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 **POOJA YADAV**

 **(PhD, IISER Tirupati)**

8588085245

09/09/1995

 51-C Anarkali Garden Jagat Puri Gali No. 6

 Delhi- 110051

**Objective:**

An opportunity to utilize my knowledge and skills to synthesized different organic compounds and develop novel and sustainable methodologies in the field of organic chemistry.

**Academic Records:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **Name of the Institute** | **Board** | **Year of Completion** | **Percentage/CGPA** |
| 10th | S.K.V Krishna Nagar, Delhi | C.B.S.E. | 2011 | 9.2 |
| 12th | R.S.K.V Surajmal Vihar, Delhi | C.B.S.E. | 2013 | 89.4 |
| B.Sc(H) Chem | Daulat Ram College, Delhi University | Delhi University | 2016 | 81.4 |
| M.Sc | Kirorimal College, Delhi University | Department of Chemistry, University of Delhi | 2018 | 67 |
| Ph.D | Indian Institute of Science Education and Research, Tirupati | MHRD | Pursuing | 9.5 |

**Scholastic Achievements:**

* CSIR-UGC NET (June 2018) JRF qualified (Rank 72)
* Gate 2018 Qualified
* Awarded PMRF fellowship- 2021

 **Work Shops and Seminars Attended:**

* Work Shop of Paper Recycling organized by Eco Club Daulat Ram College (First prize for on-the-spot writing competition)
* Novel Trends in Green Chemistry and sustainable Development (workshop cum Seminar Feb 2016)
* Emerging Trends in Drugs development and Natural Product, Organized by Department of chemistry, University of Delhi Jan 2018
* Virtual International Symposium on C–H Activation, Organized by Ackermann Group Georg-August-Universität Göttingen, July 27th to July 30th, 2020
* Webinar “Harness the power of electricity to make organic compounds” Organized by Chemistry World. Speaker- Siegfried Waldvogel 30th September 2021.
* Other webinars and seminars organized by IISER Tirupati on mole day, Chemistry Day, and Science Day.
* Presented poster at 30th CRSI -NSC, 2nd – 5th February 2023 JNU, New Delhi

**Interest:**

Research in Organic synthesis **|** Organic Methodologies for remote C-H activation **|** Transition and photoredox dual catalysis| Cascade Reaction| Electro-Organic Synthesis and Total Synthesis

**Publications:**

1. Sakamuri Sarath Babu, P. Muthuraja, **Pooja Yadav** and Purushothaman Gopinath, Aryl Diazonium Salts in Photoredox Catalysis- Recent Trends, Advanced Synthesis, and catalysis, 2021, 363, doi.org/10.1002/adsc.202100136
2. Photoredox mediated multicomponent reactions.

**Pooja Yadav**, [A Anagha Varma](https://www.google.com/url?q=https%3A%2F%2Fpubs.rsc.org%2Fen%2Fresults%3Fsearchtext%3DAuthor%253AA%2520Anagha%2520Varma&sa=D&sntz=1&usg=AOvVaw35COTX03TBkayTCqhB3tuc), Punnya A J, Purushothaman Gopinath.\* [Asian J. Org. Chem. 2022, e202200390.](https://www.google.com/url?q=https%3A%2F%2Fonlinelibrary.wiley.com%2Fdoi%2F10.1002%2Fajoc.202200390&sa=D&sntz=1&usg=AOvVaw1D4gHQMHZ1iwA-0iTiZZeE)

**Experimental and Instrumental Skills:**

* Well know prediction of 1H, 13NMR and FT-IR
* Prep-HPLC, Column Chromatography GC-MS and TLC
* Carried out sensitive reaction, shield tube reaction, Schlenk tube reaction, Photo reaction, Inert gas work station (Glove box).
* Electrasyn 2.0 and Electrochemical work station
* Proficiency in operation of personal computers and software packages like Microsoft Office, Chem Draw, Chem 3D and Mestro nova.

**Language known**: English **|** Hindi| Bhojpuri

**Declaration:**

I hereby declare that the above information’s are true to the best of my knowledge and none whether deliberately or otherwise has been distorted.

**Pooja Yadav**