

**Faculty profile: 2025-26**

1	<b>Dr. Neha Laxane</b>	
2	<b>Email id:</b>	<a href="mailto:nehalaxane@vivapharmacy.org">nehalaxane@vivapharmacy.org</a> <a href="mailto:ndhabale@gmail.com">ndhabale@gmail.com</a>
3	<b>Education Qualification:</b>	M.Pharm, PhD
4	<b>Work experience:</b>	Teaching: 12.5 years Industry: 02 Years
5	<b>Area of specialization:</b>	Pharmaetics, Nanotechnology , Breast cancer
6	<b>Subject taught:</b>	NDDS, IP -I , IP-II
7	<b>Membership of professional bodies with Reg. No (IPA/APTI or any)</b>	CRS membership: 2274 APTI membership: MA/LM-2110
8	<p><b>Training programmes / workshops/conferences attended</b></p> <ol style="list-style-type: none"> <li>1. Participated in <b>74th IPC, Bangalore</b>, IPC 19th to 21st December Bangalore, Karnataka, India.</li> <li>2. Participated in <b>Second Women Leadership Conclave</b>, Udaipur , March 2024.</li> <li>3. Participated in <b>First Women Leadership Conclave</b>, Goa on April 2023</li> <li>4. Participated in <b>22nd International Symposium</b> on advances in technology and business potential of new drug delivery systems CRS INDIA 29 February &amp; 1st March 2024, Mumbai, Maharashtra, India.</li> <li>5. Participated in Second Women Leadership Conclave, Udaipur on March 2024</li> <li>6. Participated in <b>73 rd IPC, Hyderabad</b> IPC, on 5to 7th July 2024 Hyderabad, Telangana, India.</li> <li>7. Attended 5 Day International FDP, From concept to Lab bench: Formulation, development, QbD, DoE &amp; research to IP Pathways, 20 to 24 January 2026.</li> <li>8. Participated in one day seminar “<b>Pharmacy perspective of Revised NAAC</b>” on 1st February 2020, organized by VES college of Pharmacy, Chembur.</li> <li>9. Participated in “Faculty development on 7 th march 2019 Programme” organized by VIVA Institute of Pharmacy, Virar.</li> </ol>	

	<p><b>10.</b> ▪ Participated in national seminar on “Nutraceuticals: Recent trends and Advances” on 30th November 2018 organized by Bombay College of Pharmacy, Kalina</p> <p><b>11.</b> ▪ Participated in one day National seminar on “Innovation and advancement in natural products and drug discovery on 26th September 2017 organized by H.K college of Pharmacy, Mumbai.</p> <p><b>12.</b> ▪ Attended Webinar Series: <b>NEP 2020 Unraveled</b>, organized By APTI Women ' s Forum Western Zone</p>
<p><b>9</b></p>	<p><b>List of presentations</b></p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p>Title: Paclitaxel And Imatinib Co-loaded PLGA nanoparticles coated With Protamine having promising efficacy on breast cancer cell line  Details: 22nd International Symposium on advances in technology and business potential of new drug delivery systems <b>CRS INDIA</b> 29 February &amp; 1st March 2024,  Mumbai, Maharashtra, India.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p>Title: Analytical QbD based Simultaneous Quantification of Paclitaxel and Imatinib Mesylate in formulation by HPLC  Details: 74 th IPC, on 19th to 21st December 2025, Bangalore, Karnataka, India</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Oral Presentation  Title: Paclitaxel and Gefitinib Co-loaded PLGA nanoparticles having promising efficacy on breast cancer cell lines  Details: 73 rd IPC, Hyderabad, on 5th to 7th July 2024 Hyderabad, Telangana, India , <b>Selected under top 100 presentation</b></p> </div>
<p><b>10</b></p>	<p><b>Research publications</b>  Please mention Scopus index and impact factor if available</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p>QbD-based co-loading of paclitaxel and imatinib mesylate by protamine-coated PLGA nanoparticles effective on breast cancer cells, Nanomedicine (Future Medicine/ T&amp;F) ,2024, Impact factor: 5.5</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p>Title: Efficient co-loading of Paclitaxel and Gefitinib in PLGA nanoparticles: Use of Design of experiments (DoE) approach for enhanced efficacy against MCF-7/ MCF-7ADR cells, Polymers for Advanced Technologies (Wiley), 2025, Impact factor: 3.4</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Therapeutic evaluation of paclitaxel co-loaded PLGA nanoparticles with imatinib, protamine-imatinib, and gefitinib: comparative in vitro studies in MDA-MB-231 breast cancer cells and in vivo investigations in rats, Journal Name: Naunyn-Schmiedeberg's Archives of Pharmacology (Springer), 2025, Impact factor: 3.1</p> </div>

	<p>Development and Validation of Second-Order Derivative UV Spectrophotometric Estimation of Favipiravir Antiviral Drug, International journal of pharmaceutical sciences and research,2023</p> <p>Development and Evaluation of Sustained Release Tablets of Antihypertensive Drug, Inventi rapid,2015</p> <p>Enhancement of Antimicrobial Activity of Curcuma longa with the Combination of Ocimum sanctum and Gingiber officinale and Development and Evaluation of Topical Formulations, Journal of Pharm Biotech &amp; Microbio, 2018.</p> <p>Pharmacological Evaluation of Transdermal Patches of <i>Commiphora mukul</i> Extract for their Anti-inflammatory Activity, International Journal of Pharmacy,2018.</p> <p>Recent Advances in Nanocarrier Systems for the Co-Delivery of siRNA and Chemotherapeutic Drug for Breast Cancer Therapy, CANCER INVESTIGATION (Taylor &amp; Francis) ,2025, Impact factor: 2.3</p> <p>Sorafenib tosylate novel drug delivery systems: Implications of nanotechnology in both approved and unapproved indications, Open nano (Elsevier),2022.</p> <p>Novel drug delivery system: An advance approach of drug delivery, Journal World Journal of Pharmaceutical and Life Sciences,2024</p>
<b>11</b>	<p><b>Grants Received</b></p> <p>Nil</p>
<b>12</b>	<p>Book Published</p> <p>Nil</p>
<b>13</b>	<p>Achievements or awards / patents etc</p> <ul style="list-style-type: none"> <li>• <b>Selected under top 100 presentation:</b> Title: Paclitaxel and Gefitinib Co-loaded PLGA nanoparticles having promising efficacy on breast cancer cell lines Details: 73 rd IPC, Hyderabad, on 5th to 7th July 2024 Hyderabad, Telangana, India.</li> <li>• Invited as Poster Evaluator at 74th IPC, Banglore, IPC 19th to 21st December Banglore, Karnataka, India.</li> </ul>
<b>14</b>	Any other information- NA