POOJA YADAV

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**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.

**Interest:**

Research in Organic synthesis, Organic Methodologies for remote C-H activation, Transition and photoredox dual catalysis, Electro-Organic Synthesis and Total Synthesis.

**Academic Records:**

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| --- | --- | --- | --- | --- |
| **Course** | **Name of the Institute** | **Board** | **Year of Completion** | **Percentage/CGPA** |
| 10th | R.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 Sci. 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 the occasion of mole day, Chemistry Day and Science Day.

**Publications:**

1. Sakamuri Sarath Babu, P. Muthuraja, Pooja Yadav and Purushothaman Gopinath, Aryl DiazoniumSalts in Photoredox Catalysis- Recent Trends, Advanced Synthesis and catalysis, 2021, 363, doi.org/10.1002/adsc.202100136

**Technology Tools:**

Proficiency in operation of personal computers and software packages like Microsoft Office, Chem Draw, Chem 3D and Mestro nova.

**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, slunk tube reaction,Photo reaction.
* Electrasyn 2.0 and Electrochemical work station

**Personal Information:**

Name: Pooja Yadav

Father’s Name: Mr. Dinesh Kumar Yadav

Mother’s Name: Mr.’s Asha Devi

Gender: Female

Date of Birth: 09/09/1995

Nationality: Indian

Language known: English and Hindi

Address: 51-C Anarkali Garden Jagat Puri Gali No. 6 Delhi- 110051

**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