



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.

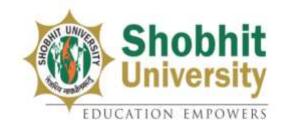


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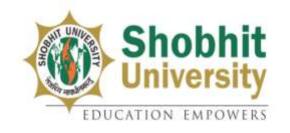


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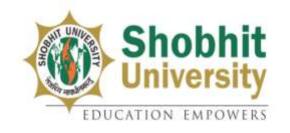
List of patents/Copyrights and the year they were published/awarded during Last Five Years

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



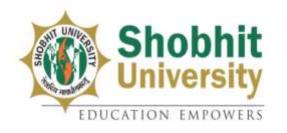
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6.	Mr. Amitabh Tripathi, Dr. Bhupendra Chauhan, Dr. AlokMukerjee, Ms. Deepika Rani, Mr. Vipin Chaudhary, Mr. Nikunj Agarwal, Mr. Amit Kumar Mishra, Mr. Amit Kumar Singh, Mrs. Bhawana Singh	202311019886 A	Orodispersible Tablet Formulation Of Modafinil 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 Imfections	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. VeenuChoudhary	202311027781 A	Fungicidal Combination For The Prevention Of C. Albicans Caused Oral Infections	2023-24



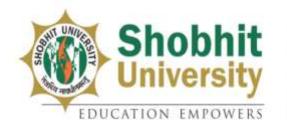
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11.	Dr. Himani Bajaj, Dr. MayankYadav, Dr. SeemaBisht Chauhan, DeepikaGhai, Dr. AshutoshBadola	202311027810 A	Methods And System For Preparing And Dispensing 3d Printed Pharmaceutical Formulations With Enhanced Drug Release And Bioavailability	2023-24
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



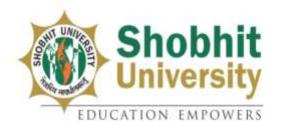
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17.	Verma Preeti, Gupta Ajay Kumar, Chauhan Bhupendra, Rajendra A, Singh Anju	2022/07352(Republic Of South Africa)	A Composition And Methods For Synthesis Of 9 Substituted Purine Analogues	2022-23
18.	Niladry S Ghosh, Jyoti and others	202211029646 A	2-Heterocyclic Substitutes 1h-Benjimidazole And Their Derivetives 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



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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