

RASHI JAIN

Assistant Professor (Contract), Department of Chemical Engineering, HBTU, Kanpur
jainrashi723@gmail.com | +91-8299455567

QUALIFICATION

- **MS (by Research), Chemical Engineering** — IIT Kanpur, 2024–2026, CGPA 8.20/10
- **B.Tech, Chemical Engineering** — UIET, CSJM University, Kanpur, 2019–2023, CGPA 9.39/10

EXPERIENCE

- **Assistant Professor (Contract)**, Department of Chemical Engineering, HBTU, Kanpur | 2026–Present — Teaching and academic responsibilities in Chemical Engineering; mentoring students and supporting laboratory/technical activities.
- **Summer Intern**, Prof. Nishith Verma, IIT Kanpur | May–Jun 2022 — Preparation of Fe-dispersed phenolic beads.
- **Online Internship**, Chemical Process Technology, IChE, Kolkata | Jul–Aug 2022.
- **Student Guide**, Institute Counselling Service (ICS), IIT Kanpur | Apr 2025–Apr 2026.
- **Superuser**, Inductively Coupled Plasma Mass Spectroscopy (ICP-MS), PGRL, IIT Kanpur | Jul 2025–May 2026.

PAPERS / PUBLICATIONS

- **S-scheme Heterojunction Photocatalyst for Simultaneous Nitrate Reduction and Benzyl Alcohol Oxidation** — Published in Chemical Engineering Journal.
- **Electrochemical Nitrogen Reduction to Ammonia over Carbon-supported High-Entropy Alloy Catalyst** — To be published.

CONFERENCES & WORKSHOPS

- ICAWTM-26 Conference, PDEU, Gujarat — Best Paper Award.
- Hydrogen Energy and Sustainability Conference 2025, IIT BHU — Best Poster Award.
- Workshop: X-ray Diffraction — Principles, Operation & Data Interpretation, PGRL, IIT Kanpur (Aug 2025).
- Workshop: Application of ANSYS in Chemical Engineering, UIET, Kanpur (Aug 2022).

ACHIEVEMENTS

- Best Paper Award, ICAWTM-26 Conference, PDEU, Gujarat.
- Best Poster Award, Hydrogen Energy and Sustainability Conference 2025, IIT BHU.
- Secured AIR 684 among 13,937 candidates in GATE CH 2024.
- Silver Medal in B.Tech Chemical Engineering.
- Elite Certificate, NPTEL — Aspen Plus Simulation.

REFERENCE

- **Prof. Nishith Verma** — MS Thesis Guide, Department of Chemical Engineering, IIT Kanpur