

Number of Patents published/awarded during the last five years

S.No	Name of the Teacher	Title of the patent	Year of Award / publish of patent
1	Dr. R.C. Chhipa, Ms. Neetu Sharma, Bhoopendra Sharma	Advanced newly prepared CQD for Design of early Cancer detection Equipment	2021-22
2	Dr. Guarav Gupta, Mr. Himmat Singh, Dr. Ritu Gilhotra, Dr. Santosh Kumar Singh and Dr. Anurag Mishra	Anti-Inflammatory and Anti-Arthritic Activity of Polyherbal Formulation	2021-22
3	Dr Rashid Hussain	Detection for multiple symptoms of COVID-19 disease through multiple specialized Sensors in Smart Environment by using Artificial intelligence, machine learning and cloud computing	2021-22
4	Abhinay Nigam, Dr. Neeraj Kumar	E-Park Fountain Gym Cycle	2021-22
5	Dr. Mukesh Kumar Gupta, Er. Nishant Saxena, Er. Rachit Saxena, Er. Mukesh Kumar Bansal	Mail Pad (a novel approach)	2021-22
6	RAKESH JAIN, Dr. Rashid Hussain	AN AUTOMATIC WATER CONTROLLED SYSTEM AND METHOD THEREOF	2021-22
7	Kadlag Sunildatta Somnath, Dr. Mukesh Kumar Gupta	A SYSTEM OF FAST CHARGING BASED ON PID CONTROLLERWITH ARTIFICIAL NEURAL NETWORK AND USES THEREOF	2021-22
8	Manvendra Narayan Mishra , Dr. Richa Sharma, Dr. Aditi Badguzer, Akanksha Shukla, Dr. Anupama Choudhary, Dr. Sunil Kumar Gupta	SYSTEM AND MATHEMATICAL MODEL FOR WATER QUALITY ANALYSIS AND CONTROL OF POLLUTANTS USING INTELLIGENT COMPUTING	2021-22
9	Dr. Saurav Chhabra, Chef Abhishek Sengupta, Dr. Nafees Haider Naqvi, Avik Dey, Chef Pawan Ailawadi, Rakesh Chauhan, Dr. Alok Prasad, Dr. Satyajee Srivastava, Mrs. Deepa Chawla, Prof Dr Manoj Srivastava, Dr. Naveen Sharma, Mr. Umang Bhartwal	ARTIFICIAL INTELLIGENCE AND DEEP-LEARNING BASED TEMPERATURE-CONTROLLED STANDARDIZED COOKING SYSTEM AND METHOD THEREOF	2021-22

10	Mr. Sujit Arun Desai, Dr. Arehalli Sidramappa Manjappa, Dr. Preeti Khulbe	COMBINATION DRUG THERAPY FOR TREATMENT OF OSTEOSARCOMA	2021-22
11	Suchita Arora, Dr.Devesh Kumar Bandil , Dr. B. Selvanandhini, Gaurav Srivastav, Supreet Singh, Shagun, Dr. Sandip Debnath	A MACHINE LEARNING BASED SYSTEM FOR THE ASSESSMENT OF RISK OF DEVELOPING LUNG CANCER USING ANALYSIS OF GENETIC POLYMORPHISMS AND METHOD THEREOF	2021-22
12	Ankit Kumar Navalakha, Dr.Devesh Kumar Bandil , A.Anandaraj, Dr. S. Saravanan, Ashok Kumar, Mr. Ralla Suresh, Mr.Sambit S.Mondal	A SYSTEM FOR AD HOC MODEL BUILDING AND MACHINE LEARNING SERVICES FOR RADIOLOGY QUALITY DASHBOARD AND METHOD THEREOF	2021-22
13	Mrs. Asmita Vikas Gaikwad, Dr. Preeti Khulbe, Dr. Ganesh Yogiraj Dama, Dr. Manojkumar Mukundrao Nitalikar	HPLC METHOD DEVELOPMENT AND VALIDATION OF EMPAGLIFLOZIN IN BULK DRUG AND PHARMACEUTICAL PREPARATION	2021-22
14	Dr Ritu Gilhotra	Apparatus for evaluating mosquito repellent activity	2021-22
15	Dr. Ritu Gilhotra, Dr. Satosh Kumar Singh, Dr. Preeti Kulbe, Dr. Gaurav Gupta, Dr. Gaurav Sharma	PHARMACEUTICAL COMPOSITION CONTAINING ANTIFUNGAL AGENT AS ACTIVE INGREDIENT	2021-22
16	Dr. Savita Shivani, Sohiti Agarwal, Priyanka Gupta, Neny Pandel, Pooja Varshney	SMART TRAFFIC CONTROL FOR EMERGENCY VEHICLES USING INTERNET OF THINGS AND IMAGE PROCESSING	2021-22
17	Dr. Savita Shivani, Sohiti Agarwal, Priyanka Gupta, Neny Pandel, Pooja Varshney	IOT AND BLOCKCHAIN INTEGRATED FRAMEWORK FOR INTELLIGENT CUSTOMIZED CITIZEN IDENTITY MANAGEMENT SYSTEM FOR SMART CITY INFRASTRUCTURE PLATFORM	2021-22
18	Dr. Savita Shivani, Sohiti Agarwal, Priyanka Gupta, Neny Pandel, Pooja Varshney	METHOD FOR PREVENTION OF SECURITY ATTACK ON CLOUD MEDICAL DATA USING ARTIFICIAL INTELLIGENCE AND IOT	2021-22
19	Dr. Savita Shivani, Sohiti Agarwal, Priyanka Gupta, Neny Pandel, Pooja Varshney	A NOVEL ROBUST ARTIFICIAL INTELLIGENCE BASED SOFTWARE MODELLING TOOL WITH LONG SHORT-TERM MEMORY TO DETECT WEB ATTACKS	2021-22

20	Dr. Kriti Shrivastava, Dr. Ankur Jain	Synthesis of Peanut shell bio adsorbent by Microwave assisted pyrolysis for Turbidity Removal from Waste Water	2021-22
21	Dr. Neelam Singla, Dr. Ritu Gilhotra, Dr. Santosh Kumar Singh, Mr. Manish Kumar Purohit	Development of silver thread woven cloth covered surgical mask with antibacterial activity	2021-22
22	Dr. Kriti Shrivastava, Dr. Ankur Jain	Mechanochemical synthesis of perovskite structured ternary metal oxide for catalytic tuning of hydrogen storage materials	2021-22
23	Satish Kumar Sinha, Dr. Sarmad Moin, Dr. Rakesh Prajapat, Dr. Manas Mathur	Screening of Lactococcus lactis sub species hordani as probiobionts during Turning of Compost and White Button Mushroom cultivation	2021-22
24	Dr. Neeraj Kumar	Magnetorheological Fluid composition for Nano Surface Finish of Hard Work Work-Piece Material	2021-22
25	Parmod Kumar, Harendra Singh, Ankith Kr., Bhagirathi Nayak, Rudra Sankar Dhar, Divyanshu Sinha, Anil Singh, Niranjana Murthi M., Dayananda P., Amulya M.P., Vineet Shrivastava, Anupam Sharma, Puneet Kumar Agrarwal, Atul Kumar, Amit Tiwari	MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE BASED INTELLIGENT CONTROLLING AND MONITORING SYSTEM FOR AN AUTOMATIC AIR CONDITIONER	2021-22
26	Dr. Bazilla Gayas, Dr. Manas Mathur	Ultrasound Assisted extraction of oil from Papaya seeds (<i>Carica papaya</i>)	2021-22
27	Pankaj Shankar Kore, Dr. Santosh Kumar Singh, Pravin Pandurang Honmane, Ravi Pandit Barkade	SYNTHESIS AND ANTI-CONVULSANT ACTIVITY OF N-SUBSTITUTED AND 2-SUBSTITUTED BENZIMIDAZOLE DERIVATIVES	2020-21
28	Mrs. Asmita Vikas Gaikwad, Dr. Preeti Khulbe	HPLC METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF CANAGLIFLOZIN IN BULK AND MARKETED DOSAGE FORM	2020-21
29	Dr. Ritu M. Gilhotra, Dr. Santosh Kumar Singh	NOVEL MICROSPONGE LOADED GEL TO TREAT VARIOUS FUNGAL INFECTIONS	2020-21
30	Ravindra Kumar Singh Rajput, Dinesh Goyal, Rashid Hussain, Anjali Pant	METHOD AND SYSTEM FOR MODELING OF SCALABLE CLOUD ENVIRONMENT	2020-21
31	Mr. Amit Tiwari	SYSTEM FOR CONTROLLING VARIOUS CROP HARVEST ACTIVITIES USING BIG DATA ANALYTICS BASED MACHINE LEARNING AND IOT	2021-22

32	DEEPAK DUDEJA, Dr.Devesh Kumar Bandil, Dr Pratap Patil, Priyanka Bhatewara Jain, Rashi Saxena, Dr. Nilam Choudhary, Dr.M.Chandran, Nayani Sateesh, Shivam Tiwari, Yogesh Ashok Handge	A SYSTEM FOR OPTIMIZED SQL OPERATIONS IN A BLOCKCHAIN STRUCTURE	2021-22
33	Dr. Anita Santaji Mane, Dr. Atul Kumar, Mr. Amit Tiwari, Mr. Vipul Snehi, Ms. Revati Ramrao Rautrao, Mr. Vikrant Sharma, Mrs. Bhavana Sharma, Mrs. Bhawna Sachdeva, Ankit Singh Bartwal, Mr. Dinkar Kumawat, Ms Akanksha Gupta, Mr. Ankit Tyagi	SMART SYSTEM FOR PERSONAL PROTECTIVE EQUIPMENT (PPE) WEARERS TO PROVIDE COOL FRESH AIR USING ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	2021-22
34	Mr. Amit Tiwari, Dr. Atul Kumar, Mr. Himanshu Vasnani, Mr. Satyajit Anand, Dr. Rajeev Pourush, Prof.(Dr.) R.K. Bathla, Mr. Sujeet Kumar, Mrs. Nirmale Rekha Laxman, Ms. Nigar Kadar Mujawar, Mohammed Azam	INTELLIGENT SYSTEM FOR THE PREVENTION OF SECURITY ATTACKS ON ARTIFICIAL PACEMAKER HEALTH DATA RECORDS BASED ON ARTIFICIAL INTELLIGENCE	2021-22
35	Prof.(Dr.) Randeep Singh, Kumar Devadutta, Dr. Ram Kinkar Pandey, Dr. Atul Kumar, Dr. Rajeev Pourush, Mr. Amit Tiwari, Dr Umesh Sehgal, Dr. Kamlesh Kumari, Mandeep Katre, Surender Kumar	SMOKE DETECTION AND MONITORING THROUGH ADVANCED SENSORS AND IOT IN CLOUD-BASED INTELLIGENT SYSTEM	2021-22
36	Ms. Kiran Kumari, Ms. Vandana, Dr. P. Pachaiyappan, Deepak Jyoti, Pragya Tewari, Prof.(Dr.) R.K. Bathla, Savita Arora, Mr. Sujeet Kumar , Megha Sharma, Mr. Ashish Manohar Urkude	INTELLIGENT CYBERCRIME PROTECTION METHOD BASED ON CYBER SECURITY STANDARD FOR MESSAGING PLATFORMS	2021-22
37	Dr. Manish Joshi, Sohit Agarwal , R. Indhumathi, Dr. Saswata Chakraborty, Dr. Sheshang Degadwala, Dr. S. Shajun Nisha	IOT AND MACHINE LEARNING BASED SYSTEM FOR IMAGE ACQUISITION SUPPORT VECTOR MACHINE TECHNIQUE FOR IMAGE PROCESSING AND IDENTIFICATION	2021-22
38	Dr. Manish Joshi, Sohit Agarwal , R. Indhumathi, Dr. Saswata Chakraborty, Dr. Sheshang Degadwala, Dr. S. Shajun Nisha	IOT AND MACHINE LEARNING BASED SYSTEM FOR IMAGE ACQUISITION SUPPORT VECTOR MACHINE TECHNIQUE FOR IMAGE PROCESSING AND IDENTIFICATION	2021-22

39	DEEPAK eMAN, Prof. PALADUGA SATISH RAMA CHOWDARY, Prof. V V S S S CHAKRAVARTHY, Dr. B S S V.RAMESH BABU, Dr. M S S S SRINIVAS, Dr. P RENGARAJAN, AKASH KUMAR GUPTA, M N V HARSHA VARDHAN, ANKIT JAIN, MAKHAN KUMBHKAR, Dr. BRIGHT KESWANI , BRIJESH KESWANI, Dr. CHAITANYA SINGH, Dr. DEEPIKA CHAUHAN	A SYSTEM AND METHOD FOR ANALYSING DYNAMIC OUT- OF-HOME ADVERTISING BASED ON REAL-TIME VIEWERS BIOMETRIC INFORMATION	2020-21
40	Dr. Nagendra Kumar Swarnakar, Vipin Kumar Gupta, Dr. Sandhya Sharma, Dr. Mukesh Kumar Gupta	Fuse AC inlet with switch	2020-21
41	Sandhya Sharma, Nagendra Kumar Swarnkar, Mukesh Kumar Gupta, Ritu Jain	Portable and low cost battery proction devices	2020-21
42	M.M. RAMAKRISHNA, AKEY GUNGHEETHA, RAJESH R SHARMA, TADELE KEBEBE, GIRMA DEBELE DINEDGDE, DEEPALI VIRMANI, ANITHA P.T., BRIGHT KESWANI , T.SUBRAMANI, KRISHNAKUMAR A.	METHODOLOGY FOR DISESE IN PLANTS USING IMAGE PROCESSING TECHNIQUE	2020-21
43	DR. BRIGHT KESWANI, AMBARISH GAJENDRA MOHAPATRA	A WIRELESS SENSOR NETWORK (WSN) PLATFORM FOR IOT BASED AGRICULTURE APPLICATIONS	2020-21
44	DR. BRIGHT KESWANI, AMBARISH GAJENDRA MOHAPATRA	A SYSTEM FOR PRECISION LOCAL POSITIONING MECHANISM IN UNDERGROUND MINING USING IOT ENABLED WI-FI PLATFORM	2020-21
45	Dr. Ritu M. Gilhotra	TOPICAL NIOSOME COMPOSITION COMPRISING TACROLIMUS	2020-21
46	DR. BRIGHT KESWANI, AMBARISH GAJENDRA MOHAPATRA	SMART DECISION SUPPORT SYSTEM ARCHITECTURE FOR IOT BASED AGRICULTURE APPLICATIONS	2020-21
47	Dr. Bright Keswani	SMART CALL SWAPPER FOR PORTABLE TERMINALS	2020-21
48	Ghule Prashant Jalindar, Gilhotra Ritu M., Bairagi Shripad Motilal	ETOPOSIDE SOLID DISPERSION AND TABLET FORMULATION THERE OF	2019-20

49	ABHINAY NIGAM, DR. NEERAJ KUMAR	E-PARK FOUNTAIN GYM CYCLE	2020-21
50	SANDEEP BHARGAVA, GAURAV KR. SHARMA, DR. DINESH GOYAL, GAJANAND SHARMA	A SYSTEM FOR PEER TO PEER CHARGING OF UBIQUITOUS DEVICES	2019-20
51	PAYAL BANSAL, Dr. MUKESH GUPTA	ROBOTIC TROLLY WITH AUTOMATIC BILLING SECTION IN MALLS WITH HUMAN FOLLOWING SYSTEM	2019-20
52	DR. DINESH GOYAL,GAJANAND SHARMA,GAURAV KR. SHARMA, SANDEEP BHARGAVA	PORTABLE MOBILE CUM MAGNETIC CARD READER OR SMART PHONE CUM POS SYSTEM	2019-20
53	Dr. MUKESH KUMAR GUPTA, PAYAL BANSAL	AUTOMATIC TEMPERATURE CONTROL WATERLESS AIR COOLED SOLAR POWERED COOLER	2019-20
54	Dr. Anshul Gangele	SYSTEM OF HYBRID RENEWABLE ENERGY NETWORK FOR SECURE AND EFFECTIVE POWER SUPPLY	2018-19
55	Dr. Anshul Gangele	SYSTEM OF POWER MANAGEMENT WITH MAXIMUM POWER POINT TRACKING (MPPT) CONTROL OF LARGE- SCALE GRID CONNECTED INVERTER FOR PHOTOVOLTAIC APPLICATIONS	2018-19
56	Dr. Anshul Gangele	MOBILE, SMALL SIZE & RENEWABLE ENERGY BASED POWER GENERATING SYSTEM USEFUL FOR REMOTE AREAS	2018-19
57	Dr. Anshul Gangele	SYSTEM FOR INTELLIGENT AND ADAPTIVE CONTROL FOR MICRO HYDRO PLANT	2019-20
58	Dr. Anshul Gangele	METHOD FOR DATA COMPRESSION AND ENCRYPTION FOR DIGITAL COMMUNICATION BASED ON SYMBOLS IN INFORMATION SOURCE	2019-20
59	Dr Ritu M Gilhotra	SYNTHESIS OF METALLIC NANOPARTICLES FROM SHEEP MILK	2019-20
60	Dr Ritu M Gilhotra, Ms Saleha Rehman	Method of Increasing the solubility of an Anti retroviral drug aiming for its dose reduction and uses	2017-18
61	Dr Ritu M Gilhotra, Dr Gaurav Gupta	LIGHT PLUS MAZE APPARATUS FOR MEASURING THE BEHAVIOR OF ANIMALS	2017-18

62	Dr Rashid Hussain	A KIT FOR REMOTE MONITORING OF CUPPING THERAPY AND USES THEREOF	2018-19
63	Dr Ritu M Gilhotra, Ms Saleha Rehman	BATTERY DRIVEN SEMI-AUTOMATIC BOB MOUNTED PENETROMETER AND METHODS THEREOF	2018-19
64	Rakesh Kumar Sharma, Dr Ritu M Gilhotra	METHOD OF DEVELOPING AN ENZYMATIC KIT FOR IDENTIFICATION OF SOYA PANEER	2018-19
65	Dr. Gaurav Sharma, Dr. Mohammad Irfan Ali, Mr. Abhishek raj agarawal, Ms Apoorva Agarwal	SYNTHESIS OF METALLIC NANOPARTICLE FROM ESSENTIAL OILS OF SPICES	2018-19
66	Vipin Kumar Gupta, Dinesh Goyal	GLOBAL SET TOP BOX	2017-18
67	Ms Anila Dhingra, Dr K C Roy, Dr OS Lamba	Method of Designing and Analyzing of Two Dimensional Photonic Crystal Structure Based Wavelength Division De-multiplexer for CWDM Applications	2018-19
68	Dinesh Goyal	METHOD FOR SHARING AND UPDATING KEY USING WATERMARK	2017-18
69	Pankaj Kumar	SYSTEM FOR PROGRAMMING APPLICATION FOR LOW COST SOLUTION RUNNING MAXIMUM POWER POINT TRACKING BASED ON EIGHT BIT MICROCONTROLLER IN SOLAR PHOTOVOLTAIC	2018-19
70	Amit Kumar Gupta, Dr Dinesh Goyal	SMART JOB FIRST DYNAMIC ROUND ROBIN SIMULATOR (SJFDRR)	2017-18
Number of copyrights awarded during the last five years			
S.No.	Name of the Teacher	Title of the copyright	Year of Award of copyright
1	RAKESH JAIN, HIMANSHU KUMAR, SURAJ KUMAR	LOW COST HEARING AID	2021-22
2	DR. NAVEEN SHARMA, MANISH SHRIVASTAVA, PRAVEEN SHARMA, SANDEEP SAXENA, UMANG BHARTWAL	QUESTIONNAIRE FOR EVALUATION OF CUISINE BRANDING CONTRIBUTION IN DESTINATION	2021-22
3	Rakesh Jain	AN ECONOMIC AUTOMATIC IRRIGATION SYSTEM	2021-22

4	RAKESH JAIN, SIYARAM MEENA, MUSKAN RANI DANDIYA, CHIRAYU MEENA, SUPRIYA PATEL, VIMLESH KUMAR MEENA, SURAJ KUMAR, AASHISH MEENA	MICROCONTROLLER BASED TWENTY SECOND RESTRICTED AUTOMATIC WATER TAP WITH TIME DISPLAY FACILITY ALONG WITH ZERO PROBABILITY OF WASTAGE OF WATER NEAR WASHBASIN, KITCHEN, SINK, AND TOILETS TO GET RID OF ANY VIRUS	2020-21
5	RAKESH JAIN, VIKKY KUMAR SINGH, VIMLESH KUMAR MOURYA	LOW COST WATER LEVEL CONTROLLER	2020-21
6	Patil Dipak Raghunath, Dr. Mukesh Kumar Gupta, Dr. Manish Sharma, Markad Ashok Vitthalrao, Borkar Bharat Sampatrao	AN APPROACH FOR DYNAMIC RESOURCE SCHEDULING ANDEFFECTIVE MEMORY MANAGEMENT USING DEEP LEARNINGFOR MOBILE PLATFORMS	2021-22
7	Umang Bhartwal, Dr. Naveen Kumar Sharma	QUESTIONNAIRE FOR CULINARY TOURIST INFORMATION	2021-22
8	RAKESH JAIN, ASHISH KUMAR, AMIT KUMAR, AMBEDKAR KUMAR	ARDUINO AND RFID READER INTERFACING BASEDAUTOMATIC PETROL/FUEL DISPENSER	2021-22
9	RAKESH JAIN, DR.RASHID HUSSAIN	ARDUINO BASED AUTOMATIC DAILY MEAL REMINDER SYSTEM	2021-22
10	Umang Bhartwal, Dr. Naveen Kumar Sharma	QUESTIONNAIRE FOR HOST PERCEPTION CONCERNING CULINARY TOURIST	2021-22
11	Manish Srivastava	ALOO CREAM METHI	2021-22
12	Manish Srivastava	AMRITSARI SIRAKA MACHLI	2021-22
13	Manish Srivastava	CHATPATE ALOO GOBHI	2021-22
14	Manish Srivastava	KASTOORI WADIYAN	2021-22
15	Manish Srivastava	SARSON MACHI CURRY	2021-22
16	Dr. Mukesh Kumar Gupta	MPPT DECREMENT RESISTANCE ALGORITHM	2021-22
17	Priti Ramdas Lale, Dr. Mukesh Kumar Gupta	SECURED INFORMATION SHARING IN SUPPLY CHAIN MANAGEMENT USING BLOCKCHAIN TECHNOLOGY	2021-22
18	Dr. Mukesh Kumar Gupta	SIMULATION CURVES OF DECREMENT RESISTANCE ALGORITHM	2021-22
19	Dr. Mukesh Kumar Gupta	SIMULATION CURVES OF DECREMENT RESISTANCE ALGORITHM USING INPUT SENSING DIRECT CONTROL METHOD WITH CUK CONVERTER AND DC MOTOR PUMP	2021-22

20	Rakesh Jain	LOW COST INVERTER	2021-22
21	Umang Bhartwal, Dr. Naveen Kumar Sharma	QUESTIONNAIRE FOR EVALUATING THE TOURIST PERCEPTION AND EXPERIENCE ABOUT HERITAGE ACCOMMODATION	2021-22
22	MR. PRAVEEN KUMAR SHARMA,,MR. MANISH SHRIVASTAVA, MR. UMANG BHARTWAL	RESHMI MALAI KOFTA	2021-22
23	Rakesh Jain and dushyant Sharmma	GAS LEKAGE PROTECTION DEVICE	2021-22
24	MR. KULDEEP SINGH GAUR,MR. MANISH SHRIVASTAVA, MR. UMANG BHARTWAL	KASOORI CHICKEN CURRY	2021-22
25	MR. SANDEEP SAXENA, MR. MANISH SHRIVASTAVA, MR. UMANG BHARTWAL	DRIED MANGO BHARWAN BHINDI	2021-22
26	MR. HARSHIT SHARMA ,MR. MANISH SHRIVASTAVA, MR. UMANG BHARTWAL	KASOORI MAKHANI GRAVY	2021-22
27	Rakesh Jain and dushyant Sharmma	CORONA PROTECTED AUTOMATIC DOORBELL	2021-22
28	MR. LOKESH KUMAR ,MR. MANISH SHRIVASTAVA, MR. UMANG BHARTWAL	MAKHMALI MURGH MAKHNI	2021-22
29	Mr. Deep Mathur, Dr. Swati Mishra	BUSINESS INCUBATION MODEL FOR WOMEN ENTREPRENEURS	2021-22
30	RAKESH JAIN, HIMANSHU KUMAR, SURAJ KUMAR	KARNAUGH MAP BASED PASSWORD OPERATED GADGETS	2021-22
31	RAKESH JAIN, PANKAJ KUMAR, VISHAL KUMAR	CMOS LOGIC INTEGRATED CIRCUIT BASED PASSWORD OPERATED GADGETS	2021-22
32	Prof. TK Jain	PROCESS OF SOCIAL ENTREPRENEURSHIP	2021-22
33	Dr. Shruti Tiwari	EDUCATIONAL, PERSONAL AND VOCATIONAL PROBLEM'S CHECK LIST {EPV-CHECKLIST}	2020-21
34	RAKESH JAIN, DR. RASHID HUSSAIN	LOW COST PASSWORD BASED ELECTRICAL GADGETS- FAN/LIGHT USING LOGIC GATES	2020-21
35	RAKESH JAIN, DR. RASHID HUSSAIN	SOLUTION FOR WATER WASTE PROBLEM IN RO (REVERSE OSMOSIS) SYSTEM BY AUTOMATIC IRRIGATION SYSTEM OF PLANTS	2020-21
36	Ms. Aditi Sharma, Dr. Swati Mishra	Competency Scale For Measuring Skills Of Employees	2019-20

37	RAKESH JAIN, DR. RASHID HUSSAIN	Two in one facility to protect from SARS-COV-2 VIRUS CORONA	2020-21
38	RAKESH JAIN	ARDUINO BASED TWO IN ONE FACILITY TO PROTECTFROM CORONA	2020-21
39	RAKESH JAIN	PROGRAM FOR ULTIMATE MEDICAL ASSISTANCE FORINTENSIVE DISEASE LIKE COVID 19 CORONA, ALZHEIMER, OLDAGE MEMORY LOSS PROBLEM	2020-21

Number of design awarded during the last five years

S.N o.	Name of the Teacher	Title of the Design	Year of Award / publish of design
1	Dr. Nagendra Kumar Swarnakar, Vipin Kumar Gupta, Dr. Sandhya Sharma, Dr. Mukesh Kumar Gupta	Fuse AC inlet with switch	2020-21
2	Amit Tiwari, Pallavi Purohit, Dr. Puran Singh, Dr. Punit Kumar Dwivedi, Udit Mamodiya	Internet of things based smart air pump for inflatables	2021-22
3	Dr Ritu Gilhotra	Apparatus for evaluting mosquito repellent activity	2021-22
4	Amit Tiwari	Smart air pollution measuring device	2021-22
5	Dr Swati Mishra	BUTTER PACKAGING WITH KNIFE SHAPED COVER	2021-22
6	Dr. Swati Mishra, Dr. Nitasha Khatri,	BUTTER PACKAGING WITH KNIFE SHAPED COVER	2017-18

Number of International Patents awarded during the last five years

S.No.	Name of the Teacher	Title of the patent	Year of Award / publish of patent
1	Parmod Kumar, Harendra Singh, Ankith Kr., Bhagirathi Nayak, Rudra Sankar Dhar, Divyanshu Sinha, Anil Singh, Niranjan Murthi M., Dayananda P., Amulya M.P., Vineet Shrivastava, Anupam Sharma, Puneet Kumar Agrarwal, Atul Kumar, Amit Tiwari	MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE BASED INTELLIGENT CONTROLLING AND MONITORING SYSTEM FOR AN AUTOMATIC AIR CONDITIONER	2021-22
2	Sandhya Sharma, Nagendra Kumar Swarnkar, Mukesh Kumar Gupta, Ritu Jain	Portable and low cost battery proction devices	2020-21