

Bhagwan Parshuram Institute of Technology
Details of Patents

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Patent Published Date / Granted Date (DD/MM/YYYY)
1	459624-001	Published	Ms. Seema	Artificial Intelligence Enabled Industrial Task Management Helpdesk Device	29/08/2025
2	202511006364	Published	Dr. Ritu Gupta	AI-Driven Modular CyberSecurity Solution for Adaptive Threat Intelligence	28/02/2025
3	445104-001	Published	Dr. Ritu Gupta	AI-Integrated Wearable Health Tracker with Modular Sensor Design,	28/03/2025
4	434371-001	Published	Dr. Meenakshi Aggarwal	Artificial Intelligence Based Organic Waste Composter	09-01-2025
5	202511026162	Published	Dr. Pavika Sharma	'AI-OAS : AI-DRIVEN OPTIMIZATION AND AUTOMATION IN CLOUD TECHNOLOGIES FOR SCALABLE COMPUTING	04-04-2025
6	446074-001	Granted	Dr. Jayant Bhardwaj	IOT BASED AUTOMATIC WATER IRRIGATION SPRINKLER	30/1/2025
7	455538-001	Granted	Dr. Nitish Pathak, Prof. Neelam Sharma Dr. Upendra Kumar Dr. Ravi Shankar Pandey Dr. Neelam Sharma Dr. Soumi Dutta	AI Based Road Traffic Detection Device	07 August 2025
8	6449866	Granted	Dr. Nitish Pathak, Dr. Neelam Sharma, Abhijeet Sudhakar, Dr. Srivaramangai Ramanujam Dr. Syed Shahabuddin Ashraf	Machine Learning based device for Automated Data Classification	19 /06/ 2025

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9	432441-001	Granted	Dr. Neelam Sharma Dr. Nitish Pathak Ms. Neelam Nehra Dr. Geetanjali Sharma Dr. Srivaramangai Ramanujam	AI based Health Monitoring Device	6 Jun 2025
10	430635-001	Granted	Dr. Nitish Pathak Dr. Neelam Sharma Dr. Saurabh Chandra Prof. Praveen Malik Dr. Arpana Chaturvedi Dr. Abhishek Bhattacharya Dr. Soumi Dutta	AI based facial recognition device	15 Nov 2024
11	434371-001	Published	Dr. Richa Vats, Dr. Meenakshi Aggarwal, Ms. Soumya Sharma, Ms. Charvi, Ms. Papiya Mukherjee, Ms. Ankita Sharma, Ms. Disha Mohini, Pathak	ARTIFICIAL INTELLIGENCE BASED ORGANIC WASTE COMPOSTER	1 Sep 2025
12	444012-001	Granted	Prof. Payal Pahwa, Prof. Deepali Virmani, Dr. Shweta Taneja, Dr. Bhawna Suri, Dr. Charu Gupta, Dr. Palak Girdhar, Dr. Himani Sharma, Dr. Mugdha Sharma	Digital Display Interactive Hospital Diet Display Kiosk	13/01/2025
13	202311000000	Granted	Dr. Pavan Kumar Pandey Dr. Vineet Kansal Dr. Abhishek Swaroop Dr. Monika Arora	Public Key Infrastructure Based Secure Multipath Routing in Vehicular Ad-Hoc Networks.	09-12-2024

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14	434371-001	Published	Dr. Richa Vats, Dr. Meenakshi Aggarwal, Ms. Soumya Sharma, Ms. Charvi, Ms. Papiya Mukherjee, Ms. Ankita Sharma, Ms. Disha Mohini, Pathak	ARTIFICIAL INTELLIGENCE BASED ORGANIC WASTE COMPOSTER	09-01-2025
15	202411000000	Published	Mr Harshit Sharma, Ms Archita, Ms Ayushi Tripathi, Ms Arushi Gupta, Prof Achal Kaushik	A Personal Health Management System	03-05-2024
16	409623-001	Granted	Dr. Rachna Jain	SMART INHALER	10-May-24
17	409621-001	Granted	Dr. Rachna Jain	IOT BASED MEDICATION DISPENSER	2-May-24
18	425803-001	Granted	Dr. Rachna Jain	SMART NERVE ACTIVATION DEVICE FOR HEALTHCARE TREATMENT	12-Sep-24
19	436207-001	Granted	Dr. Rachna Jain	PORTABLE SIGN LANGUAGE DISPLAY DEVICE FOR CLASSROOM USE	28-Jan-25
20	436206-001	Granted	Dr. Rachna Jain	PROCESSING DEVICE FOR TACTILE FEEDBACK IN CLASSROOM LEARNING FOR DEAF STUDENTS	16-Jan-25