

RAVI KUMAR

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Associate Professor of Chemistry, J C Bose University of Science and Technology, YMCA, Faridabad, Haryana, India, Email: ravi.dhamija@rediffmail.com

TEACHING ASSIGNMENTS

- **Teaching Experience:** 21+ Years
- **Advanced Organic Synthesis:**
- Reaction Mechanism in Organic Chemistry
- Organic Photochemistry and Pericyclic Reactions
- Disconnection Approach (Retrosynthetic Analysis)
- Reagents in Organic Synthesis
- Stereochemistry of Organic Compounds
- Spectroscopic Techniques (UV, IR and NMR)
- Qualitative Analysis of Organic Mixtures
- Multistep Synthesis

RESEARCH CONTRIBUTION

- **Research Experience:** 20+ Years Post-Ph.D. Experience
- **Research Area:** Organic Synthesis and Catalysis
- **Book Chapters:** 03
- **Journal Publications:** 51+
- **Doctoral Students:** 04 (Awarded)
- **Research Associates:** 01
- **Project Fellows:** 01
- **M.Phil. Student:** 01
- **M.Sc. Project Students:** 38

ADMINISTRATIVE RESPONSIBILITIES

- Chairman, Department of Chemistry, Jan 2024 - Present
- Convener (Coordinator), NEP Implementation Committee, 2023 - Present
- Director, Central Instrumentation Lab, June 2021 - Sep 2025
- Chairman, Department of Life Sciences, July 2020 - April 2022
- Member of Academic Committees - Internal Quality Assurance Cell (2020-2022, 2024 - Present), Research Promotion Board (2021-2023), Board of Faculty of Life Sciences (2021-2023), Board of Faculty of Sciences (2020-2022, 2025-Present), Departmental Promotion Committee (DPC) (2020-2022), Central Purchase Committee (2020-2022 and 2023-2025), Execution and Planning of Admission Process (2023-24), Board of Studies - Centre for Energy Studies, Expert Committee for Research Proposals Evaluation

(RAVI KUMAR)