan Kaur, Arjan Kumar Tripathi	Mathematical Modeling in Biology (part-IB-II)	Scientific International Publishing House	International	978-93-56253-81-0
5	2022	Dr. Jyoti Atul Dhanke Dr. Satish M Dhoke Dr. Shariq Mohammed Dr. Sathana Priya	Auditing	RED SHINE PUBLICATION PVT. LTD., Gujarat 389230, India in Association with RED MAC INTERNATIONAL PRESS &	International	978-93-94727-12-0 ISBN ID: 93-94727-12-4
6	2020	Dr. Jyoti Atul Dhanke	Development of Mathematics Practical Manual for B.Sc. B Ed. Level	NCERT, Bhopal, M.P.	University	PAC Code 16.23
7	2019	Dr. Jyoti Atul Dhanke	Business Mathematics and Business Statistics II	Bharati Press, Pune	University	978-93-88794-03-9
8	2018	Dr. Jyoti Atul Dhanke	Business Mathematics and Business Statistics I	Bharati Press, Pune	University	978-93-88281-38-0
9	2022-23	Dr.Nidhi Jain	Basics of Nanoscience	Lenin Media	National	978-93-93473-14-1
10	2022-23	Dr.Nidhi Jain	Innovation in Green Nanoscience and Nanotechnology	Book chapter	International	978-10-3233-328-1
11	2022-23	Dr.Nidhi Jain	Environmental Management	Nirali Publication	National	978-81-19115-00-6
12	2021-22	Dr. Nidhi Jain	Advances in Green and Sustainable Nonomaterials	Apple Academic Press,CRC,Tylor and Francis group	International	978-1-77491-166-2

6) Patents

Sr. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliations) at time of Application)	Here, attach Source Proof Screenshots/URL/ Website Links, etc.
Dr. Shikha Bhardwaj Shrivastava										
1	202021020572	Published	Dr. Shikha A. Bhardwaj Shrivastava	BLOCKAGE REMOVER FOR SEWAGE PIPELINE	Dr. Shikha A. Bhardwaj Shrivastava	5/15/2020	5/15/2020	202021020572	Bharati vidyapeeth college of engineering, Lavale, pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
2	202021022805	Published	Dr. Shikha A. Bhardwaj Shrivastava	IO - Transaction Security : Intelligent Online Transaction Security	Dr. Shikha A. Bhardwaj Shrivastava	5/31/2020	5/31/2020	202021022805	Bharati vidyapeeth college of engineering, Lavale, pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
3	202021028299	Published	Dr. Shikha A. Bhardwaj Shrivastava	DR-Toothpaste : DUEL RECYCLE TOOTHPASTE	Dr. Shikha A. Bhardwaj Shrivastava	3/7/2020	3/7/2020	202021028299	Bharati vidyapeeth college of engineering, Lavale, pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
4	202021023568	Published	Dr. Shikha A. Bhardwaj Shrivastava	Nose Filter Device: INVISIBLE NASAL ILLNESS DEFENDER	Dr. Shikha A. Bhardwaj Shrivastava	6/5/2020	6/5/2020	202021023568	Bharati vidyapeeth college of engineering, Lavale, pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
5	20211027847	Published	Dr. Shikha A. Bhardwaj Shrivastava	SYSTEM FOR MONITORING EYE CLOSURE AND YAWNING OF AUTOMOBILE OPERATOR TO REVEAL FATIGUE	Dr. Shikha A. Bhardwaj Shrivastava	6/22/2021	6/22/2021	20211027847	Bharati vidyapeeth college of engineering, Lavale, pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
6	20221000867	Published	Dr. Shikha A. Bhardwaj Shrivastava	Event Management System: The Cost Of Food Is Based On The Price Of Serving Plate Or Dish.	Dr. Shikha A. Bhardwaj Shrivastava	2/11/2022	2/11/2022	20221000867	Bharati vidyapeeth college of engineering, Lavale, pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
Mr. Prashant Shivaji Kadam										
1	20221035972 A	Published	Prof. Prashant S Kadam	Mobile phone battery charge with integrated interface	Prof. Prashant S Kadam	22/06/2022	15/07/2022		Bharati vidyapeeth college of engineering, Lavale, pune	https://www.researchgate.net/publication/371566059_MOBILE_PHONE_BATTERY_CHARGE_WITH_INTEGRATED_INTERFACE
2	20221050471 A	Published	Prof. Prashant S Kadam	MATHEMATICAL MODELING FOR DESIGN AND DEVELOPMENT OF SMART STREET LIGHT SYSTEM WITH AIR PURIFIER	Prof. Prashant S Kadam	4/9/2022	23/09/2022		Bharati vidyapeeth college of engineering, Lavale, pune	https://www.researchgate.net/publication/371566161_Title_of_the_invention_MATHMATICAL_MODELING_FOR_DESIGN_AND_DEVELOPMENT_OF
3	20221050470 A	Published	Prof. Prashant S Kadam	ECO-FRIENDLY ELECTRICITY GENERATION AND NUMERICAL ANALYSIS VIA GYM EQUIPMENTS	Prof. Prashant S Kadam	4/10/2022	23/09/2023		Bharati vidyapeeth college of engineering, Lavale, pune	https://www.researchgate.net/publication/371566220_Title_of_the_invention_ECO-FRIENDLY ELECTRICITY GENERATION
Dr. Jyoti Atul Dhanke										
1	202021011206	Granted	Dr. Jyoti Atul Dhanke	A Table with grip carving for easy handling	Dr. Jyoti Atul Dhanke	16/03/2020	9/1/2024	496615	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530309_Title_of_the_invention_A_TABLE_WITH_GRIP_CARVING_FOR_EASY_HANDLING
2	396599-001	Granted	Dr. Jyoti Atul Dhanke	Automated Traffic Control And Violation Deterrent System	Dr. Jyoti Atul Dhanke	4/10/2023	23/11/2023	396599-001	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/380894337_Granted_Design_Patent_Automated_Traffic_Control_And_Violation_Deterrent_System
3	388520-001	Granted	Dr. Jyoti Atul Dhanke	Machine Learning Powered Fake Currency Identification Device	Dr. Jyoti Atul Dhanke	17/06/2023	4/9/2023	388520-001	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/380895593_Title_of_the_Patent_Machine_Learning_Powered_Fake_Currency_Identification_Device
4	6275308	Granted	Dr. Jyoti Atul Dhanke	Organic Waste Composter Device	Dr. Jyoti Atul Dhanke	13/04/2023	26/04/2023	6275308	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/371534488_Organic_Waste_Composter_Device
5	202021051206	Granted	Dr. Jyoti Atul Dhanke	DTM: Reaction Diffusion Model: Reaction diffusion model and numerical study during tumor development	Dr. Jyoti Atul Dhanke	25/11/2020	23/09/2021	377640	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530380_GRANTED_PATENT_Granted_on_23092021_Title_of_invention_DTM-
6	2020101920	Granted	Dr. Jyoti Atul Dhanke	Tribological processed solid super lubricity carbon-based drills	Dr. Jyoti Atul Dhanke	21/08/2020	16/09/2020	2020101920	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/3715663071_Title_of_invention TRIBOLOGICAL PROCESSED SOLID SUPER LUBRICITY CARBON-
7	20211004005	Published	Dr. Jyoti Atul Dhanke	Evaluation of Availability and Reliability Characteristics of Two Different Systems Using Linear First Order Differential Equation	Dr. Jyoti Atul Dhanke	20/01/2023	27/01/2023	20211004005	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/371534637_Evaluation_of_Availability_and_Reliability_Characteristics_of_Two_Different_Systems_Using
8	20221050470	Published	Dr. Jyoti Atul Dhanke	Eco-Friendly Electricity Generation and Numerical Analysis Via Gym	Dr. Jyoti Atul Dhanke	4/9/2022	23/09/2022	20221050470	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/380725043_Title_of_the_invention_ECO-FRIENDLY ELECTRICITY GENERATION
9	20221050471	Published	Dr. Jyoti Atul Dhanke	Mathematical Modeling for Design and Development of Smart Street Light System with Air Purifier	Dr. Jyoti Atul Dhanke	4/9/2022	23/09/2022	20221050471	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/371534634_Title_of_the_invention_MATHMATICAL_MODELING_FOR_DESIGN_AND_DEVELOPMENT_OF
10	20221050467	Published	Dr. Jyoti Atul Dhanke	Advanced Drone	Dr. Jyoti Atul Dhanke	4/9/2022	23/09/2022	20221050467	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/371534466_Advanced_Drone
11	20221035972	Published	Dr. Jyoti Atul Dhanke	Mobile phone battery charge with integrated interface	Dr. Jyoti Atul Dhanke	22/06/2022	15/07/2022	20221035972	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530587_Title_of_the_invention_MOBILE_PHONE_BATTERY_CHARGE_WITH_INTEGRATED_INTERFACE
12	20221036373	Published	Dr. Jyoti Atul Dhanke	Mathematical modeling of smart class table	Dr. Jyoti Atul Dhanke	24/06/2022	15/07/2022	20221036373	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530688_Title_of_the_invention_MATHMATICAL_MODELING_OF_SMART_CLASS_TABLE

13	20221029340	Published	Dr. Jyoti Atul Dhanke	Waste Kitchen and Plastic Convert into an Energy	Dr. Jyoti Atul Dhanke	21/05/2022	17/06/2022	20221029340	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/380724958 Title of the Invention: MATHEMATICAL MODELLING FOR DESIGN AND DEVELOPMENT OF
14	20221029337	Published	Dr. Jyoti Atul Dhanke	Power Generation using Advanced Electromagnetic Suspension	Dr. Jyoti Atul Dhanke	21/05/2022	17/06/2022	20221029337	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530584 Title of the Invention: Power Generation using Advanced Electromagnetic Suspension
15	20221043787	Published	Dr. Jyoti Atul Dhanke	Mathematical Modelling of Self Balancing Solar energy Storage System	Dr. Jyoti Atul Dhanke	27/09/2021	11/3/2022	20221043787	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530739 Title of the Invention: Mathematical Modelling of Self Balancing Solar energy Storage System
16	20221035176	Granted	Dr. Jyoti Atul Dhanke	Digital numerical evaluation of the Behavior of a reinforced Concrete Building	Dr. Jyoti Atul Dhanke	6/8/2021	3/12/2021	20221035176	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530497 Title of the Invention: Digital numerical evaluation of the behaviour of a reinforced Co
17	20221021761	Published	Dr. Jyoti Atul Dhanke	Intelligent Multiple Regression Analysis in Agriculture: Crop Productivity, Rainfall, Fertility, Humidity, Temperature Using Machine Learning.	Dr. Jyoti Atul Dhanke	14/05/2021	2/7/2021	20221021761	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530576 Title of the Invention: Intelligent Multiple Regression Analysis in Agriculture Crop Productivity
18	20221020907	Published	Dr. Jyoti Atul Dhanke	Point to point regression analysis big data using machine learning	Dr. Jyoti Atul Dhanke	8/5/2021	11/6/2021	20221020907	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530670 Title of the Invention: POINT_TO_POINT_REGRESSION ANALYSIS BIG DATA USING MACH
19	20221020748	Published	Dr. Jyoti Atul Dhanke	Mathematical behavior and simulation using regression analysis and machine learning	Dr. Jyoti Atul Dhanke	7/5/2021	11/6/2021	20221020748	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530569 Title of the Invention: MATHEMATICAL MODELLING AND SIMULATION USING REGRESS
20	US20210143724	Published	Dr. Jyoti Atul Dhanke	Automatic Fuel Energy Generated Car	Dr. Jyoti Atul Dhanke	12/1/2021	13/05/2021	US20210143724	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/380954412 Title of the Patent: Automatic Fuel Energy Generated Car
21	20221010179	Published	Dr. Jyoti Atul Dhanke	100% Data security (auto data store your e-mail and link there reg. Mobile number) using ai based programming.	Dr. Jyoti Atul Dhanke	11/3/2021	26/03/2021	20221010179	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530736 Title of the Invention: 100% DATA SECURITY AUTO DATA STORE YOUR G-
22	20221048710	Published	Dr. Jyoti Atul Dhanke	Mathematical Modeling for Remotely Operated Underwater Robot Vehicle	Dr. Jyoti Atul Dhanke	25/10/2021	12/1/2021	20221048710	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530736 Title of the Invention: Mathematical Modeling for Remotely Operated Underwater Robo
23	202021011235	Published	Dr. Jyoti Atul Dhanke	Easy to carry stool	Dr. Jyoti Atul Dhanke	16/03/2020	27/03/2020	202021011235	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362530176 Title of the Invention: EASY TO CARRY STOOL
24	201821041498	Provisional	Dr. Jyoti Atul Dhanke	Higher order engineering curve generation mechanism	Dr. Jyoti Atul Dhanke	2/11/2018	Provisional	201821041498	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	Provisional
25	201821031726	Published	Dr. Jyoti Atul Dhanke	Drilled board slotted scale mechanism for calculating values of trigonometric and complex functions.	Dr. Jyoti Atul Dhanke	24/08/2018	7/9/2018	201821031726	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://www.researchgate.net/publication/362529707 Title of the Invention: DRILLED BOARD SLOTTED SCALE MECHANISM FOR CALCULATING
Dr.Nidhi Jain										
1	201821041507	published	Dr.Nidhi Jain	A three dimensional multiple plane Roller and Shaft model for explaining IUPAC nomenclature of homologues series of organic compound	Dr.Nidhi Jain	2/11/2018	2/11/2018	201821041507	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
2	201821041511	granted	Dr.Nidhi Jain	Representation of properties of elements of a periodic table by crank and roller mechanism	Dr.Nidhi Jain	2/11/2018	04/01/2024	494754	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
3	201821041500	granted	Dr.Nidhi Jain	A parabolic shaped gravity assisted water purifier with spiral tube filter	Dr.Nidhi Jain	2/11/2018	25/05/2022	397640	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
4	201921015201	published	Dr.Nidhi Jain	In-House Bio Gas Plant	Dr.Nidhi Jain	16/4/2019	16/4/2019	201921015201	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
5	201921015203	published	Dr.Nidhi Jain	Nano-composite for wound healing	Dr.Nidhi Jain	16/4/2019	16/4/2019	201921015203	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
6	201921045538	published	Dr.Nidhi Jain	Indian originated herbs/Medicinal Cigarettes	Dr.Nidhi Jain	18/11/2019	18/11/2019	201921045538	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
7	327190_001	Filed	Dr.Nidhi Jain	Design of Upgraded Railway track Security device for curved and straight tracks.	Dr.Nidhi Jain	14/02/2020.	14/02/2020.	327190_001	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
8	202021006444	published	Dr.Nidhi Jain	Upgraded Railway track Security device for curved and straight tracks	Dr.Nidhi Jain	14/02/2020.	14/02/2020.	202021006444	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
9	202021030502	published	Dr.Nidhi Jain	The Sterilizing Device for Paper / Currency/ Documents/ Cards etc..	Dr.Nidhi Jain	17/07/2020	17/07/2021	202021030502	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
10	202021006444	granted	Dr.Nidhi Jain	Octagonal Shaped paper sanitizer	Dr.Nidhi Jain	23/07/20	23/07/20	331320-001	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
11	202021011235	published	Dr.Nidhi Jain	Thin layer chromatographic method for separation of phyto constituents using solids as mobile phase	Dr.Nidhi Jain	09/08/2020.	09/08/2020.	202021011235	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
12	331320-001	granted	Dr.Nidhi Jain	Topical Use of Triplex Procumbens in Ocular diseases	Dr.Nidhi Jain	22/08/2020.	30/03/2023	427660	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
13	202021034118	granted	Dr.Nidhi Jain	Tribological processed solid super Lubricity carbon based drills	Dr.Nidhi Jain	16/09/2020	16/09/2020	202021034118	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
14	2020102665	granted	Dr.Nidhi Jain	AMTH-Biomedical waste Management Automatic method and Technologies for Biomedical waste Management Including Ayurveda Hospital using IOT	Dr.Nidhi Jain	10/10/2020	18/11/2020	2020102665	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
15	2020101920	published	Dr.Nidhi Jain	EMC-Voltage Converter/Intelligent and Frequency to Voltage Converter for Mobile Charging	Dr.Nidhi Jain	11/10/2020	11/10/2020	2020101920	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
16	2020102665	published	Dr.Nidhi Jain	PF Voltage converter shoe: Intelligent shoe power bank charged by footsteps Integration And Unique Characterization Of Bioactive Complex Compounds From StemBark Extract Of Uapaca Piliosa Hutch.	Dr.Nidhi Jain	1/12/2020	1/12/2020	2020102665	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
17	202021048935	published	Dr.Nidhi Jain	IPMS- Separating Salts: Intelligent Process And Method For Separating Salts In Seawater. (Green Chemistry)	Dr.Nidhi Jain	24/08/2021	24/08/2021	202021048935	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
18	202021052201	published	Dr.Nidhi Jain	Intelligent Process and method for separating salts(green Chemistry)	Dr.Nidhi Jain	3/9/2021	3/9/2021	202021052201	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
19	20221040037	published	Dr.Nidhi Jain	High Density Quick-Response Asthma Advanced Inhalers Manufacturing Process	Dr.Nidhi Jain	3/9/2021	3/9/2021	20221040037	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
20	20221038358	published	Dr.Nidhi Jain	Indian Railways Wheelchair Boarding and De-Boarding system by Disabled and senior citizens through the existing portal	Dr.Nidhi Jain	29/09/2021	29/09/2021	20221038358	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
21	202321001831	Filed	Dr.Nidhi Jain	Smart Concrete Design using Hydrogel Based Curing Agent	Dr.Nidhi Jain	9/1/2023	9/2/2023	202321001831	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
22	20221040037	Filed	Dr.Nidhi Jain	Smart Concrete Design using Hydrogel Based Curing Agent	Dr.Nidhi Jain	16/1/2024	16/1/2024	20221040037	Bharati Vidyapeeth's College of Engineering, Lavale, Pune	https://prsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus