

DR. KRUTIKA LOKAPRIYA ROUTRAY

Dean (First Year) | Head, Department of Basic Sciences | Research & Innovation Administrator | Academic Leader

Professional Profile

An accomplished academic administrator and researcher with leadership experience in academic administration, research governance, innovation management, and student affairs. Currently serving as Dean (First Year) and Head of Department at C.V. Raman Polytechnic under C.V. Raman Global University, while holding multiple institutional leadership roles.

Core Competencies

- Academic Administration
- Strategic Planning
- Research & Development
- Innovation Management
- Student Affairs
- Faculty Coordination
- Quality Assurance
- Institutional Development

Professional Experience

Dean (First Year), C.V. Raman Polytechnic (2023–2026)

Head, Department of Basic Sciences (2023–2026)

International Education Cell as Coordinator, CGU (2023–Present)

Coordinator & Convener, Research and Development Cell, CVRP (2025–Present)

Institute Innovation Council Coordinator (2025–Present)

Girls' Hostel Warden, CGU (2024–2025)

LEADERSHIP EXPERIENCE & DISTINGUISHED ACHIEVEMENTS

Student Leadership

- **General Secretary**, C.V.R. Hall of Residence, National Institute of Technology Rourkela (2018)

- **Student Leader**, Institute Student Development Committee (ISDC) Senate, National Institute of Technology Rourkela (2017–2018)
- **Student Placement Coordinator**, National Institute of Technology Rourkela (2017–2018)
- **Team Leader**, Research Scholars' Week, National Institute of Technology Rourkela (2017 & 2018)
- **Seminar Secretary**, Department of Physics, Ravenshaw University (2013–2014)

HONOURS & DISTINCTIONS

- **Best Student Award**, Ravenshaw University (2013–2014), in recognition of outstanding academic performance, leadership, and overall contribution to the university.
- **Qualified IIT-JEE (EML) 2009**, securing **All India Rank 10,814**.

Leadership Training

Nurturing Future Leadership Program (NELP), TAPMI Manipal (21–27 June 2026).

Research Profile

- 50+ peer-reviewed publications h-index: 20, i10-index: 25
- Editorial Board Member: Scientific Reports (Springer Nature)
- Editorial Board Member: Journal of Nanotechnology (Wiley)
- Editorial Member — Advanced Energy Conversion Materials (AECM) Journal
- Research areas: Nanomaterials, Energy Storage, Ferrites, Perovskites

Education

- Ph.D. (Physics) — National Institute of Technology, Rourkela, 2020
Thesis: Role of Rare-earth Ions on Structural, Dielectric and Magnetic Properties of nano-sized CoFe_2O_4 and its scope for application.
- M.Sc. (Physics) — Ravenshaw University, 2014, 72.5% (Specialization: Electronics)
- B.Sc. (Physics Hons.) — B.J.B Autonomous College, Utkal University, 2012, 69.5%
- Higher Secondary (CHSE), 2009, 83.16%
- Matriculation (CBSE) 2007, 89.6%

References

1. Google Scholar: <https://scholar.google.com/citations?user=kKyTh84AAAAJ&hl=en>

2. <https://www.linkedin.com/in/krutika-routray>
3. ResearchGate https://www.researchgate.net/profile/Krutika_Routray
4. ORCID: <https://orcid.org/0000-0001-8592-7355>
5. Publons: <https://publons.com/researcher/1642508/krutika-lokapriya-routray>