

Patents of GNDU Faculty

Sr. No.	Name of the Patentee	Patent Number	Title of the patent	Year of Award of patent
1.	Chadha, B.S. , Kaur, B., Sharma, G, Agrawal, D and Raheja, Y	TEMP/E-1/1792/2022 DEL file nos. 202211001473 dated 11 Jan 2022	Hyper-cellulase producing strains of <i>Aspergillus Allahabadi</i> and a method of production thereof.	2022
2.	Randeep Singh, Manik Sharma , Jagjot Singh, Amandeep Singh	332980-001	Storage space for Agriculture Products and Seeds with Pest Killing Arrangements	2021
3.	Varinder Kaur	368712	Rod like nano-sized azidopentaamminecobalt(III) complexes as textile dyeing agents	2021
4.	Deeksha, Ashok Kumar Pathera, Rahul Thory , Archana Sinhmar, Sanjay Yadav	202111043918	Grape seed extract enriched edible coatings for shelf-life extension of marinated chicken leg	2021
5.	Aditi Sharma, Ashok Kumar Pathera, Rahul Thory , Archana Sinhmar, Sanjay Yadav	202111041888	Onion peel extract enriched starch coatings for shelf-life extension of chicken patties	2021
6.	Anchal Parmar, Rahul Thory , Archana Sinhmar, Ashok Kumar Pathera, Maninder Kaur	202111052573	Ginger and garlic extract enriched edible coating for enhancing shelf life of chicken breast	2021
7.	Sharma M., Dutta R., Vig A.P., Luthra A.	Design No.- 346604-001 Dated- 22/07/2021	Heating unit for charcoal generation	2021
8.	Dr. Palwinder Singh	332689	Conjugates of N-Benzylpyrrole or N-Benzoylpyrrole with Indolinone as highly effective anti-cancer agents	2020

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9.	Butta Singh	Application Number: 201931041139 Publication Number: 50/2019 Intellectual Property India	Automotive Adaptive Electrocardiogram QRS Pattern Design for Data Compression	2020
10.	Neena Bedi	Application no. 202011008948 Published	Natural Biofunctional lipids containing solid self microemulsifying drug delivery system of canagliflozin for synergistic effect in type 2 Diabetes.	2020
11.	Kumar, V., Sharma, M., Thukral, A. K. and Bhardwaj, R.	Design no. 311150, Dated 17/10/2018, Certificate no. 83194, Date of Issue: 22/11/2019.	Germination Tube.	2019
12.	Chadha, B.S. , Kaur, B., Basotra, N and Raheja, Y	TEMP/E- 1/43299/2019-DEL	Deregulated Hyper-Cellulase producing Mutant Strains and Combinations	2019
13.	Sharma, M., Thukral, A. K. and Bhardwaj, R.	Design no. 298600, Dated 18/10/2017 Certificate no. 67740, Date of Issue: 22/10/2018.	Cooling Assembly for Laboratory Use	2018
14.	Singh, P. , Kaur, J., Kaur, S., Singh, G., Bhatti, R.	Patent No. 352126 Application no. 201811006990 Dated: 23/02/2018	Aza-heterocycle based compounds as highly effective anti- inflammatory agents	2018
15.	Chadha, B.S. , Brar, K., Kaur, B., Basotra, N	Temp/E-1/24758/2018- DEL	Enzyme preparations produced by thermotolerant fungal strains	2018
16.	PreetMohinder Singh Bedi	Application no. 201811002325 Published	A trizaole linked isatin-coumarin hybrid compound.	2018
17.	Thory R , Sandhu KS, Sinhmar A.	201811010846	Rapid process for synthesis of biodegradable starch films from non-edible starch sources.	2018
18.	Thory R , Rani C, Kaur M, Sandhu KS, Sinhmar A.	201811037033	Biodegradable broad spectrum antimicrobial food packaging film and method thereof.	2018
19.	Sharma, M., Thukral, A. K. and	Design no. 298600, Patent	Condenser for Laboratory use- Equipment.	2017

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	Bhardwaj, R.	filed on 18/10/2017. Patent Application Accepted: 14/08/2018		
20.	Subheet Kumar Jain	288164	Lipid nano carrier based Formulation for topical delivery of etoricoxib	2017
21.	Subheet Kumar Jain	US9622977B82 AUS2009301994	Sustained Release Drug delivery system	2017
22.	Sharma, M., Thukral, A. K., Bhardwaj, R. , Kaur, V., Singh, A.	Application no. 201611009083, Patent filed on 16/03/2016. Date of Publication: 22/04/2016.	Mordant Composition for Textile Dyeing.	2016
23.	Sandeep Kumar Sood	201611024412 02.11.2016	System, Method and Apparatus For Effective Player Rating in Multiplayer Games	2016
24.	Preet Mohinder Singh Bedi	Application no. 949/Del/2014 Patent filed on 01/04/2014 Date of Publication: 31/08/2016	Novel Terpenoidal Based Analogue Of Vasicine Of Formula I With Multiple Therapeuticactivities	2016
25.	Sharma, M., Thukral, A. K. and Bhardwaj, R	Design no. 267308, Dated 10/11/2014. Certificate no. 37956. Date of issue:27/04/2015.	Thermal Proofing Testing Equipment.	2015
26.	Sandeep Kumar Sood	1380/DEL/2015 26.06.2015	System, Method & Apparatus for Effective Player Rating and Decision Making (Eprdm) for Multiplayer Games	2015
27.	Subheet Kumar Jain	3702/DEL/2014 Published	non-settling nanovesicular formulation for delivery of amphotericin b	2014
28.	Sharma, M., Thukral, A. K. and Bhardwaj, R.	Application no. 2045/DEL/2014A, Patent filed on: 18/07/2014, Date of Publication: 08/08/2014.	Thermal Insulating materials comprising <i>Eichhorniacrassipes</i>	2014

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		Issue no. 32/2014.		
29.	Sharma, M., Thukral, A. K. and Bhardwaj, R	Application no. 2471/DEL/2014. Patent filed on: 29/08/2014 Date of publication: 14/11/2014.	A Sound Proofing system comprising <i>Eichhorniacrassipes</i> (Water hyacinth)	2014
30.	Preet Mohinder Singh Bedi	Application no.2318/DEL/2012 Patent filed on: 27/07/2012 Date of publication: 12/12/2014	4 aryl/heteroaryl-(1,3)-diazepino[4,5-b]indole-2(10H)-one and diazepino[4,5-b]indol-2(10H)-mine.	2014
31.	Mahajan, G., Kate, A., Ranadive, P., Chadha, B.S. , Shouche, Y, Purohit, H.J and Balakrishnan, A	US patent Application No: 61/898,237	Use of a thiopeptide compound in the treatment of <i>clostridium difficile</i> associated infections.	2013
32.	PreetMohinder Singh Bedi	Application no. 449/DEL/2012 Patent filed on: 03/07/2012 Date of publication: 06/07/2012	A solid phase synthesis of deoxyvasicinone and fused quinazolone compounds.	2012
33.	Subheet Kumar Jain	288164 2592/DEL/2010 Granted	Lipid nano carrier basedformulation for topical delivery of etoricoxib	2010
34.	P. K. Pati , Madhu Sharma and P.S. Ahuja	US Patent No. 6569680	An efficient new method of protoplast culture	2003
35.	P. K. Pati , Madhu Sharma, Anil Sood and P.S. Ahuja	Indian patent file No. 42/00	A culture vessel for rooting of microshoots	2000