



**Shobhit  
University**

EDUCATION EMPOWERS



Top 101-125 Band  
in Pharmacy

## CRITERION 3 - RESEARCH, INNOVATIONS AND EXTENSION

### 3.3.4 TOTAL NUMBER OF PATENTS/ COPYRIGHTS PUBLISHED/AWARDED/TECHNOLOGY-TRANSFERRED DURING THE LAST FIVE YEARS

To reduce enormous use of paper and printing the ensure data, sign and a seal by the Competent Authority for all the papers, we have used the Class-3 Digital Signatures where a Registration Authority i.e. Dr. Mahipal Singh, Registrar of our University authenticate the documents and responses claimed in this pdf file.



**SHOBHIT UNIVERSITY, Gangoh**

[Notified by Government of U.P. Act No.3 of 2012, Established u/s 2(f) of UGC Act 1956]

Adarsh Institutional Area, Babu Vijendra Marg,  
Gangoh, Distt. Saharanpur - 247341, UP

**35**  
YEARS  
OF ACADEMIC  
EXCELLENCE



**List of patents/Copyrights and the year they were published/awarded during Last Five Years**

Sr. No	Name of the Patentor/ Copyright awardee	Patent/Copyright Number	Title of the patent/Copyright	Year patent was awarded/published
1.	MayankYadav and Others	408281-001	Apparatus For Detecting Neuropsychological Behavioural Activity In Rodents	2023-24
2.	Ravikant Gupta, Mukesh Maithani, MayankYadav and Others	399319-001	Distillation Apparatus For Extraction Of Volatile Oil	2023-24
3.	Sarita Devi, Sachin Kumar, Prof. (Dr.) Ranjit Singh, Prof. (Dr.) Divya Prakash, Prof. (Dr.) Rajiv Dutta, Dr. Niladry Ghosh	202211057716 A	A Formulation For Treating Abscess And Method of Preparation Thereof	2023-24
4.	Prof. Himani Bajaj and Others	202311085808A	Doxorubicin Loaded Engineered Nanoparticles For Targeted Breast Cancer	2023-24
5.	Ranjit Singh, Jyoti Saxena	Uk Design Patent Design #6330017	Smart Apparatus For Extraction Of Active Plant Constituents For Medicinal Purposes Grant Date	2023-24

Sr. No	Name of the Patentor/ Copyright awardee	Patent/Copyright Number	Title of the patent/Copyright	Year patent was awarded/published
6.	Mr. Amitabh Tripathi, Dr. Bhupendra Chauhan, Dr. Alok Mukerjee, Ms. Deepika Rani, Mr. Vipin Chaudhary, Mr. Nikunj Agarwal, Mr. Amit Kumar Mishra, Mr. Amit Kumar Singh, Mrs. Bhawana Singh	202311019886 A	Orodispersible Tablet Formulation Of Modafinil And Caffeine For Narcolepsy And Preparation Method Thereof	2023-24
7.	Tarun Kumar, Ranjit Singh, Vinay Pandit	202311072263A	Doxorubicin Anchored PLGA Nanoparticles Against Breast Cancer	2023-24
8.	Ms. Deepika Rani, Dr. Ranjit Singh, Mr. Vinit Kumar Sharma, Dr. Bhupendra Chauhan, Mr. Vipin Chaudhary, Mr. Azhar Khan	202311050465 A	Antifungal Combination Of Beauvericin And Miconazole For The Prevention Of Fungal Infections	2023-24
9.	Bharat Khurana and Others	202311026848 A	Herbal Based Mosquito Repellent	2023-24
10.	Ms. Deepika Rani, Dr. Ranjit Singh, Dr. Madan L. Kaushik, Dr. Bhupendra Chauhan, Mr. Vinit Kumar Sharma, Ms. Veenu Choudhary	202311027781 A	Fungicidal Combination For The Prevention Of C. Albicans Caused Oral Infections	2023-24

Sr. No	Name of the Patentor/ Copyright awardee	Patent/Copyright Number	Title of the patent/Copyright	Year patent was awarded/published
11.	Dr. Himani Bajaj, Dr. MayankYadav, Dr. SeemaBisht Chauhan, DeepikaGhai, Dr. AshutoshBadola	202311027810 A	Methods And System For Preparing And Dispensing 3d Printed Pharmaceutical Formulations With Enhanced Drug Release And Bioavailability	2023-24
12.	Bharat Khurana and Others	202311027945 A	Instant Tea Tablet And Preparing Process	2023-24
13.	Dr. Divya Prakash, Sarita Devi, Dr. Tarun Kumar Sharma, Mansi Saini	202211057716 A	Method For Degradation of Used Sanitary Pads	2022-23
14.	HeranmoyMaity, Mousam Chatterjee, AritraBhowmik, Ms. MeenakshiKandwal, Ms. Anjali Rana, Dr. MayankYadav, Dr. Himani Bajaj, Ms. Rita Saini	202311005679 A	Novel Iot Based Smart Baby Monitor With Heart Rate & Oxygen As Sleep Quality Indicators	2022-23
15.	Dr. Divya Prakash, Prof. Ranjit Singh, Prof. Tarun Sharma, Dr. JyotiSihag, AyushMadan	202111028653 A	System And Method For Monitoring Soil Quality Parameters	2022-23
16.	DarshGautam, Ranjit Singh, Himanshu, Chaurasia, RiteshRana	202211012122A	Method For Preparation Of Solid Lipid Nanoparticles Gel For Topical Ocular Therapy	2022-23

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17.	Verma Preeti, Gupta Ajay Kumar, Chauhan Bhupendra, Rajendra A, Singh Anju	2022/07352(Republic Of South Africa)	A Composition And Methods For Synthesis Of 9 Substituted Purine Analogues	2022-23
18.	Niladry S Ghosh, Jyoti and others	202211029646 A	2-Heterocyclic Substitutes 1h-Benimidazole And Their Derivatives And Methods For Preparation Thereof	2021-22
19.	Dr. Sarvesh Kumar, Dr. PeeushSinghal, Dr. RituVishnoiSinghal, Dr. Manisha, Dr. Vijay Jyoti Kumar, Prof. (Dr.) Ranjit Singh, Dr. SomeshThapliyal, Mr. LalatenduMohanty	202211020399A	Transdermal Patch Formulation And Preparation Thereof	2021-22
20.	Ritesh, Ranjit Singh, HimanshuChaurasia, DarshGautam	202211009695A	Preparation And Characterization Of Dapagliflozen Loaded Polymeric Nanoparticles	2021-22
21.	Zulphikar Ali, Jaiparkash	202111054366 A	Adaptive Breathing Exercise Device	2021-22
22.	BhupendraChahan, Ranjit Singh	202111054367 A	Automated Gait Improvement Device	2021-22
23.	Deepika Rani, Ranjit Singh	202111054368 A	Automated Blackhead Removal Device	2021-22

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24.	Niladry S Ghosh, MadanKaushik	202111054369 A	Automated Scoliosis Treatment Device	2021-22
25.	ArifNaseer, MayankYadav	202111054370 A	Smart Ear Examination Device	2021-22
26.	Dr. Ranjit Singh, Deepika Rani	202111054371 A	Hands-Free Mobility Aid Device	2021-22
27.	MadanKaushik, ArifNaseer	202111054372 A	Spinal Pain Relief Based Exercising Device	2021-22
28.	Dr. Ranjit Singh, Niladry Ghosh	202111054373 A	Automated Medication Administration Device	2021-22
29.	ArifNaseer, Himani Bajaj	202111054374 A	Automated Paper Chromatography Device	2021-22
30.	BhupendraChahan,, Zulphikar Ali	202111054375 A	Automated Column Chromatography Device	2021-22
31.	Niladry S Ghosh, MadanKaushik	202111054393 A	Leg Exercising Device	2020-21
32.	MayankYadav, Zulphikar Ali	202111054394 A	Oral Wound Curing Device	2020-21
33.	Dr. Bhupendra Chauhan, Deepika Rani	202111054395 A	Neck Exercising Device	2020-21
34.	Jaiparkash,, AnirudhDev Singh	202111054397 A	Back Pain Therapeutic Device	2020-21
35.	Ranjit Singh, Himani Bajaj	202111054396 A	Automated Friability Testing Device	2020-21

Sr. No	Name of the Patentor/ Copyright awardee	Patent/Copyright Number	Title of the patent/Copyright	Year patent was awarded/published
36.	Sanjay Kumar, Ranjit Singh, Hayat Mukthar	202111040977A	A Method For Preparing An Ointment For Burn Wound Healing From Shorea Robusta Roots Extract	2020-21
37.	Anjana Devi, Himanshu Chaurasia	20211102836A	A Method For Optimization And Characterization Of Efinaconazole Transferosomal Gel	2020-21
38.	Prof. Mahipal Singh, Prof. Rakesh Jain	202111018376 A	SINUSOIDAL VOLTAGE METER	2019-20
39.	Ms. Pinki Singh, Dr. MadanKaushik, Ms. Deepika Rani, Dr. Ranjit Singh, Dr. Bhupendra Chauhan	202111054722A	Methods For The Estimation Of Favipiravir In Pharmaceutical Formulation	2019-20
40.	NiladrySekhar Ghosh and Ranjit Singh	202011029257 A	Biogenic Synthesis Process Of Making Gold Nanoparticles Using PolygonatumVerticillatum	2019-20
41.	Shoyab hussan	201811043306 A	A Pedal Powered Zeolite Cooling System and Methods Thereof	2019-20

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42.	NiladrySekhar Ghosh, Dr, Ritu M. Gilhotra, Dr. Ranjit Singh	201911045640 A	Synthesis Of Metallic Nanoparticles From Sheep Milk	2019-20