



S.D. College of Pharmacy & Vocational Studies, Muzaffarnagar
Affiliate to Dr. A.P.J. Abdul Kalam Technical University (AKTU) Lucknow
Uttar Pradesh Approved by Pharmacy Council of India,
New Delhi

Patent Details

2021-22

S.No.	Title	Application Awarded (Grant no.) No.	National/International/ Country	Name of Inventors	Status Published/Granted	Year
1	Acacia Chundra Gum Stabilized Highly Faced Nanoparticles for Controlled Drug Delivery	2021103637	Australia	Malviya RishabhaSundram Sonali Awasthi Rajendra Mishra Sudhanshu Jindal ShammyShrivastava Shobhit Prakash Raj Khushboo Kumar Vinod Singh Bhuwanendra Balusamy Balamurugan Dhanaraj Rajesh Kumar Fuloria Neeraj Kumar	Granted	2021-22
2	A frequently transesterification process of Jatropa curcus oil in the presence of a green solvent	2021106404	Indian	Kumar Gajendra Gautam Girendra Kumar Satendra Verma Vikrant Birla Deepak Chaturvedi Mohit Ganjil Jeetu Sharma Vikas Chordia	Published	2021-22

				Sachin Tiwari Abhishek Patidar NeerajKumar Ravi		
3	Novel topical formulation of glycopyrolate for preventing Hyperhidrosis	202211006216	Indian	Girendra Kumar Gautam Jadhav Sujit Appasaheb AnshuSharma HarpreetSingh Bipin KumarVerma ShivendraAgarwal RaviKumar AartiChopra Sweta Pundir Sonu Tinku Kumar Gaurav Kumar	Published	2021-22
4	NorfloxacinReverse Gelatinization Gel DevelopmentCharacterizationand Evaluation	202211015546	Indian	Dr Abhishek Tiwari Dr Varsha Tiwari Dr Manish Kumar Dr Arvind Kumar Dr Vaishali Singh Dr Sourav Ghosh Dr Suresh Kumar MrsRenu Saharan Dr Sunil Singh Dr Vipin Saini Dr Anand Poddar	Granted	2021-22
5	Norfloxacin Reverse Gelatinization Gel DevelopmentCharacterization and Evaluation	2022/07034	South Africa	Dr Abhishek Tiwari Dr Varsha Tiwari Dr Manish Kumar Dr Arvind Kumar Dr Vaishali Dr Sourav Ghosh Dr Suresh Kumar MrsRenu Saharan Dr Sunil Dr Vipin Dr Anand Poddar	Granted	2021-22
6	Robot for Sanitization	373560-001	Indian	Dr Bhuwanendra Singh Dr Anand Gulzaralam Nitin	Granted	2021-22

				Deepa Yadav Dr Yuvraj		
7	Artificial Intelligence based approach integrated with imaging technique for diagnosis of liver disease	A 202211055120	Indian	MrMohd Junaid Punit Kumar MrsGayatree Kuldeep Singh MrRohtash Singh Deepak Kumar Kushwah Praveen Kumar Shakya DrKogilaPlanimuthu D Seenivasn Rofiqul Islam Shane Alam Dr ThimmaiahBayavandaChinnappa	Published	2021-22
8	Augmentation of solubility shape of rosuvastatin using solid dispersion process	202211068554	Indian	MrNitinkumar MsNidhi Sharma MrDeepakkrKushawah MsNeha Sharma MsPriyanka Uniyal MrKuldeep Singh DrBharat Parashar MsShilpa Chandel MrDharmendra Singh MrPunet Kumar	Published	2021-22
9	A Composition and A Method for Synthesizing Corticosteroids Loaded Hybrid Nanoparticles	2022/07709	South Africa	Tiwari Ruchi GhatuarySailesh Kumar Abhay Dasgupta Sonali Singh Saumya Ghosh Sourav Singh Ramendra Bharti Vimal Kumar Kumar Sachin Kumar Rajesh Gupta Shailesh Kumar Yadav Deepa	Granted	2021-22



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Patent Details

2022-23

S.No.	Title	Application Awarded (Grant no) No.	National/International/ Country	Name of Inventors	Status Published/ Granted	Year
1	Herbal-Based Sunscreen Formulation and A Method of Preparation Thereof	2022/07097	South Africa	Dr Gaurav Tiwari DrBhuwanendra Singh Dr Anuj Singh Dr Hariom Sharma	Granted	2022-23
2	A Composition and A Method for Synthesizing Topical Ethosomal Gel of Melatonin to Prevent Ultraviolet Radiation	2022/07822	South Africa	Dr Bhuwanendra Singh Reetu Yadav Dr Bhoomika Chaudhary Prerna Gupta Abhishek Singh	Granted	2022-23
3	A Composition and A Method for Synthesis of herbal extract loaded phyto-phospholipids complexes (Phytosomes)	2022/07708	South Africa	Dr Gaurav Tiwari DrBhuwanendra Singh Dr Reshu Tiwari Dr Hariom Sharma	Granted	2022-23
4	A System of Performing Botanical and Physico-Chemical Standardization of <i>MurrayaKoengii</i>	20 2022 104675	Germany	Dr UpadhyaySukirti Dr Chaudhary Bhoomika Dr Alam Sajjad Dr Mehta Shuchi Dave DrTavade Prashant Madhavrao Dr Tiwari Gaurav Dr Singh Bhuwanendra	Granted	2022-23

5	Development and Evaluation of Voriconazole Loaded Nanostructured Lipid Carrier Based In-Situ Gel Ocular Drug Delivery	202211028121	Indian	Dr Abhishek Tiwari Dr Varsha Tiwari Dr Navneet Verma Binita Palaria Dr Anita Singh Dr Bhuwanendra Singh Dr Suresh Kumar MrsRenu Saharan DrBhishwa Mohan Sahoo Dr Manish Kumar	Granted	2022-23
6	Ultraviolet Disinfecting device for medical instruments	373555-001	Indian	Dr Bhuwanendra Singh Dr Anup k Sarbaiya Asutoshkumar Yadav Reena singh Anuj Malik	Granted	2022-23
7	Tablet Dissolution Apparatus	379614-001	Indian	DrBhuwanendraSingh Samarsh pal Roy Dr Sunil Kumar Dr Meenakshi Ratrakulwnder Singh Dr Gaurav Tiwari	Granted	2022-23
8	Dental Instruments for tooth cleaning	375524-001	Indian	Dr Bhuwanendra Singh	Granted	2022-23
9	Photographiccinematographic and optical apparatus	383000-001	Indian	Dr Meenakshi Bhatt Dr Ganesh Kumar Dr Vaishali Dr Suman Pant Dr Neelam Pant Apeksha Rawat	Granted	2022-23
10	Automated portable device for extraction of volatile oils	395860-001	Indian	Dr Sangeetha Jayaraman Dr Prasanna ShamaKhandige Dr Vandana Ssdananda Dr Vaishali Singh Dr Chandra Kant Sharma Dr Monika Sharma MsAnachal Gupta Amol Sampat Deshmukh Prof Suraj Ramchandrarao Shinde	Granted	2022-23
11	Oximeter for medical use	6267291	United Kingdom	Dr Bhuwanendra Singh	Granted	2022-23

				Sajjad Alam Bhavna Sunil Mahajan Dr Farhad Dr Bharathi		
12	Device for blood sample analysis	375984-001	Indian	Archana Gupta Ruchi Bansal Dr Bhuwanendra Singh Vandana Yadav Ruchi Bansal Vikaskumar Chaudhary Gazala Noor	Granted	2022-23
13	Glass Apparatus for separating particles from Pharmaceutical nanosuspension	6264907	United Kingdom	Dr Bhuwanendra Singh Brijesh k Saroj MrsMughisa Dr Akhlesh Patel Nihar Ranjan	Granted	2022-23
14	A Compositon and method for preparing and analysing petroleum ether extract of Glycyrrhiza Glabra L	2023/00120	South Africa	DrBhuwanendra Dr Sukriti Upadhyay Ruchi Rani Archna Gupta Neha Singh	Granted	2022-23
15	Device to AnalyseAnd Formulate Herbal Medicine	383345-001	Indian	Mr Harendra Singh MrHarendar Kumar Nivatya DrKaushal Kishor Chandrul DrTalluri Srinivasarao DrSanjana Piplani DrSharuti Mehta Dr Jayant Kumar Maurya Mrs Ketaki Suhas Shinde Dr Hitesh Kumar Mr Pankaj Chasta	Publish	2022-23
16	An Anticancer Formulation Comprising Red Wine Extract Loaded Microspheres and Process of Preparation Thereof	202311026983	Indian	Dr. Charu Bharti Suryakant Verma Nitin Kumar Baby Rabiya Parveen	Publish	2022-23
17	Medical and Laboratry Equipment	6267291	UK	Atchutuni V S Ravi Sai Nadh, Dr.SwarupanandaMukherjee, Dr.Rajagopalan Ramanathan, Dr.Farhad FMehta,	Grant	2022-23

				Dr,BharathiArigela, Dr.Sajjad Alam, Dr.A. Anton Smith, Dr.Bhuwenandrasingh, Sojwalanant Patil, Bhawna SunilMahajan		
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Patent Details

2023-24

S.No.	Title	Application Awarded (Grant no) No.	National/International/ Country	Name of Inventors	Status Published/Granted	Year
1	A Method for Preparation of Nanofibers	202111017223	Indian	Dr Bhuwanendra Singh	Granted	2023-24
2	Portable sterilization device for on-Site sterilization of pharmaceutical Glassware	389549-001	Indian	Mr Saurabh Shekhar Mr Rajesh Singh Chauhan Dr Sarita Garg MrPopin Kumar Dr Vimal Kumar Bharti Dr Vikas Gupta Suraj Mandal DrYudhishther Singh Bagal MrShivrajPopat Jadhav Mr Gaurav Chaudhary DrPrabhakarVoishvakarma	Publish	2023-24



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Patent Details

2024-25

S.No.	Title	Application Awarded (Grant no) No.	National/International/ Country	Name of Inventors	Status Published/Granted	Year
1	A Nanoformulation for immune boosting	202411076527	Indian	Gazala Noor Dr. Badruddeen Dr. Juber Akhtar Dr. Bhuwanendra Singh Dr. Anant Kumar Dr. Popin Kumar Rabia Aqeel Manvi Alpa Verma Dr. Mohammad Ahmad Dr. Mohammad Irfan Khan Rabiya Ahsan	Publish	2024-25