



Name	Rachel Britto
Educational Qualification	M. Pharm
Work Experience	Teaching: 6. 4 Industry: 11 months Total: 6. 8 years
Email	rachel.cordeiro@hkcp.edu.in
Area of Specialization	Pharmaceutical Chemistry
Subjects taught	<p>UG level: PCI, CBCS and CBCS: General Chemistry, Organic Chemistry-Lab I, Organic Chemistry-I, Organic Chemistry-II, Organic Chemistry-III, Organic Chemistry-Lab II, Pharmaceutical Chemistry-IICBGS: Pharmaceutical Chemistry-III, Pharmaceutical Chemistry-IV, Pharmaceutical Chemistry Lab-III, Medicinal Chemistry-I, Medicinal Chemistry-II, Medicinal Chemistry-III, Pharmaceutical Chemistry-III, Pharmaceutical Chemistry Lab-II, Pharmaceutical Organic Chemistry-I, Pharmaceutical Organic Chemistry-II, Pharmaceutical Organic Chemistry-III</p> <p>PG level: Modern Pharmaceutical and Medicinal Chemistry</p>
Awards, Credentials, Professional affiliations	<ol style="list-style-type: none"> 1. Secured 1st Rank in Avishkar 2022, held by SNDT University in Pure Science Category held on 17th February, 2022. 2. Secured 1st rank in Rajiv Gandhi University of Health sciences by scoring 84% in M-Pharm (Pharmaceutical Chemistry) examination held in May-2015 3. Secured 2th rank in Rajiv Gandhi University of Health Sciences by scoring 86.90% in 1st B. pharm (overall) examination held in Aug-2010. 4. Secured 2nd rank for Best poster presentation in APTICON-2014, held on 28th-30th Nov, 2014 5. Worked as a 'Trainee-Research & Development' with Piramal Healthcare, Ahmedabad from 12th June, 2015 to 20th September, 2015. 6. On confirmation of employment, worked as 'Senior Research Associate' (R & D) with Piramal Healthcare from

	21st September, 2015 to 29th February, 2016.
Research Grants received	-
Research Students Guided	13 students (Project Guide, Final Year Pharm)
No. of papers published	National: 03 International: 1
No. of presentations	National: 3 International: Nil
Projects carried out	<p>A) Designing of Some New Thiazole Derivatives as anti-tubercular agents</p> <p>B) ADMET Prediction of the Synthesized Heterocyclic derivatives to treat Renal Cancer</p> <p>C) Synthesis, Characterization and Optimization of Gold nanoparticles of Luffa Cylindrica</p> <p>D) Synthesis, Characterization and Anti-inflammatory, Antioxidant activity of Some New Thiazole Derivatives</p> <p>E) Synthesis, Characterization and Anti-tubercular of Some New Thiazole Derivatives</p>
Training programs / workshops/conferences attended	<ul style="list-style-type: none"> ✓ 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 19th July 2021 to 23rd July, 2021. ✓ Virtual Workshop on ‘HPTLC: Technique and Pharma Applications’ conducted by HK College of Pharmacy on 27th August 2021 organized by Anchrome Enterprises ✓ Webinar on “Monsters in Mouth: Mouth to body connection, a window to your overall health” organized by HK College of Pharmacy on 21st August 2021 ✓ “Role of Molecular Modelling and ADME in Drug Discovery using SeeSAR and Star Drop “organized by Saraswathi Vidhya Bhavan’s College of Pharmacy in collaboration with Zastra Innovation on 14th August 2021. ✓ Online Faculty Development Program by AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Drug Discovery & Design in 21st Century" from 5th July to 9th July 2021 at Netaji Subhas University of Technology. ✓ Online Faculty Development Program by AICTE Training and Learning (ATAL) Academy Online FDP on "Stress-management" from 26th August-30th August 2020 at Indian Institute of Technology - Madras ✓ Online seminar on "Scientific Insights on Biopharmaceuticals and Drug Designing" organized by MES's Humera Khan College of Pharmacy on July 20, 2021 ✓ Global Pharmaceutical Entrepreneurship Development Online Webinar Series from 1st to 7th June, 2020 organized by Konkan Gyanpeeth Rahul Dharkar College of Pharmacy and Research Institute, Karjat ✓ ‘Covid-19 outbreak: Challenges and Opportunities in Higher Education” One-week Faculty development Program, organized by B.R. Nahata College of Pharmacy, Mandsaur, Bhopal from 1st to 5th June 2020 ✓ ‘Evolution from Offline to Online Teaching” organized by Satish Pradhan Dnyasadhana College, Thane from 30th May to 5th June, 2020 ✓ Comprehensive Quality Initiatives for Higher education in Pandemic Era” One-week Faculty development Program, organized by Uka Tarsadia University from 26th to 30th May, 2020

	<ul style="list-style-type: none"> ✓ Two-day seminar and Workshop, “Journey of a Drug Molecule: Design to Approval”, Organized by H.K. College of Pharmacy, on 24th and 25th January 2019. ✓ One-week Faculty development Program, “New Paradigm in Pharmaceutical Education and Research” Organized by H.K. College of Pharmacy, from 26th November to 1st December 2018. ✓ One-Day seminar on Flow Chemistry and its Applications at SPPSPTM, SVKM’s NMIMS, Mumbai on 17th November 2018 in association with Flow chemistry Society (Indian Chapters) ✓ Two-day seminar, “Challenges and Strategies in Herbal Formulation and Tech- Crunch Competition”, Organized by H.K. College of Pharmacy, on 5th and 6th October 2018. ✓ Participated as a delegate in “One day Workshop on IUPAC Nomenclature-Mystery Demystified” at Vivekanand Education Society’s College of Pharmacy, Mumbai on 21st July, 2018. ✓ Actively participated in First Aid Awareness program with Standard of Lifeline Institute of First Aid and Emergency Medicine held on 25th January 2018 at Dr. L.H. Hiranandani College of Pharmacy, Ulhasnagar. ✓ Actively Participated in Teachers Training Program on “Teaching Strategies for Conceptual Learning in Organic Chemistry” on 8th September, 2017 at SVKM’s <ul style="list-style-type: none"> ○ Dr. Bhanuben Nanavati College of Pharmacy ✓ Actively Participated in one day seminar “Innovations and advancements in Natural Products and Drug Discovery” on 26th September 2017 at H.K College of Pharmacy. ✓ Actively Participated in “API-Synthesis-from Lead Optimization to patent Filing” on 17th December 2016 at Dr. L.H. Hiranandani College of Pharmacy, Ulhasnagar. ✓ Actively participated in HERBOTECT-2012, National Conference on Approaches of Nanotechnology in Herbal Drug Development held on 20TH November 2012 at Sri Ramachandra University, Chennai. ✓ Actively participated as volunteer in the 46th Annual Conference of Indian Pharmacological Society, Bangalore on 16th-18th December 2013. ✓ Attended workshop on “Emerging Trend in Pharmacovigilance” on 25th Nov 2014, organized by ACRI, Bangalore. ✓ Attended workshops and had certification on REGULATORY AFFAIRS, conducted by the Al-Ameen College of Pharmacy. ✓ Attended workshop on “Application of chromatographic techniques in Drug analysis”, JSS College of pharmacy, Tamil Nadu, India.
Patents	-
Books published	-