

**Abhilashi University**  
**List of Patents Awarded/Published**

| <b>SN</b> | <b>Faculty Name</b>   | <b>Title of Patent</b>   | <b>Patent Number</b> | <b>Year of Award/Publication</b> |
|-----------|---|--|----------------------|----------------------------------|
| 1         | Dr. Ankita Chaudhary  | English Language learning application with AI based literature lessons                                     | 1218173(Grant))      | 2024                             |
| 2         | Dr. Ankita Chaudhary  | English Language Learning computing device with Comprehensive AI-Powered                                   | 6349594(Grant)       | 2024                             |
| 3         | Dr. Jay Nath Patel  | Smart Irrigation Sprinkler   | 404148-001           | 2024                             |
| 4         | Dr. Ankita Chaudhary  | English Language Learning computing device with Comprehensive AI Powered                                   | 6349594              | 2024                             |
| 5         | Dr. Ankita Chaudhary  | A method for new media technologies to enhance teaching and learning processes                             | 202321017225         | 2023                             |
| 6         | Dr. Navdeep Sharma  | Intelligent Digital controlled nano robotics   | 202311037857         | 2023                             |
| 7         | Mr. Vineet Kapoor   | Semi- Automatic Intranasal Drug Delivery Device  | 393714-001           | 2023                             |
| 8         | Navdeep Sharma  | Intelligent Digital Controlled Nano Robotics, Application Number:  | 202311037857         | 2023                             |
| 9         | Ankita Chaudhary  | A method f new media technologies to enhance teaching and learning processes                               | 202321017225         | 2023                             |
| 10        | Dr. Pardeep Singh Cheema , Dr. Lalit Abhilashi , Priyanka Abhilashi, Sachin Raghav, Er. Kapil Kapoor and Dr. Jyoti Sondhi                       | Intelligent Cyber Security Checking Device   | 6275497              | 2023                             |
| 11        | Dr. Pardeep Singh Cheema , Abhilashi University, Dr. Lalit Abhilashi , Priyanka Abhilashi, Sachin Raghav, Er. Kapil Kapoor and Dr. Jyoti Sondhi | Automatic Irrigation System  | 6275491              | 2023                             |
| 12        | Dr. Amit Chaudhary  | Synthesis and Formulation of Effervescent Floating Tablets Of Schiff Base Compounds                        | 202311005129A        | 2023                             |
| 13        | Dr. Neetu Sharma  | High Density Quick Response Asthma Inhalers Making Method and Process.                                     | 202211060597         | 2022                             |
| 14        | Dr. Amit Chaudhary  | Fabrication of Lipid based nano carrier drug delivery for clarithromycin                                   | 2021105101           | 2022                             |
| 15        | Dr. Amit Chaudhary  | Dual release tablet-based pain management of Arthritis   | 202211032609         | 2022                             |
| 16        | Dr. Amit Chaudhary  | Development of Intravaginal Liposomal Gel of clomiphene citrate for treatment of Polycystic ovary Syndrome | 202211038450         | 2022                             |

|    |                           |   |              |      |
|----|---------------------------|---|--------------|------|
| 17 | Mr. Sachin Raghav         | Operationalising Brand Advanced Marketing Management and Cultural Heritage  | 202131037452 | 2021 |
| 18 | Dr. Abhishek Soni         | Deep Learning Model for predicting severity prognosis in patients infected with COVID-19                            | 202121036722 | 2021 |
| 19 | Dr. Ajay Kumar Gautam     | Intelligent Method for Aggregating and Converting Sensor Data Streams.  | 202131037453 | 2021 |
| 20 | Er. Shefali Jamwal        | B-ATM Transaction: Biometric Transaction Authorization based on user location Verification                          | 202141036720 | 2021 |
| 21 | Dr. Pankaj Saklani        | Virtual Doctor Robot: IoT Based Virtual Doctor Robot to guide the Medical Process.                                  | 202111036719 | 2021 |
| 22 | Prof. (Dr.) Biplab Sarkar | Automatic Stock Market and Trading Algorithmic Improve using Machine Learning and Deep Learning Programming.        | 202111034279 | 2021 |
| 23 | Prof. (Dr.) Biplab Sarkar | FM Transmission: Home-based Automatic FM Transmission using IoT based System.                                       | 202111034280 | 2021 |
| 24 | Dr. Devinder Sharma       | Intelligent Solar Water Heater: Construction and Performance Evaluation of a Passive Intelligent Solar Water Heater | 202111034281 | 2021 |
| 25 | Dr. D.K Mishra            | Isolation and Characterization of Bioactive Compounds from Stembark Extract of Uapaca Pilosa hutch                  | 202111034286 | 2021 |
| 26 | Dr. Ajay Kumar Gautam     | Automatic Agricultural Skilling   | 202111034287 | 2021 |
| 27 | Dr. Amit Choudhary        | Fabrication of lipid based nanocarrier drug delivery for clarithromycin   | 2021105101   | 2021 |
| 28 | Dr. Amit Choudhary        | 7 - Hydroxy 4 - Methyl Coumarin analogs built into transdermal formulation for antiinflamroty activity              | 2021107081   | 2021 |
| 29 | Prof. (Dr.) Biplab Sarkar | WC-Machine: Method and Machine Kitchen Waste Convert into a Compost   | 202141035709 | 2021 |
| 30 | Prof. (Dr.) Biplab Sarkar | EF- Brick -Roof Tiles: Making Method and Process Environment-Friendly Brick and Roof Tiles                          | 202121035702 | 2021 |
| 31 | Kapil Kapoor              | Transaction Authorization based on user location Verification.  | 2021106807   | 2021 |
| 32 | Dr. Ritika                | EF- Brick -Roof Tiles: Making Method and Process Environment-Friendly Brick and Roof Tiles.                         | 2021106803   | 2021 |
| 33 | Dr. Akriti Guleria        | Use of Vertical Water Treatment Plant in cities to cope up with land shortage problem                               | 2110361470   | 2021 |
| 34 | Dr. Ravinder Kumar        | Digital Evaluation Concrete Building: Digital Numerical evaluation of the behavior of areinforced concrete building | 202111038364 | 2021 |
| 35 | Dr. D.K. Mishra           | Determination of antioxidant and phenolic content used of <i>Lantana camara</i>                                     | 202121038359 | 2021 |
| 36 | Kapil Kapoor              | Passive Energy Dissipation Structure Design.  | 202141038366 | 2021 |

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|----|---------------------------------|---|---------------|------|
| 37 | Er. Shatruhan Jaiswal           | Voice Controlled Intelligent Robotic Vehicle  | 202141041049  | 2021 |
| 38 | Er. Chaman Sharma               | ECO-Friendly Smart Connected Vehicle System Driven by Hybrid Renewable Energy and IOT For NH5 Only.   | 2021111041050 | 2021 |
| 39 | Dr. Parikshit Sharma            | Intelligent Plug and Play Point to Multipoint Internet of Things (IoT) Platform and Method of Managing the same.                            | 2021141040844 | 2021 |
| 40 | Dr. Parikshit Sharma            | Cyber Threat Identification Using Deep Learning.  | 202121041051  | 2021 |
| 41 | Dr. Monika Sharma               | Amazon's Product Recommendations on Market Requirements Activity Using Machine/ Deep Learning   | 202111043017  | 2021 |
| 42 | Er. Abhay Dhiman                | Intelligent and Automatic Plug-In Hybrid Electric Vehicles  | 202131043795  | 2021 |
| 43 | Mrs. Shivani Kaundal            | Advanced Quantum Computing Deep/Machine Learning Module and System.   | 202111043794  | 2021 |
| 44 | Lalit Kumar                     | Supersonic aircraft with spike for controlling and reducing sonic boom  | 202141043804  | 2021 |
| 45 | Dr. Mahender Kait               | Intelligent Irrigation System Controlling and Monitoring using IoT-Based Technology   | 202141043803  | 2021 |
| 46 | Er. Shatruhan Jaswal            | LPG Gas Leakage Detection Device (Voice Alert to the House Wife)  | 202131047261  | 2021 |
| 47 | Dr. H.S. Banyal                 | Design a Wearable Sensors to Provide Healthcare Notification Using ML and IOT Based Technology.   | 202111047458  | 2021 |
| 48 | Er. Abhay Dhiman                | Agriculture Water Level Controlling and Monitoring Using IOT-Based Technology   | 202131047456  | 2021 |
| 49 | Dr. Ravinder Kumar              | Use of Vertical Water Treatment Plant in cities to cope up with land shortage problem.  | 2021105549    | 2021 |
| 50 | Mr. Abhishek Soni               | Intelligent Seawaterb Sepration (Salt and Fresh Water) Process and Procedure.   | 202121047523  | 2021 |
| 51 | Dr. Sachin Goyal                | ASW Data Lake Managed Using Machine Learning.   | 202141041565  | 2021 |
| 52 | Mr. Inder Kumar                 | Automated Smoking Zone Monitoring & Direct Voice Alerting to User.  | 202131040003  | 2021 |
| 53 | Dr. Parikshit Sharma            | Rain Sensing Device (Voice Alert to the House Wife)   | 202131041561  | 2021 |
| 54 | Ms. Priyanka Rana               | Rating Prediction for Amazon: Amazon Offers Product Recommendations Based on Customer Activity Using Deep and Machine Learning Programming. | 202111039465  | 2021 |
| 55 | Prof. (Dr.) Biplab Kumar Sarkar | Biometric I-Card: Fingerprint Based I-Card  | 201821008727  | 2019 |
| 56 | Prof. (Dr.) Biplab Sarkar       | DPS -Printer: Duel Printer System to Reuse Waste Paper and Printed Text Ink.  | 201721017052  | 2018 |