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**Ref. No. : DYPCOP/  
Date :**

**Summary of Patent Publication for  
Academic Year 2023-2024**

<b>Sr. No</b>	<b>Name of Faculty</b>	<b>Name of Authors</b>	<b>Title</b>	<b>Publication</b>	<b>Status of Patent</b>	<b>Date of / Grant/ Publication / Filing</b>
1	Dr. Devendra Shirode	Dr.N.S Vyawahare, Ms. Asishwarya Patil	Polyherbal Formulation for treatment of Asthma.	India 202321075317A	Published	15/12/2023
2	Ms. T.A. Deokule, Mohsin Ameen	Ms. T.A. Deokule, Mohsin Ameen	Apparatus for Synthesis of Novel steroid Derioatives A7: A20	Indian 403546-001	Granted	31/12/2023
3	Dr. (Mrs) Shilpa P. Chaudhari	Dr. Chetna Dipakkumar Modi	Automatic Soft Gelatin Capsule Filling Machine	India 391244-001	Granted	11/01/2024
4	Dr.Smeeta Sadar	Dr.V. Hemamalini Dr. R. Anandhi Dr. Smeeta Sudhir Sadar Dr. Deo Karan Ram.	Automatic honey extractor	373394-001	Granted	09-02-2024
5	Ms. Tejashree Deokule	.Mohsin Ahmed Muhammad Ameen Dimple Pirgal Tejashree Deokule .Dr Vandana Garg Dr. Ujjwal Sahoo Dr Arin Natania Dr. Shiv Kumar Gupta Dr Ankita Wal Kritika Sachan Rohini Ramchandra Tate	Apparatus for synthesis of novel steroid derivatives	403546-001	Granted	20-02-2024

6	Mr. Mukesh Mohite	Miss. Vaishnavi Vishal Kavade, Mrs. Sunita Balaso Bathe, Mrs. Shital Umakant Darekar, Mr. Mukesh Mohite, Mr. Sachin Shivaji Sawant, Mr. Suryakant Abhimanyu Jadhav, Mrs. Deepali Suryakant Jadhav	Insulin pen	6350788	Granted	12-03-2024
7	Dr. Revan Karodi	Dr. Revan Karodi	Electrospinning Apparatus For Production of Nanofibers	6346245	Granted	13-03-2024
8	Ms. P.V.Powar,Dr. S.P.Chaudhari	Ms. P.V.Powar,Dr.S.P.Chaudhari	Endophytic Fungi Paef03 Extract Containing Niosome Loaded In Vaginal Gel For Perineal Cut Or Episiotomy	India 202421020899 A	Published	03/05/2024
9	Dr. Revan Karodi	Dr. Revan Karodi, Ms. Prachi Kulkarni	“Polyherbal micro sponges based topical delivery system”	202221066530	Published	24-05-2024

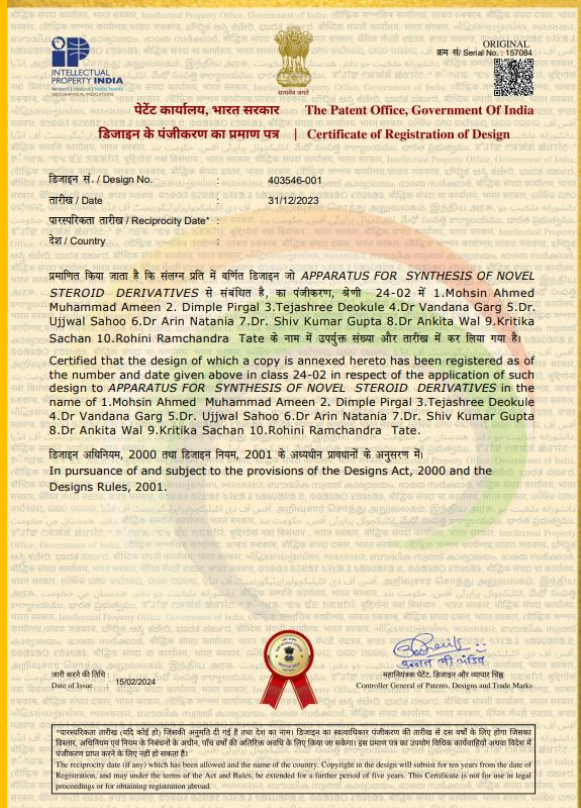
## Patent details – Academic Year 2023-2024

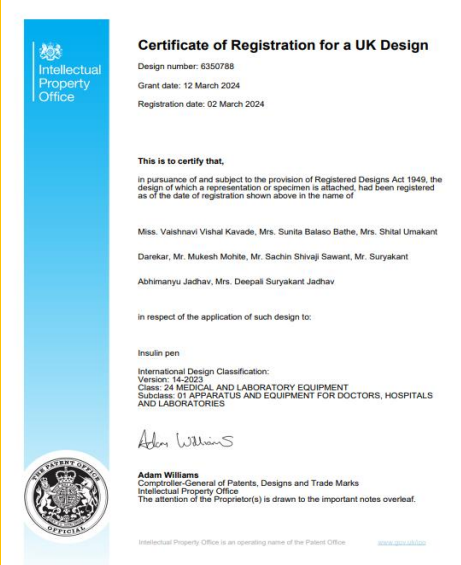
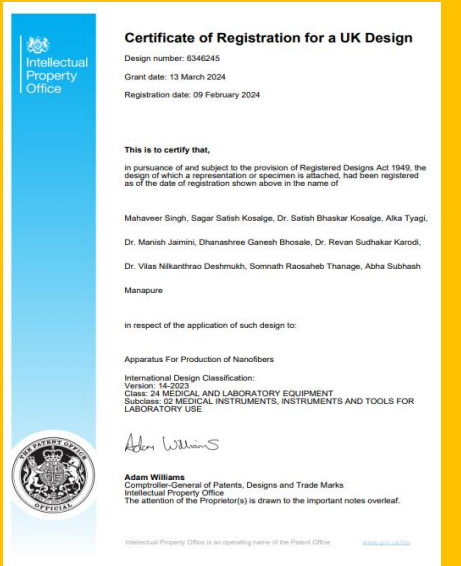
Sr. No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Proof Screenshots
1	Published	Dr. Devendra Shriram Shirode, Dr. N. S. Vyawahare, Aishwarya Sambhaji Patil,	"POLYHERBAL FORMULATION FOR TREATMENT OF ASTHMA"	04-11-2023	31-12-2023	202321075317 A	<div style="font-size: 8px;"> <p>(12) PATENT APPLICATION PUBLICATION (21) Application No.202321075317 A                      (19) INDIA (43) Publication Date : 15/12/2023                      (23) Date of Filing of Application: 04/11/2023</p> <p>(54) Title of the invention : "POLYHERBAL FORMULATION FOR TREATMENT OF ASTHMA"</p> <p>(71) Name of Applicant :                      1)Dr. Devendra Shriram Shirode                      Address of Applicant: Dr. D. Y. Patil College of Pharmacy,                      Akurdi, Pune - 411044, Maharashtra                      2)Dr. N. S. Vyawahare                      3)Aishwarya Sambhaji Patil                      Name of Applicant : N/A                      Address of Applicant : N/A                      (72) Name of Inventor :                      1)Dr. Devendra Shriram Shirode                      Address of Applicant: Dr. D. Y. Patil College of Pharmacy,                      Akurdi, Pune - 411044, Maharashtra                      2)Dr. N. S. Vyawahare                      Address of Applicant: Dr. D. Y. Patil College of Pharmacy,                      Akurdi, Pune - 411044, Maharashtra                      3)Aishwarya Sambhaji Patil                      Address of Applicant: Dr. D. Y. Patil College of Pharmacy,                      Akurdi, Pune - 411044, Maharashtra</p> <p>(57) Abstract:                      The present invention relates to polyherbal formulation for treatment of Asthma. Further invention relates to develop a polyherbal formulation (Bignonia Mynax, Blumea Laccini, Albizia Lebeck :1:1:1) and investigated it against asthma. Chlorine (1mg/kg, s.c.) and milk (4 ml/kg, s.c.) given to mice which are pretreated with dose (Low dose citric (200 mg/kg i.e., 4ml orally, high dose citric 400 mg/kg i.e. 8ml orally). Duration of catapnoe is checked for next 180 min and leucocyte count of blood is determined after 24 hours respectively. The result elaborated that polyherbal formulation showed significant reduction of parameters which are altered due to induction of chloride and milk. The result estimated supports that polyherbal formulation has potential involvement various anti-asthmatic mechanisms specially which is related to reduction in catapnoe effect and immunomodulatory effect. The result of present invention revealed polyherbal formulation has an anti-asthmatic effect.</p>  <p style="text-align: center;">Fig. 1 Subcutaneous route of administration</p> <p>No. of Pages : 15 No. of Claims : 3</p> <p style="text-align: right;">The Patent Office Journal No. 50/2023 Dated 15/12/2023 88375</p> </div>

2	Granted	Ms. Tejashree Deokule	APPARATUS FOR SYNTHESIS OF NOVEL STEROID DERIVATIVES	31-12-2023	15-02-2024	403546-001	 <p>The Patent Office, Government Of India  <b>विशालन के पंजीकरण का प्रमाण पत्र   Certificate of Registration of Design</b></p> <p>डिजाइन नं. / Design No. 403546-001      तारीख / Date 31/12/2023      प्रादेशिक तारीख / Reciprocity Date      देश / Country</p> <p>यह डिजाइन पत्र यह है कि इसमें दर्शाया गया है कि डिजाइन के APPARATUS FOR SYNTHESIS OF NOVEL STEROID DERIVATIVES के आविष्कार के, या आविष्कार, के नाम पर 24-02 के 1. Mohsin Ahmed Muhammad Ameen 2. Dimple Pargal 3. Tejashree Deokule 4. Dr Vandana Garg 5. Dr. Ujjwal Sahoo 6. Dr Arin Nazam 7. Dr. Shiv Kumar Gupta 8. Dr Anika Wal 9. Kritika Sachan 10. Rohani Ramchandra Tate के नाम से पंजीकृत किया गया है।      Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 24-02 in respect of the application of such design to APPARATUS FOR SYNTHESIS OF NOVEL STEROID DERIVATIVES in the name of 1. Mohsin Ahmed Muhammad Ameen 2. Dimple Pargal 3. Tejashree Deokule 4. Dr Vandana Garg 5. Dr. Ujjwal Sahoo 6. Dr Arin Nazam 7. Dr. Shiv Kumar Gupta 8. Dr Anika Wal 9. Kritika Sachan 10. Rohani Ramchandra Tate.</p> <p>डिजाइन अधिनियम, 2000 में डिजाइन नियम, 2001 के प्रावधानों के अंतर्गत है।      In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.</p> <p>संयोजक के नाम पर पंजीकृत किया गया है।      Registered in the name of the Controller.</p> <p>संयोजक के नाम पर पंजीकृत किया गया है।      Registered in the name of the Controller.</p>
3	Granted	Dr.S.P.Chaudhari, Ms.Vibhavarichatur	Capsule Filling machine	26-07-2023	11-01-2024	391244-001	 <p>The Patent Office, Government Of India  <b>विशालन के पंजीकरण का प्रमाण पत्र   Certificate of Registration of Design</b></p> <p>डिजाइन नं. / Design No. 391244-001      तारीख / Date 26/07/2023      प्रादेशिक तारीख / Reciprocity Date      देश / Country</p> <p>यह डिजाइन पत्र यह है कि इसमें दर्शाया गया है कि डिजाइन के CAPSULE FILLING MACHINE के आविष्कार के, या आविष्कार, के नाम पर 15-09 के 1. Dr. Boyapati Narasimha Rao 2. Mrs. Mortha Lakshmi Prasanna 3. Dr. Paashikanti Shalaja 4. Dr. Nilesh Omprakash Chachda 5. Vibhavari Makarand Chatur 6. Dr. Shashikant N. Dhole 7. Dr. (Mrs.) Shilpa Pravin Chaudhari 8. Dr. Chetna Dipakumar Modi 9. Mr. Kavish R. Karmans 10. Patel Aradhana Dineshkumar 11. Dr. Ashish Majumdar 12. Dr. Manchineni Prasad Rao के नाम से पंजीकृत किया गया है।      Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-99 in respect of the application of such design to CAPSULE FILLING MACHINE in the name of 1. Dr. Boyapati Narasimha Rao 2. Mrs. Mortha Lakshmi Prasanna 3. Dr. Paashikanti Shalaja 4. Dr. Nilesh Omprakash Chachda 5. Vibhavari Makarand Chatur 6. Dr. Shashikant N. Dhole 7. Dr. (Mrs.) Shilpa Pravin Chaudhari 8. Dr. Chetna Dipakumar Modi 9. Mr. Kavish R. Karmans 10. Patel Aradhana Dineshkumar 11. Dr. Ashish Majumdar 12. Dr. Manchineni Prasad Rao.</p> <p>डिजाइन अधिनियम, 2000 में डिजाइन नियम, 2001 के प्रावधानों के अंतर्गत है।      In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.</p> <p>संयोजक के नाम पर पंजीकृत किया गया है।      Registered in the name of the Controller.</p> <p>संयोजक के नाम पर पंजीकृत किया गया है।      Registered in the name of the Controller.</p>

4	Granted	Dr. Smeeta Sudhir Sadar	AUTOMATIC HONEY EXTRACTOR	01-10-2022	09-02-2024	373394-001
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5	Granted	Ms. Tejashri Deokule	Apparatus for synthesis of novel steroid derivatives	31/12/2023	15/02/2024	403546-001	 <p>The image shows a certificate from the Patent Office, Government of India, for the registration of a design. The certificate is in both Hindi and English. It states that the design of an apparatus for the synthesis of novel steroid derivatives, class 24-02, has been registered in the name of 1.Mohsin Ahmed Muhammad Ameen 2. Dimple Pargal 3.Tejashree Deokule 4.Dr Vandana Garg 5.Dr. Ujjwal Sahoo 6.Dr Arin Natania 7.Dr. Shiv Kumar Gupta 8.Dr Ankita Wal 9.Kritika Sachan 10.Rohini Ramchandra Tate. The certificate is valid for ten years from the date of registration (15/02/2024). It also includes the text: 'The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use as legal proceedings or for obtaining registration abroad.'</p>
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6	Granted	Mr. Mukesh Mohite	Insulin pen	02-03-2024	12-03-2024	6350788	 <p><b>Certificate of Registration for a UK Design</b>  Design number: 6350788  Grant date: 12 March 2024  Registration date: 02 March 2024</p> <p><b>This is to certify that,</b>  in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of</p> <p>Miss. Vaishnavi Vishal Kavade, Mrs. Sunila Balaso Bathe, Mrs. Shital Umakant Darekar, Mr. Mukesh Mohite, Mr. Sachin Shivaji Sawant, Mr. Suryakant Abhimanyu Jadhav, Mrs. Deepali Suryakant Jadhav</p> <p>in respect of the application of such design to:</p> <p>Insulin pen  International Design Classification:  Version: 14:2023  Class: 24 MEDICAL AND LABORATORY EQUIPMENT  Subclass: 01 APPARATUS AND EQUIPMENT FOR DOCTORS, HOSPITALS AND LABORATORIES</p> <p><i>Adam Williams</i>  <b>Adam Williams</b>  Comptroller-General of Patents, Designs and Trade Marks  Intellectual Property Office  The attention of the Proprietor(s) is drawn to the important notes overleaf.</p> <p><small>Intellectual Property Office is an operating name of the Patent Office. <a href="http://www.gov.uk/ip">www.gov.uk/ip</a></small></p>
7	Granted	Dr.Revan Karodi	Electrospinning Apparatus For Production of Nanofibers	09-02-2024	13-03-2024	6346245	 <p><b>Certificate of Registration for a UK Design</b>  Design number: 6346245  Grant date: 13 March 2024  Registration date: 09 February 2024</p> <p><b>This is to certify that,</b>  in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of</p> <p>Mahaveer Singh, Sagar Satish Kosalge, Dr. Satish Bhaskar Kosalge, Alka Tyagi, Dr. Manish Jamini, Dhanashree Ganesh Bhosale, Dr. Revan Sudhakar Karodi, Dr. Vilas Nikantrao Deshmukh, Sonmath Raosaheb Thanage, Abha Subhash Manapure</p> <p>in respect of the application of such design to:</p> <p>Apparatus For Production of Nanofibers  International Design Classification:  Version: 14:2023  Class: 24 MEDICAL AND LABORATORY EQUIPMENT  Subclass: 02 MEDICAL INSTRUMENTS, INSTRUMENTS AND TOOLS FOR LABORATORY USE</p> <p><i>Adam Williams</i>  <b>Adam Williams</b>  Comptroller-General of Patents, Designs and Trade Marks  Intellectual Property Office  The attention of the Proprietor(s) is drawn to the important notes overleaf.</p> <p><small>Intellectual Property Office is an operating name of the Patent Office. <a href="http://www.gov.uk/ip">www.gov.uk/ip</a></small></p>



8	Published	Ms. P.V.Powar, Dr.S.P.Chaudhari	Endophytic Fungi Paef03 Extract Containing Niosome Loaded In Vaginal Gel For Perineal Cut Or Episiotomy	20/03/2024	03/05/2024	202421020899 A	
9	Published	Dr. Revan Karodi, Ms. Prachi Kulkarni	"POLYHERBAL MICRO SPONGES BASED TOPICAL DELIVERY SYSTEM"	19-11-2022	24-05-2024	202221066530 A	