Dr. Shreedatta Hegde.

Assistant Professor

EXPERIENCE (TEACHING):

- **Assistant Professor** at RNSIT (November 2026 - till date).
- **Guest Faculty** at Government First Grade College for Women, Balmatta, Mangalore (2026).
- **Guest Faculty** at Mangalore University (2022-2026).

QUALIFICATIONS:

- **B.Sc. (Physics, Chemistry, Mathematics)** from Dr. A. V. Baliga College of Arts and Science, Kumta, Uttara Kannada.
- **M.Sc. Physics** from Karnataka Science College Dharwad. **Project Title**: **" Study of mass attenuation coefficient of some metals and alloys".**
- **Doctor of Philosophy (Ph.D.)** from Mangalore University. **Ph.D Thesis Title**: **"Effect of doping on microstructure, dielectric and transport properties of polymer electrolyte"**

SPECIALIZATION (ACADEMICS):

- **Physics - Quantum Mechanics**
- **Nuclear Physics**
- **Special and General theory of Relativity**
- **Atomic and Molecular Spectroscopy**
- **Thermodynamics and Statistical Physics**
- **Lasers, Non-linear Optics and Holography**

RESEARCH EXPERTISE

- **Material Science**
- **Polymer electrolytes for energy storage application**
- **Experience in the fabrication of solid state ion batteries**.

PUBLICATIONS:

1. **Google Scholar:** https://scholar.google.com/citations?user=ycLbhIMAAAAJ&hl=en
2. **Orcid ID:** 0000-0002-0213-9837
3. **Research Gate:** https://www.researchgate.net/profile/Shreedatta-Hegde

KEY JOURNALS PUBLISHED

1. Journal of Energy Storage **2. Next Materials**
3. Applied Physics A **4. Journal of Materials Science: Materials in Electronics**
5. Solid State Sciences **6. Physica Scripta**
7. Materials Science and Engineering: B **8. physica status solidi (RRL)–Rapid Research Letters**
9. Discover Materials **10. Optical and Quantum Electronics**
11. Journal of Applied Polymer Science **12. Polymer Composites**
13. Indian Journal of Physics **14. Polymer Engineering and Science**
15. Journal of Physics and Chemistry of Solids **16. Journal of Non-Crystalline Solids**
17. Journal of Molecular Structure **18. Ionics**
19. Bulletin of Material Science **20. Express Polymer Letters**