

## Annexure Y

### Shobhit University, Gangoh Patent Details

S. No.	Title	Filed	Awarded	Name of Inventors
1.	Synthesis of Metallic Nanoparticles from Sheep Milk	201911045640 A	NA	Niladry Sekhar Ghosh, Dr, Ritu M. Gilhotra, Dr. Ranjit Singh
2.	Herbal composition using bio adsorbent for removing hardness of water	202011046672	NA	Dr Divya Praksh
3.	Biogenic Synthesis Process of Making Gold Nanoparticles using Polygonatum verticillatum	202011029257 A	NA	Niladry Sekhar Ghosh and Ranjit Singh
4.	An integrated algorithm in a cloud environment to increase protection and protect privacy.	202111007164	NA	Raveendra Kumar Bharati, Dr. Ashwini Kumar Srivastava, Dr. Devendra Kumar Kaushik, Prof. (Dr.) Pawan Kumar Bharti & Prof. (Dr.) Anil Kumar
5.	Sinusoidal voltage meter	2021110188376	NA	Prof. Mahipal Singh
6.	Swarm Intelligence Enhancement Employing Machine Learning To Scan and Determine Glitches and Their Solution in Deep Learning	202121019152	NA	Dr. Ashwini Kumar Shrivastva, Raveendra Kumar Bharti, Manoj Kumar Srivastava, Prof. (Dr.) Anil Kumar, Dr. Rakesh Kumar Yadav, Sunil Kumar, Anurag Singh Yadav
7.	System for Degrading and Reusing of Marks	202111048845	NA	Dr. Divya Prakash
8.	Methods for the Estimation of Favipiravir in Pharmaceutical Formulation	202111054722A	NA	Pinki Singh, Madan Kaushik, Deepika Rani, Ranjit Singh, Bhupendra Chauhan
9.	Adaptive Breathing Exercise Device	202111054366 A	NA	Zulphikar Ali, Jaiparkash
10.	Automated Gait Improvement Device	202111054367 A	NA	Bhupendra Chahan, Ranjit Singh
11.	Automated Blackhead Removal Device	202111054368 A	NA	Deepika Rani, Ranjit Singh
12.	Automated Scoliosis Treatment Device	202111054369 A	NA	Niladry S Ghosh, Madan Kaushik
13.	Smart Ear Examination Device	202111054370 A	NA	Arif Naseer, Mayank Yadav
14.	Hands-Free Mobility Aid Device	202111054371 A	NA	Ranjit Singh, Deepika Rani



## Annexure Y

### Shobhit University, Gangoh Patent Details

15.	Spinal Pain Relief Based Exercising Device	202111054372 A	NA	Madan Kaushik, Arif Naseer
16.	Automated Medication Administration Device	202111054373 A	NA	Ranjit Singh, Niladry Ghosh
17.	Automated Paper Chromatography Device	202111054374 A	NA	Arif Naseer, Himani Bajaj
18.	Automated Column Chromatography Device	202111054375 A	NA	Bhupendra Chahan, Zulphikar Ali
19.	Leg Exercising Device	202111054393 A	NA	Niladry S Ghosh, Madan Kaushik
20.	Oral Wound Curing Device	202111054394 A	NA	Mayank Yadav, Zulphikar Ali
21.	Neck Exercising Device	202111054395 A	NA	Bhupendra Chauhan, Deepika Rani
22.	Automated Friability Testing Device	202111054396 A	NA	Ranjit Singh, Himani Bajaj
23.	Back Pain Therapeutic Device	202111054397 A	Granted	Jaiparkash, Anirudh Dev Singh
24.	2-Heterocyclic Substitutes 1h-Benzimidazole and Their Derivatives and Methods for Preparation thereof	202211029646 A	NA	Niladry S Ghosh, Jyoti and others
25.	System and Method for Monitoring Soil Quality Parameters	202111028653 A	NA	Dr. Divya Prakash, Prof. Ranjit Singh, Prof. Tarun Sharma, Dr. Jyoti Sihag and Ayush Madan
26.	A Method for Preparing an Ointment for Burn Wound Healing from Shorea robusta Roots Extract	202111040977A	NA	Sanjay Kumar, Ranjit Singh and Hayat Mukthar
27.	Preparation and Characterization of Dapagliflozen Loaded Polymeric Nanoparticles	202211009695A	NA	Ritesh, Ranjit Singh, Himanshu Chaurasia, Darsh Gautam
28.	A Method for Optimization and Characterization of Efinaconazole Transferosomal Gel	20211102836A	NA	Anjana Devi, Himanshu Chaurasia
29.	Method For Preparation of Solid Lipid Nanoparticles Gel for Topical Ocular Therapy	202211012122A	NA	Darsh Gautam, Ranjit Singh, Himanshu Chaurasia, Ritesh Rana



## Annexure Y

### Shobhit University, Gangoh Patent Details

30.	Transdermal Patch Formulation and Preparation thereof	202211020399A	NA	Sarvesh Kumar, Peesh Singhal, Ritu Vishnoi Singhal, Manisha, Vijay Jyoti Kumar, Ranjit Singh, Somesh Thapliyal, Laltendu Mohanty
31.	A Composition and Methods for Synthesis of 9 Substituted Purine Analogues	2022/07352(Republic of South Africa)	Granted	Verma Preeti, Gupta Ajay Kumar, Chauhan Bhupendra, Rajendra A, Singh Anju
32.	Doxorubicin Loaded Engineered Nanoparticles for Targeted Breast Cancer	202311085808A	NA	Prof. Himani Bajaj and Others
33.	Antifungal Combination of Beauvericin and Miconazole for The Prevention of Fungal Infections	202311050465 A	NA	Deepika Rani, Ranjit Singh, Vinit Kumar Sharma, Bhupendra Chauhan, Vipin Chaudhary and Azhar Khan
34.	Fungicidal Combination for the Prevention of C. Albicans Caused Oral Infections	202311027781 A	NA	Deepika Rani, Ranjit Singh, Vinit Kumar Sharma, Bhupendra Chauhan, Madan Kaushik and Veenu Chaudhary.
35.	Orodispersible Tablet Formulation of Modafinil and Caffeine for Narcolepsy and Preparation Method Thereof	202311019886 A	NA	Amitabh Tripathi, Deepika Rani, Alok Mukherjee, Bhupendra Chauhan, Vipin Chaudhary, Nikunj Aggarwal, Amit Kumar Mishra and Bhawana Singh.
36.	Methods and System for Preparing and Dispensing 3d Printed Pharmaceutical Formulations with Enhanced Drug Release and Bioavailability	202311027810 A	NA	Himani Bajaj, Mayank Yadav, Deepika Ghai, Seema Bisht, Ashutosh Badola
37.	Instant Tea Tablet and Preparing Process	202311027945 A	NA	Bharat Khurana and Others
38.	Herbal based Mosquito Repellent	202311026848 A	NA	Bharat Khurana and Others
39.	Novel IoT based Smart Baby Monitor with Heart Rate & Oxygen as Sleep Quality Indicators	202311005679a	NA	Himani Bajaj, Mayank Yadav and Others



## Annexure Y

### Shobhit University, Gangoh Patent Details

40.	A Formulation for Treating Abscess and Method of Preparation Thereof	202211057716 A	NA	Sarita Devi, Sachin Kumar, Prof. (Dr.) Ranjit Singh, Prof. (Dr.) Divya Prakash, Prof. (Dr.) Rajiv Dutta, Dr. Niladry Ghosh
41.	Smart Apparatus for Extraction of Active Plant Constituents for Medicinal Purposes	UK Design Patent Design #6330017	Granted	Ranjit Singh, Jyoti Saxena
42.	Doxorubicin Anchored PLGA Nanoparticles Against Breast Cancer	202311072263A	NA	Tarun Kumar, Ranjit Singh, Vinay Pandit
43.	Distillation Apparatus for Extraction of Volatile Oil	399319-001	Granted	Ravikant Gupta, Mukesh Maithani, Mayank Yadav and Others
44.	Apparatus for Detecting Neuropsychological Behavioral Activity in Rodents	408281-001	Granted	Mayank Yadav and Others

