

ABHIJIT NANDY

Ph.D. student

Department of Chemistry

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Education

Degree	Year	Subject	Institute/University	Percentage/CGPA
M.Sc.	2020	Chemistry	Presidency University, Kolkata	8.35/10
B.Sc. (Hons.)	2018	Chemistry	New Alipore College (affiliated to University Calcutta)	65.5% (first class)
H.S (10+2)	2015	Science	West Bengal Council of Higher Secondary Education	85.4%
Secondary	2013	--	West Bengal Board of Secondary Education	89.42%

Academic Achievements

- ✓ Qualified CSIR-JRF, June 2019 (**AIR- 53**)
- ✓ Qualified CSIR NET LS, December 2019 (**AIR 25**)
- ✓ Qualified CSIR-JRF, June 2020 (**AIR- 43**)
- ✓ Qualified GATE 2021 (**AIR-229**)

Laboratory Skills

- **Mass Spectrometry:** Skill in modifying commercial ion sources for ambient ionization mass spectrometry and imaging mass spectrometry, ESI-MS, APCI-MS, DESI-MS, PSI-MS, GC-MS, MALDI-MS, and flowprobe imaging mass spectrometry.
- **Synthesis:** One-pot synthesis in microdroplets, conventional multistep organic synthesis, column chromatographic purification, compound characterization by NMR, IR, UV-Vis, HPLC, ESI-MS, and GC-MS.
- **Software:** Microsoft Office, ChemDraw, Originlab, Xcalibur, MassHunter, Biomap, Endnote, Firefly, MSireader *etc.*
- **Instrumental experiences with data analysis:** NMR, ATR, FT-IR, UV-Vis, Fluorescence, Mass Spectrometry, GC-MS, Particle analyzer through LASER diffraction.

Languages: English, Hindi, Bengali

Personal Details

Gender: Male, **Category:** General

Permanent Address:

s/o, Debasish Nandy
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West Bengal

Seminars and conferences attended

- ❖ Participated in the Medicinal Chemistry Conference (MedChem-2019) organized by the Department of Chemistry, IIT Madras, 2019.
- ❖ Participated in the DST-Inspire Internship Science Camp held at JB Centre of Excellence, 2014.

References

Dr. Shibdas Banerjee

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