

**Department of Mechanical Engineering**  
**GLA University, Mathura**

S.NO.	NAME OF PATENTER	PATENT NUMBER	TITLE OF THE PATENT	Year of Publication of Patent
1	Dr. Piyush Singhal Nitin Kukreja Prashant Prajapati Pushpendra Singh Chauhan Sujit Kumar Yadav Hariom Bhardwaj	201911052235	FIRE FIGHTING DRONE	2021
2	Himanshu Senger Himanshu Himanshu Maheshwari Prakhar Singh Prateek Dwivedi Trivendra Sengar	202011049040	FLYING UNMANNED ROBOTIC ARM (FURA)	2021
3	Dr. Kamal Sharma Mr. Rohit Sharma Mr. Aman Sharma Mr. Rajat Yadav Mr. Nitin Kukreja Dr. Pradeep Kumar Singh Dr. Manish Saraswat	202011050116	AIR BLOW DIABETES CHECKER FOR HUMAN BEINGS	2021
4	Dr. Kamal Sharma Mr. Aman Sharma Mr. Rishabh Chaturvedi Mr. Mr. Anas Islam Rajat Yadav Mr. Rohit Sharma Dr. Pradeep Kumar Singh Dr. Manish Saraswat	202011047437	IOT BASED INTELLIGENT TABLE CALENDAR FOR INFORMATION RECORDING AND TO-DO GENERATING	2021
5	Prof. Kamal Sharma Mr. Anas Islam Mr Aman Sharma Dr. Pradeep Kumar Singh Mr. Rishabh Chaturvedi Mr. Rajat Yadav	202011049039	PEA PEELER FOR SMOOTH PEELING OF PEAS	2021
6	Mr. Shailesh Sharma Mr. Anas Islam Mr. Aman Sharma Mr. Rishabh Chaturvedi Dr. Kamal Sharma Mr. Rohit Sharma Dr. Debanik Roy	202011050119	AN INDIGENOUS & NOVEL TYPE OF SENSOR INSTRUMENTED GRIPPER	2021
7	Mr. Aman Sharma Mr. Anas Islam Mr. Rajat Yadav Mr. Rishabh Chaturvedi Mr. Nitin Kukreja Mr. Rohit Sharma	202011052294	FDM (FUEL DETECTION METER)	2021
8	Prof. Kamal Sharma Prof. Piyush Singhal Mr Aman Sharma Mr. Anas Islam Mr. Rajat Yadav Mr. Rishabh Chaturvedi Mr. Rohit Sharma Ms. Pooja Saharan	202011052293	SOLAR POWER ENABLED MOTOR OPERATED EXTENDED CYCLE FOR RAILWAY TRACK INSPECTION	2021
9	Prof. Kamal Sharma Mr. Aman Sharma Mr. Rishabh Chaturvedi Mr. Rohit Sharma Dr. Pradeep Kumar Singh Mr. Avinash Dutt Kaushik	202011055706	HI-TECH LIGHT BEAM ADJUSTMENT FOR 4 WHEELERS	2021

10	Prof. Debanik Roy Mr. Rohit Sharma Mr. Anjani Kumar Rai Mr. Anas Islam Mr. Rishabh Chaturvedi Mr. Aman Sharma Prof. Vishal Goyal	202011051813	Novel Welding Gripper for Quality Inspection Using Surface Tester and Thermal Imaging Camera (A QUALITY INSPECTION WELDING GRIPPER)	2021
11	Pushpendra Sharma Raghav Rohatgi	202011051812	SURYODAY (SURYAUDAY)	2021
12	Mr. Shantanu Upadhyay Mr. Bharat Singh Mr. Yash Sharma Mr. Shailesh Sharma	202011053316	WASTEWATER ENERGY GENERATOR	2021
13	Raghav Rohatgi Prof. Kamal Sharma Nitin Kukreja Pushkar sharma	202011055936	PLASTO BRICKS	2021
14	Mr. Bharat Singh Prof. Piyush Singhal Mr. Abhishek Dhawan	202011053317	SMART FINGER PRINT BASED UNLOCKING SYSTEM FOR TWO WHEELERSV	2021
15	Prof. Kamal Sharma Mr. Rishabh Chaturvedi Mr. Aman Sharma Mr. Anas Islam Mr. Rajat Yadav	202011053315	WASTE HEAT POWER GENERATION SYSTEM USING THERMO-ELECTRIC GENERATOR FROM SILENCER	2021
16	Mr. Anas Islam Mr. Rishabh Chaturvedi Mr. Aman Sharma Dr. Munesh Chandra Trivedi Prof. Vishal Goyal Mr. Avinash Dutt Kaushik Mr. Amit Agrawal	202111005161	Provision for an Alternate Power Source (Solar operated motor) at the time of working of JCB for the fuel saving	2021
17	Mr. Bharat Singh Dr. Piyush Singhal Mr. Abhishek Dhawan Mr. Nandi Kumar Mr. Vikas Gola	202111005101	MULTI PEDEL DRIVING VEHICLE (MPDV)	2021
18	Mr. Anas Islam Prof. Vishal Goyal Mr. Aman Sharma Mr. Rohit Sharma Dr. Puneet Mishra	202111008895	Waste elimination of PLA material coming out from 3D printer by using an optimized heating chamber	2021
19	Dr. Amit Yadav, Prof Kamal Sharma, Dr Pankaj Gupta, Dr Jyoti Vimal, Prof D K Chaturvedi	202011057348	AN INTELLIGENT ELECTRIC MOVING MACHINE (IEMM) EMBEDDED SYSTEM	2021
20	Prof. Piyush Singhal Ms. Sonia Singh Dr. Bhupesh C. Semwal	202111010387	Portable Plant Histological Microsection Cutter	2021
21	Dr. Vijay Kr. Dwivedi Mr. Ashish Soni Dr. Pooja Pathak Prof. Kamal Sharma	202111050858	Smart Oxygen Cylinder Trolley for Hospital (Smart-OCT)	2021
22	Dr. Vijay Kumar Dwivedi Mr. Vinod Pandey Mr. Rampal Singh	202111006552	Ultrasonic Sanitizing Machine	2021
23	Dr. Piyush Singhal Mr. Manish Rawat Prof. Kamal Sharma Mr. Pushkar Sharma Mr. Nitin Kukreja Mr. Ritesh Dixit Siddharth Chandel Veneet Kumar Tushar Gupta Abhishek Raghav	202111050863	LOW BRAKE PRESSURE CUTOFF SYSTEM	2021

24	Prof Kamal Sharma Mr Pushkar Sharma Mr Nitin Kukreja Mayank Bhugra	202111050415	ADVANCE DRIP IRRIGATION SYSTEM (ADIT)	2021
25	Prof Kamal Sharma Mr. Pushkar Sharma Mr. Nitin Kukreja Saksham Sabhani Sanskar Gupta Raj Singh Tushar Goswami	202111050414	The Smart Home Model (AN EMBEDDED SYSTEM FOR SMART HOME)	2021
26	Dr. Bharat singh Dr. Piyush Singhal Mr. Ritesh Dixit Mr. Mayank Bhugra Mr. Shivam Chaudhary	202111033806	Water Indicator/alarm for windshield washer fluid (a water indicator alarm for windshield washer)	2021
27	RIDAM LOHANI TUSHAR KUMAR UPADHAYAY UMESH KUMAR CHATURVEDI RITESH DIXIT	202111045068	BRAKE PAD WEAR ALERTING SYSTEM	2021
28	Prof. Kamal Sharma Mr. Anas Islam Mr. Rajat Yadav Mr. Rishabh Chaturvedi Mr. Aman Sharma	202111046349	Motorcycle airbag safety system	2021
29	Prof. Kamal Sharma Mr. Anas Islam Mr. Rajat Yadav Mr. Rishabh Chaturvedi Mr. Aman Sharma	202111046325	Smart seat belt to monitor the correct body posture while driving (SMART SEAT BELT SYSTEM)	2021
30	Mr. Gaurav Bharadwaj Prof. Kamal Sharma	202111046343	Vegetable slicer cum chopper	2021
31	Mr. Aayush Sharma Dr. Kamal Sharma Dr. Mukul Shukla	202111050413	Self-sustainable/charging portable powerbank for handheld mobile devices and emergency light based on half-cut monocrystalline solar cells. (PORTABLE PHOTOVOLTAIC POWER BANK WITH BUILT-IN ILLUMINATION UNIT)	2021
32	Prof. kamal sharma Himanshu Senger Vineet Sinha Abhinav Mishra Shailesh Sharma Prof. Diwakar Bhardwaj	202111023516	A Portable Ambu Bag Ventilator System	2021
33	Mr. Anas Islam Mr. Rajat Yadav Mr. Rishabh Chaturvedi Mr. Aman Sharma Mr. Ruved Khan	202111050635	IOT Based almirah (IOT BASED STORAGE SYSTEM)	2021
34	Mr. Anas Islam Mr. Rajat Yadav Mr. Rishabh Chaturvedi Mr. Aman Sharma Mr. Ruved Khan	202111050637	A novel kinematic link system for automatically opening the Main Gate (KINEMATIC LINK SYSTEM)	2021
35	Mr. Anas Islam Mr. Rajat Yadav Mr. Rishabh Chaturvedi Mr. Aman Sharma Mr. Ruved Khan	202111050636	Alert device for Fall aged person and accidents (ALERT DEVICE FOR AGED FOR FALL ACCIDENTS)	2021

36	Soni Kumari Kumar Abhishek Pardeep Pankaj Sonia Ravindra Pratap Singh	202111050862	Room Heater with Control Humidification (A ROOM HEATER WITH CONTROL HUMIDIFICATION SYSTEM)	2021
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