

DR. PRASAD RAMESH JOSHI

Ph.D. Analytical and Physical Chemistry,
Email: ambitionchanakya1933@gmail.com
Contact No. +919404298547, +918308283043

Department of Applied Chemistry,
National Chiao Tung University,
Hsinchu, Taiwan

Educational Details:

- May 2012 : **Ph.D. Analytical and Physical Chemistry**,
Laboratoire de Dynamique, Interactions et Réactivité (LADIR), CNRS-UMR
7075, [University of Pierre and Marie Curie \(Sorbonne University/
University of Paris 6\)](#), Paris, France.
Result: Highly honorable remark
- June 2005 : **M.Sc. Analytical Chemistry**,
[Department of Chemistry, University of Pune](#), Maharashtra, India.
grade-A
- June 2003 : **B.Sc. Chemistry**,
Shri Chhatrapati Shivaji Mahavidyalaya, Shrigonda, [University of Pune](#),
Maharashtra, India.
Distinction

Professional Experience:

- Aug 2019 – till date : **Postdoctoral Research Fellow**,
[Department of Applied Chemistry, National Chiao Tung University](#),
Hsinchu, Taiwan
- July 2018 – Jun 2019 : **Assistant Professor** (On temporary basis),
[Dr. D. Y. Patil Arts, Commerce and Science College](#), Pimpri, Pune-411018.
- May 2016 – May 2018 : **Postdoctoral Research Fellow**,
[Indian Institute of Science Education and Research \(IISER\)](#), Pune-411008.
- Nov 2015 – April 2016 : **Assistant Professor**,
[Shri Chhatrapati Shivaji Mahavidyalaya, Shrigonda](#), Ahmednagar-413701
- Oct. 2013 – Oct. 2015 : **Postdoctoral Research Fellow**,
Indira Gandhi Center for Atomic Research (IGCAR), Department of Atomic
Energy, Kalpakkam-603102, Tamilnadu
- Sept. 2012 – Sept. 2013 : **Assistant Professor**,
[Fergusson College, University of Pune](#), Pune-411004, Maharashtra.
- June 2007 – June 2009 : **Research Associate**,
R & D Department, [ACC Limited](#), Thane, Mumbai-400604, Maharashtra.
- June 2005 – June 2007 : **Officer**,
R & D Department, [Asian Paints India Limited](#), Bhandup, Mumbai-40078,
Maharashtra.

Fellowships and Achievements:

- **Postdoctoral Research Fellowship** from Ministry of Science and Technology, Taiwan
- **Postdoctoral Research Fellowship** from [Indian Institute of Science Education and Research \(IISER\)](#), Pune.

- **Postdoctoral Research Fellowship** from Indian Institute of Science Education and Research (IISER), Pune.
- **Erasmus Mundus External Cooperative Window lot 15 Scholarship** for pursuing **Ph.D. in University of Pierre and Marie Curie (University of Paris 6)**, Paris, France.
- Qualified **Graduate Aptitude Test in Engineering (GATE)** in 2007.
- Guided three UG students for **AVISHKAR competition**, qualified at university level in 2019.

Research Interest:

- Molecular Spectroscopy and chromatographic techniques.
- Radical formation and study of its reactivity with astrochemical species in the interstellar ices. **Astrochemistry**–Origin of life. Study of novel types of noncovalent interactions such as *pnicogen* bonding.
- Alternative search for artificial indicators – Green Chemistry

Research Publications and Participation in International Conferences:

- So far published eleven research articles in the peer-reviewed articles like American Chemical Society and Royal Chemical society.
- Participated international conferences held in USA, France, Canada, India, and Tawan.

Interests and Hobbies

- Writing articles for newspaper and magazines. Reading novels and science fictions.
- Photography and playing chess.