

List of Granted Patents

2022-2023

Sr No.	Title	Inventor	Application No	Journal Number & Date	Design /Utility
1.	Solid Dispersion Formulation Of Lamotrigine	Manju Nagpal, Riya, Thakur Gurjeet Singh, Geeta	201911004379	Patent Number –413713 Granted on 06/12/2022	UTILITY
2.	Autoclavable Multi Petri Dish Holder	Sumit Sharma, Sonali Batra, Sandeep Arora, Dishaan Singh Chahal, Rajni Bala, Muskaan Arora, Baljinder Kaur	353056-001	Journal Number:51/2022 Journal Date:23/12/2022	DESIGN
3.	Pressurized Test Tube Cleaning Apparatus	Inderbir Singh, Bineetpal Singh, Jaspreet Singh, Snigdha Chakraborty	354975-001	Journal Number:51/2022 Journal Date:23/12/2022	DESIGN
4.	Portable Laboratory Granulation & Sieving Station	Suryamani, Akshay Sharma, Sandeep Kumar, Inderbir Singh	338392-001	Journal Number: 02/2022 Journal Date:14/01/2022	DESIGN
5.	Multifunctional Wooden Desk	Akshay Sharma, Suryamani, Jaswinder Kaur, Inderbir Singh	339173-001	Journal Number: 03/2022 Journal Date: 21/01/2022	DESIGN
6.	Dermal Patch Of Curcumin For Therapeutic Uses	Inderbir Singh, Amrinder Singh, Sandeep Arora	2860/DEL/2014	Patent Number –391114 Granted on 04/03/2022	UTILITY
7.	Sustained Release Pharmaceutical Composition Of Glimepiride	Manju Nagpal, Tanu Chauhan, Geeta Agarwal, Sandeep Arora	201911028988	Patent Number –392689 Granted on 23/03/2022	UTILITY
8.	Squeezer Cum Feeder Bottle With Spoon For Kids	Inderbir Singh, Rashmi Aggarwal, Vishal Verma	343652-001	Journal Number: 14/2022 Journal Date: 08/04/2022	DESIGN
9.	Multipurpose Laboratory Glass Chamber	Inderbir Singh, Deepinder Singh, Suryamani, Navdeep Kaur, Gurpreet Kaur	347302-001	Journal Number: 17/2022 Journal Date: 29/04/2022	DESIGN
10.	Cage Cleaning Device	Thakur Gurjeet Singh, Onkar Bedi, Chanpreet Singh, Debarshi Ghosh, Maninderjeet Singh, Nikhil Garg	343463-001	Journal Number:19/2022 Journal Date:13/05/2022	DESIGN



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11.	Water Bottle With Medicine Containers	Inderbir Singh, Rashmi Aggarwal, Vishal Verma, Tanvi Verma	345366-001	Journal Number:19/2022 Journal Date:13/05/2022	DESIGN
12.	Novel Nitric Oxide Derivative Of 4-Glucosamino Quinoline	Anju Goyal, Mansi Anand, Aneesh Katoch, Sandeep Arora	201911020820	Patent Number –400417 Granted on 29/06/2022	UTILITY
13.	Compact Nutrition And Energy Bar And Method Thereof	Mansi Chitkara, Rajnit Kohli, I S Sandhu, Rakesh Kumar Sindhu, Didar Singh, Rohit Agnish	201711007090	Patent Number – 400111 Granted on 27/07/2022	UTILITY
14.	Auto Clavable Stainless Steel Chamber (Set)	Deepinder Singh Malik, Varinder Singh, Navdeep Kaur	346569-001	Journal Number:28/2022 Journal Date:15/07/2022	DESIGN
15.	Multi-Utility Baby Chair	Deepinder Singh Malik, Navdeep Kaur	347847-001	Journal Number:29/2022 Journal Date:22/07/2022	DESIGN
16.	Transdermal Pharmaceutical Composition Of Diclofenac	Manju Nagpal, Balraj Saini, Thakur Gurjeet Singh, Geeta Aggarwal, Sandeep Arora, Harman Bakshi	201911040114	Patent Number –402291 Granted on 28/07/2022	UTILITY
17.	Composition For An Oral Dispersible Film Comprising Zinc Salt	Rajni Bala, Reecha Madaan	202011015294	Patent Number –402401 Granted on 28/07/2022	UTILITY
18.	Novel Compounds With Anti Inflammatory Activity	Sandeep Arora, Mansi Chitkara, Ritchu Babbar, I S Sandhu, S C Sharma	2189/DEL/2015	Patent Number – 404577 Granted on 25th August 2022	UTILITY
19.	Novel Resveratrol Derivatives For Therapeutic Activity	Sandeep Arora, Mansi Chitkara, Anju Goyal	2211/DEL/2015	Patent Number – 412894 Granted on 29th November 2022	UTILITY
20.	In-Vitro Mucoadhesion test Apparatus	Inderbir Singh, Vivek Puri, Ameya Sharma	330720-001	Journal Number:50/2022 Journal Date:16/12/2022	DESIGN
21.	Advanced Rodent Metabolic Cage For Urine Analysis	Thakur Gurjeet Singh, Gaamine Preet Singh, Onkar Bedi, Shareen Singh, Nitin Kumar Saluja, Gurjinder Singh, Ashwani Singh, Rouble Gupta, Varinder Singh, Rashpinder Kaur	353689-001	Journal Number:50/2022 Journal Date:16/12/2022	DESIGN



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	Smart Rodent Cage	Thakur Gurjeet Singh, Gaamine Preet Singh, Amit Kumar, Ashi Mannan, Nitin Kumar Saluja, Gurjinder Singh, Ashwani Singh, Rouble Gupta, Varinder Singh, Debarshi Ghosh, Jasminder Sandhu	353688-001	Journal Number:52/2022 Journal Date:30/12/2022	DESIGN
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2023-2024

Sr No.	Title	Inventor	Application No	Journal Number & Date	Design /Utility
1.	Multi Purpose Gadgets Holding Stand	Inderbir Singh, Akshay Sharma, Suryamani, Priyansh, Ritu Raj	339171-001	Journal Number:01/2023 Journal Date:06/01/2023	DESIGN
2.	Convertible Multi-Utility Baby Lap Rocker	Deepinder Singh Malik, Navdeep Kaur	350834-001	Journal Number:01/2023 Journal Date:06/01/2023	DESIGN
3.	Heating Jacket For Cervical And Back Pain Management	Inderbir Singh, Rajwinder Kaur, Rashmi Arora	352809-001	Journal Number:02/2023 Journal Date:13/01/2023	DESIGN
4.	Spine And Back Brace	Inderbir Singh, Ritu Rathi, Atul Arun Shirkhedka, Sanjay Javarilal Surana, Hemant Krishnarao Wagh, Pramod Jagan Deore	353936-001	Journal Number:02/2023 Journal Date:13/01/2023	DESIGN
5.	Elevated Shock Avoidance Apparatus For Evaluation Of Anti-Psychotic Behaviour In Rats	Thakur Gurjeet Singh, Gaamine Preet Singh, Ashi Mannan, Komal Thapa, Nitin Kumar Saluja, Gurjinder Singh, Ashwani Singh	354976-001	Journal Number:02/2023 Journal Date:13/01/2023	DESIGN
6.	Lamp Cum Vapourizer	Rajwinder Kaur, Nidhi Rani, Rashmi Arora, Inderbir Singh	356253-001	Journal Number:02/2023 Journal Date:13/01/2023	DESIGN



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7.	Pulley Based Apparatus For Induction Of Cerebral Ischemia Injury	Thakur Gurjeet Singh, Gaamine Preet Singh, Heena Khan, Amanjot Kaur, Nitin Kumar Saluja, Gurjinder Singh, Ashwani Singh, Rouble Gupta, Varinder Singh, Rashpinder Kaur	353686-001	Journal Number:03/2023 Journal Date:20/01/2023	DESIGN
8.	Balloon Based Apparatus For Induction Of Cerebral Ischemia Injury	Thakur Gurjeet Singh, Gaamine Preet Singh, Manish Kumar, Nitin Kumar Saluja, Gurjinder Singh, Ashwani Singh, Rouble Gupta, Debarshi Ghosh, Rashpinder Kaur, Jasminder Sandhu	353687-001	Journal Number:03/2023 Journal Date:20/01/2023	DESIGN
9.	Toile Tseat Cleaner	Inderbirsingh, Jaspreet Singh, Mohit Bhayana, Vishal Verma	346568-001	Journal Number:04/2023 Journal Date:27/01/2023	DESIGN
10.	Rodent Tail Cleanear	Onkar Bedi, Gaaminepreet Singh, Manish Kumar, Sandeep Arora, Prateek Srivastava	356401-001	Journal Number:08/2023 Journal Date:24/02/2023	DESIGN
11.	Heating Based Two-Way Shock Avoidance Apparatus	Thakur Gurjeet Singh, Gaamine Preet Singh, Ashi Mannan, Komal Thapa, Nitin Kumar Saluja, Gurjinder Singh, Ashwani Singh	354988-001	Journal Number:10/2023 Journal Date:10/03/2023	DESIGN
12.	Bottle With Dosage Regimen Indicator	Vivek Puri, Ameya Sharma, Divya Dheer, Neha Bhandari	365406-001	Journal No is 13/2023 Journal Date is 31/03/2023	DESIGN
13.	Multi-Functional Chemical Catalyzer	Thakur Gurjeet Singh, Rajwinder Kaur, Nidhi Rani, Varinder Singh, Md Altamash Ahmad, Chanpreet Singh	370123-001	Journal No is 14/2023 Journal Date is 07/04/2023	DESIGN
14.	Sleep Deprivation Apparatus For Small Laboratory Animals	Manish Kumar, Ajay Singh, Kushwah, Priya Jindal, Onkar Bedi, Sandeep Arora, Anju Goyal	354078-001	Journal No is 20/2023 Journal Date is 19/05/2023	DESIGN



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15.	Door Sanitizer	Thakur Gurjeet Singh, Gaamine Preet Singh, Nitin Kumar Saluja, Gurjinder Singh, Ashwani Singh	359422-001	Journal No is 20/2023 Journal Date is 19/05/2023	DESIGN
16.	Portable Washroom	Deepinder Singh Malik, Deepika Raina, Navdeep Kaur	373134-001	Journal No is 21/2023 Journal Date is 26/05/2023	DESIGN
17.	Foldable Hiking Washroom With Chair (Set)	Deepinder Singh Malik, Deepika Raina, Navdeep Kaur	373133-001	Journal No is 21/2023 Journal Date is 26/05/2023	DESIGN
18.	Foldable Library Book Rack	Mamta Rani, Richi Sachdeva	368263-001	Journal No is 21/2023 Journal Date is 26/05/2023	DESIGN
19.	Smart Pillow	Thakur Gurjeet Singh, Bhavesh Dharmani, Chanpreet Singh	357441-001	Journal No is 21/2023 Journal Date is 26/05/2023	DESIGN
20.	Modified Weighing Machine	Inderbir Singh, Devanshi Mehta	361845-001	Journal No is 21/2023 Journal Date is 26/05/2023	DESIGN
21.	Multiutility Flower Vase	Rajwinder Kaur, Nidhi Rani, Rashmi Arora, Loveleen Kaur, Inderbir Singh	357900-001	Journal No is 21/2023 Journal Date is 26/05/2023	DESIGN
22.	Rotating Platforms Paradoxical Sleep Deprivation Apparatus	Thakur Gurjeet Singh, Sonia Dhiman, Onkar Bedi	373135-001	Journal No is 23/2023 Journal Date is 09/06/2023	DESIGN
23.	TO NEWSPAPER READING STAND,	MAMTA RANI	369381-001	Journal No is 23/2023 Journal Date is 09/06/2023	DESIGN
24.	Collapsible Bucket Cum Chair	Deepinder Singh Malik, Deepika Raina, Navdeep Kaur	373132-001	Journal No is 26/2023 Journal Date is 30/06/2023	DESIGN
25.	Deeep Wound Tensile Strength Measuring Apparatus	Samrat Chauhan, Rishabh Chalotra, Thakur Gurjeet Singh, Randhir Singh	386539-001	Journal No is 31/2023 Journal Date is 04/08/2023	DESIGN



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26.	Plga Nanoparticles Of Imperatorin For Anti-Cancer Activity	Anju Goyal, Gurleen, Sandeep Arora	201911022813	Journal Date is 11/08/2023	UTILITY
27.	Improved Process For Manufacture Of Extended Release Dosage Forms	Sonia Dhiman, Thakur Gurjeet Singh, Sandeep Arora	201711040531	Journal Date is 18/08/2023	UTILITY
28.	Water Purification Device	Himanshu Jindal, Inderjeet Singh Sandhu, Mansi Chitkara, Surya Narayan Panda	202011017894	Patent Number :460685 Journal Date is 27/10/2023	UTILITY
29.	Synergistic Composition Of Scopolamine And Venlafaxine For Treatment Of Drug Resistant Depression	Thakur Gurjeet Singh, Paramdeep Singh	3102/DEL/2015	Patent Number :461991	UTILITY
30.	Sprayed Nanocomposite Hydrogels For Chronic Wounds	Arun Kumar, Tapan Behl	202011035133	Patent Number :463201	UTILITY
31.	Compound For Attenuation Of Mecamylamine-Precipitated Nicotine Dependence Withdrawal Syndrome	Gurjeet Thakur, Imraan Rather, Sonia Dhiman	202011026270	Patent Number :463899 POST GRANT JOURNAL DATE 03/11/2023	UTILITY
32.	Therapeutic Composition For The Treatment And Prevention Of Alzheimer's Disease And Other Neurodegenerative Disorders	Thakur Gurjeet Singh, Avaneesh Kumar, Sonia Dhiman, Paramdeep Singh, Mayank Sippy	201611015013	Patent Number :464399	UTILITY
33.	A Kneading Method Of Preparing A Solid Dispersion Composition Of Lafutidine	Sukhbir Singh, Sandeep Arora, Neelam Sharma, Supriya Kumari Singh, Neha Kanojia, Ajmer Singh Grewal	202011053006	Patent Number :466329	UTILITY
34.	Compound For Attenuation Of Diazepam Induced Withdrawal Syndrome	Gurjeet Thakur, Amarjot Kaur Grewal	202011026265	Patent Number :469930	UTILITY
35.	Compound For Neuroprotective Effect Against Mptp-Induced Parkinson's Disease	Gurjeet Thakur, Sandeep Arora, Sonia Dhiman	202011026269	Patent Number :470366	UTILITY



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36.	Novel Herbal Sunscreen Formulation And Method Thereof	Sandeep Arora, Neelam Sharma, Sukhbir Singh, Akansha Mahajan, Jaspreet Kaur	201611003234	Patent Number :473658	UTILITY
37.	Controlled-Release Fluvastatin Microspheres By Response Surface Methodology	Neelam Sharma, Sukhbir Singh, Sandeep Arora	201911054353	Patent Number :477005	UTILITY
38.	Formulations Comprising Zinc-Coated Nano-Structured Lipid Carrier Particles Of Berberine	Arun Kumar, Tapan Behl, Sumit Jamwal	202011054150	Patent Number :477724	UTILITY

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Sr No.	Title	Inventor	Application No	Journal Number & Date	Design /Utility
1.	Novel N-Heterocyclic Scaffolds As Antineoplastic Agents	Mohit Kapoor, Ming Hua Hsu, Jen Kun Chen	201911013055	Patent Number :497514	UTILITY
2.	Cup Filling Apparatus For Evaluation Of Repetitive Behaviour In Autistic Rats	Gaaminepreet Singh, Sandeep Arora, Manish Kumar, Onkar Bedi, Gurjeet Singh Thakur, Ravinder Singh Jaura, Prateek Srivastava	358345-001	Journal No is 03/2024 Journal Date is 19/01/2024	DESIGN
3.	Digital Device For Measuring Thyroid Levels In Blood And Establishing Co-Relation With Thyroid Gland Malfunction	Gurpreet Kaur Sagoo, Varsha Singh, Nitin Saluja	201611024911	Patent Number :502458	UTILITY
4.	A Portable Device For Diagnosing Ocular Health	Varsha Singh, Mohammed Noor Uz Zaman	201811045181	Patent Number :502696	UTILITY
5.	Novel Boswellic Acid Derivatives With Therapeutic Activity And Method Thereof	Sandeep Arora, Ritchu Babbar, Kartik Sharma	3109/DEL/2015	Patent Number :504244	UTILITY



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6.	Therapeuticallybeneficial Fruit Concentrate Syrup/Molasses For Use In Bakery Products And A Method	Mansi Chitkara, Rajnit Kohli, I S Sandhu, Rakesh Kumar Sindhu, Didar Singh	201611040424	Patent Number :512370	UTILITY
7.	A Polyherbal Alcohol Free Formulation For Oral Cavity	Thakur Gurjeet Singh, Varinder Singh, Deepinder Singh, Manjinder Singh, Parnav Kumar Yadav	202111022270	Patent Number :516196	UTILITY
8.	Novel Pharmaceutical Solubility Enhancer	Manju Nagpal, Sandeep Arora, Geeta Aggarwal	201711022946	Patent Number :519548	UTILITY
9.	Nontoxic Antimicrobial Floor Cleaner Composition	Mansi Chitkara, Rakesh Kumar Sindhu, Inderbir Singh, Deepak Kumar, I S Sandhu, Sandeep Arora	201811031508	Patent Number :520550	UTILITY
10.	Sediment Extractor	Devanshi Mehta, Sonia Dhiman, Puneet Kumar, Thakur Gurjeet Singh	386540-001	Journal No is 16/2024 Journal Date is 19/04/2024	DESIGN
11.	Benzofuran And Pyrazole Substituted 1, 3, 4-Oxadiazole Compounds, Compositions And Process Of Preparation Thereof	Vishnu Nayak Badavath, Satish S Kola, Mohammad Idrees, Naqui J Siddiqui, Sandeep Arora, Tapan Behl	202111036012	Patent Number :541286	UTILITY
12.	Pharmaceutical Composition Comprising Ubiquitin–Proteasome System Inhibitor For Attenuating Seizure Development	Thakur Gurjeet Singh, Shareen Singh, Sonia Dhiman	202111004317	Patent Number :549432	UTILITY
13.	Effervescent Composition Of Citrullus Lanatus Seeds For Purification Of Contaminated Water	Anju Goyal, Deepak, Dinesh Tondon, Sandhir Sharma	202111025902	Patent Number :549635	UTILITY
14.	Pyrrolo[2,3-A] Carbazole-2-Carboxylate Based Compounds And Methods Of Preparation Thereof	Vishnu Nayak Badavath, Munusamy Saravanabhavan, Marimuthu Sekar, Raja Gunasekaran, Saurabh Gupta	202111042979	Patent Number :553481	UTILITY



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15.	Buccal Disc Formulation Of Zaleplon Comprising Mucoadhesive Polymer Of Modified Moringa Oleifera Gum	Thakur Gurjeet Singh, Sonia Dhiman, Ashi Mannan, Tejas Kansal	202111040072	Patent Number : 565018	UTILITY
16.	Bergenin Loaded Nonosponge Composition And Process Of Preparation Thereof	Rajni Bala, Reecha Madaan, Bharti Kaundal, Ravi Goyal, Suresh Kumar	202111043575	Patent Number : 565093	UTILITY
17.	Buccal Disc Formulation Of Zaleplon Comprising Mucoadhesive Polymer Of Modified Moringa Oleifera Gum	Thakur Gurjeet Singh, Sonia Dhiman, Ashi Mannan, Tejas Kansal	202111040072	Patent Number : 565018	UTILITY
18.	Bergenin Loaded Nonosponge Composition And Process Of Preparation Thereof	Rajni Bala, Reecha Madaan, Bharti Kaundal, Ravi Goyal, Suresh Kumar	202111043575	Patent Number : 565093	UTILITY