

## Status of Patent Published

### Total Published = 27

2022	1.	Dr. Jitender Kumar Chabra	Method and System of Securely Sorting and Retrieving Data Using Firmware of Multiple Storage Devices	Patent Application no. 202011030968 Date: 21.01.2022 Status: Published Filed Date: 20.07.2020	02
	2.	Dr. ArunGoel, and Rahul Chahel, Civil Engg.	“An Autonomous Sprinkler System And A Method For Irrigation In A Field”	Patent Application no. 202011027842 Date: 07.01.2022 Status: Published Filed Date: 30.06.2020	
2021	1.	Dr. Avadhesh Kumar Yadav, ManishKumar Bairwa	Improved Solar Vessel And A Method of Casting The Solar Vessel	Patent Application no. 202011027256 Date: 31.12.2021 Status: Published Filed Date: 26.06.2020	10
	2.	Dr. Avadhesh Kumar Yadav, Uttam Kumar	“Portable Solar Storage And Cooking Vessel”	Patent Application no. 202011027250 Date: 31.12.2021 Status: Published Filed Date: 26.06.2020	
	3.	Dr. Jitender Kumar Chabra	System ad Method of Sorting and Retrieving Data Using Multiple Devices	Patent Application no. 202011025333 Date: 17.12.2021 Status: Published Filed Date: 16.06.2020	
	4.	Dr. Anurag Gaur, Mandakini Sharma Physics Department.	Nanocomposite Film Separator For Super capacitors	Patent Application no. 202011017115 Date: 22.10.2021 Status: Published Filed Date: 21.04.2020	
	5.	Dr. Avadesh Yadan, Himanshu Aggarwal, Sanjay Chauhan, Vikrant Kumar	Design and Fabrication of Solar Thermal Cooking System	Patent Application no. 201911029522 Date: 27.08.2021 Status: Published Filed Date: 22.07.2019	
	6.	Dr. Jitender Kumar Chabra Computer Engineering	Method And Device For Data Storage In An External Device	Patent Application no. 201911053965 Date: 02.07.2021 Status: Published	
	7.	Dr. Jitender Kumar Chabra Computer Engineering	Encryption and Decryption data on an External device communication	Patent Application no. 201911034359 Date: 05.03.2021 Status: Published	

	8.	Dr. Jitender Kumar Chabra Computer Engineering	Method and system of file encryption and decryption on an external device based on multiple keys.	Patent Application no. 201911032800 Date: 19.02.2021 Status: Published	
	9.	Dr. Yashchendra Dwivedi	Fluorescent Hydrophobic Silica Composition and Process for Preparation thereof	Patent Application No. 201911029943 Dated: 29.01.2021 Status: Published	
	10.	Dr. Ashavani Kumar, Physics Deptt	Process For Photocatalytic Degradation Of Organic Pollutant And A Turmeric Photocatalyst	Patent Application No. 201911025482 Dated: 01.01.2021 Status: Published	
2020	1.	Dr. Arvind Kumar, Kunalsaini, Krishna Pandey ECE Deptt.	Multi Screen Portable Device For Display	Patent Application no. 201911014514 Date: 16.10.2020 Status: Published	08
	2.	Srivastava Shobhit Dr. Avadhesh Yadav  Mechanical Engg. Department	System For Extracting Water from Atmospheric Air	Patent No. 347637 Patent Application No. 201811020092 Dated: 02.10.2020 Status: Published	
	3.	Dr. Avijit Kumar Paul, Nikhil Kumar, Shubhangi Chemistry Deptt.	A Process for the Synthesis of A Pyrazole Derivative	Patent Application no. 201911009168 Date: 11.09.2020 Status: Published	
	4.	Dr. Anurag Gaur, Meenu Sharma  Physics Deptt.	Development of g-C <sub>3</sub> N <sub>4</sub> @ZnCo <sub>2</sub> O <sub>4</sub> hybrid electrode material for high performance symmetric supercapacitor using gel-electrolyte	Patent Application no. 201911009175 Date: 11.09.2020 Status: Published	
	5.	Dr. Ashavani Kumar, Vijay Luxmi Physics Deptt.	Agro Waste Photocatalyst For Degradation of Organic Pollutants And Process For Manufacturing Thereof	Patent Application no. 201911006225 Date: 21.08.2020 Status: Published	
	6.	Senthil Kumar Muthaiah,, MuthuKumar Kannan Chemistry Department	A Catalyst System For Synthesizing Acyclic And cyclic Imine Compounds from Acyclic And Cyclic Secondary amines And A Process For the Same Thereof	Patent application no. 201811032909 Dated: 06.03.2020 Status: Published	
	7.	Seema Narwal, Sudakar Chauhan ECE Deptt	Ambipolarity-Free Vertical-Tunnel Field Transistor (VTFET)	Patent Application no 201811031477 Date: 28.02.2020 Status: Published	
	8.	Avijit Kumar Paul, Nikhil Kumar  Chemistry Department	A Catalyst System For Synthesizing Ketone From Secondary Alcohol And A Solvent-Free Process For The Same Thereof	Patent application no. 201811029854 Dated: 14.02.2020 Status: Published	
2019	1.	Lalit Mohan Saini Chanchal Gupta Rashmi Saini	Inflatable. Soft Retractor for Surgery	Patent Application No. 201811023272 Date: 27.12.2019 Status: Published	02

		Department of Electrical Engg.			
	2.	Dr. Rajneesh Mechanical Engg. Department	Solar Heat Collector	Patent Application No. 201711042859	
				Dated: 2019 Status: Published	
2018					=0
2017					=0
2016	1.	Dr. Avadhesh Yadav Mechanical Engg.	Composite desiccant material for the production of fresh water from atmospheric air.	1566/DEL/2015 Filing Date: 01/06/2015 Publication: 02/12/2016 Status: Published	=1
2015	1.	Nikhil Marriwala, O. P. Sahu, Anil Vohra	Wi-Fi based Transceiver Using LabVIEW for Software Defined Radio,	439/CHE/2015 30/01/2015, (Filing) Published Date: 06/02/2015, Status: Published	=1
2014		Dr. Hari Singh Mechanical Engg	Intelligent Induction Hardening Device and Method Thereof	2269/DEL/2012 (PUBLISHED) 02/2014	=1
2013	1.	Dr. R.P. Chauhan and Amit Kumar Physics	Technique for the Preparation of Radon Gas Resistant Material for Dwellings	No. 3900/DEL/2012 dated 18-12-2012 (Filing) Published on 10-05-2013 & 14-06-2013, awaiting Examination	=2
	2.	Dr. R.P. Chauhan and Amit Kumar Physics	Methodology for preparing Radon Gas shielding using Silika Fumes	No. 1331/DEL/2013 dated 06-05-2013 (Filing) Published on 10-05-2013 & 14-06-2013, awaiting Examination	