

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	Patent Granted. Waiting for publication under section 43(2), Patent Num : 33076
2.	A novel silicon/polycarbazole organic schottky diode (osd) and the method of fabrication there of International classification : H01L29/20	Prof. P. Chakrabarti Ms. Aditi Srivastava	2332/Del/2014	16.08.2014	24-10-2014	Application in Amended Stage (FER Issued on 23.04.2018)
3.	A new wound care product	Dr. Archana Dr. J. Dutta Dr. P.K. Dutta	1267/Del/2015	07.05.2015	11-11-2016	Application in Amended Stage (FER issued on 14.01.2019)
4.	Electrochemical Process of immune-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	Awaiting Examination
5.	Method of Simultaneous Detection of E.coli and Salmonella Species by Gold Nanoparticle Based Latera Immunoassay.	Ms. Jyoti Singh Ms. Seema Nara Dr. Shivesh Sharma	3215/Del/2015	06.10.2015	10-02-2017	Application Examined (FER Issued on 22.01.2020)
6.	Method to determine beam width of a dip in surface Plasmon resonance sensor and its application	Dr. Yogendra Kumar Prajapati Mr. J.B. Maurya	201611005417	16.02.2016	03-06-2016	Application in Amended Stage (FER Issued on 28.04.2018)
7.	Microfabrication Annealing Furnace with Integrated Magnetic Field and Electric Field Application and Affixable Hall Measurement Setup	Dr. Shweta Tripathi Mr. Brijesh Kumar Singh Prof. P. Chakrabarti	201611018593	30.05.2016	15-07-2016	Application Examined (FER Issued on 04.02.2020)
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	Awaiting Examination
9.	Integrated health-monitoring device and a method of real time transfer of health condition data collected	Dr. Yogendra Kumar Prajapati Mr. Piyush Sil Mr. Piyush	201611025089	22.07.2016	30-12-2016	Application in Amended Stage (FER issued on 05.03.2019)
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	Application Examined (FER Issued on 06-12-2019)

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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	Application Examined (FER issued on 31-12-2019)
12.	Gel Imaging System	Dr. Seema Nara Mr. Pranav Tripathi	201711020522	12.06.2017	14-12-2018	Awaiting Examination
13.	Gel Imaging Device	Dr. Seema Nara Mr. Pranav Tripathi	294796 (Design No.)			Granted
14.	A Process optimization using <i>Bacillus Licheniformis</i> Lab isolate for conversion of corn starch to near theoretical yield biohydrogen production	Dr. Anjana Pandey	201711023786	06.07.2017	13-04-2018	Awaiting Examination
15.	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	Awaiting Examination
16.	Low Power, Uniform Frequency Resolution and High Sampling Speed Direct Digital Synthesis based Arbitrary Waveform Generator	Mr. Subha Sarkar Dr. Y.K. Prajapati Dr. Rajeev Tripathi	201811032831	31.08.2018	28-09-2018	Awaiting Examination
17.	A novel method of GNP synthesis and its application for individual and simultaneous detection of heavy metals (Pb ²⁺ , Cd ²⁺ , Hg ²⁺ , Cr ⁶⁺) through electrochemical analyzer	Prof. Anjana Pandey	201911043605	26-10-2019	-----	Application not yet published
18.	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	Application published
19.	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	-----	Application not yet published
20.	Herbal Formulation against Bacillary Dysentery and Related Disorders and Process for preparing the same	Dr. Vishnu Agarwal Mr. Devendra Singh	202011003755	-----	-----	Application not yet published