

Pooja

Assistant Professor,

Department of Chemistry,

J. C. Bose. University of Science and Technology, YMCA, Faridabad

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EDUCATION:

Ph.D. Department of Chemistry, Indian Institute of Technology Delhi, India.

Supervisor: Prof. Sunil Kumar Khare, Co-supervisor: Prof. Shashank Deep.

July, 2018-present

M. Sc. Department of Chemistry, Indian Institute of Technology Delhi, India.

First Class , July 2016-2018

B. Sc. Chemistry (Hons.) Gargi College, University of Delhi, India.

First Class , July 2013-2016

RESEARCH INTEREST:

Bioinformatics and Computational Chemistry.

TEACHING EXPERIENCE:

2 years and 7 months.

ACADEMIC ACHIEVEMENTS:

- Awarded Junior Research Fellowship sponsored by CSIR, India. **(2018-2019)**
- Qualified Graduate Aptitude Test in Engineering, GATE Chemistry, **2019**.
- Qualified National Eligibility Test conducted by CSIR-UGC NET December **2017**.
- Qualified National level exam for M.Sc. Entrance IIT-JAM **2016**.

ADMINISTRATIVE ACHIEVMENTS:

- Awarded the certificate of appreciation for contributing as a member of Organizing Committee in the One Day National Seminar on “**Teacher’s Role in National Education Policy- 2020 Implementation**” at J. C. Bose University of Science and Technology, YMCA, Faridabad on 18th February 2021.
- Awarded the certificate of appreciation for contributing as a member of Organizing Committee in one-week Online short-term Course on Advanced Materials for Aatmanirbhar Bharat organized by Department of Chemistry in association with American Chemical Society (ACS) International Student Chapter & Vigyan Bharti (VIBHA) from 13 to 28 February 2021 (Only Sat. and Sun.).
- Co-ordinated the QUIZ Competition on National Science Day at J.C. Bose. University of Science and Technology, YMCA, Faridabad.

CONFERENCES AND WORKSHOPS:

- Attended the UGC sponsored One-month Online (Live Mode) “**Faculty Induction Programme-6**” conducted by UGC-HRDC, GJUS&T, Hisar w.e.f. 18-May-2022 to 16-June-2022.
- Attended the one-day workshop on “**Dynamic Light Scattering System (Particle Size and Zeta Potential Analyzer)**” jointly organized by Department of Chemistry, J.C. Bose University of Science and Technology, YMCA, Faridabad and ANTON Paar India Pvt. Ltd on August 05, 2022.
- Attended the One-day National Seminar on “**Teacher’s Role in National Education Policy- 2020 Implementation**” at J. C. Bose University of Science and Technology, YMCA, Faridabad on 18th February 2021.
- Attended the Tech4Seva- Three Day National Workshop on Technology Outreach as an Enabler for Inclusive and Sustainable Development from 10-12th August at IIT Delhi.

POSTERS AND TALKS PRESENTED:

- Presented a paper entitled “**Inhibition of β -lactamase enzyme using plant metabolites to tackle antibiotic resistance.**” in National Conference Eco 2022 organized by Bharat Seva Prathisthan.

TEACHING ASSISTANCE:

- Teaching Assistant, Undergraduate Lab Course (CMP-101), Indian Institute of Technology Delhi, India, 2018-2019.

INSTRUMENTATION SKILLS:

I had hands-on experience of following instruments:

1. Double beam **UV/VIS**-absorption spectrophotometer
2. Fourier transform Infra-red spectrometer (**FTIR**)
3. Laminar Flow Instrument
4. HPLC, Column chromatography
5. pH meter, Conductometer, Cyclic Voltammeter

ACADEMIC TRAINING /WORKSHOP ATTENDED:

1. Attended and completed a menadely training course on 7th June 2020 organised by Aggarwal college Ballabgarh, Haryana.
2. TEQIP online certification -Digital Transformation in teaching learning process (2 Week Course) from 6th April to 22nd April 2020 organised by IITB.
3. Attended one-week online FDP on Advanced Research methods from 8th June to 12th June 2020, organised by JCBUST, YMCA, Faridabad.
4. Attended 3-day workshop on choice base credit system from 11th march to 13th march 2020 sponsored by NITTTR MHRD Chandigarh in JCBUST, YMCA, Faridabad.
5. Attended one-week online FDP on spectroscopic and analytical technics and applications organised by department of Chemistry, JCBUST, YMCA, Faridabad.
6. Attended one-week National workshop on hands-on training and practices in computation chemistry from 23rd November to 27th November 2020 organised by department of Chemistry, JCBUST, YMCA, Faridabad.
7. Attended one day workshop on Research methodology on 26th June 2021 organised by Research and Development section of JCBUST, YMCA, Faridabad.