

## DR. S. D. DEOSARKAR PROFILE

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### Dr. Santosh Digambarrao Deosarkar

Assistant Professor,  
School of Chemical Sciences,  
Swami Ramanand Teerth Marathwada  
University, Dayanteerth, Vishnupuri,  
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- Educational Qualification:** M. Sc. (*Gold Medal*), Ph. D., SET, B. Ed.
- Permanent Address:** Anand Bhavan, Vivekananda Colony, Hanuman Ward,  
Umardhed-445 206, District: Yavatmal (MS) India
- Address for Correspondence:** C/o Sadashivrao Madhavrao Tarodekar, Near Umrekar's  
Building, Phule Nagar, Nanded-431 602 (MS) India
- RESEARCH:**
- Research area:** Physico-chemical studies in solutions, thermodynamics of  
solutions, molecular interactions, environmental  
chemistry
- Research Experience:** Since 2003
- Research Projects:** Completed U. G. C. Minor Research Project entitled  
*"Studies on Ultrasonic Behavior of Some Substituted  
Pyrroles in Solution"* (Rs. 1, 30,000/-) (2009-2011)
- Ph. D. Guide:** Recognized supervisor for Ph. D. in the subject of  
chemistry of R. T. M. Nagpur University and S. R. T. M.  
University, Nanded (MS) India
- Publications:** **13** papers published (International=**10** and National=**03**)
- Oral Presentations:** **02** (National conference)
- Full research papers in National Conference Proceedings:** **04** papers
- Full research papers in International Conference Proceedings:** **01** paper
- Poster Presentation:** **08** (National conference-**07**, International conference-**01**)

**Expertise in:** Interpretation of *IR, UV-VIS, NMR, MASS* spectra

**Membership Holding:** Life Member of *Indian Chemical Society*, Kolkata, India

**Conferences/Seminars/Workshops Attended: 20**

International Level: **02**, National Level: **13**,  
State Level: **03**, College Level: **02**

**TEACHING:**

**Teaching Experience:** Since September 2004, full time lecturer at UG and PG level, at *Govt. Institute of Science, Nagpur*, at *Saint Francis De Sales College, Nagpur* and now at *S. R. T. M. University, Nanded*

**Subjects Taught at PG level:** Physical Chemistry, Analytical Chemistry, Industrial Chemistry, Spectroscopy and Research Methodology

**Details of Contributions to Educational Innovations:**

- 1. Teaching methods:** Use of projector for power point presentations, showing animations based on topics in the syllabus for making the Chemistry interesting in the class, teacher student interactions, teaching aids, models etc.
- 2. Laboratory experiments:** Use of Microsoft Office "EXCEL" programme and other software's for the calculations, graphs and structure drawing in practical classes
- 3. Evaluation methods:** Unit Tests, Assignments, Viva-Voce, Quiz competition etc.
- 4.** Preparation of resource material including books, reading materials, laboratory manuals.
- 5.** Remedial Teaching / Student Counseling
- 6. Bridging courses:** First 4-5 lectures for bridging course

**Workshops Organized:**

1. National Workshop on *Non-conventional and Renewable Energy*
2. State level *SET Workshop* for M.Sc. Chemistry students
3. *College level Science exhibition*

**Organizing Committee Member of:**

International Conference on *Chemistry for Mankind Innovative Ideas in Life Sciences* (9-11 February 2011) Nagpur

**National Advisory Committee Member of:**

National Conference on *Advanced Technologies in Material Science and their Applications* (6/03/2011) Arvi District- Nagpur

**National Service Scheme (NSS):** Rendered 240 hours of social service under NSS

**International Marathon:**

Participated in the *Nagpur International Marathon* to promote *Gandhiji's principles of peace and non-violence* as a *Technical Official*, 31/1/2010