



**Name:** Mayuri Sunil Mundhe

**Designation:** Assistant Professor

**Specialization:** Pharmacology

**Qualification:** Master's in Pharmacy

**Academic Experience :** 3 Months

<p><b>Skills</b></p>	<p><b>Advanced Program in Clinical Research &amp; Project Management at O' RANGE Innovations</b></p> <ol style="list-style-type: none"> <li>1. Prior experience with in vivo rodent handling and characterization of animal model for human disease is strongly.</li> <li>2. Basic knowledge for anatomy and experience working with biological specimens.</li> <li>3. Experience performing necropsy and dissection of tissue sample.</li> <li>4. Knowledge of Health Authority perspective on clinical pharmacology and use of modeling and simulation</li> <li>5. Strong background in immunochemical and cell-based assays, including experience with ELISA, MSD, cell culture techniques, and drug development.</li> <li>6. Basic Knowledge of the drug development lifecycle, from pre-clinical research to post-marketing surveillance.</li> <li>7. Familiarity with research methodology and data analysis techniques.</li> <li>8. Strong understanding of Regulatory guidelines in Clinical Research and Bioequivalence/Bioavailability studies.</li> <li>9. Comprehensive knowledge of Clinical Data Management (Electronic Data Capture, CRF designing, Validation, CDM Process Flow, Data Collection, Data Storage, Data Validation, Query Management, Data Archiving, Quality Systems, SOPs, Audits, Query Resolution, and Data Cleaning)</li> <li>10. Knowledge in Clinical Trial Management, including ICH-GCP, Site Selection, Site Initiation, Terminologies, Schedule-Y, Phase I, II, III &amp; IV trials.</li> <li>11. Familiar with roles of Monitors, CRAs, CRCs, Investigators, Sponsors, Protocols, Investigational Brochures, CRFs, eCRFs, Recruitment, Enrolment, CRF Completion, Submission, Data Query Generation, and Resolution.</li> <li>12. Proficient in data entry and data validation activities.</li> </ol>
<p><b>Workshop Seminar Attended Conferences</b></p>	<ol style="list-style-type: none"> <li>1. Attended "<b>Clinical Trials &amp; Medical Affairs Role</b>" workshop at Arab Pharmaceutical Affairs Academy</li> <li>1. Successfully completed the Live Online Workshop on <b>Clinical Trial Monitoring</b> conducted by ClinoSol Research</li> <li>1. Participation in a Two-Day Online <b>Hands-on Workshop on Clinical Trial Contracts and Budgeting</b> conducted by ClinoSol Research</li> <li>2. Participated in the One-Day International Symposium on "<b>Drug Discovery &amp; Development Interface</b>" organized by NIPER Raebareli as part of Azadi Ka Amrit Mahotsav.</li> <li>3. <b>Explored recent trends in drug discovery</b> at BITS - Pilani.</li> <li>4. Participated in the <b>National Intellectual Property Awareness</b> Mission at Intellectual Property Office, India.</li> <li>5. Attended Advances in <b>Pharmaceutical Research and Technology</b> seminar at MIT-WPU</li> <li>6. Contributed to discussions on <b>alternatives to animal experiments</b> at DPSRU</li> </ol>

<b>Professional Experience</b>	<p>Practical Assistant   MIT World Peace University (MIT-WPU)   08 Aug, 2022</p> <ul style="list-style-type: none"> <li>• Assisted Pharmacognosy practicals and conducted exams.</li> <li>• Demonstrated professionalism, interpersonal skills, and independence</li> </ul>
<b>Internship</b>	<p><b>Trainee   Compalin Innovation</b></p> <p>Acquired skills in Data Analysis, Statistics, Probability, Mathematics, and Quantitative Analysis.</p> <p>Developed expertise in Data Visualization and Modelling</p>
<b>Master's Project</b>	<p><b>Master's Project    Development of A "Liver-On-A-Chip" Model for In-Vitro Pharmacological Testing   02 Feb, 2023 - 31 Mar, 2023</b></p> <ul style="list-style-type: none"> <li>➤ Designed a microfluidic Liver-On-Chip device for in-vitro testing, offering a humane alternative to animal experiments.</li> <li>➤ Conducted Mass Spectroscopy, Confocal Microscopy, and Cell-Based Assays.</li> <li>➤ Applied statistical analysis, animal handling, dosing, and cell culture techniques.</li> </ul>
<b>Courses</b>	<ul style="list-style-type: none"> <li>✓ Advanced Program in <b>Clinical Research &amp; Project management</b> by O'RANGE Innovations</li> <li>✓ Certificate in <b>Good Clinical Practice</b> from NIDA Clinical Trials Network</li> <li>✓ <b>Clinical Research</b> Certificate Course, BioGrademy</li> <li>✓ <b>Pharmacovigilance Management system and terminologies</b> certificate from Uppsala Monitoring Centre</li> <li>✓ Successfully completed following online course through SkillUP by Simplilearn- <b>Machine Learning ,Business Analytics with Excel , Data Science with Python</b></li> </ul>
<b>Publications</b>	<p><b>Mayuri S. Mundhe</b>, Dr. Kashid Pooja, Kadam Rutuja,Dangane Pooja, <b>A Deadly Combination: Coronavirus And Diabetes Mellitus Where Are We Now?</b> International Journal of innovative research in scientific technology. May 2022 Volume-6, Issue-12, Article No.-149538.</p>
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