

Galgotias College of Engineering & Technology

Patent (2023-24)

Sl. No.	Title of the Patent	Inventor/s Name	Patent Application No.	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Status of Patent (Published / Granted)
1	Speed Control Module for Two-wheeler Vehicles	Dr. Yogesh Shrivastava, Dr. Eram Neha, Dr. Brijesh Singh, Utkarsh Gugri, Sajal Misra, Yash Kumar Verma, Simran Bharti,	363036-001	25/04/2022	09-02-2023	363036-001	Granted
2	FUTURISTIC AI-ENHANCED AIR PURIFIER FOR NEXT-GENERATION INDOOR ENVIRONMENTAL SOLUTIONS	PROF. MONU BHAGAT, MRS SURUCHI VASHISHT, DR. UMESH KUMAR SINGH, RAJABOYANA NARENDRA RAO, DR. PANKAJ SEN, DR. CHAITANYA PUBLISHTAM AGRAWAL, DR.	6332516	12-12-2023	16/01/2024	6332516	Granted
3	Smart Washing Machine	Dr. Sambit Satpathy, Dr. Himani Maheshwari, Mr. Pawan Kumar Singh, Prof. (Dr.) Reena Singh, Prof.(Dr.) Biplab Kumar Sarkar, Prof. Dr. Vandana Singh	6280911	08-05-2023	18-05-2023	6280911	Granted
4	IOT ENABLED RESPIRATORY SENSING DEVICE	Dr. Monika Bhatnagar	403541-001	31/12/2023	01-03-2024	403541-001	Granted
5	IoT and Artificial intelligence-enhanced comprehensive monthly bill management System	Mr. Neeraj Kaushik	202311083097	12-06-2023	12-01-2024	202311083097	Published
6	AN AUTOMATED CUSTOMIZED HEALTH MANAGEMENT SYSTEM	Dr. Sanchali Das, Dr. Sambit Satpathy,	202311011326	20-02-2023	17-03-2023	202311011326	Published

7	SMART WEB BASED APPLICATION FOR MIND EDUCATION INFUTURE EXTRACTION OF HUMAN USING MACHINE LEARNING	PRITYA C B, S. RAJESH KUMAR TRIPATHI, DR. KEERTI SHRIVASTAVA, DR. JAYA SINHA, DR.R.THAGARAJAN, DR. M NAVEEN KUMAR DR. C SUNDAR DR. P	202341011355	20-02-2023	24-03-2023	202341011355	Published
8	health care system on deep learning application NEURAL NETWORK	Sambit Satpathy 2. Vijay Kumar Dwivedi 3. Adithya Padthe 4. Srinivas Aditya Vaddadi 5. Mahesh Singh 6. Swati Vashisht	389280-001	26-07-2023	26-09-2023	389280-001	Published
9	HYPERSPECTRAL IMAGING DEVICE FOR DETECTION OF ALZHEIMER'S DISEASE	1. Adithya Padthe 2. Dr. Sanchali Das 3. Dr. Ramya Thatikonda 4. Sambit Satpathy 5. Vishnu Sharma	388425-001	15-06-2023	11-09-2023	388425-001	Published
10	UTILIZATION OF RICE HUSK AND LIME IN VARYING PROPORTION TO ENHANCE THE PROPERTIES OF RIGID PAVEMENT	. DR. PARVEEN BERWAL, SHIVAM, PRAVEEN KUMAR SINGH, ARUN PATEL, ANSHUL, RITU SINGH, PRINCE PAL	202311088535	24-12-2023	16/02/2024	202311088535	Published
11	SUSTAINABILITY OF RIGID PAVEMENTS BY APPLICATION OF JUTE FIBRE AND PLASTIC FIBRE IN VARYING PROPORTION	DR. PARVEEN BERWAL, GANESH GUPTA, GAURAV YADAV, AYUSH KUMAR, HARIKESH, ASHISH OJHA	202311088536	24/12/2023	16/02/2024	202311088536	Published
12	IOT BASED MEDICATION DISPENSING MACHINE FOR HEALTHCARE ENHANCEMENT	DR. PINKI YADAV, DR.BHUVNESH, DR. MD. DANISH EQUBAL, ADITYA SAGAR, AKASH YADAV, ANKIT YADAV, KESHANT, PARVEEN BERWAL	202311088537	24/12/2023	16/02/2024	202311088537	Published
13	SEARCH AND LOCATE MISSING INDIVIDUALS VIA DRONE	MR.THAKUR KUMAR ANKIT, DR. PINKI YADAV, DR. MD. DANISH EQUBAL, SUDHIR GUPTA, GULJAR ANSARI, NISHIT SOLANKI, SOHIL KHAN, PARVEEN BERWAL	202311088538	24/12/2023	16/02/2024	202311088538	Published
14	Intelligent Robotic Prosthetic Limb with NeuralInterface for Natural Movements	V. Ravi Raj Dr K. Mahesh Dutt Dr. Manepalli Sailaja P. Moopakchi Reddy	202341087178	19/12/2023	05-01-2024	202341087178	Published
15	A NETWORK CONTROL METHOD FOR TRAFFIC ENGINEERING USING GRAPH THEORY WITH HIGH EFFICIENCY	Dr. Richa Agarwal,Dr. Amit Kumar Attri,Dr. Anshu kumar,Mr. Sandeep Kumar Mittal,Dr. Dushyant Kumar,Dr. Padam Singh,Dr. Arun Kumar,Dr. Rashmi Singh Dr. Neha Bhardwai Dr	202311055650	19/08/2023	15/09/2023	202311055650	Published

16	Device to analyse and formulate herbal medicine	Dr. Bipin Kumar Srivastava, Ankitamathur, syad gillani Pasha, Najmuddin Aamir, B. S. Patil, Jham Lal, Munesh Vohra, Anurag Srivastava	384593-001(Design)	23/04/2023	07-08-2023	384593-001(Design)	Published
17	THE ADVANTAGE AND DISADVANTAGES OF HIGH FREQUENCY TRADING IN FINANCIAL APPLICATIONS	1 . Dr.BINOD KUMAR SHARMA 2 . Dr.ASHUTOSH MISHRA 3 . Dr.ALOK TRIPATHI 4 . Dr. SWATI SINGH 5 . Mrs. PRIYANKA CHAUHAN 6 . Dr.VINAY GAUTAM 7 . Dr. SHAILENDRA SINGH	202331065931	30/09/2023	13/10/2023	202331065931	Published
18	A NETWORK CONTROL METHOD FOR TRAFFIC ENGINEERING USING GRAPH THEORY WITH HIGH EFFICIENCY	1 . Dr. Richa Agarwal 2 . Dr. Amit Kumar Attri 3 . Dr. Anshu kumar 4 . Mr. Sandeep Kumar Mittal 5 . Dr. Dushyant Kumar 6 . Dr. Padam Singh 7 . Dr. Arun Kumar 8 . Dr. Rashmi Singh 9 . Dr. Neha Bhardwaj 10 . Dr. Milan Srivastava 11 . Dr. Nidhi Sahni 12 . Dr. Sudhir Kumar Yadav	202311055650	19/08/2023	15/09/2023	202311055650	Published
19	MULTI-SENSOR VEHICLE POSITIONING SYSTEM EMPLOYING SHARED DATA PROTOCOL	1 . Amol Jagannath More 2 . S.Suganya 3 . P. Dhivya 4 . Dr. Kapil Verma 5 . Dr. Bhawana Joshi 6 . Arva Shah	202321055491	18/08/2023	01-09-2023	202321055491	Published
20	THE ADVANTAGE AND DISADVANTAGES OF HIGH FREQUENCY TRADING IN FINANCIAL APPLICATIONS	1 . Dr.BINOD KUMAR SHARMA 2 . Dr.ASHUTOSH MISHRA 3 . Dr.ALOK TRIPATHI 4 . Dr. SWATI SINGH 5 . Mrs. PRIYANKA CHAUHAN 6 . Dr.VINAY GAUTAM 7 . Dr. SHAILENDRA SINGH 8 . Dr. CHANDAN SINGH UJARARI 9 . Dr.PADAM SINGH 10 . Dr. KOMAL PRASAD SHARMA 11 . Dr. DUSHYANT KUMAR	202331065931	30/09/2023	13/10/2023	202331065931	Published
21	Method and system to manage a bandwidth in a wireless network	1 . PROF. VIKAS SINGHAL 2 . DR. SHIVANI DUBEY 3 . DR. MONIKA DIXIT 4 . DR. ANAND DOHARE 5 . DR. RAJEEV KISHORE	202311008432	17/02/2023	02-08-2023	202311008432	Published
22	Disabled Person's smart wheel chair system Design with IOT-Based eye Tracking and Gesture Control	1 . Dr.Anand Kumar Dohare, Greater Noida Institute of Technology 2 . Dr. Pankaj Kumar Gupta, Greater Noida Institute of Technology 3 . Ms. Shikha, Galgotia College of	202341015526	17/03/2023	03-08-2023	202341015526	Published

23	IoT- Based Traffic monitoring System Using AI TO Improve shoet term speech Prediction based on ITS	1 . Dr. Anand Kumar Dohare, Greater Noida Institute of Technology (Engineering Institute) 2 . Dr. Pratap kumar, Galgotias College of Engineering & Technology Javit Harpal Singh Kaundal	202341028535	19/04/2023	26/05/2023	202341028535	Published
24	OBSTACLE DETECTION SYSTEM	Somya Agnihotri Kiran Singh R. Indrakumari Ranpak Sulekh	202311027955	17/4/2023	19/5/2023	202311027955	Published
25	DETECTION AND DIAGNOSIS OF PROSTATE CANCER USING DEEP LEARNING	ARCHANA DAS, PREETI KATIYAR, RASHI CHAUDHARY	202311042259 A	23/06/2023	21/07/2023	202311042259 A	Published
26	WEED DETECTION IN CROPS USING MACHINE LEARNING TECHNIQUES	ARCHANA DAS SASWAT KUMAR DAS	202311048893 A	20/07/2023	11-08-2023	202311048893 A	Published
27	PREDICTION OF CHRONIC KIDNEY DISEASE USING SUPPORT VECTOR MACHINE AN ARTIFICIAL NEURAL NETWORKS	Amit Seth	202321052738	05-08-2023	06-10-2023	202321052738	Published
28	IOT BASED ANSOFT HFSS SOFTWARE IS USED TO DESIGN A K BRAND TRANSMITTING ANTENNA FOR HARBOUR SRVEILLANCE RADAR APPLICATION	Amit Seth	202311056740	24/08/2023	22/09/2023	202311056740	Published
29	System Design for an improvised method for evaluating employee appraisal in companies using machine learning	Dr. Nirupa Lakshmi	202341012236	23/02/2023	17/03/2023	202341012236	Published
30	Fake news detection using machine learning	Mr. Amurag Bansal	202311028453	19/04/2023	26/05/2023	202311028453	Published

31	EFFECTS AND ANALYSIS OF FINANCIAL INCLUSION IN MICRO, SMALL AND MEDIUMSIZED BUSINESS TO DRIVE TEH ECONOMIC GROWTH OF COUNTRY AND HANDLING UNCERTAINTIES	Dr. Ashwini Surendra Kadam, Dr. Supriya Kamale, Dr. Chikati Srinu, Dr. R S Ch Murthy Chodisetty, M Bhargavi Prasanna, Anupriya, Pooja Kaushik	202321080466 A	27/11/2023	22/12/2023	202321080466 A	Published
32	A DEEP LEARNING SYSTEM FOR ON-LINE HANDWRITTEN SIGNATURE BIOMETRICS USING RECURRENT NEURAL NETWORKS	Atul Kumar et. al.	202311070990	18/10/2023	24/11/2023	202311070990	Published
33	COMPUTATIONAL IOT FRAMEWORK BASED ON SMART AND LOW-COST DEVICES FOR MEDICAL IMAGE SEGMENTATION	Dhinakaran M et. al.	202341062364	16/09/2023	06-10-2023	202341062364	Published
34	SMART HEALTHCARE ENVIRONMENT USING IOT AND MACHINELEARNING FOR PREDICTIVE MAINTENANCE AND INFECTIONCONTROL	Dhinakaran M et. al.	202341068088	11-10-2023	20/10/2023	202341068088	Published
35	SECURE IOT FRAMEWORK FOR REMOTE HEALTHCARE SERVICES USING MACHINE LEARNING AUTHENTICATION AND AUTHORIZATION	Dhinakaran M et. al.	202341076873	10-11-2023	15/12/2023	202341076873	Published