

**Galgotias College of Engineering and Technology Department of IT Engineering  
Patent**

S. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor(s) Name as per the sequence mentioned on the patent	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY)	Patent Published Date / Granted Date (DD/MM/YY)
1	472281-001	Granted	Vineet Kumar Chauhan	AI-ENABLED MEDICAL IMAGING ANALYSIS UNIT	Vineet Kumar Chauhan	3/9/2025	18/12/2025
2	470063-001	Granted	Vineet Kumar Chauhan	AI AND IMAGE PROCESSING-BASED PANCREATIC CANCER DETECTION DEVICE	Vineet Kumar Chauhan	18/8/2025	13/11/2025
3	6471075	Granted	Shanu Verma	AI-ENABLED COMPUTER FOR CUSTOMER RELATIONSHIP MONITORING AND INTERACTION	Ms. Shanu Verma	10/9/2025	25/09/2025
4	451700-001	Granted	Vineet Kumar Chauhan	AI-DRIVEN IOT HEALTHCARE MANAGEMENT DEVICE WITH PREDICTIVE ANALYTICS	Vineet Kumar Chauhan	17/3/2025	10/07/2025
5	12456/2025-CO/L	Published	Meenakshi Yadav	AI'S ROLE IN RESHAPING INDUSTRY 5.0: THE FUTURE OF HUMAN-MACHINE COLLABORATION (COPYWRITE)	Meenakshi Yadav	2/4/2025	27/5/2025
6	465039-001	Granted	Archana Das	DEEP LEARNING BASED DEVICE FOR INTRUSION DETECTION	Archana Das	#####	27-10-25
7	452917-001	Granted	Rashi	BRAIN TUMOR RECOGNITION	Rashi	#####	03-07-25
8	479124-001	Granted	Archana Das	AI-ENABLED MEDICAL DEVICE FOR CANCER PREDICTION	Archana Das	#####	28-01-26
9	6338038	Granted	Dr. S. K. Singh	IOT PARKING SENSOR	Dr. S. K. Singh	06-01-24	02-02-24
10	6385762	Granted	Vineet Kumar Chauhan	MOBILE MEDICAL ROBOT ON WHEELS WITH SEVERAL SENSORS	Vineet Kumar Chauhan	20-08-24	25-08-24
11	202311042259	Published	Ms. Archana Das, Ms. Preeti Katiyar, Ms. Rashi Chaudhary	DETECTION AND DIAGNOSIS OF PROSTATE CANCER USING DEEP LEARNING	Ms. Archana Das, Ms. Preeti Katiyar, Ms. Rashi Chaudhary	23-06-2023	21-07-2023
12	202311048893	Published	Ms. Archana Das, Mr. Saswat Kumar Das	WEED DETECTION IN CROPS USING MACHINE LEARNING TECHNIQUES USING MACHINE LEARNING TECHNIQUES"	Ms. Archana Das, Mr. Saswat Kumar Das	20-07-2023	11-08-2023
13	202311079756	Published	Ms. Archana Das, Ms. Preeti Katiyar, Ms. Rashi Chaudhary	HOTSPOT DETECTION BASED ON MACHINE LEARNING	Ms. Archana Das, Ms. Preeti Katiyar, Ms. Rashi Chaudhary	23-11-2023	29-12-2023
14	202311056740	Published	Amit Seth, Dr.S.Parameswari, Dr. Kazi Kutubuddin Sayyad Liyakat, Dr. Parveen Begam, Mr. Matta Venkata Pullarao,Dr. N. M. Spencer Prathap Singh , Ritamshirsa Choudhuri, Dr. T. Venkatakrishnamoorthy, Dr. Santanu Santra, Dr. Ch. Manohar	IOT BASED ANSOFT HFSS SOFTWARE IS USED TO DESIGN A K BAND TRANSMITTING ANTEENA FOR HARBOUR SURVEILLANCE RADAR APPLICATIONS	Amit Seth, Dr.S.Parameswari, Dr. Kazi Kutubuddin Sayyad Liyakat, Dr. Parveen Begam, Mr. Matta Venkata Pullarao,Dr. N. M. Spencer Prathap Singh , Ritamshirsa Choudhuri, Dr. T. Venkatakrishnamoorthy, Dr. Santanu Santra, Dr. Ch. Manohar Kumar	24-08-2023	22-09-2023