



Mr. Aditya Anil Puranik
Assistant Professor, Chemistry, SOS

Education Qualification:

Phd (Inorganic Chemistry-pursuing since Nov.2014), The Maharaja Sayajirao University of Baroda
M.Sc (Inorganic Chemistry), The Maharaja Sayajirao University of Baroda
B.Sc (Chemistry), The Maharaja Sayajirao University of Baroda

Research Interest:

- **Coordination chemistry**
- **Catalysis**
- **Chemistry of Soft-materials**

Research Experience:

Currently pursuing **Ph.D.** since 4-1/2 under the supervision of **Prof. Neelima D. Kulkarni** in Maharaja Sayajirao University in the field of **chemical sciences (Inorganic)**.

Topic of research: Design, Synthesis and Tuning of Metallogel Properties and Their Application.

Worked as a project Assistant in IIT Bombay:

Topic: Ion and Molecular Recognition by calixarenes and carbohydrates- under Professor **C. P. Rao.**

M.Sc Final Dissertation project:

Topic: Redox chemistry of Aldehydes for Synthesis of Ag Nanoparticles thin films and Novel Solid Solutions under the supervision of **Prof. Prasanna Ghalsasi.**

Conference & Seminar:

Workshops attended:

1. **X-RAY STRUCTURE DETERMINATION (13th -26th June, 2016) at JIWAJI UNIVERSITY, GWALIOR** under the **GIAN** initiative by MHRD of India. The lectures/ tutorials and practical were conducted by **Prof. Ray J. Butcher** (Howard University, Washington D.C.)
2. Winter training school on **COMPUTATIONAL CHEMISTRY** in the **University of Hyderabad (8-24th December 2015)**.
3. **X-ray Single Crystal Workshop** in the Department of Chemistry, M.S. University of Baroda from **19-25th of January 2015**.
4. Workshop on **Science of Molecular Materials** for electronic and energy applications in M.S.U., Baroda (**3rd to 5th October 2012**).

Poster presentations in Conferences:

1. Poster presentation at **INTERNATIONAL CONFERENCE ON STRUCTURAL AND INORGANIC CHEMISTRY** held by CSIR-NCL, IISER Pune, and SP Pune University ICSIC 2014, December 4 - 5, 2014.
2. Poster presentation - '**Frontiers in chemical Sciences**' held at the Department of Chemistry, M.S.U. of Baroda on **19th March 2016**.
3. Poster Presentation- **ACR-19** held in the Department of Chemistry, The Maharaja Sayajirao University of Baroda (**24th February 2019**).
4. POSTER PRESENTATION- **Regional Science Congress (15th and 16th of SEPTEMBER, 2012)**.

Seminar presentations:

1. M.Sc seminar presentation on **Ferrocene**: Presentation on the synthesis of ferrocene and its MOT, reactivity and applications.
2. M.Sc seminar presentation on- **The not so noble character of noble gases**: Presentation included some very unusual and rare complexes of inert metals like Ag, Au with inert gases like Ar, Ne, Kr and their X-ray structures.

Awards& Honors:

- **M.Sc- Gold medalist-Department of chemistry, M.S.U., Baroda.**
- **Awarded INSPIRE fellowship.**
- **Cleared NET LECTURERSHIP - (JUNE 2013-All INDIA RANK-35).**
- **Cleared GATE-(2016).**
- **Received DST-INSPIRE FELLOWSHIP for pursuing Ph.D.**

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