

**Personal Information:**

Dr. Prakash Gadipelli

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Department of Chemistry

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**Career Objectives:**

Dr. Gadipelli aims to pursue a challenging career that leverages his commitment to excellence, offering long-term opportunities for professional growth and contributing to organizational goals.

**Educational Qualifications:**

Dr. Gadipelli holds a Ph.D. in Chemistry from OPJS University, Rajasthan (2023), focusing on the physical and chemical analysis of drinking water in Telangana. He also holds dual M.Sc. degrees in Geology (Kakatiya University) and Organic Chemistry (Dr. R.J.C College of Higher Education), both with exemplary scores.

**Professional Experience:**

Dr. Gadipelli has over a decade of experience, including his tenure as Assistant Professor in the Department of Freshmen Engineering at Aditya University since 2022. Previously, he served at KLR College of Engineering & Technology, contributing significantly to departmental and accreditation activities. He also worked as a Quality Control Chemist at Symed Labs Ltd.

**Research Contributions:**

An active researcher, Dr. Gadipelli has published 14 research papers in reputed journals covering topics like Immunomodulatory activity, molecular dynamics, sustainable energy, and water quality analysis. He has authored two books, notably on "Engineering Chemistry" and "Digital Image Processing in Medical Applications." His work has been presented at multiple international conferences, where he has also chaired technical sessions.

**Training and Achievements:**

Dr. Gadipelli has completed several specialized training programs, including polymer science, energy literacy, and advanced chemistry courses. His accolades include invited talks at international conferences and editorial contributions to scientific journals.

**Technical and Teaching Expertise:**

Dr. Gadipelli is adept at teaching various chemistry and geology subjects at both undergraduate and postgraduate levels. His technical skills include water analysis, geological mapping, and coal analysis.

**Memberships and Professional Activities:**

He is a member of the International Association of Engineers (IAENG), Chinese Chemical Society and actively facilitates interdisciplinary collaboration and information exchange.