


PROFILE

Name	<i>Dr. RAKESH R. SOMANI</i>
	<p>Designation: Associate Prof., (HOD, Pharm. Chem.)</p> <p>Specialization: Pharmaceutical Chemistry</p> <p>Qualifications: M. Pharm, Ph. D. (2010)</p>
Academic Experience	<p>10 Years</p> <ul style="list-style-type: none"> • Approved UG and PG teacher (Pharm. Chemistry and Quality Assurance) of University of Mumbai. • Approved Ph. D. guide of University of Mumbai in the faculty of Pharmacy. • PG Students Guided: 17; PG Students Co-guided: 06.
Industry Experience	<p>3 Years</p> <ul style="list-style-type: none"> • As Research Executive in <u>Kopran Research Labs. Ltd. Navi Mumbai.</u> • As Junior Research Scientist in <u>Arch Pharma Labs .Ltd. Badlapur.</u> • PATENT FILED: Indian patent on “<i>Synthesis of biologically important 1, 3, 4-Oxadiazole</i>” (Patent No. 2412/mum/2009-Filed). Published by Indian Patent office.
Publications	<p>Book/ Book Chapter: 02, Research Papers: 25, Reviews: 23, Research Grants: (06), Presentations at international and national conferences: (37).</p> <p><u>CONFERENCES/SEMINARS/WORKSHOPS ATTENDED: (21)</u></p>
Area of Specialization	<ul style="list-style-type: none"> • Green Chemistry and environmental friendly chemical reactions • Microwave Synthesis. • Heterocyclic Chemistry in anti-TB, anti-HIV and anti-cancer areas. • Optimization techniques.
Research Interests	<p><u>SOME COMPLETED PROJECTS:</u></p> <ol style="list-style-type: none"> 1. Optimization of variables in microwave synthesis 2. Synthesis and pharmacological activity of some 1, 3, 4-oxadiazole derivative.

	<p>3. Synthesis and pharmacological evaluation of 2, 5-disubstituted-1, 3, 4-oxadiazoles.</p> <p>4. Study on apoptosis inducing activity of diaryl oxadiazoles.</p> <p>5. Studies of Prodrugs of NSAIDs.</p> <p>6. Synthesis and pharmacological activity of some 1, 3, 4-oxadiazole derivatives.</p> <p>7. Use of Factorial design in Optimization of variables in microwave synthesis-A novel approach.</p> <p>8. Studies on metal complexes having anti-fungal activity.</p> <p>9. Synthesis and biological evaluation of antileishmanial compounds.</p> <p>RESEARCH COLLABORATIONS: (03): A) TAACF, USA. B) NIH, National Institute of Cancer (NCI), USA. C) Rega Institute of Medical Research, Belgium.</p>
Awards	<i>NIL</i>
Scientific & Professional Affiliation	Life Member of APTI, Life Member Association of Chemistry Teachers in India, Life Member Indian Science Congress Association.
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