



## JENEENA K B

Assistant Professor, Department of Chemistry  
Sree Narayana College, Nattika, Kerala, India

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### Objective

Dedicated and passionate Chemistry educator and researcher with over **12 years of teaching experience**, a strong background in coordination chemistry, organometallic chemistry, and current research interest in computer-aided drug design. Committed to excellence in teaching, research, and student mentoring.

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### Educational Qualification

- **M.Sc. Chemistry**
  - **CSIR-JRF Qualified**
  - **Ph.D. (Pursuing)** under the guidance of **Dr. S. V. Manoj**, Department of Chemistry, Sree Narayana College, Kollam.
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### Professional Experience

#### Assistant Professor (Chemistry)

Sree Narayana College, Nattika, Kerala

*12 years of teaching undergraduate and postgraduate courses in Chemistry*

#### Key responsibilities:

- Teaching core papers including **Group Theory, Coordination Chemistry, Reaction Mechanisms and Organometallic Chemistry**.
- Guiding **M.Sc. Chemistry projects** (successfully supervised 5 postgraduate dissertations)
- Serving as **College Scholarship Nodal Officer** for 2 years

- Active participant and organiser of national seminars, workshops and departmental academic activities.
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### Research Interests

- Organometallic Chemistry
  - Smart materials
  - **Computer-Aided Drug Design (CADD)**
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### Publications(3)

1. **Jeneena K. B.**, et al. (2012). *A novel 11-vertex dimetallaheteroborane featuring heavy group 14 elements: synthesis, structure and bonding*. **Journal of Organometallic Chemistry**, 705–706: 57–63.  
DOI Link
  2. **Jeneena K. B.**, et al. (2025). *Underwater Adhesive Smart Hydrogels with pH-Responsive Self-Healing Ability, Enhanced Mechanical Strength, and Selective Perchlorate Adsorption*, **Chemistry Select**.
  3. **Jeneena K. B.**, et al. (2023). *Peripherally Modified Polyamidoamine Nanocomposite Hydrogel with Stimuli-Responsive Self-Healing, High Tensile Strength, and Selective Superadsorption Properties*, **Chemistry Select**.
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### Academic Contributions & Certifications

- Recipient of **CSIR-JRF Fellowship**
  - Attended UGC-HRDC Refresher and Orientation Programs (2018, 2019)
  - Participated and presented papers in multiple national seminars and workshops.
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### Technical Skills

- Proficient in software tools for molecular modeling and drug design
  - Knowledge of computational chemistry methods and related applications.
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### **Professional Strengths**

- Effective classroom management and student mentoring
  - Strong communication and presentation skills
  - Active involvement in curriculum development and departmental coordination.
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### **References**

**Dr. S. V. Manoj**

Research Guide and Professor,  
Department of Chemistry,  
Sree Narayana College, Kollam, Kerala, India.