

In the field of physical Organic chemistry, I earned my doctorate from Pt RaviShankar Shukla University in Raipur (1995). In 2001, I worked as a Postdoctoral Research Fellow in the field of Biomimetic-Chemistry under the mentor of Professor Sung Soo Kim at the Department of Chemical & Dynamics Engineering at Inha University in Incheon, South Korea (International Project Brain Korea-21 Sponsored By United States of America). Bhopal's Council of Science and Technology has granted me a fellowship to pursue my research interests (1992-1995). Several prestigious universities and research facilities, including Chulakorn University in Thailand and the Institute Kimia in Malaysia, have honoured me by naming me a fellow. My current position is that of Professor and Head Dean of Student Welfare in the Department of Applied Chemistry at the Bhilai Institute of Technology (BIT), DURG, affiliated with the Chhattisgarh Swami Vivekanand Technical University in Bhilai.

I am currently teaching applied chemistry, environmental science, and water resources management at the bachelor's level, as well as disaster management, air pollution, fundamentals of environmental engineering, energy & environment, environmental impact assessment, and other related topics at the master's level. I am currently conducting studies in the areas of surface chemistry, pharmaceuticals, water (environmental chemistry), medicinal plants, and the chemical characterization of their extraction (pyrolysis). Chhattisgarh Swami Vivekanand Technical University in Bhilai, Pt Ravishankar Shukla University in Raipur, Dr. C. V. Raman University in Bilaspur, and MATS University in Raipur have all conferred doctoral (15), master's (12), and master's (five) degrees on students I've supervised. I've managed and finished several state and national projects for organisations like the All India Council for Technical Education in New Delhi, the Chhattisgarh Council of Science and Technology in Raipur, and the Chhattisgarh Medicinal Plant Board in the same city. Recently, I joined the Department of Atomic Energy, Government of India, Mumbai's National Uranium Project to look for radioactive materials in Chhattisgarh. More than a hundred of my research papers have appeared in journals with citation databases like SCI Scopus and UGC Care, and I have published two books with Lambert Publications in Germany.

Several high-quality journals, both domestic and foreign, have invited me to join their editorial boards. Several scientific organisations (including the Indian Surface Science and Technology Society, the Indian Chemical Society, the Indian Science Congress Association, and the International Journal of Chemistry and the Environment) list me as a Fellow member. Society for Meteorology in India, etc. Presently, I serve as the Chairman of the Board of Studies (BOS) in Applied Chemistry at Bhilai Institute of Technology in Durg, India, and as the Dean of the Department of Chemical and Biotechnology at Chhattisgarh Swami Vivekanand Technical University in Bhilai.