

**Y. B. Chavan College of Pharmacy, Aurangabad**  
**Patent List**

S. N.	Title	Application No.	Inventors	Application Year	Status (Published/Granted) If Published date of publication
1	Apparatus for Isolation and recovery of chemical compounds	397764-001 <b>Design Patent</b>	Dr. Ajay Kumar Sharma Dr. Thumburu Gunasekhar Dr. Amita Tilak Dr. Ajit Kumar Yadav Ms. NIDHI Dr. G. Muthubhupathi Mr. Kore Kakasaheb Jagannath Mohd <b>Mukhtar Khan</b> <b>Dr. Syed Iftaqar Ahmed Mr. Altamash Ansari</b> Dr. Pankaj Pradhan	17/10/2023	Applied 17/10/2023 <b>Granted 14/12/2023 (397764-001)</b>
2	Shock wave device for treatment of diabetic foot ulcers	Design number: 6313963 <b>Design Patent UK</b>	Dr. Amgoth Krishnamanjari Pawar, Mohd <b>Mukhtar Khan, Dr Syed Ayaz Ali,</b> Sameer Salam Ahmed, <b>Dr.Syed Iftquar</b> Ahmed, Ms Anu Viral Patel, Dr.Saroj Yadav, Ms. Jyoti Prakash Guru, Mrs. Nandita Abhijeet Samudre, Dr. Vinod Kumar, Jewel Chudasama	21/09/2023	<b>Granted</b> 28 /09/2023 <b>( 6313963 )</b>
3	Synthesis of Functionalised 4H – Chromene- 5-one Compound and Method for synthesis thereof	202221071076844	Satish Deshmukh, Ashish Kataria <b>Jaiprakash Sangshetti</b>	19/12/2022 Applied	<b>Granted on 6<sup>th</sup> September 2023 (449823)</b>

<b>4</b>	Nanosponge Formulation comprising Ezetimibe	201921049651 A	Bhusnure O G Jagtap S R Gholave S B Giram P S <b>Sangshetti J N</b>	03/12/2019 Published 04/06/2021	<b>Granted in August 2023 (448533)</b>
<b>5</b>	Device for Preparation of cocrystals	6291248 <b>Design Patent UK</b>	<b>Swaroop Lahoti</b> Pooja Giradkar	Registered on 19/06/2023	<b>Granted on 21/08/2023 (6291248)</b>
<b>6</b>	A Nanocatalyst and Process for synthesis of amino phosphonates using said catalyst	202221011328 A	Devendra Wagare, Sagar Sirsath, Shaikh Mujahid, Anil Gaikwad, <b>Jaiprakash Sangshetti</b>	Published on 18 <sup>th</sup> March 2022 <b>Granted in March 2023</b>	<b>Granted on 22/03/2023 (426274)</b>
<b>7</b>	Dry Powder Inhaler Formulation and process thereof for Treating Lung Infections	202022106030.4 <b>Utility Model Patent, German</b>	<b>S. R. Lahoti</b> Vinayak Kabra	26/10/2022 Applied	<b>13/02/2023 Granted (A61 K31-496)</b>
<b>8</b>	Pharmaceutical Composition For the treatment of diabetic neuropathy and process of preparation thereof	201921029053 A	<b>Hemant Une, Khan Dureshawar, Mohd Mubasshir</b>	18/07/2019	<b>Granted 08/04/2022 (394584)</b>
<b>9</b>	Amino Phosphonate Compounds	202222030116	Devendra Wagare, Sagar Sirsath, Shaikh Mujahid, Anil Gaikwad, <b>Jaiprakash Sangshetti</b>	Published on 10 <sup>th</sup> June 2022 <b>Granted in December 2022</b>	<b>Granted on 12/12/2022 (414245)</b>
<b>10</b>	Quantitative Trait Loci Analysis for assessing Rags blast resistance using machine learning technique	2021106339 <b>(Australian Innovation Patent)</b>	Shukla Piyushkumar, Mitra J Chatterjee, <b>Imran Anees Mirza Shahed Baig, Kumar Agrawal</b>	August 2021 Applied	<b>10 th November 2021</b>  <b>Granted (2021106339)</b>
<b>11</b>	Biodegradable Antibiotic Drug Delivery System and Preparation Thereof	201641022803 A	Vijayakrishna Kari, Shrikant Sadashivrao Patil , <b>Jaiprakash Sangshetti</b>	02/07/2016	Published 12/08/2016 <b>Granted 27 th October 2021 (380448)</b>

<b>12</b>	A topical antimicrobial herbal preparation	931/MUM/2014A	<b>Dehghan Mohammed Hassan, Abubakar S. Bawazir</b>	21/03/2014	<b>Granted 25 th Nov 2020 (352228)</b>
<b>13</b>	Synthesis of novel 3-(2-chloroquinolin-3-yl)-N-cyclohexylquinoxalin-2-amine and antibacterial activity of thereof	91/MUM/2015A	<b>JN Sangshetti</b> Firoz Khan, Zahid Zaheer, Rajendra Patil Rohidas Arote Devanand Shinde	05/01/2015	<b>Granted 24 th Sept 2019 (321273)</b>
<b>14</b>	Diethyl (Substituted Phenyl/heteryl)(2(2-Oxoindolin-3-ylidene)Hydrazinyl)Methyl phosphonate compounds as Anticancer Agents	201621035782 A	<b>Anna Nikalje,</b> Rekha Gajare	19/10/2016	Published 28/10/2016 <b>Granted 28 th March 2020 (333577)</b>
<b>15</b>	Polyherbal extract formulation for the management and treatment of cancer	202321039227	<b>Ansari Danish Syed Ayaz Ali Mohd Mukhtar Khan Furquan Khan</b>	08/06/2023 Applied	01/09/2023 Published
<b>16</b>	DIAGNOSIS OF DIABETIC RETINOPATHY USING OPTICAL COHERENCE TOMOGRAPHY AND MACHINE LEARNING APPROACH	202241069534 A	Raghavendra S Chinchansoor Dr. Deepa Christina Dr. Ajoke Akinola Dr. Subba Rao Peram Dr. Nalini Kanta Sahoo, M.Pharm,Ph.D, Fsass Dr. Sayyed Mateen <b>Mr. Imran Wahab Sayad Dr. K Sreerama Murthy Mr. M Dhanaraju Dr. V. Kannan Mr. J Logeshwaran</b>	02/12/2022	Published 27/01/2023

17	Dry Powder Inhaler Formulation and process thereof for Treating Lung Infections	202221056895A	<b>S. R. Lahoti</b> Vinayak Kabra	4/10/2022 Applied	Published 14/10/2022
18	Antitubercular Compound and process for preparation thereof	202121003256A	Pratiksha Sonwane <b>Mirza Shahed Baig</b>	23/01/2021	Published 29/07/2022
19	Novel N-4-(Substituted Aryl)N-2-(4-chloropyrimidin-2-yl)6,7-dimethoxy quinazoline-2,4 diamines as Anticancer Agents	20221007599	<b>Santosh N. Mokale,</b> , Shweta A. More, Nikhilkumar S. Sakle Archana Dhavale	13/02/2022	Published 15/04/2022
20	Herbal Drug Delivery system of Boswellic acid	202121057761A	<b>Furquan Khan</b> Girish Nihalani Subur Khan	13/12/21	Published 04/02/2022
21	A Pharmaceutical Chalcone derivative and a Process of Preparation thereof	202221053268 A	<b>Mirza Shahed Baig</b> <b>Altamash Ansari</b> Bhagyashree Mokale	17/09/2022	Published 30/09/2022
22	Transdermal Patch Formulation Comprising extracts of <i>Momordica Charantia</i>	202121007320 A	<b>Dr. Mirza Shahed Baig,</b> Miss. Syeda Farheen Fatema Syed Nafeesuddin	22/02/2021	Published 26/02/2021
23	A Natural Biodegradable Polymeric system of granate Peel Powder and its derivatives thereof	202121003106 A	<b>Moizul Hasan Syed Ayaz Ali</b> <b>Furquan Khan</b> <b>Imran Anees</b> <b>Subur Khan</b>	22/1/2021	Published 12/2/2021

24	Novel hydroxamic acid derivatives as Histone Deacetylase Inhibitors for the treatment of cancer and process for preparation thereof	202121043736A	Shubhangi Manikpriya, <b>Imran Anees, Mirza Shahed Baig</b>	Septembet 2021	Published 29/10/2021
25	A novel Process for the Synthesis of Ciclesonide	202121054088	Ajit Kharpe Prashant Netankar <b>Santosh Moklae</b>	November 2021	Published 03/12/2021
26	A novel Process for the Synthesis of Desfluorotriamcinolone	202121054089	Ajit Kharpe Prashant Netankar <b>Santosh Moklae</b>	November 2021	Published 03/12/2021
27	Comparative evaluation and optimization of different drug delivery system	202021018837 A	<b>Dr. Swaroop Lahoti</b> , Piyush Chudiwal	<b>02/05/2020</b>	Published 7/8/2020
28	Novel 2 Styryl-1 methyl- 1,4,5,6-tetrahydropyrimidines as Fumarate reductase inhibitors	TEMP/E-1/47753/2020-MUM	<b>Santosh N. Mokale</b> , Akshay R. Gawade, Shweta A. More, Santosh V. Deshmukh, <b>Nikhilkumar S. Sakle</b>	03/10/2020	Applied
29	Modified Release Pharmaceutical Composition containing Hydrochlorthiazide	201921005199 A	Dr. Swapnil Sharma Vikas D. Singhai Dr. Sarvesh Paliwal Kanika Verma Gaurav Gujral Pujan Kamani Dhaval Patel Dr. Yogesh Raichandani Piyush chudiwal <b>Swaroop Lahoti</b> Navneet Joshi	09/02/2019	Published 01/03/2019

<b>30</b>	Novel Process for Synthesis of Clobetasol Propionate	201821008147 A	Patil Sanjeev, Anil Bobade, <b>Jaiprakash Sangshetti</b> Devanand Shinde	06/03/2018	Published  20/07/2018
<b>31</b>	Co-crystals and pharmaceutical composition	469/MUM/2014	Mr. Mahesh Sarode, Mr. Dipak Gadade, Dr. Sanjay S. Pekamwar Dr. <b>Lahoti S.R.</b>	10/02/2014	Published 13/11/2015
<b>32</b>	Novel 2-(substituted-aryl)-3-(2-oxoindolin-3-ylidene)amino)-thiazolidin-4-one compounds as potential anticonvulsant agents	2099/MUM/2012	<b>Anna Pratima Nikalje</b>	25/04/2013	Published 03/05/2013
<b>33</b>	Microwave assisted Synthesis of Nanosponges and Pharmaceutical composition containing the same thereof	3299/MUM /2011	Zahid Zaheer, <b>Rana Zainuddin,</b> Gunjan Patil, <b>Furquan Khan,Sangshetti Jaiprakash,</b> Mazahar Farooqui	23/11/2011	Published 8/3/2013
<b>34</b>	Once a day Oral Sustained Release Gastroretentive Formulation of Lafutidine	3203/MUM/2011	<b>Furquan Khan,</b> <b>M.H.Dehghan,</b> Sha m Gadlinge, <b>Moizul Hasan,</b> Dinesh Dhamecha, Maqdoom Farooqui	11/11/2011	Published 28/6/2013
<b>35</b>	Stabilized statin Formulation	528/MUM/2010	Furquan Khan,Mukhtar Siddiqui, M.H.Dehghan	26/02/2010	Published 28/5/2010
<b>36</b>	Topical Film Forming Spray of Ketoconazole	202321043717 A	Shaikh Aklakh M.H. Dehghan Rupesh Khalse Pathan Juber Khan Karpe Sujit	29/06/2023	Published 15/09/2023

<b>37</b>	STEROIDAL LIP BALM OF METHYL PREDNISOLONE TO TREAT GLANDULAR CHEILITIS	202321067299 A	Shaikh Aklakh M.H. Dehghan Rupesh Khalse Pathan Juber Khan Shrinath Kale	06/10/23	Published 24/11/2023
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