



Galgotias College of Engineering & Technology
Department: Artificial Intelligence & Machine Learning (AIML)

Patent Details - 2025

Sl. 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)
1	202511005231 A	Published	Prachi Gupta	A System and Method for Personalized Treatment Recommendation Using Multimodal Deep Learning with Epigenetic, Context-Aware, and Blockchain-Enabled Adaptations	1)Prachi Gupta 2)Manik Batra 3)Priyanka Saini 4)Swati Rehal 5)Mahima Shanker Pandey 6)Dr. Obaidur Rahman 7)Dr. Himanshi Puri 8)Prerna Awasthi	22/01/2025	02-07-25
2	442517-001	Granted	Dr. Sachi Gupta	Machine Learning Based Apparatus For Autonomous Pest Scouting	Dr. Gaurav Agarwal, Dr. Tarun Maini, Dr. Kalpana Tilak, Dr. Sapna Sharma, Dr. Sachi Gupta	31/12/2024	06-02-2025
3	471958-001	Published	Santosh Kumar Chauhan	IOT based motion sensing device	Dr. Brahmopal Singh , Pushpendra Pal Singh, Dr. Punit kumar Choubey, Vijin Kumar Kushwaha, Santosh Kumar Chauhan	09-01-25	28/11/2025
4	458924-001	Granted	Dr. Sachin Kumar	AI ENABLED DISEASE DETECTION MEDICAL DEVICE	Kumar 3.Dr. Sunil Singh 4.Dr. Dharmendra Kumar Gautam 5.Dr. Nitin Pharia 6.Ms.	15/05/2025	01-08-2025
5	6441475	Registered	Dr. Sachin Kumar	Computing Device for Adaptive Data Management in IoT Systems	Pallavi Goel, Aparna Singh, Surbhi Sharma, Sachin Kumar, Surabhi Solanki,	05-02-25	06-02-25
6	202541093075	Published	Jyoti Nagpal	Blockchain-Integrated secure Authentication Protocol for cloud computing Environments	R.Indrakumari, C.S. sunil Kumar, Gurpreet Singh, Jyoti Nagpal, Arun Kumar, S.Hemlata, Ms. Parvesh, Mr. Yashwant Soni, Mr. P. Rajakumar, Dr. Karnaga selvi	28/09/2025	31/10/2025
7	6486316	Granted	Prachi Gupta	Computer Device for Fuzzy Logic-Based Deepfake Detection	Prachi Gupta, Priyanka Saini, Sneh Kanwar Singh Sidhu, Ankit Verma, Avtar Singh, Lokesh Kumar	15/11/2025	27/11/2025
8	6486316	Granted	Sneh Kanwar	Computer Device for Fuzzy Logic-Based Deepfake Detection	Prachi Gupta, Priyanka Saini, Sneh Kanwar Singh Sidhu, Ankit Verma, Avtar Singh, Lokesh Kumar	15/11/2025	27/11/2025

Patent Details - 2024

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1	417048-001	Published	Sunny Arora	ARTIFICIAL INTELLIGENCE(AI) BASED CLOUD SECURITY DETECTING DEVICE	Sunny Arora, Purushottam Kumar, Beerbal Solanki, Yogendra Narayan Prajapati, Manoj Kumar Srivastava, Updesh Jaiswal, Manoj Kumar	15-05-24	28-06-24
2	406285-001	Published	Sunil Kumar	MACHINE LEARNING BASED DEVICE FOR ENHANCING COMPUTER NETWORK SAFETY	1.Dr. Sunil Kumar 2. Ms. Aarti Neema 3.Mrs. Ankita Shukla 4.Dr. Rajeev Kumar Sharma 5. Dr. Rupak Sharma 6. Dr. Ram Lal Yadava 7. Mr. Atul Kumar 8. Dr. Jitendra Kumar Yadav 9. Dr. Ruchi Kawatra 10. Mr. Paul Shankar Pathak	01-02-24	19-04-24
3	408197-001	Published	Sunil Kumar	MACHINE LEARNING BASED SECURITY DEVICE FOR CLOUD COMPUTING	Dr. Sunil Kumar 2. Updesh Kumar Jaiswal 3. Manoj Kumar Srivastava 4. Dr. Rajesh Prasad 5. Sharma Ji 6. Sanjay Kumar Sonker	20-02-24	19-04-24
4	407862-001	Granted	Dr. Sachi Gupta	IoT Based Patient Health Monitoring Device	Dr. Tarun Maini, Dr. Sachi Gupta, Dr. Ashish Kumar, Dr. Prabhat Dansena, Dr. Shivani Agarwal	17/02/24	18/04/2024

Patent Details - 2023

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1	390603-001	Published	Sunil Kumar	ARTIFICIAL INTELLIGENCE BASED DELIVERY ROBOTIC DEVICE	1.Dr. Sunil Kumar 2.Dr. Kapil Aggarwal 3.Mr. V. Sakthivel 4.Ms. Rashmi Pandey	18/07/2023	06-10-23
2	384247-001	Granted	Dr. Sachi Gupta	Smart Spectacle For Visually Challenged Persons	Dr. Atul Kumar Raj, Dr. Shivani Agarwal, Dr. Sachi Gupta, Ms. Varsha Sharma, Gaurav Agarwal	19/04/2023	12-08-23