



## RDC Cell

### Published Patent Details

S. No.	Name of Faculty	Deptt.	Patent Title	Name of All Inventors	Application Number	Date of Published
1	Ajit & Gianender Kajal	Mechanical	A Smart Mechanical-Electronic Interface for Real-Time Monitoring and Control in Manufacturing Processes	Ajit, Himanshu Garg, Gianender Kajal, Amit Garg & Pratibha Malik	202411016259	05.04.2024
2	Pradeep Kumar Mouria	Mechanical	Safety Glasses with Earbuds for Workers	Dr. Shweta Mongia, Vandana Ahuja, Pradeep Kumar Mouria, Himanshi Babbar, Ashima Saxena, Shivam Gaur, Yogita Sharma, Ankit Raj & Venkatesh Bharti	370592-001	01.03.2024
3	Mrinal Pandey & Mamta Arora	CST	A Medical Insurance Claim Settlement Using Blockchain Technology	Mrinal Pandey, Mamta Arora & Shraddha Arora	202411005445	09.02.2024
4	Kaveri Sharma & Shaharyar Asaf Khan	Law	A Novel Method for Real-Time Autonomous Vehicle Traffic Management	Inderpreet Kaur, Kaveri Sharma, Shaharyar Asaf Khan, Jyoti Verma, Shubham Kumar Sajan, Pronika	202411006416 A	09.02.2024
5	Mrinal Pandey & Mamta Arora	CST	IOT Based Assistive Wearable Low Vision Enhancement Device for Blindness and Vision Impairment	Mrinal Pandey, Mamta Arora, Monika Goyal, Narinder Kaur Seera & Charu Jain	202411001594	02.02.2024
6	Priyanka Chadha	Management &	Foldable Desk cum Laptop Cooling Pad	Dr. Rajesh. P. Jawajala, Dr. Amruta. R. Jawajala, Dr. Gurbir Singh Khera,	362657-001	15.12.2023

S. No.	Name of Faculty	Deptt.	Patent Title	Name of All Inventors	Application Number	Date of Published
		Commerce		Rajat Gera, Dr. Priyanka Chadha, Venaktesh, Soni and Dr. Alok		
7	Dinesh Kumar Sharma	Sciences-Physics	Erosion Protection System for Solar PV Panels	Dinesh Kumar Sharma	202311072581	24.11.2023
8	Nitika	ECE	Verification of Dynamic Signature Using AI	Richa Malhotra, Shimpy Goyal, Nitika, Varsha Gupta, Shivani Duggal, Gagandeep Kaur & Neetu Settia	202311065878	20.10.2023
9	Dinesh Kumar Sharma	Sciences-Physics	A Lightning Protection System for Rooftop Solar PV Panels	Dinesh Kumar Sharma	202311060466	06.10.2023
10	Dinesh Kumar Sharma	Sciences-Physics	An Enhanced Multi-Beam Interference Utilizing Modified Lens System	Dinesh Kumar Sharma	202311047089	11.08.2023
11	Charu Pathak, Piyush Charan & Joginder Singh	ECE/ Mechanical	IoT Driven Sensor Network Alert System for Detection of Hydrogen Gas Leakage in Distribution Pipelines	Prof. (Dr.) Hukam Singh, Dr. R. Girija, Varun Kumar Gera, Dr. S.L. Jayalakshmi, Ms. S.L. Jothi Lakshmi	202311039870 A	07.07.2023
12	Piyush Charan	ECE	Implementation of Artificial Intelligence Techniques through Machine Learning Algorithms for Cybercrime Detection	Neerav Nishant, Amit Shukla, Ojeshwar Pawan Sharma, Sinduja K, Vijayakumar E, R Vani, Abhishek Kajal, Piyush Charan, Adv. Isha Kajal, Amit Chauhan, Deepak Bansal, Masan Senthilkumar & Zohaib Hasan Khan	202311020458	19.05.2023
13	Pradeep K. Varshney & Meena Kapahi	Sciences-Chemistry	The Composition for Increasing Flame Longevity and Reducing Camphor Volatility	Meeta Singh, Gurpreet Singh, Shruti Vashist, Yogita Khanna	202111061475	30.06.2023
14	Meena Kapahi &	Sciences-Chemistry	TEATEST	Abhiruchi Passi, Pratima Manhas, Sachin Lakra,	202111061579	30.06.2023

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	Roopa Rani			Manpreet Kaur		
15	Yogita Khanna, Pradeep K. Varshney & J.P. Sharma	ECE Sciences- Chemistry Mechanical	Lead-Acid Battery Cell Reconfigurable Arrangement for Enhanced Battery Life	Manoj Nayak, Nitesh Malhotra, Niharika Thakur, Yogita Khanna	202111061504	30.06.2023
16	Charu Pathak & Shruti Vashist	ECE	Refrigeration Automation System	Parul Gandhi, Vimlesh Singh, Vijay Gill, Lokesh Bhardwaj	202111061566	30.06.2023
17	Priyanka Chadha	Management & Commerce	Safety Wrist Band	Charu Virmani, Irshad Ahmad, Meenakshi Gupta, Bhanu Choudhary	361993-001	23.06.2023
18	Piyush Charan	ECE	Analysis and Management of Overload Protection of EV Batteries for Bringing Forth Environment Friendly	Dr. Anthati Sreenivasulu, Dr. M Pala Prasad Reddy Dr. Piyush Charan, Prof Dr. Jyoti Prasad Patra, Dr. Manasi Vyankatesh Ghamande, M Rambabu Roshan Kisan Bonde, V.S.B. Engineering College Dr.P. Arul Kumar, Rashi Goswami, Anand Goswami & Dr. Maaz Allah Khan	202341036797	16.06.2023
19	Anup Kushwaha	CST	Blind People's Intelligent System Based on IoT, AI, Machine Learning and Cloud Computing	Dr. Mahboob Alam, Dr. Pradeep Kumar, Dr. Tapas Kumar, Mr. Kaushal Kumar, Mr. Anup Kushwaha	202311022454 A	19.05.2023
20	Maharaj Krishen Koul	Management & Commerce	Effective Transformation Technique and Solution with Principles of Supply Chain to Mitigate Carbon Emission	Dr. Jaideep Sharma, Dr. Chand Rashid, Dr. Ashish Kumar Singh, Dr. Ravi Kant Sharma, Mr. Reji John, Dr. Subrato Ganguly, Mr. Maharaj Krishen Koul	202311021917 A	19.05.2023
21	Ankita Gaur	Sciences- Mathematics	The Impact of using Automation is	Tapas Kumar, Kanchan Bhardwaj, Agha Imran Hussain, Manoj Kumar	202321026411 A	12.05.2023

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			Transforming the Supply Chain Industry			
22	Piyush Charan	ECE	Machine Learning and Wireless Sensor Networks Based Approaches for Analysis Environment Pollution on Smart Cities	Dain Thomas, Vimlesh Singh, Joginder Singh, Ajit Katiyar	202311016337 A	12.05.2023
23	Yojna Arora	CST	Neural Network for Facial Detection using Deep Learning	Dinesh Chawla, Ashish Grover, Ajit Katiyar, Jai Prakash Singh	202311025684	04.04.2023
24	Nitika	ECE	Driver Less Vehicle Controlled By Using Voice	Abhiruchi Passi, Manoj Nayak, Jyoti Pruthi, Manpreet Kaur	202311013974 A	17.03.2023
25	Sanjay Singh, Urmila Pilania, Manoj Kumar, Anupriya Sharma & Narender Gautam	CST	Design System of NLP as Spelling Correction for Offline Handwritten Text Recognition Using Machine Learning	Shobha Tyagi, Vimlesh Singh, Hanu Bhardwaj, Susmita Ray	202341005220 A	24.02.2023
26	Mamta Arora	CST	Blockchain-Based Finance Tracking System and Method Thereof	Rashmi Rameshwari, Manisha Vashisht, Chandni Magoo, Susmita Ray	202311008208	17.02.2023
27	Manoj Kumar, Urmila Pilania & Sanjay Singh	CST	Fractional-Order Polar Harmonic Transforms with Funk Singular Value Decomposition for Secure Image Watermarking Technique	Manoj Nayak, Ashish Grover, Jai Prakash Singh, Joginder Singh	202341007288 A	10.02.2023
28	Ruchi Gupta	Sciences-Mathematics	A Kind of Multi-Dimensional Data Analytical System Based on	Abhiruchi Passi, Pratima Manhas, Yogita Gupta, Nitika Munjal	202311003702 A	27.01.2023

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			Business Object			
29	Vijay Kumar Gill & Chandni Maggo	ECE/CST	DIY Power Bank with Plasma Lighter	Pankaj Shakkarwal, Neha Chaudhary, Yogita Gupta, Lokesh Bhardwaj	202311000807	13.01.2023
30	Yogita Gupta & Priti Gupta	ECE/Sciences-Chemistry	Voice-Based Water Dispensing System and Method Thereof	Meena Kapahi, B.M. Bahl	202311000810	13.01.2023
31	Jyoti Pruthi & Gianender	CST/Mechanical	Anti-Theft System for Vehicle and Method Thereof	Tapas Kumar, Poonam Tanwar, Hanu Bhardwaj & Prinima Gupta	202311000809	13.01.2023
32	K. Deepa & Manpreet Kaur	ECE/CST	Internet of Things (IOT) Based intravenous (IV) Fluid Monitoring and Alerting System and Method	Dr. Neha Gupta, Dr. Indu Kashyap, Ms. Chandni Maggo & Dr. Sachin Lakra	202311000806	13.01.2023
33	Prinima Gupta & Susmita Ray	CST	Student College Smart Card	Dr. Sabiha Imran, Dr. Sachin Sharma, Dr. Manpreet Kaur, Dr. Susmita Ray	202311000812	13.01.2023
34	Anshuman Sahai & Deepti Maikhuri	Sciences-Physics	Mobile Phone & Cash UV Disinfectant for COVI	Charu Virmani, Shobha Tyagi, Prinima Gupta, Manoj Kumar	202311000811	13.01.2023
35	Shruti Vashist & Sachin Lakra	ECE/CST	Image Forgery Detection System and Method Thereof	Rosy Madan, Srishty Jindal, Manoj Kumar, Agha Ram Hussain	202311000808	13.01.2023
36	R. Girija	CST	Radio Frequency Identification (RFID) Based Travel Ticket Booking System and Method Thereof	Savita, Nitasha Soni, Susmita Ray, Chandni Maggo	202311000813	13.01.2023

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37	Shruti Vashist	ECE	IOT Based Traffic Monitoring Device	Arko Bagchi, Tanu Dua, Jyoti Pruthi, Prinima Gupta	202311000200 A	06.01.2023
38	Shruti Vashist & Lokesh Bhardwaj	ECE	Automated System for Governing Traffic Lights	Dr. Ajay Singh Yadav, Dr. Nitin Kumar, Dr. Rachna Agarwal, Dr. Ankita Gaur, Dr. Swati Bhatt, Dr. Pravesh, Dr. Anupam Swami, Dr. Navin Ahlawat, Mr. Ritvik Sharma, Ms. Unnati Sadh	202211075717	06.01.2023
39	Niharika Thakur & Yogita Gupta	ECE	IR Based Obstacle Detection for Load Switching Project	Dr. Ajit, Priyanka Gupta, S.N. Deepa, Rajakumar B.R., Binu Dennis,	202211075718	06.01.2023
40	Meena Kapahi & Priti Gupta	Sciences-Chemistry	Plant Soil Moisture Monitoring System and Method Thereof	Dr. Riya Sapra, Dr. Shraddha Arora, Dr. Parneeta Dhaliwal	202211075723	06.01.2023
41	K. Deepa & Vijay Kumar Gill	ECE	Smart Burglar Alarm - Complete Patent Application	Dr. Satya Prakash Awasthi, Dr. Sanjay Singh, Dr. Urmila Paliania, Mr. Manoj Kumar	202211075714	06.01.2023
42	Piyush Mahendru & J. P. Sharma	Mechanical	System for Monitoring a Health and a Fuel Usage of a Vehicle and Method Thereof	Dr. Satya Prakash Awasthi, Dr. Damodharan Palaniappan, Dr. Sanjay Singh	202211075722	06.01.2023
43	Shruti Vashist & Charu Pathak	ECE	Energy Monitoring System	Dr. Senthil Kumar Kathiresan, Dr. Sri Hari Nallamala, Dr. Amit Singla, Dr. Vijendra Singh, Dr. Ankita Gaur, Dr. Ajay Singh Yadav	202211075715	06.01.2023
44	K. Deepa	ECE	Smart Shopping Cart	Ms. Priyanka Yadav, Dr. Anil Kumar Sharma, Dr. Kalpana Shukla, Mr. Tej Raj, Dr. Prashant Kumar, Dr. Satyendra Singh	202211075721	06.01.2023
45	Meena Kapahi	Sciences-Chemistry	Sustainable Rotating Biological Contactor (SRBC)	Dr. M.Thirunavukkarasan, Dr. Rajasekaran Saminathan, Dr. Mohammed Tharwan, Pragya Tewari, Dr. Mohamed Mallick, Swadesh Kumar Maurya, A.S.Mohammed	202211075724	06.01.2023

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				Shariff, Dr. R.Girija, Rajakumar.P, Dr. C.Bagath Basha		
46	Prashant Bhardwaj & Joginder Singh	Mechanical	Distance Pruning	Dr. Hambeer Singh, Dr. Deepankar Sharma, Dr. Ruchi Gupta, Mr. Raveendra Kumar Bharati, Ms. Vasudha Tiwari, Prof. (Dr) Anil Kumar	202211075716	06.01.2023
47	Niharika Thakur & Bhanu P. Choudhry	ECE	Home Automation System using MQTT Protocol and ESP32	Venkatesh, Heena, Dr. Ruchika, Dr. Gurbir, Dr, Ashima, Dr. Manmeet, Dr. Priyanka, Dr. Rajat and Amitesh Sinha	202211075725	06.01.2023
48	Gianender & Ajit Katiyar	Mechanical	Water Heater Bottle	Kuldeep Singh, Abhishek Pandey, Amit Kumar Dubey, Smriti Mishra, Pradeep Kumar Mouria, Shailesh Kumar Singh	202211075719	06.01.2023
49	Roopa Rani	Sciences-Chemistry	Water Health Monitoring System and Method Thereof	Venkatesh Bharti, Amitesh Sinha, Vandana Ahuja, Dr. S.K Bose, Dr. Gurbir Singh Khera, Dr. Priyanka Chadha, Dr. Pragati Saxena, Dr. Rajat Gera	202211075726	06.01.2023
50	Jyoti Pruthi & Susmita Ray	CST	First Information Report (FIR) Lodge and Assistance System and Method Thereof	Dr. Shalu, Pooja Bhardwaj, Miss. Shyla, Miss. Uma Tomer, Preeti Raturi, Dr. Prerana Rai, Dr. Parul Gandhi, Gaurav, Miss. Shruti Sinha, S.V.G.V.A Prasad, Dr. Lakshmi D, Prof.Ramesh Chandra Panda	202211076379	06.01.2023
51	J. P. Sharma & Bhanu P. Choudhry	Mechanical/ECE	A Novel Motor Vehicle Window Pane Closure Detector	Anil Kumar,Rashmi Mishra, Adarsh Mangal, Hambeer Singh, Sachin Kumar, Ruchi Gupta, Sajjan Lal & Rupa Rani Sharma	202211076376	06.01.2023
52	Nitika Munjal & Meenakshi Gupta	CST/ECE	System for Generating Alert Against Infectious Diseases and Method Thereof	Dr. Shalu, Ms. Neha Batra, Dr. Poonam Rani, Ms. Shyla, Ms. Sumita Lamba, Ms. Pinki Sagar, Ms. Sweety, Dr. Sahabul Alam, Dr. Rama Sharma, Pooja	202211076380	06.01.2023

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				Bhardwaj, Prof Ramesh Chandra Panda		
53	Manpreet Kaur & Chandni Maggo	CST	Intelligent Security System for Bank Lockers	Dr. M. Thurai Pandian, Dr. P. Damodharan, Dr. Sanjay Singh, Mr. Ankur Kumar Aggarwal	202211076374	06.01.2023
54	Parneeta Dhaliwal & Hanu Bhardwaj	CST	Video Calling/Recording Smartphone Stand	Dhruv Rohatgi, Aayushi Aggarwal, Siddharth Srivastava, Palak Gupta, Suresh Kumar	202211076378	06.01.2023
55	Ananna Bardhan & D.K. Sharma	Sciences-Physics	System and Method for Monitoring Air Quality	Yogita Khanna, Y K Awasthi, Anshuman Gupta	202211076381 A	06.01.2023
56	R. Girija	CST	Intelligent and Portable Rain Water Harvesting Kit for Smart Gardens Based on Biconvlstm	Prateek, Sorabh, Shailesh	202211073374 A	30.12.2022
57	Shruti Vashist & Yogita Khanna	ECE	Rain Sensing Automatic Car Wiper	Sabiha Imran	202211069264	30.12.2022
58	Sachin Lakra & Manpreet Kaur	CST	Electronic Voting System using Blockchain	Gurpreet Singh Matharou, Ritesh Kumar Nagar	202211069265	30.12.2022
59	Niharika Thakur & Yogita Khanna	ECE	Eye Ball Sensor for Automatic Wheel Chair for Paralyzed Patients	Shaveta Bhatia, Shiv Shankar Rai	202211069266	30.12.2022
60	Vijay Gill & Lokesh Bhardwaj	ECE	Android Smart Ticketing Using RFID	Y.K Awasthi, Gaurav Saxena	202211069261	30.12.2022
61	Meenakshi Gupta & Bhanu Choudhary	ECE	Ultrasonic Blind Walking Stick	Priyanka Gupta, Hardeo Kumar Thakur, Binu Dennis & Rajakumar B. R.	202211069263	30.12.2022
62	Agha Imran	CST	Cancer Prediction System using	Meena Kapahi, Arpit Sand, B.M Bahal, Akansha Ahuja	202211069262	30.12.2022



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	Hussain & Manoj Kumar		Data Mining Techniques and Method Thereof			
63	Joginder Singh & Ajit Katiyar	Mechanical	Solar Energy Based Multipurpose Agricultural Robotic Vehicle	Prof. (Dr.) Hukam Singh, Dr. R. Girija, Varun Kumar Gera, Dr. S.L. Jayalakshmi, Ms. S.L. Jothi Lakshmi	202211072396	30.12.2022
64	Ajit Katiyar	Mechanical	Solar Panel Power Generation using ESP32	Meeta Singh, Gurpreet Singh, Shruti Vashist, Yogita Khanna	202211072397	30.12.2022
65	Jyoti Pruthi & Manpreet Kaur	CST	Sound Enabled Polling Machine for Visually Challenged Voters and Method Thereof	Abhiruchi Passi, Pratima Manhas, Sachin Lakra, Manpreet Kaur	202211072393	30.12.2022
66	Hanu Bhardwaj & Susmita Ray	CST	Biometric Student Attendance System App	Manoj Nayak, Nitesh Malhotra, Niharika Thakur, Yogita Khanna	202211072398	30.12.2022
67	Chandni Magoo & Susmita Ray	CST	Brain Tumor and Alzheimer's Detection Flutter App	Parul Gandhi, Vimlesh Singh, Vijay Gill, Lokesh Bhardwaj	202211072394	30.12.2022
68	Joginder Singh	Mechanical	Smart Solar Grass Cutter With Lawn Coverage	Charu Virmani, Irshad Ahmad, Meenakshi Gupta, Bhanu Choudhary	202211072395	30.12.2022
69	Yogita Gupta & Nitika Munjal	ECE/CST	Smart Mosquito Repellant Device	Tapas Kumar, Kanchan Bhardwaj, Agha Imran Hussain, Manoj Kumar	202211075713	30.12.2022
70	Yogita Gupta & Lokesh Bhardwaj	ECE	Remote Assisted Refrigerator Door Monitoring with IoT	Dain Thomas, Vimlesh Singh, Joginder Singh, Ajit Katiyar	202211075720	30.12.2022
71	Yogita Sharma &	Management &	Classroom Participation	Shweta Mongia, Vikas Chaudhary, Yogita	202211071433 A	23.12.2022

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	Khushboo Gulati	Commerce	Detection Device	Sharma, Khushboo Gulati, Ashima Saxena, Adarsh Pratap Singh, Anshul, Meenakshi Gujral & Rajat Gera		
72	Meena Kapahi, B.M. Bahl	Sciences-Chemistry / Sciences-Physics	Horizontal Aerobic & Biodegradable Composting	Dinesh Chawla, Ashish Grover, Ajit Katiyar, Jai Prakash Singh	317375-001	23.12.2022
73	Hanu Bhardwaj & Prinima Gupta	CST	System and Method for Product Identification for Visually Impaired Users	Abhiruchi Passi, Manoj Nayak, Jyoti Pruthi, Manpreet Kaur	202211068867	02.12.2022
74	Chandni Maggo & Sachin Lakra	CST	Orange Fruit Recognition System Using Image Segmentation And Method Thereof	Shobha Tyagi, Vimlesh Singh, Hanu Bhardwaj, Susmita Ray	202211068868	02.12.2022
75	Manpreet Kaur & Susmita Ray	CST	Brain Tumor Detection Using Image Segmentation	Rashmi Rameshwari, Manisha Vashisht, Chandni Magoo, Susmita Ray	202211068869	02.12.2022
76	Prinima Gupta & Manoj Kumar	CST	Blockchain-Based Cloud File-Sharing System and Method Thereof	Manoj Nayak, Ashish Grover, Jai Prakash Singh, Joginder Singh	202211068870	02.12.2022
77	Manoj Kumar & Agha Ram Hussain	CST	Position Based Attendance System (CN)	Abhiruchi Passi, Pratima Manhas, Yogita Gupta, Nitika Munjal	202211068871	02.12.2022
78	Susmita Ray & Chandni Maggo	CST	Medical Assistance System and Method of	Pankaj Shakkarwal, Neha Chaudhary, Yogita Gupta, Lokesh Bhardwaj	202211068865	02.12.2022

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			Generating Reminders Using the Same			
79	Jyoti Pruthi & Prinima Gupta	CST	Voice Based Notice Board Using Android	Meena Kapahi, B.M. Bahl	202211068866	02.12.2022
80	Ankita Gaur	Sciences-Mathematics	Blockchain Model Using Performance Analysis for Supply Chain Management in Enhancing for Sustainable	Tapas Kumar, Poonam Tanwar, Hanu Bhardwaj & Prinima Gupta	202211063271 A	04.11.2022
81	Ajit & Priyanka Gupta	Mechanical CST	Fruit Harvesting Inchworm Robot	Dr. Neha Gupta, Dr. Indu Kashyap, Ms. Chandni Maggo & Dr. Sachin Lakra	202211057825 A	28.10.2022
82	Parneeta Dhaliwal	CST	Autonomous Blockchain Based System for Generation and Delivery of Photographic Aadhaar linked Birth Certificates	Dr. Sabiha Imran, Dr. Sachin Sharma, Dr. Manpreet Kaur, Dr. Susmita Ray	202211058422 A	21.10.2022
83	Sanjay Singh, Urmila Pilania & Manoj Kumar	CST	Design System of IoT Stress Level Identification in EEG Signal Using AI for Smart Healthcare	Charu Virmani, Shobha Tyagi, Prinima Gupta, Manoj Kumar	202241054051 A	30.09.2022
84	Sanjay Singh	CST	System and Design of Wind-Induced Pressure Prediction on Tall Buildings Using Machine Learning	Rosy Madan, Srishty Jindal, Manoj Kumar, Agha Ram Hussain	202241049211	09.09.2022
85	Ankita Gaur	Sciences-Mathematics	Big Data and Machine Learning Based Approach for Wireless Network Resource Management	Savita, Nitasha Soni, Susmita Ray, Chandni Maggo	202241047440 A	26.08.2022
86	Kalpna Shukla	Sciences-Mathematics	A Smart System for Monitoring	Arko Bagchi, Tanu Dua, Jyoti Pruthi, Prinima Gupta	202211025204 A	06.05.2022

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			Charging of Electric Vehicle Battery using Smart Portable Charger			
87	R.Girija	CST	IoT Driven Sensor Fusion with Deep Learning for the Detection of Dangerous Driver Behavior	Dr. Ajay Singh Yadav, Dr. Nitin Kumar, Dr. Rachna Agarwal, Dr. Ankita Gaur, Dr. Swati Bhatt, Dr. Pravesh, Dr. Anupam Swami, Dr. Navin Ahlawat, Mr. Ritvik Sharma, Ms. Unnati Sadh	202241019015	08.04.2022
88	Ruchi Gupta	Sciences-Mathematics	A System for Breast Cancer Image Classification using 2C Algorithm with Multiclass Support Vector Machine Interfaces	Dr. Ajit, Priyanka Gupta, S.N. Deepa, Rajakumar B.R., Binu Dennis,	202211017594 A	01.04.2022
89	Priyanka Chadha	Management & Commerce	Health Diagnosing System	Dr. Riya Sapra, Dr. Shraddha Arora, Dr. Parneeta Dhaliwal	361299-001	01.04.2022
90	Pradeep Kumar Mouria	Mechanical	Process Parameters of Friction Stir Welding of Dissimilar Aluminum Alloys	Dr. Satya Prakash Awasthi, Dr. Sanjay Singh, Dr. Urmila Pilania, Mr. Manoj Kumar	202211009420	04.03.2022
91	S.K. Bose	Law	A Novel Device to Produce Electrical Energy using Vibration Generated by its Surrounding	Dr. Satya Prakash Awasthi, Dr. Damodharan Palaniappan, Dr. Sanjay Singh	202211008825	25.02.2022
92	Ruchi Gupta	Sciences-Mathematics	A System for Mathematical Representation of Various Physical Systems Using Interactive Graphic User Interface and	Ms. Priyanka Yadav, Dr. Anil Kumar Sharma, Dr. Kalpana Shukla, Mr. Tej Raj, Dr. Prashant Kumar, Dr. Satyendra Singh	202111057737 A	17.12.2021

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			Method thereof			
93	Shalu	CST	A System for Monitoring Social Distance and generating alerts Using IoT	Dr. M.Thirunavukkarasan, Dr. Rajasekaran Saminathan, Dr. Mohammed Tharwan, Pragya Tewari, Dr. Mohamed Mallick, Swadesh Kumar Maurya, A.S.Mohammed Shariff, Dr. R.Girija, Rajakumar.P, Dr. C.Bagath Basha	202111046254 A	29.10.2021
94	M. Thurai Pandian, Sanjay Singh & Ankur Kumar Aggarwal	CST	Design System of PEIS for Handle Large-RFID Network	Dr. Hambeer Singh, Dr. Deepankar Sharma, Dr. Ruchi Gupta, Mr. Raveendra Kumar Bharati, Ms. Vasudha Tiwari, Prof. (Dr) Anil Kumar	202141046045	22.10.2021
95	Dhruv Rohatgi, Aayushi Aggarwal, Siddharth Srivastava, Palak Gupta & Suresh Kumar	CST	Automated IOT Based Rapid Medicine Delivery System	Venkatesh, Heena, Dr. Ruchika, Dr. Gurbir, Dr. Ashima, Dr. Manmeet, Dr. Priyanka, Dr. Rajat and Amitesh Sinha	201911040293	03.09.2021
96	Yogita Khanna	ECE	Microwave Sensing Device for Dielectric Characterization of Materials	Kuldeep Singh, Abhishek Pandey, Amit Kumar Dubey, Smriti Mishra, Pradeep Kumar Mouria, Shailesh Kumar Singh	201911031072 A (TEMP/E-1/32827/2019-DEL)	27.08.2021
97	Prateek, Sorabh & Shailesh	CST	Filter cum Stirrer Mechanism for Stir Casting of Composite	Venkatesh Bharti, Amitesh Sinha, Vandana Ahuja, Dr. S.K Bose, Dr. Gurbir Singh Khera, Dr. Priyanka Chadha, Dr. Pragati Saxena, Dr. Rajat Gera	201911023212	27.08.2021
98	Sabiha Imran	Biotech	Isolation and Characterization of Broad Spectrum Bacteriocin Isolated from Bacteria Habitating Polluted Water	Dr. Shalu, Pooja Bhardwaj, Miss. Shyla, Miss. Uma Tomer, Preeti Raturi, Dr. Prerana Rai, Dr. Parul Gandhi, Gaurav, Miss. Shruti Sinha, S.V.G.V.A Prasad, Dr. Lakshmi D, Prof. Ramesh Chandra Panda	201911023213	27.08.2021

<b>S. No.</b>	<b>Name of Faculty</b>	<b>Deptt.</b>	<b>Patent Title</b>	<b>Name of All Inventors</b>	<b>Application Number</b>	<b>Date of Published</b>
99	Gurpreet Singh Matharou & Ritesh Kumar Nagar	Mechanical	External Handbrake with Mechanical park assist	Anil Kumar, Rashmi Mishra, Adarsh Mangal, Hambeer Singh, Sachin Kumar, Ruchi Gupta, Sajjan Lal & Rupa Rani Sharma	201911023214	27.08.2021
100	Shaveta Bhatia & Shiv Shankar Rai	FCA	Handheld Self Examine Brest Cancer	Dr. Shalu, Ms. Neha Batra, Dr. Poonam Rani, Ms. Shyla, Ms. Sumita Lamba, Ms. Pinki Sagar, Ms. Sweety, Dr. Sahabul Alam, Dr. Rama Sharma, Pooja Bhardwaj, Prof Ramesh Chandra Panda	201911033647	27.08.2021
101	Y.K Awasthi & Gaurav Saxena	ECE	Compact Planar Superwideband Equal Power Divider/Combiner for RF & Microwave Applications	Dr. M. Thurai Pandian, Dr. P. Damodharan, Dr. Sanjay Singh, Mr. Ankur Kumar Aggarwal	201911031519	27.08.2021
102	Priyanka Gupta & Hardeo Kumar Thakur	CST	System and Method for Communal Violence Detection using Social Networks Based Community Detection	Dhruv Rohatgi, Aayushi Aggarwal, Siddharth Srivastava, Palak Gupta, Suresh Kumar	202011030354	09.10.2020