



RAHUL TIWARI

Educational Qualification

Post Graduation	M.Sc. (specialization in Inorganic Chemistry) from Kumaun University, Nainital (UK)	67.92% (2006)
Graduation	B.Sc. (Physics, Chemistry, Mathematics) from Kumaun University, Nainital (UK)	62.07% (2004)
10+2	from UP Board, Allahabad (Physics, Chemistry, Mathematics, Hindi, English)	63.40 % (2001)
10	from UP Board, Allahabad (Physics, Chemistry, Mathematics, Hindi, English, Social Science)	64.83% (1999)

Additional

- Secured **third rank** in university in post graduation
- Qualified CSIR-UGC(NET) under **lectureship scheme** (Dec 2007)
- Qualified CSIR-UGC(NET) under **CSIR Fellowship scheme** (June 2008)
- Qualified CSIR-UGC(NET) under **lectureship scheme** (June 2009)
- Attended 20 days workshop of catalysis in NCCR, IIT Madras
- Qualified CSIR-UGC(NET) under **CSIR Fellowship scheme** (Dec 2010) (**AIR- 157**) (**Roll No.-132685**)
- Secured **AIR- 74** in GATE 2011 (**Roll No.- 8084372**)
- **Junior Research Fellow** in IIP(CSIR) (**from 01-01-09 to 18-01-2011**)

Publications

- Room temperature selective oxidation of cyclohexane over Cu-nanoclusters supported on nanocrystalline Cr₂O₃
(Green Chemistry-doi: 10.1039/C2GC35658A)
- Pt nanoparticles with tunable size supported on nanocrystalline ceria for the low temperature water-gas-shift (WGS) reaction
(Journal of molecular catalysis A: Chemical 395 (2014) 117-123)
- Conversion of waste plastic into low-carbon olefins: directly producing C₂–C₄ light olefins from low-density polyethylene waste using a Cu/ZSM-5 catalyst
(Green Chem. (2025) 27 (47): 15192–15199)
- Production of renewable aromatics from tree-borne oils (TBO): Advances and future prospects
(Chemical Engineering Journal doi: 10.1016/j.cej.2025.159387)

Teaching

- Assistant Professor in the department of Chemistry of Government Post Graduate College Joshimath (Chamoli)
(Duration: 05-03-2020 – 15-06-2026)
- Assistant Professor in the Department of Chemistry of MB Government Post Graduate College Haldwani (Nainital)
(Duration: 16-06-2026 – Till Date)