

ORIENTAL COLLEGE OF PHARMACY (FACULTY PROFILE TEMPLATE)

- **NAME:** Mr. Melroy Mervyn D'Sa
- **EDUCATIONAL QUALIFICATION:** D. Pharm, B. Pharm, M. Pharm (Pharmaceutics)
- **DESIGNATION:** Assistant Professor (Department of Pharmaceutics)
- **WORK EXPERIENCE**
 1. Teaching: 5 Years
 2. Industry: 7 Months
- **EMAIL ID:** melroy.d'sa@ocp.edu.in
- **AREA OF SPECIALIZATION:** Pharmaceutics
- **SUBJECTS TAUGHT:**



Sr. No.	Class	Subjects Taught
1.	First Year B. Pharm	<ul style="list-style-type: none">• Biochemistry• Hospital Pharmacy and Drug Store Management• Computer Applications in Pharmacy (Theory)• Pharmaceutical Analysis-I Practical
2.	Second Year B. Pharm	<ul style="list-style-type: none">• Physical Pharmacy Laboratory-II• Microbiology Laboratory
3.	Third Year B. Pharm	<ul style="list-style-type: none">• Pharmaceutical Biotechnology• Experimental Techniques in Microbiology and Biotechnology Laboratory• Pharmaceutical Jurisprudence• Industrial Pharmacy (Theory and Practical)
4.	Final Year B. Pharm	<ul style="list-style-type: none">• Intellectual Property Rights• Pharmaceutical Regulatory Affairs• Pharmaceutics Lab-IV
5.	M. Pharm (Pharmaceutics)	<ul style="list-style-type: none">• Pharmaceutical Regulatory Affairs• Pharmaceutics Laboratory-I• Pharmaceutics Laboratory-II
6.	M. Pharm (Quality Assurance)	<ul style="list-style-type: none">• Pharmaceutical Manufacturing Theory• Quality Management System

- **AWARDS, CREDENTIALS, PROFESSIONAL AFFILIATIONS:**

- Approved Assistant Professor in Pharmaceutics, University of Mumbai.
- Member of Maharashtra State Pharmacy Council.
- Life member of Indian Society for Technical Education (ISTE): Membership No: LM128113
- Member of Indian Pharmaceutical Association (IPA): Membership No: MAH/PALG/ON/LM/000007
- Appointed as Theory Paper Evaluator, Moderator, Practical Examiner and Theory Paper setter for University of Mumbai Examinations.
- Evaluator and Moderator for First and Second Year D. Pharmacy at MSBTE.
- Evaluator for IPA Pre-RX events (Debate Competition, Model Making Competition, Article Writing Competition).

- **RESEARCH GRANTS RECEIVED:**

- Received a Minor Research Grant from University of Mumbai of Rs. 40,000 for the Academic Year 2019-2020 for the project entitled "Formulation and Development of Novel Topical Drug Delivery for the treatment of Acne-vulgaris".

- **RESEARCH STUDENTS GUIDED**

- Co-guided- M. Pharm (Quality Assurance): 1 (Academic Year 2019-2021)
- Final Year B. Pharm Projects:
 - Academic Year 2021-2022: 4 Students
 - Academic Year 2020-2021: 3 Students
 - Academic Year 2019-2021: 4 Students

- **COMMITTEE IN CHARGE:**

- Time-table Committee.
- Examination Committee.
- Mentoring Committee.
- NBA Committee.
- NAAC Committee.
- Entrepreneur Development Cell.
- Institution Innovation Council.

- Confederation of Indian Industry (CII).
- College Magazine Committee.
- Avishkar College Co-ordinator.
- IPA College Co-ordinator.
- Admission Committee.
- Class Teacher Committee.
- **NO. OF PUBLICATIONS:**
- **National: 01**
- Deepali M. Nahar¹ *, **Melroy M. D'Sa²** , Ramesh D. Bhusal¹ and Mrunmai C. Raut¹
Simultaneous Estimation and Validation of Ketoconazole And Salicylic Acid In Bulk And Emulgel Formulation By Spectrophotometric Methods, World Journal of Pharmaceutical Research, Volume 10, Issue 7, 1014-1029.
- **International: Nil**
- **PROJECTS CARRIED OUT:**
- Developed a formulation for the project entitled "Comparative Clinical Evaluation of the Efficacy of Herbal Gel and Synthetic Gel as Local Drug Delivery Agent and their Effect on Salivary Matrix Metalloproteinase's- 8 Levels in Chronic Periodontitis Patients. A Randomized Control Trial".
- Developed a formulation for the project entitled "Local Delivery of Herbal a gel form as an adjunct to scaling and root planning (SRP) in the treatment of Chronic Periodontitis: A Randomised Controlled Clinical Trial".
- **NO. OF PRESENTATIONS:**
- **National Poster presentation: 02**
- Presented a poster on "Sofosbuvir: A new molecule for Hepatitis C Virus" in the National Conference on Current Perspectives on Drug Safety and Pharmacovigilance, organised by SVKM's Dr. Bhanuben Nanavati College of Pharmacy Mumbai on 30th January 2016.
- Presented a poster on " Different Delivery Systems for Insulin" in the National Conference on Drug Discovery and Drug Targeting In Metabolic Disorders, organised by SVKM's Dr. Bhanuben Nanavati College of Pharmacy, Mumbai 2014.

- **International Poster presentation:** Nil

- **TRAINING PROGRAMMES / WORKSHOPS/CONFERENCES ATTENDED:**
- Successfully attended three days e-Faculty Development Programme on 'Patenting in Pharmaceuticals' from 15th to 17th July 2021 organised by NCRD's Sterling Institute of Pharmacy, Nerul, Navi Mumbai in association with Intellectual Property Talent Search Examination.

- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Drug Disposition: An Important Factor in Drug Engineering" from 1st June 2021 to 5th June 2021 at Bombay College of Pharmacy (Autonomous-Affiliated to University of Mumbai).

- Successfully attended an online Workshop on "Avishkar Research Convention: 2020-2021" organized by Department of Students Development, University of Mumbai on 24th March 2021.

- Successfully attended the National e-Symposium on "Innovations in Cosmetic Science", organised by St. John Institute of Pharmacy and Research, Palghar from 4th March to 6th March 2021.

- Successfully completed One Week e-Faculty Development Programme on "Teaching in the Digital world - Learning from the Masters: Anti-Infective Discovery & Development" from 22-06-2020 to 27-06-2020 organized by Dr Bhanuben Nanavati College of of Pharmacy.

- Participated in "Product Development In The Era of QbD& ICH Q8: A Primer For Academia" An Online Webinar organized by Vivekanand Education Society's College of Pharmacy, Chembur, Mumbai between 3rd to 5th June, 2020.

- **TRAINING PROGRAMMES / WORKSHOPS/CONFERENCES ATTENDED:**

- Successfully attended five days e-Faculty Development Program on Building Research and Innovative Culture among Pharmacy Teachers from 18th May to 22nd May 2020 organized by Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune in association with Association of Pharmaceutical Teachers of India.
- Successfully attended and completed National Webinar on Understanding NAAC Accreditation Process- An Expert Opinion organized by Vivekanand Education Society's College of Pharmacy between 20th May 2020 to 22nd May 2020.
- Successfully attended and completed National Webinar Series on the topic Knowledge Generation in Education during Covid-19 Pandemic from 12th May 2020 to 16th May 2020, organised by Bombay Teachers Training College HSNC University, Mumbai along with the Department of Education, University of Mumbai.
- Attended DISSO INDIA International Online Symposium from 13th May 2020 to 16th May 2020 organised by Society for Pharmaceutical Dissolution Science.
- Successfully completed One Week International Online faculty Development Programme organised by Internal Quality Assurance Cell in association with Patlex Business Solutions on Innovation, IPR and Entrepreneurship from 4th May 2020 to 10th May 2020.
- Participated as a Delegate in National Symposium on "Start-Ups In Herbal Drug Industry", organised by St. John Institute of Pharmacy and Research, Palghar on Mumbai 4th January 2020.
- Participated in the National Life Science Entrepreneurship Awareness Programme held on 17th December 2019 at Bombay College of Pharmacy, A BIRAC-C-CAMP Initiative.
- Participated in the Workshop on " Avishkar Research Convention: 2019-20" organized by Department of Students Development, University of Mumbai at Bombay College of Pharmacy, Mumbai on 3rd August 2019.

- **TRAINING PROGRAMMES / WORKSHOPS/CONFERENCES ATTENDED:**

- Participated in One week AICTE-ISTE Approved Refresher Programme on “Soft Skills for Teachers In Higher Technical Education” from 6th May- 10th May 2019 at St. John Institute of Pharmacy and Research, Palghar.
- Attended a Workshop on 3D Printing and Its Applications as a part of PCI sponsored Continuing education Programme on “Futuristic Trends in Teaching, pedagogy and research in Pharmaceutical Sciences organised” by SVKM’s Shobhaben Pratapbhai Patel School of Pharmacy and Technology Management, SVKM’s NMIMS, Mumbai, on 15th February 2019.
- Participated as a Delegate in a three day PCI sponsored Continuing Education Programme on Futuristic Trends in Teaching, pedagogy and research in Pharmaceutical Sciences organised” by SVKM’s Shobhaben Pratapbhai Patel School of Pharmacy and Technology Management, SVKM’s NMIMS, Mumbai, from 14th February to 16th February 2019.
- Participated as a Delegate in a One Day Seminar in “Training on Current Regulatory Global Scenario” organised by Indian Pharmaceutical Association Maharashtra State Branch and Bombay College of Pharmacy at Boisar, 30th January 2019.
- Participated as a Delegate in National Symposium on “Advances In Hyphenated Analytical Techniques”, organised by St. John Institute of Pharmacy and Research, Palghar on Mumbai 5th January 2019.
- Participated in the Workshop on “ Avishkar Research Convention: 2018-19” organised by Department of Students Development, University of Mumbai at Principal K.M. Kundnani College of Pharmacy, Mumbai on 7th September 2018.

- **TRAINING PROGRAMMES / WORKSHOPS/CONFERENCES ATTENDED:**

- Participated as a Delegate in National Symposium in Collaboration with Indian Council of Medical Research (ICMR) on "Challenges and Opportunities in Novel Drug Delivery Systems", organised by St. John Institute of Pharmacy and Research, Palghar on 6th January 2018.

- **ACHIEVEMENTS:**

- Guided a research proposal titled An automated Machine Maker: Genesis of oral dissolving film which was submitted in Medicine and Pharmacy category and UG level for the Selection Round of 16th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2021-2022 for Zone.
- Guided a research proposal titled Combinatorial Novel Drug Delivery Approach For The Management Of Acne-Vulgaris which was submitted in Medicine and Pharmacy category and UG level for the Selection Round of 15th Inter-Collegiate / Institute / Department Avishkar Research Convention: 2020-2021 for Zone.
- Received the Best Student Award of Second Year Diploma in Pharmacy in the Year 2010-2011.
- Secured Second Place In Academics In First Year Diploma In Pharmacy In The Year 2009-2010.
- Awarded as the Deserving Student of Standard Tenth in the Year 2006-2007.
- **PATENTS:** 02 (One Published and one Filed)
- **BOOKS PUBLISHED:** Nil

- **AREAS OF INTEREST:**

- Formulation and Development of Novel Topical Drug Delivery Systems
- Medicated Cosmetics
- Intellectual Property Rights
- Analytical Method Development and Validation