

## FACULTY PROFILE

1. **Name** : Rekha Sharma
2. **Designation** : Assistant Professor
3. **Department** : Chemistry



### 4. PG & Onward Qualification

Level	Name of University/Board	Year	Title/Remark/Medal
Ph.D.	UOR, Jaipur	2024	Synthesis, spectral characterization and electrochemical investigations of some selected bioactive azomethines and their new derivatives with zinc (ii) and copper (ii)”
GATE	Indian Institute of Science	2016	
UGC NET-JRF	CSIR-HRDG, New Delhi	2015	
M.Sc. (Chemistry)	UOR, Jaipur	2015	

### 5. Experience : Teaching/Research

<b>UG</b>	05years 6 months	<b>PG</b>	04	<b>Research</b>	-
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### 6. Academic Courses Attended :

Course	Place	Sponsoring Agency	Duration
Orientation Course	Ajmer	UGC	02-01-2019 to 29-01-2019
Refresher	Delhi(Online)	TLC, Ramanujan, College	22-09-2022 to 06-10-2022

## 7. Conferences/Seminar:

- Attended the XXIX Inter Disciplinary International Conference on “Science, Technology and Society, organized by Department of Sociology, Samrat Prithviraj Chauhan Govt. College, Ajmer, September 21-23 (2023).
- Attended the International Conference on “Emerging challenges, their Solutions and Recent Advances in Science and Technology” held at Sobhasaria College, Sikar on January 13-14, 2023.
- Attended the International Conference on “Green Energy & Sustainable Practices (GESEP-2023)” held at Auditorium Poddar Institute of Management, UOR, Jaipur, January 30-31, 2023.
- Attended the International Conference on “Environment, Sustainable Development and Human Health” held at Seth Ranglal Kothari Govt PG College, Rajsamand, December 16-17, 2022.
- Attended the International Conference on “Emerging Challenges Their Solutions and Recent Advances in Science” organized by Govt. Science College, Sikar, October 4-5, 2019.

## 8. Research Publications:

### Research Papers

1. Electrochemical and Biological Studies of Synthesized Schiff base and Its Zinc Complex, Rekha Sharma, Vinayak Gupta, Smriti Singh, Ishwar Chand Balae and Sarita Varshney, Orient. J. Chem., 38(6), 1351-1357, (2022).
2. Electrochemical studies of synthesized glycine-4- tertbutylcyclohexanonimine at the working electrode, Rekha Sharma, N. K. Verma, S. Singh and Sarita Varshney, Int. J. Chem. Stud., 10(6), 45-51,(2022)
3. Synthesis, electrochemical and antimicrobial activity of Schiff base and its nickel (II) complex, P. Choudhary, G. L. Kumawat, Rekha Sharma and Sarita Varshney, Int. J. Pharm. Sci., 9(11), 4601-4609, (2018).
4. Electrochemical studies of Cu (II) complex of a novel Schiff base derived from sulfa drug, I. C. Balae, V. Gupta, Rekha Sharma and Sarita Varshney, Int. J. Chem. Stud., 10(5), 77-85,(2022).
5. Electrochemical behaviour of a synthesized semicarbazone ligand and its zinc (II) complex, Smriti Singh, Rekha Sharma, Saloni Meena and Sarita Varshney, The International journal of analytical and experimental modal analysis, XIV, 637-648, (2022).

