

S.No.	Title	Name of Faculty	Application No.	Date of filling	Date of Publication (U/S 11A)	Application Status
1.	A Process for Bioremediation of Industrial Grease Waste using a Bacterial Consortium	Dr. Sangeeta Negi Dr. Suneel Kumar	1764/Del/2014	30.06. 2014	01-01-2016	Granted Application. Patent Num : 330765 Certificate Issue : 30-01-2020
2.	A novel a-Silicon / Polycarbazole organic schottky diode (osd) and the method of fabrication thereof	Prof. P. Chakrabarti Ms. Aditi Srivastava	2332/Del/2014	16.08.2014	24-10-2014	Granted Application. Patent Num : 429191 Certificate Issue : 18-04-2023
3.	A wound care product	Dr. Archana Dr. J. Dutta Dr. P.K. Dutta	1267/Del/2015	07.05.2015	11-11-2016	Granted Application Patent Num : 359941 Certificate Issue : 01-03-2021
4.	Electrochemical process of immuno-based thionine doped nanosilica electrode modification and its use as an enzymatic sensor for electrochemical detection of platelet hyperactivity	Prof. P. Chakrabarti Ms. Priti Singh Dr. Sunil Kumar Singh	1687/Del/2015	05.06.2015	11-03-2016	Granted Application Patent Num : 375935 Certificate Issue : 31-08-2021
5.	Method of simultaneous detection of e. coli and salmonella species by gold nanoparticle based lateral flow immunoassay	Ms. Jyoti Singh Dr. Seema Nara Dr. Shivesh Sharma	3215/Del/2015	06.10.2015	10-02-2017	Granted Application Patent Num : 370213 Certificate Issue : 24-06-2021
6.	Method to determine beam width of a dip in surface plasmon resonance sensor and its application thereof	Dr. Yogendra Kumar Prajapati Mr. J.B. Maurya	201611005417	16.02.2016	03-06-2016	Granted Application Patent Num : 407708 Certificate Issue : 27-09-2022
7.	Micro fabrication annealing furnace with integrated magnetic field and electric field application, and affixable hall measurement set up therein	Dr. Shweta Tripathi Mr. Brijesh Kumar Singh Prof. P. Chakrabarti	201611018593	30.05.2016	15-07-2016	Granted Application Patent Num : 398375 Certificate Issue : 01-06-2022
8.	Optical biosensor and a method of preparation and its application thereof for detection of salmonella typhi	Dr. Anjana Pandey Dr. Ashutosh Pandey	201611019611	07.06.2016	08-12-2017	Granted Application Patent Num : 492280 Certificate Issue : 30-12-2023
9.	Integrated health-monitoring device and a method of real time transfer of health condition data collected thereof	Dr. Yogendra Kumar Prajapati Mr. Piyush Sil Mr. Piyush	201611025089	22.07.2016	30-12-2016	Granted Application Patent Num : 469442 Certificate Issue : 16-11-2023
10.	A novel cascaded multilevel isolated bidirectional dc-dc converter and its operation thereof	Dr. Rajesh Gupta Mr. V. Karthikeyan	201611034814	12.10.2016	21-10-2016	Granted Application Patent Num : 502270 Certificate Issue : 23-01-2024

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11.	Gas-liquid absorption in microchannel	Dr. Sadhana Sachan Dr. Mohammad Siraj Alam Mr. Kaushal Kishor Mr. Abhishek Kumar Chandra Mr. Wasim Khan	201611043489	20.12.2016	22-06-2018	Granted Application Patent Number :367963 Certificate Issue : 28.05.2021
12.	Gel Imaging System	Mr. Pranav Tripathi Dr. Seema Nara	201711020522	12.06.2017	14-12-2018	Granted Application Patent Number : 494482 Certificate Issue : 04.01.2024
13.	A process optimization using <i>bacillus licheniformis</i> lab isolate for conversion of corn starch to near theoretical yield biohydrogen production	Dr. Anjana Pandey Dr. Ashutosh Pandey Ms. Neha Singh	201711023786	06.07.2017	13-04-2018	Granted Application Patent Number : 466313 Certificate Issue : 06.11.2023
14.	A method for attaining p-type zinc oxide (ZnO) thin film	Dr. Shweta Tripathi Mr. Brijesh Kumar Singh Mr. Lucky Agarwal	201711044846	13.12.2017	14-06-2019	Granted Application Patent Number : 486996 Certificate Issue : 21-12-2023
15.	A method for automated measurement of optic nerve sheath diameter from eye ultrasound image	Dr. Basant Kumar Dr. Shashwat Pathak Dr. Renu Saini Prof. Deepak Agrawal Er. Vishal Gupta Er. Rajeev Gupta	201811018251	16-05-2018	22-11-2019	Reply Filed. Application in amended examination
16.	Low power, uniform frequency resolution and high sampling speed arbitrary waveform generator	Mr. Subha Sarkar Dr. Y.K. Prajapati Dr. Rajeev Tripathi	201811032831	31.08.2018	28-09-2018	Granted Application Patent Number : 461154 Certificate Issue : 20.10.2023
17.	A method and a system for automatic detection and grading of cataract	Dr. Basant Kumar Dr. Shashwat Pathak Er. Rahul Raj Er. Aditya Dixit	201931016829	27-04-2019	30-10-2020	Granted Application Patent Number : 546808 Certificate Issue : 31.07.2024
18.	A method for detection of heavy metals utilizing gold nano particles	Prof. Anjana Pandey Ms. Neha Yadav	201911043605	26-10-2019	04-09-2020	Granted Application Patent Number :450332 Certificate Issue : 08.09.2023
19.	An anti-microbial herbal formulation and a process of preparing the same	Dr. Vishnu Agarwal Mr. Devendra Singh	202011003755	28-01-2020	04-09-2020	In Order For Grant Under Section 43,Awaiting NBA Approval

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20.	A Multipurpose low cost portable UV-C Sanitization Cabinet for Home and office use	Dr. Sameer Srivastava Dr. Nand Kr. Singh Dr. Ashutosh Mani Prof. Rajeev Tripathi Prof. Shivesh Sharma Dr. Ambak Kr. Rai	202011018858	03.05.2020	05-11-2021	Application in Hearing
21.	Hand gloves Removing Device	Dr. Ambak Kr. Rai Prof. Shivesh Sharma Dr. Sameer Srivastava Dr. Ashutosh Mani Dr. Nand Kr. Singh Prof. Rajeev Tripathi	202011019189	05.05.2020	12-11-2021	Application in Hearing
22.	An Improved Anthropometrically designed face shield and a process thereof	Dr. Ambak Kr. Rai Dr. Ashutosh Mani Dr. Sameer Srivastava Prof. Shivesh Sharma Dr. Nand Kr. Singh Prof. Rajeev Tripathi	202011019565	08.05.2020	18-12-2020	Reply Filed. Application in amended examination.
23.	UV-C Invertible, double deck, mesh conveyor disinfection system	Dr. Kamal Sharma Professor, Mechanical Engineering Department, GLA University, Mathura (U.P.)-281406 Prof. Mukul Shukla Professor, Mechanical Engineering Department, MNNIT Allahabad (U.P.)- 211004 Mr. Bhupender Singh Yadav MD, Hind Mechatronics, New Delhi – 110071	202011020533	15-05-2020	14-08-2020	Granted Application Patent Number : 538765 Certificate Issue : 21-05-2024
24.	Smart Medicine Container (Transfer)	Dr. Basant Kumar Mr. Om Singh Mr. Yashveer Singh Mr. Kalyan Prusty Mr. Santanu Banerjee Dr. Shashwat Pathak	202011021044	19-05-2020	26-11-2021	Reply filed. Application in Amended Examination
25.	A Pre-doffing Personal Protective Equipment Sanitization System	Mr. Pranav Tripathi Dr. Seema Nara	202011030723	18-07-2020	03-12-2021	Granted Application Patent Number : 547549 Certificate Issue : 12-08-2024

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26.	An Automatic Sanitizer Device	Mr. Pranav Tripathi Dr. Seema Nara	202011030722	18-7-2020	21-01-2022	Reply filed. Application in Amended Examination
27.	A portable diagnostic system for a medical condition using X-ray imaging of Lungs	Prof. Mukul Shukla Mr. Mayank Mayookh Dr. Samir Saraswati Dr. P.K. Agarwal	202011031404	22-07-2020	25-09-2020	Granted Application Patent No. : 556978 Certificate Issue : 27-12-2024
28.	A Novel Method for preparing Octenyl Succinic Anhydride (OSA) modified Starch	Mr. Aditya Ganesh Mr. Arijit Dutta Gupta Dr. Harinder Singh Ms. Mandavi Goswami	202011038429	05-09-2020	17-12-2021	Reply filed. Application in Amended Examination
29.	An Energy Harvesting, Storage and Delivery System	Prof. Ramesh Kumar Tripathi Mr. Jeetendra Prasad	202011042654	30-09-2020	29-10-2021	Reply filed. Application in Amended Examination
30.	A modular hybrid converter for generating multiple direct current outputs and single multilevel alternating current output	Dr. Rajesh Gupta Mr. Pandla Chinna Dastagiri Goud	202011048237	04-11-2020	20-11-2020	Granted Application Patent Number : 506251 Certificate Issue : 01-02-2024
31.	A Multi-Modular Microbial Fuel Cell	Ms. Roma Agrahari Dr. Radha Rani	202011055658	21-12-2020	29-10-2021	Granted Application Patent Number : 464572 Certificate Issue : 31.10.2023
32.	A non-invasive assay and a method for early detection of ovarion cancer	Ms. Alka Singh Dr. Manisha Sachan	202111002569	19-01-2021	03-12-2021	Granted Application Patent Number : 551661 Certificate Issue : 30-09-2024
33.	An Anti-Biofilm and Anti-Quorum sensing formulation and a process thereof	Mr. Devendra Singh Dr. Vishnu Agarwal	202111003010	21-01-2021	29-10-2021	In Order For Grant Under Section 43,Awaiting NBA Approval
34.	Assay for detecting a target analyte from biological sample and a method of detection thereof	Dr. Seema Nara Dr. Manisha Sachan Mr. Pranav Tripathi	202111005761	11-02-2021	29-10-2021	Granted Application Patent Number : 543707 Certificate Issue : 28-06-2024
35.	A Formulation against urinary tract and other related bacterial infections	Mr. Devendra Singh Mr. Saud Masood Siddiqui Dr. Vishnu Agarwal	202111005759	11-02-2021	29-10-2021	Granted Application Patent Number : 557287 Certificate Issue : 31-12-2024
36.	A tropical composition for treating fungal infections	Prof. Shivesh Sharma & Mr. Jaspreet Singh	202111009000	03-03-2021	29-10-2021	Application refused U/S 15
37.	A topical composition for treating bacterial infections	Prof. Shivesh Sharma & Mr. Jaspreet Singh Dr. Durgesh Kumar Tripathi	202111009001	03-03-2021	29-10-2021	In Order For Grant Under Section 43,Awaiting NBA Approval

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38.	A Method for preparing an animal feed and a product thereof	Dr. Nand Kumar Singh Ms. Akanksha Tripathi Ms. Preeti Sirohi Ms. Shadma Afzal	202111010394	12-03-2021	29-10-2021	Granted Application Patent Num : 541428 Certificate Issue : 11-06-2024
39.	A Biopolymer Coating For Implants and a Method of Preparation Thereof	Dr. Sangeeta Negi Prof. R.P. Tewari Mr. Avaneesh Pachauri Ms. Kumari Vibha	202111015120	31-03-2021	29-10-2021	Granted Application Patent Num : 553505 Certificate Issue : 29-10-2024
40.	A Smart Temperature Measuring System With Minimal Human Intervention	Prof. R.P. Tewari Dr. Ramesh Pandey Dr. Ashutosh Mishra Dr. Abhishek Kumar Tiwari Mr. Sajal Kumar Babu Degala`	202111020581	05-05-2021	29-10-2021	Granted Application Patent Num : 538361 Certificate Issue : 16-05-2024
41.	Detox Candle for on-site Detoxification of Lignocellulose Hydrolysate and Method of Fabrication Thereof	Dr. Sangeeta Negi Mr. Ajay Kumar Pandey	202111033291	23-07-2021	29-10-2021	Granted Application Patent Num : 449840 Certificate Issue : 06-09-2023
42.	A Process for the Treatment of Dye-Contaminated Wastewater and Simultaneous Bioelectricity Generation	Ms. Roma Agrahari Dr. Radha Rani	202111036172	10-08-2021	29-10-2021	Granted Application Patent Num : 548273 Certificate Issue : 21-08-2024
43.	A Portable Photovoltaics Powered Standalone Hybrid Power Supply System with Multi-Port Connectivity for Disinfection Devices	Prof . Rajesh Gupta Mr. Ajeet kumar Bhardwaj Mr. Anil Kumar Mr. Aman Kumar	202111046806	13-10-2021	29-10-2021	Granted Application Patent Num : 513978 Certificate Issue : 22-02-2024
44.	An Artificial Intelligence Based Enhanced Surveillance System and Method	Dr. Dushyant Kumar Singh Prof. Dharmender Singh Kushwaha	202111057419	09-12-2021	23-12-2022	Granted Application Patent Num : 54547 Certificate Issue : 22-07-2024
45.	A Dynamic Emergency Vehicle Clearance System	Mr. Biru Rajak Dr. Dushyant Kumar Singh Prof. Dharmender Singh Kushwaha	202211024605	26-04-2022	23-12-2022	Granted Application Patent Num : 521324 Certificate Issue : 07-03-2024
46.	A Composition for inhibiting the Growth of Fungi	Dr. Ashutosh Mani Prof. Shivesh Sharma Ms. Shweta Srivastava Ms. Padmaja Rai	202211031283	31-05-2022	23-12-2022	Granted Application Patent Num : 521707 Certificate Issue : 07-03-2024
47.	An Electrochemical Biosensor for Rapid Detection of Breast Cancer and a method of preparation thereof	Ms. Saumya Srivastava Prof. Anjana Pandey	202211042336	25-07-2022	23-12-2022	In order for grant under section 43, awaiting NBA approval
48.	A Site Inspection Autonomous Unmanned Aerial Vehicle System	Dr. J.C Mohanta Md. Faiyaz ahmed (SRF)	202211042865	26-07-2022	05-08-2022	Granted Application Patent Num : 541950 Certificate Issue : 14-06-2024

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49.	Zinc Ferrite Modified Zinc Oxide Nanostructures based Electrochemical Biosensor for Detection of Hydrogen Peroxide	Dr. Amit Srivastava Dr. Naresh Kumar	202211049656	30-08-2022	23-12-2022	Granted Application Patent Num : 524306 Certificate Issue : 13-03-2024
50.	A Process of Microbial Decolorization of Reactive Textile Dyes	Dr. Sushil Kumar Dr. Radha Rani Ms. Ankita Srivastava	202311003682	18-01-2023	26-05-2023	In order for grant under section 43, awaiting NBA approval
51.	A Reversible Motion-Wire Electrochemical Spark Machining Device for Profile Cutting of Nanocomposite Work Piece	Mr. Harishanker Maurya Dr. Audhesh Narayan	202311014525	03.03.2023	26-05-2023	Granted Application Patent Num : 475324 Certificate Issue : 30-11-2023
52.	An AC-DC-DC/AC Boost Derived Hybrid Converter With Input Power Factor Correction	Prof. Rajesh Gupta Mr. Sandeep Ojha	202311023613	30.03.2023	26-05-2023	Granted Application Patent Num : 536527 Certificate Issue : 01-05-2024
53.	A system for Prediction of Raised Intracranial Pressure	Maninder Singh Vishal Gupta Shashwat Pathak Rajeev Gupta Basant Kumar Deepak Agarwal	202311026085	06-04-2023	26-05-2023	Granted Application Patent Num : 481350 Certificate Issue : 12-12-2023
54.	A method for processing of a Polysaccharide	Mr. Abdul Rehman Dr. Parul Katiyar Dr. Harinder Singh	202311049452	21-07-2023	-----	Application not yet published
55.	An Ionic Liquid-Based Nano-Photocatalyst and a Method of Preparation thereof	Dr. Dipesh S. Patle Dr.Sushil Kumar Ms.Aparna Gautam	202311049944	25-07-2023	15-09-2023	Granted Application Patent Num : 533205 Certificate Issue : 16-04-2024
56.	A Perovskite material based Reram device and a method of Fabrication thereof	Dr. Animesh Kumar Ojha Mr. Saurabh K. Ojha	202311050551	26-07-2023	22-09-2023	Reply Filed. Application in amended examination.
57.	Neuro Inspired Wearable Health Device (Newhd)	Mr. Raghuvendra Pratap Tripathi Dr. Manish Tiwari Prof. Amit Dhawan Dr. Arun Prakash Mr. Virat Krishna	202311047057	13-07-2023	11-08-2023	Awaiting request for Examination.
58.	A System for Detection of Valvular Heart Disease in Real Time	Dr. Manish Tiwari Prof. Amit Dhawan Dr. Arun Prakash Mr. Raghuvendra Pratap Tripathi Mr. Virat Krishna	202311052625	04.08.2023	08-12-2023	Reply Filed. Application in amended examination.
59.	A Triple Slope Multi-Wick Solar Still	Dr. Rahul Dev Mr. Rahul Patel	202311053482	09-08-2023	24-11-2023	Application referred u/s 12 for examination

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60.	A Triple Slope Solar Still	Dr. Rahul Dev Mr. Rahul Patel	202311055074	17-08-2023	24-11-2023	Reply Filed. Application in amended examination.
61.	A Phase Change Material and Radiant Heating Based Solar Cooker	Dr. Ajaya Bharti Dr. Rahul Dev Mr. Lukalapu Ramu Mr. Aman Kumar Agrahari	202311055626	19-08-2023	24-11-2023	Application referred u/s 12 for examination
62.	A Microwave Absorber and a Method of Preparation thereof	Dr. Smriti Agarwal Mr. Sunil Jorwal Dr. Ashish Dubey Dr. Rajeev Gupta	202311055627	19-08-2023	24-11-2023	Reply Filed. Application in amended examination.
63.	A Photovoltaic Integrated Triple Slope Solar Still	Dr. Ajaya Bharti Dr. Rahul Dev Mr. Rahul Patel	202311056015	21-08-2023	24-11-2023	Application referred u/s 12 for examination
64.	A Photovoltaic Integrated Triple Slope Multi-Wick Solar Still	Dr. Ajaya Bharti Dr. Rahul Dev Mr. Rahul Patel	202311056016	21-08-2023	24-11-2023	Reply Filed. Application in amended examination.
65.	A Protective Garment	Dr. Manoj Kumar Gupta	202311071210	19-10-2023	24-11-2023	Application referred u/s 12 for examination
66.	An Electromagnetic Field Assisted Reversible Motion-Wire Electrochemical Spark Machining Device	Mr. Harishanker Maurya Dr. Audhesh Narayan Ms. Nisha Singh	202311085806	15-12-2023	16-08-2024	Application referred u/s 12 for examination
67.	A Cooking Device Mounted on a vehicle	Dr. Rahul Dev Mr. Bhupendra Koshti	202411000324	03-01-2024	-----	Application not yet published
68.	A Splint for Dental Mobility	Ms. Mariam Maroof Dr. Renganathan Sujithra Prof. Ravi Prakash Tewari	202411063233	21-08-2024	-----	Application not yet published
69.	A Vibrating Solar Cooker	Dr. Rahul Dev Dr. Vijay Kumar Dr. Ajaya Bharti Dr. Jitendra Narayan Gangwar Ms. Supriya Yadav Mr. Rahul Sharma	202411073322	27-09-2024	-----	Application not yet published
70.	A system for preparing and evaluating response sheet	Mr. Hitesh Mitruka Mr. Atul Kumar Dr. Divya Kumar Dr. Vibhav Prakash Singh	202411075304	04-10-2024	-----	Application not yet published

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71.	A Flame-retardant spacer for battery module and a method of preparation thereof	Dr. Ashutosh Mishra Prof. Ramesh Pandey Mr. Dwijendra Dubey	202411076423	09.10.2024	-----`	Application not yet published
72.	A method for processing a Polysaccharide through Microwave Irradiation	Dr. Harinder Singh Dr. Parul Katiyar Ms. Anam Tanveer,	202411082612	29.10.2024	-----	Application not yet published
73.	An IoT Driven Air Pollution Monitoring System	Dr. Indu Dohare Prof. D. K. Yadav Dr. Amit Biswas Dr. Karan Singh, JNU, New Delhi Prof. Ahmad Aziz, Tashkent State University of Economics, Tashkent, Uzbekistan	202411085189	06-11-2024		Application not yet published
74.	A Tri-state Dopingless Double-Gate Tunnel Field-Effect Transistor Device	Dr. Kumari Nibha Priyadarshani	202411100970	19-12-2024	----	Application not yet published
Design						
75.	Gel Imaging Device	Mr. Pranav Tripathi Dr. Seema Nara	294796 (Design No.)	16.06.2017	-----	Granted Certificate Issue : 28-01-2019
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76.	AMRIT (Assessment, Monitoring, Reporting and Intelligent Tracking)	Dr. Ashutosh Mani Dr. Ambak Kumar Rai Dr. Sameer Srivastava Dr. N.K. Singh Prof. Shivesh Sharma Mr. Vikalp Kr. Singh Mr. Himanshu Kashyap Prof. Geetika Prof. Rajeev Tripathi	Diary No. 6951/2020- CO/SW	22-05-2020	-----	Registered
77.	Question Paper Generator, OMR Design and OMR Evaluator for National Cadet Corps A Certificate Examination	Mr. Priyav K Kaneria Mr. Krishanu Dey Mr. Siddhart Jaiswal Dr. Divya Kumar	17779/2023- CO/SW	06.07.2023	-----	Registered

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