

## Curriculum vitae

### Dr. Deepak R. Nagargoje

**Permanent address:**

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### EDUCATIONAL QUALIFICATION:

- **Ph. D.** : **Title of Thesis:** Rational design synthesis and identification of potentially active heterocyclic compounds  
**Research Guide:** Prof. C. H. Gill,  
Dept. of Chemistry,  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad – 431004 (M.S.)
- **M. Sc.** : July 2001 with 60.6%  
(**Organic Chemistry**) RYK Science College, Nasik (University of Pune)
- **B. Sc.** : June 1999 with 74.30%  
Dr. B.A. M. University, Aurangabad (M. S.)
- **H. S. C.** : June 1996 with 68.67%  
Maharashtra State Board, Aurangabad Division
- **S. S. C.** : June 1994 with 83.42%  
Maharashtra State Board, Aurangabad Division

### FELLOWSHIPS:

- **National Eligibility Test (NET) (June, 2002):** Joint Council of Scientific and Industrial Research-University Grants Commission, New Delhi, Research Fellowship and Eligibility for Lectureship.
- **State Eligibility Test (SET) (February, 2002):** State Eligibility Test for Lectureship conducted by University of Pune, Pune, Maharashtra (India) as the State Agency.

### TEACHING EXPERIENCE:

- **March 2010 to till date**

**(3 years 7 months)**  
**Assistant Professor**  
(Department of Chemistry, M.P. A.S.C. College Panvel)

### RESEARCH EXPERIENCE:

- **July 2003 to May 2006 Research Scholar** (National Chemical Laboratory, Pune, India)
- **July 2006 to Aug. 2009 Research Scholar** (Dept. of Chemistry, Dr. BAMU Aurangabad)

## **REVIEWER:**

Medicinal Chemistry Research, Ultrasonics Sonochemistry, Journal of Molecular Catalysis: A, Journal of Serbian Chemical Society, Science Alert, Arabian Journal of Chemistry

## **RESEARCH INTERESTS:**

- Design and synthesis of bioactive compounds
- Design and synthesis of drug analogues
- Development of new synthetic methodologies for organic compounds

## **RESEARCH PUBLICATIONS:**

1. **Deepak Raghoro Nagargoje:** *Synthesis of and characterization of  $\alpha$ -aminophosphonates of fluorinated pyrazole imines using triethyl phosphite and TMSCl.* **Der Pharma Chemica.** 10/2011;
2. **Deepak Nagargoje,** Priyanka Mandhane, Savita Shingote, Pravin Badadhe, Charansingh Gill: *Ultrasound assisted one pot synthesis of imidazole derivatives using diethyl bromophosphate as an oxidant.* **Ultrasonics Sonochemistry** 05/2011; 19(1):94-6.
3. Priyanka G. Mandhane, Ratnadeep S. Joshi, **Deepak R. Nagargoje,** Charansingh H. Gill: *Thiamine hydrochloride (VB1): An efficient catalyst for one-pot synthesis of  $\alpha$ -aminophosphonates under ultrasonic irradiation.* **Chinese Chemical Letters** 01/2011; 22(5):563-566.
4. Priyanka G. Mandhane, Ratnadeep S. Joshi, **Deepak R. Nagargoje,** Charansingh H. Gill: *An efficient synthesis of 3,4-dihydropyrimidin-2(1 H)-ones catalyzed by thiamine hydrochloride in water under ultrasound irradiation.* **Tetrahedron Letters** - 01/2010; 51(23):3138-3140.
5. Priyanka G. Mandhane, Ratnadeep S. Joshi, **Deepak R. Nagargoje,** Charansingh H. Gill: *ChemInform Abstract: Ultrasound-Promoted Greener Approach to Synthesize  $\alpha$ -Hydroxy Phosphonates Catalyzed by Potassium Dihydrogen Phosphate under Solvent-Free Condition.* **ChemInform** 01/2010; 41(27).
6. Priyanka G. Mandhane, Ratnadeep S. Joshi, **Deepak R. Nagargoje,** Charansingh H. Gill: *Ultrasound-promoted greener approach to synthesize  $\alpha$ -hydroxy phosphonates catalyzed by potassium dihydrogen phosphate under solvent-free condition.* **Tetrahedron Letters** 01/2010; 51(11):1490-1492.
7. Priyanka G. Mandhane, Ratnadeep S. Joshi, **Deepak R. Nagargoje,** Asha V. Chate, Charansingh H. Gill: *Ultrasonic Promoted Synthesis and Antibacterial Screening of Some Novel Piperidine Incorporated  $\alpha$ -Aminophosphonates.* **Phosphorus Sulfur and Silicon and The Related Elements** 01/2010; 186(1):149-158.
8. Charansingh Gill, Ganesh Jadhav, Mohammad Shaikh, Rajesh Kale, Anant Ghawalkar, **Deepak Nagargoje,** Mahendra Shiradkar: *Clubbed [1,2,3] triazoles by fluorine benzimidazole: a novel approach to H37Rv inhibitors as a potential treatment for tuberculosis..* **Bioorganic & Medicinal Chemistry Letters** 11/2008; 18(23):6244-7.
9. Priyanka G. Mandhane, Ratnadeep S. Joshi, Pravin S. Mahajan, Mukesh D. Nikam, **Deepak R. Nagargoje,** Charansingh H. Gill: *Synthesis, characterization and antimicrobial screening of substituted quiazolinones derivatives.* **Arabian Journal of Chemistry** 2011