

Galgotias College of Engineering & Technology

Patent (2022-23)

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	Ein IoT gestütztes robotersystem für die fortschrittliche zugangskontrolle und überwachung	Arun Kumar Rana, Souvik Ganguli, Tapsi Nagpal, Nirav Kalaria, Vipin Pal, Rajkumar	G11734DE	05-07-2022	15-07-2022	G11734DE	Granted
2	Ein IoT Hasautomationssystem für personen mit behinderungen	Arun Kumar Rana, Rajkumar, Souvik Ganguli, Tapsi Nagpal, Nirav Kalaria, Vipin Pal,	G11643DE	09-08-2022	20-10-2022	G11643DE	Granted
3	Portable 3D Scanner	Dr.Monika Bhatnagar et. al.	365323-001	06-09-2021	02-06-2022	365323-001	Granted
4	IoT based smart gloves with flexi sensor for remote operation	Bipin Pandey, Dheeraj Gurjar, Swapnil Raj, Probeer Sahw, Chitragada Chaubey	363398-001	28-04-2022	02-12-2022	363398-001	Granted
5	METHOD AND SYSTEM FOR DETERMINING HEAT AFFECTED ZONE DURING THE LASER BEAM DRILLING	1. Dr. Yogesh Shrivastava 2. Dr. Bhagat Singh 3. Dr. Akshay Jain	2021102727	21-05-21	13-04-2022	2021102727	Granted
6	A system for Chatter free operation of CNC lathe	Dr. Yogesh Shrivastava, Dr. Bhagat Singh, Pankaj Gupta and Mr. Rohit Mishra	202022104366	01-08-2022	05-08-2022	202022104366	Granted

7	Laser Based Force Transducers for Precision Force	Pawan Kumar Arora, Yogesh Shrivastava , Harish Kumar, Anil Kumar Sethi, Shahroz Akhtar Khan,	202022103359	15/06/2022	21-06-2022	202022103359	Granted
8	AI BASED MOBILE ROBOT SYSTEM	Dr. Preeti Sharma, Ms.Shanu Sharma, Mr.Chandahas Mishra, Ms.Mala Yadav,	202211070010	05-12-2022	30-12-2022	202211070010	Published
9	SYSTEM TO COMBINE MULTI-SOURCE CONTENT IN DIGITAL TVPROGRAM GUIDES	Ritu Dewan, MAYANK KUMAR GOYAL DR. ANUP GIRDHAR	202211013505	12-03-2022	18-03-2022	202211013505	Published
10	A METHOD FOR BULK LOG OUT FROM MOBILE APPLICATION	RITU DEWAN, Dr. Mayank Kumar Goyal, Sanjay Ahuja, Anup Girdhar, Dr. Parveen Sadotra	202211032671	08-06-2022	17-06-2022	202211032671	Published
11	SYSTEM AND METHOD FOR RECOMMENDING ADVERTISEMENTS	Mayank Kumar Goyal, Ritu Dewan, Dr. Geetanjali Rathee, Dr. Naveen Jaglan	202211069526	05-12-2022	09-12-2022	202211069526	Published
12	INDIUM TIN OXIDE (ITO) COATED SOLAR STILL	Dr. Sanjeev Kumar Dr. Rajesh Tripathi Dr. Richa Pandey Mr. Kishore Mendam, Dr.	202011035446	17/08/2020	17/02/2022	202011035446	Published
13	AN IMPROVED METHOD OF PREPARATION OF NANOFERTILIZERS PREPARATION	Mohd. Shaikhul Ashraf, Dr. Jaffar Shaik, Dr. Bipin Kumar Srivastava, Dr. S.N. Murthy	202241015673	22/03/2022	25/03/2022	202241015673	Published
14	METHOD AND APPLICATION OF SYNTHETIC METHOD	Dr. Manoj Kumar Pranaraj, Dr. P. Maheswari, Dr. N. Srinivasan Arunsankar, Dr. Bipin Kumar	202231016303	23/03/2022	22/04/2022	202231016303	Published
15	OF BIOLOGICAL STRUCTURAL CARBON/CERIUM	Rekha Sanu, Dr. Bipin Kumar Srivastava, Dr. Savita Verma, Mr. Loganathan, Dr. Kumara Swamy Jella, Mr. Mehta Durva	202221028032	16/05/2022	27/05/2022	202221028032	Published

16	SYNTHESIS AND CHARACTERIZATION OF VANADIUM COMPLEXES WITH QUADRIDENTATE	Savita Verma, Dr. S. Imam Pasha, Dr. P. Arthi, Dr. Monika Singh, Dr. Amit Sharma, Dr. D.T. Sakhare, Dr. K. Hema. Dr.	202211037064	28/06/2022	07-08-2022	202211037064	Published
17	DESIGN OF BIFACIAL SOLAR PANELS FOR EFFICIENT UTILIZATION OF SOLAR ENERGY	ASHEESH KUMAR, BHUVANAPRIYAN.S, DR. SURENDRA KUMAR YADAV, DR. MANITHA P.V, DR. RAJEEV	202241021306	04-09-2022	22/04/2022	202241021306	Published
18	DESIGNING WIRELESS SENSOR NETWORKS BY IMPLEMENTING OPTIMIZATION TECHNIQUES	DR. BIPIN KUMAR SRIVASTAVA, RAM KRISHNA AKULI, DR. SAURABH MITRA, DHARMENDRA KUMAR, GAURAV MORGHARE	202211009477	23/02/2022	03-11-2022	202211009477	Published
19	MACHINE LEARNING BASED APPROACH TO PREDICT THE REGENERATION OF PLANTS AND CROPS	DR. BIPIN KUMAR SRIVASTAVA, RAMA SRIVASTAVA, DR. ASHOK KUMAR KOSHARIYA, DR. SURENDRA KUMAR	202211032156	06-06-2022	07-01-2022	202211032156	Published
20	An Artificial Intelligence based approach integrated with the aspects of Photo-Catalysis for Safeguarding the Environment from Pollution caused by Vehicles	DR. SAVITA VERMA, DR. BIPIN KUMAR SRIVASTAVA, SANDEEP GUPTA, AKSHAY RAJ, DR. VAISHALI JOSHI, DR. MILAN HAIT	202211033385	06-10-2022	07-01-2022	202211033385	Published
21	FACE RECOGNITION BASED ATTENDANCE MANAGEMENT SYSTEM	Dr. Bipin Kumar Srivastava Rama Srivastava, Dr. Annu, Dr. Amit Sharma, Dr. Prasant Singh Yadav, Dr. Pankaj	202211054426	22/09/2022	30/09/2022	202211054426	Published
22	Hybrid PVT-CPC Solar Distillation Unit with rear condensing cover	Dr. Rajeev Kumar Mishra, Dr. Rajesh Tripathi, Dr. Rajendra Prasad	202211046352	16/08/2022	26/08/2022	202211046352	Published

23	METHOD OF MAKING NOBLE METAL NANOPARTICLES FORMED BY GREEN CHEMISTRY	Annu, Dr. Govind Krishna Mishra, Dr. Viraj Hanumantrao Mankar, Ms. Admane Swati Sudhakar, Sarika nigam	202211067158	22/11/2022	12-02-2022	202211067158	Published
24	RENEWABLE GREEN ENERGY FOR SUSTAINABLE DEVELOPMENT	Dr. Amarag Shivastava, Dr. Bipin Kumar Srivastava, Dr. Prateek Nigam, Dr. Chandra Mohan, Dr. Shiva Johri,	202221033886	14/06/2022	07-01-2022	202221033886	Published
25	Massive Machine type communication technique for instant updation in retail shops using 5G	Monika Bhatnagar et. al.	202111018782	23-04-2021	06-04-2022	202111018782	Published
26	5G Network from Space Using Ai and Machine Learning	Dhinakaran M et. al.	202241004564	27-01-2022	04-02-2022	202241004564	Published
27	Design System of IoT driven to Estimating CO2 gas emissions using Machine Learning for smart city	Dhinakaran M et. al.	202241026881	10-05-2022	20-05-2022	202241026881	Published
28	Design system of autonomous Vehicle State Estimation and Mapping- Using AI Approach	Dhinakaran M et. al.	202241032120	05-06-2022	10-06-2022	202241032120	Published
29	METHOD AND SYSTEM TO PREPARE PRICE MATRIX FOR PREDICTING A PRICE RANGE OF AN	Kumar, Mr. lalit Kumar, Ms. Aanchal Vij, Ms. garima Pandey, Ms. Swasti Singhal, Mr. Surendra Kumar, Anupam	202111060803	26-Dec-21	07-01-2022	202111060803	Published
30	Determination of IOT security Attack using novel anomaly detection using	Dr. P. Radhakrishnan, Dr. Ritesh Srivastava, Dr. Veena Mittal, Dr. Sheja Sharma, Mr.	202241032205	06-/06/2022	06-10-2022	202241032205	Published

31	IOT Driven sensor- based crop recommendation system using machine learning for smart Agriculture	Kumar, Ms. Namita Sharma, Ms. Srishti Dikshit, Dr. Javed Miya, Mr. Prasun Tripathi, Dr. R. Umadevi, Ms. B. R. Kavitha, Ms. S. Sowmiasree, Ms. S. Dhanalakshmi, Dr. P.	202241029008	20-May-22	27-05-2022	202241029008	Published
32	A SECURE AND ENERGY-EFFICIENT CONSENSUS MECHANISM FOR ARTIFICIAL INTELLIGENCE	Sharma, Dr. Nidhi Sharma, Dr. Shree Harsh Attri, Dr. Vivek Sharma, Dr. Ritesh Sharma, Dr. Pallavi Jain, Mr. V.P. Muthukumar, Ms. Sudhriti	202241034980	17-06-2022	24-07-2022	202241034980	Published
33	Wi-Fi Based Oxygen Concentrator	A Ambikapathy et. al	346741-001	26-07-2021	06-05-2022	346741-001	Published
34	Device for interactive online learning	A Ambikapathy et. al	344305-001	07-06-2021	08-07-2022	344305-001	Published
35	Expert System Based Mathematical Model for Humanoid Robot Designing Reference	THENMOZHI, PROF SARANGE SHREEPAD, DR. V. SELVI, V. JAYALAKSHMI, DR. C. KAVITHA, Dr. MOHAMMAD	202241071543	12-12-2022	30-12-2022	202241071543	Published
36	Cost Benefit Analysis of Earthquake Resistant Structure	Mr. Harivansh kumar chaudhary Mr. Yogendra Sharma Mr. Akash Malik, Mr. Arun kumar Mr. Rikshit kumar Mr. Vishwas malik	202211025756	03-05-2022	06-05-2022	202211025756	Published

37	IoT Driven ML-based Automated Water Quality Monitoring System for Industrial building	AKASH MALIK Vishwas Malik Harivansh Kumar Chaudhary Rikshit Kumar Arun kumar Neelam	202241011687	03-03-2022	18/03/2022	202241011687	Published
38	PYTHON BASED ERP INTERACTION SYSTEM (FOR ATTENDANCE RELATED WORKS)	Manohar Singh, Manoj Kumar Lohumi, Brijesh Singh	1887/2022-CO/L	28/01/2022	25-03-2022	1887/2022-CO/L	Published