

Department of Computer Science & Engineering				
PATENT DETAILS (2023-24)				
GRANTED PATENTS				
Sr. No.	Inventors	Title of Invention	Type of Application No.	Patent Application No.
1	Prof.(Dr)Amit Verma, Prof.(Dr) Birajashis Pattnaik, Iqbaldeep Kaur and Mr.Shantanu	Meta Runner Shoes	Complete Application	201611012955
2	Prof.(Dr)Amit Verma, Iqbaldeep Kaur and Tanisha	Method Of Detection Of Jamming Attack In Manet Using Red Protocol In CRCN Environment	Complete Application	201611039090
3	Ankit Singh, Vijay Singh, Anmol Aneja, Manish Dubey	Fault Detection System For Railway Tracks	Complete Application	201811030953
4	Dapinder Kaur	Sonic Wheelchair	Complete Application	201711014118
5	Dr Amit Verma, Iqbaldeep Kaur, Sumit Kaur	Method For Embedding Data In Images By Steganography	Complete Application	201811048451
6	Dr.Amit Verma, Iqbaldeep Kaur, Vanshika Arora	Software Based Flame And Timing Control System	Complete Application	201811017029
7	Dr. Amit Verma, Gagandeep Bhatia, Dr.Gagandeep	Image Classification System And Method Thereof	Complete Application	201811039842
8	Ankit Singh, Vijay Singh, Anmol Aneja, Manish Dubey	Automatic Railway Crossing Barrier System And A Method Thereof	Complete Application	201811041296
9	Dr. Amit Verma, Iqbaldeep Kaur, Tanisha Saini	A System And Method For Indoor Navigation	Complete Application	201811011422
10	Prof.(Dr)Amit Verma, Iqbaldeep	Method For Re-Association Of Sensor Nodes For	Complete Application	201611012946

	Kaur, Tanisha Saini	Facilitating Secure Information Handover		
11	Prof.(Dr)Amit Verma, Iqbaldeep Kaur, Tanisha Saini	Mobile Wireless Sensor Network Design For Minimization Of Consumption Of Energy And Fault	Complete Application	201611016427
12	Dr. Amit Verma, Iqbaldeep kaur, Sumit kaur	Method Of Wireless Communication Using Routing Protocol	Complete Application	201811027672

FILED PATENTS

Sr. No.	Inventors	Title of Invention	Type of Application No.	Patent Application No.
1	Dr. Mahak Gambhir, Dr. Renu Nagpal, Manpreet Kaur, Kamalinder Kaur, Ishpreet Singh Virk	Rfid-Based Healthcare Management System	Complete Application	202311056165
2	Monika Gosain	Iot-Based Agriculture Management System	Complete Application	202311056284
3	Monika Gosain, Harpreet Kaur	Goods Transportation Assistive System For Heavy Vehicles	Complete Application	202311056285
4	Dapinty Saini, Monika Gosain	Iot-Based Virtual Apparel Trial And Recommendation Device	Complete Application	202311056286
5	Jaspreet Kaur	Auto-Generated Utility Bill Payment System	Complete Application	202311056287
6	Rajiv Sharma, Gagandeep, Gaurav Goel	Garbage Segregation And Transportation System	Complete Application	202311056288
7	Parneet Kaur, Dr. Sukhpreet Kaur	Adjustable Eating Assistive System For Toddlers	Complete Application	202311056290

8	Dr. Mahak Gambhir	Automated Travel Photography Assistive System For Two-Wheelers	Complete Application	202311056596
9	Sukhdeep Kaur, Dr. Sukhpreet Kaur	Virtual Reality Based Health Diagnostic And Consultation System For Remote Location	Complete Application	202311056597
10	Harpreet Kaur	Secured Transaction Processing System	Complete Application	202311056593
11	Chirag Gupta	Surgical Equipment Inventory Management System For Hospitals	Complete Application	202311085531
12	Sukhdeep Kaur	A Method And System For Optimizing Cab Operations	Complete Application	202411043136
13	MANDEEP KAUR, Dr. Rohit, Dr. Sukhpreet Kaur	Map-Based Web Application	Complete Application	202411043133
14	Dapinty Saini	Graphical User Interface Of An App	Complete Application	419829-001
15	Dr. SUKHPREET KAUR	Internet Of Things (Iot) Based Wireless Charging System	Complete Application	202411046489
16	MS. SAUMYA RAJVANSHI	An Ai (Artificial Intelligence) Based Home Services Providing System	Complete Application	202411046490
17	ROHIT, MANDEEP KAUR	An Augmented Reality (Ar) System For Enhancing Biodiversity Education	Complete Application	202411046491
18	MONIKA GOSAIN	Vehicle Surveillance And Health Monitoring System	Complete Application	202411046492
19	PARNEET KAUR	System And Method For Monitoring Skin Texture Using Ai/ML Model	Complete Application	202411046493

PUBLISHED PATENTS				
Sr. No.	Inventors	Title of Invention	Type of Application No.	Patent Application No.
1	Saumya Rajvanshi, Gurleen Kaur, Bipul Harsh, Shubham Bansal	Airplane Rescue Assistive Device	Complete Application	202211054432
2	Aakash Bhatia, Aman Kumar, Monika Gosain, Sukhpreet Kaur	Student Induction Management System	Complete Application	202211077320


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