

Dr. Pravinkumar M. Patel, M.Sc., Ph.D.



Head & Associate Professor

Industrial Chemistry Department

V. P. & R. P. T. P. Science College

Chairman BOS (Industrial Chemistry), Sardar Patel University

<https://scholar.google.co.in/citations?user=85IMEsAAAAJ&hl=en>

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Academic Background: Ph. D. (Chemistry), Chemistry Department, S. P. University, Gujarat. INDIA, [Jan 1999], Master of Science. (Organic Chemistry), First Class (69% Marks), B. K. M. Sc, College, S. G. University, Gujarat. INDIA, [Apr 1994]

Award Received: “UG Chemical Science Award 2024” Received from Gujarat Science Academy “GSA” At Hemchandracharya North Gujarat University Patan.

Subject Specialization: Organic & Polymer Chemistry for Bio Medical Applications.

Membership:

- Life Member of ISCB-Indian Society of Chemists and Biologists
- Indian Council Of Chemist – Life Fellow Member LF / 1896
- Life member of Vigyan Gurjary, Vallabh Vidyanagar

Present Responsibilities: Heading the Industrial Chemistry Department since last 08 years, Chairman Board of Studies, Industrial Chemistry, S P University – 22/07/2020 to 21/07/2023, after 21/07/2023 continue as an In-charge Chairman BOS-IC, Member of Board of Studies Industrial Chemistry, S P University (23 years) - Since 2000 to till date; Member of Faculty of Science, Sardar Patel University. Present Chairman of BOS at Autonomous VPM college.

Detail of Teaching / Research / Industry Experience:

Under Graduate/Postgraduate Teaching Experience: 28 Years

Research Experience: 23 Years leading to Ph.D. degree at S P University

Research Interest: Development of Dendrimer / Polymers for biomedical applications.

Research Projects: University Grant Commission, New Delhi, funded 02 Minor and 01 Major Research Project completed as a Principal investigator. (1. U.G.C. Western Regional Office. PUNE. Ref No.F.23/101/98(WRO), 2. U.G.C. Western Regional Office. PUNE. Ref.No.F.23-236/3001(WRO); 3. U.G.C. Delhi, Ref No.- F.No.39-686/2010)

Ph.D. Guidance: 08 students are awarded Ph.D. degree in Chemistry & Industrial Chemistry subject by Sardar Patel University.

Research Papers: 66 Research Papers Published with 600+ citation (Impact factor range 0.9 to 10)

Book Published: 02 books published (Dendritic Macromolecules- ISBN 978-1-312-20672-4 / 2. Heterocyclic compounds: biological importance and present statues, ISBN 978-363966174

Industrial Academic Interaction:

- Coordinated technical training programs at LUPIN INDUSTRIES LIMITED (During 2007, 2011, 2013 and 2014).
- Coordinated summer six-week in-plant training for S Y B.Sc. students for the last 20 years.

Academic Creative / Innovative Activities / Extracurricular activities:

- Organized university level workshop on “Skill development one day work shop (Industrial Management & Economics)” on 23 January 2023.
- Every year organized student orientation program for newly admitted student at department.
- In various chemical industries, students undergo In-plant training for six weeks.
- Arrange every year Industrial visit for under graduate IC & ICV students.
- Invited expert lectures from industries for students.
- Successfully coordinated university approved two “Add-On certificate courses” in the field of “Separation technique” and “Petroleum Testing” for UG students (>200 students benefited for the same).
- Arranged hands on training at SICART for final year IC & ICV student for last seven years.
- Every year conducted industrial visit for each class of department at various chemical industries of Gujarat.
- Has been starting up the Pharmaceuticals practical laboratory for the B Sc. Industrial Chemistry Vocational course.

Institute level Participation: Run industrial Chemistry Vocational program on self-finance basis, since last 26 years and took responsibility of ICV student admission to examinations., Vice-President Of the student central committee for the Academic Year 2021-22 & 2022-23., Co-coordinator for criteria V in last two AAA and NAAC accreditation of college, Presented department, after Principal presentation in AAA and NAAC accreditation of the college., Coordinated faculty development program at SICART., Member of Research cell of college., Member of college library committee., Look after the student counselling., Coordinated of equal opportunity cell., Look after the activities of women cell for four years.

Others:

- Guest Speaker – “Challenging and opportunities of microencapsulation technique in pharmaceutical science”, SSR college of Pharmacy, Silvassa-12-13Feb 2014.
- Member of the Organizing Secretary at National Seminars, workshop organized by the college.
- Honorary served as a guest faculty in M. Sc. (Department of Industrial Chemistry, ISTAR).
- Appointed as a paper setter, an examiner and as convener of B.Sc., M.Sc. and Ph.D. program of Industrial Chemistry and Chemistry subject for more than 20 years at Sardar Patel University and also at various universities like Charuseth University, Bhavnagar University, Veer Narmad South Gujarat University and School of Science, Gujarat University.