



## LIST OF BOOKS AND BOOK CHAPTERS PUBLISHED BY FACULTY IN AY 2024-25

| Sr. No. | Name of the teacher                  | Title of the book/chapters published                                                                          | Year of publication | ISBN number of the proceeding | Name of the publisher                                 |
|---------|--------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|-------------------------------------------------------|
| 1       | Mr. Gadgul A. B                      | Journey of quinolones from Antibacterial to Anticancer Agents.                                                | 2025                | 978-93-49970-55-7             | BP International publisher                            |
| 2       | Dr. Lohiya G. V.                     | Introduction to analytical techniques used in herbal drug technology.                                         | 2024                | 978-93-5747-680-5             | Futuristic Trends in Pharmacy and Nursing, IIP Series |
| 3       | Ms. Shinde S.S.<br>Ms. Kolsure J.S.  | Pharmaceutical inorganic chemistry                                                                            | 2025                | 97815-43348-53-8              | PV books.                                             |
| 4       | Ms. Shinde S.S.                      | Pharmacology-1                                                                                                | 2025                | 978-93-6175-317-6             | JEC Publications                                      |
| 5       | Mr. Sarda R.R.                       | Economic Benefits of Natural products in Modern Drug Discovery in the Twenty-First Century                    | 2024                | 978-981-97-4600-2             | Springer, Singapura                                   |
| 6       | Dr. Yelmate A.A &<br>Dr. Satpute K.L | Best from Agriculture Waste: Formulation and evaluation of Herbal Mosquito Repellent Dhoop Batti for Cattle's | 2025                | 978-81-983860-5-2             | Amigo International Publisher                         |
| 7       | Dr. Yelmate A.A &<br>Dr. Satpute K.L | "Menstrual Disorders in females: A google form questionnaire-Based study.                                     | 2025                | 978-81-983860-5-2             | Scientific Knowledge Publisher                        |
| 8       | Dr. Yelmate A.A                      | Promising Anti-mycobacterial potentiality of Indian Noteworthy plant Argemone Mexicana Linn.                  | 2024                | 978-93-49473-33-1             | BP International publisher                            |

## **PATENT GRANTED / PUBLISHED / FILED BY FACULTY**

| <b>Sr. No.</b> | <b>Name</b>                                   | <b>Title of the Invention</b>                                                                                                                                                   | <b>Date</b>       |
|----------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>1</b>       | <b>Dr. S. G. Sayyed</b>                       | <b>Instrument used for detection of Lung cancer</b>                                                                                                                             | <b>13/07/2023</b> |
| <b>2</b>       | <b>Mr. R. R. Sarda</b>                        | <b>Portable 3D Printer for development of Nanofibers.</b>                                                                                                                       | <b>07/08/2023</b> |
| <b>3</b>       | <b>Mr. N. S. Halke &amp; Mr. L. B. Rakh</b>   | <b>Dispenser device for thin layer chromatography reagent.</b>                                                                                                                  | <b>13/09/2023</b> |
| <b>4</b>       | <b>Mr. G. V. Lohiya</b>                       | <b>Portable Artificial Cardiac pacemaker for heart rate control</b>                                                                                                             | <b>07/10/2023</b> |
| <b>5</b>       | <b>Dr. K. L. Satpute</b>                      | <b>Herbal anti acne cream compositions</b>                                                                                                                                      | <b>30/01/2024</b> |
| <b>6</b>       | <b>Mr. N. B. Chalmale</b>                     | <b>Non Invasive Apparatus For Nano needed mediated Transdermal Delivery of insulin</b>                                                                                          | <b>24/02/2024</b> |
| <b>7</b>       | <b>Dr. Satpute K. L.</b>                      | <b>Herbal Anti Acne Facewash Compositions.</b>                                                                                                                                  | <b>15/03/2024</b> |
| <b>8</b>       | <b>Mr. R. R. Sarda</b>                        | <b>Nateglinide loaded nanostructured lipid carriers with improved bioavailability</b>                                                                                           | <b>05/04/2024</b> |
| <b>9</b>       | <b>Dr. K. L. Satpute &amp; Dr. S. M. Syed</b> | <b>Automatic Pharmacy Dispensing Machine (Pharma ATM)</b>                                                                                                                       | <b>29/04/2024</b> |
| <b>10</b>      | <b>Mr. S. S. Kshirsagar</b>                   | <b>Design and Insilico Discovery of Coumarine-thiazolidinone Derivative as Novel Lead Inhibitor for Enoyl-(Acyl-carrier-protein) Reductase Essential in Active Tuberculosis</b> | <b>10/05/2024</b> |



## Patent granted / published / filed by faculty

| Sr. No. | Name              | Title of the Invention                                                                                                                     | Date       |
|---------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1       | Dr. W.N.Chaus     | Lornoxicam subdermal implants for post operative surgical care and rheumatic diseases                                                      | 21/11/2017 |
| 2       | Dr. S.S.Tiwari    | Nanostructured lipid carriers of canagliflozin and a preparation method thereof                                                            | 23/04/2021 |
| 3       | Dr. A.A. Yelmate  | Polyherbal gel formulations                                                                                                                | 19/08/2021 |
| 4       | Dr. S.M.Sonavane  | Novel Thiazolidine and Azetidinone compounds and method for synthesis thereof                                                              | 12/11/2021 |
| 5       | Dr. K.L.Satpute   | Herbal anti acne cream compositions                                                                                                        | 12/11/2021 |
| 6       | Dr. S.M.Sonavane  | Indole derivatives for treating neuropathic pain and process for synthesis thereof                                                         | 16/12/2021 |
| 7       | Dr. Syed S.M      | Sustain release mini tablet in capsule for eletriptan hydro bromide.                                                                       | 29/07/2022 |
| 8       | Dr. S.M.Sonavane  | Novel sodium channel inhibitor compounds for treating neuropathic pain and process for synthesis thereof                                   | 11/01/2022 |
| 9       | Mr. G.V. Lohiya   | Implementation of classification models and their impact on treating cancerous nodes through nanoparticles.                                | 11/12/2022 |
| 10      | Mr. G.V. Lohiya   | Hybrid based medical imaging techniques for early diagnosis and prevention of cardiovascular diseases.                                     | 05/06/2023 |
| 11      | Mr. S.G.Sayyed    | Advancement of drug delivery system based on nanotechnology and green chemistry: Green Nanomedicine.                                       | 19/05/2023 |
| 12      | Mr. R.S. Waghmare | Portable Multilayer Tablet Punching Machine                                                                                                | 15/06/2023 |
| 13      | Mr. G.V. Lohiya   | Artificial intelligence based approach for deactivation of identified cancerous cells through bio-based nanoparticles delivery techniques. | 16/06/2023 |

