

ACADEMIC PROFILE

1. **Name:** Sai Sushree Rath
2. **Qualification:** M.Sc (Chemistry)
3. **Designation:** Guest Faculty (Department of Chemistry)
4. **Email ID:** saisushreerath.sr@gmail.com
5. **Area of Interest:** Organic Chemistry



6. **Teaching Area:**

UG: Chemical Bonding, Photochemistry, Solution and Colligative property

PG: UV-Vis spectroscopy, Stereochemistry and Bonding in main group, Aliphatic electrophilic Substitution reaction

7. **Total No. of Teaching Experience:** 2 Month

UG: 1 Month

PG: 1 Month

8. **Research Supervision:** Nil

· Ongoing (M.Phil/Ph.D/D.Sc/D.Litt.) Ph.D

Sl. No.	Name of the student	Degree	University	Title of the thesis	Date of Registration

9. Publication Profile:

a) Research Articles Published:

1. Rath, S. S., Mohanty, N., & Patra, B. N. (2023). Selective dye adsorption by pH modulation on chemically modified polyaniline by N-grafting of maleic acid. *Polymer Chemistry*, 14(45), 5071-5082.
2. Mohanty, N., Rath, S. S., & Patra, B. N. (2024). Improved Adsorption of Organic Dyes onto a Polypyrrole/Tannic Acid Nanocomposite. *Langmuir*, 40(48), 25483-25494.

b) Book Chapters Published: Nil

c) Books Published: Nil

d) Articles Published in Newspapers/Magazines: Nil

10. Research Projects: Nil

Sl. No.	Department	Type (Major/Minor)	Name of the funding	Funds Provided (in Rs. In Lakhs)	Title of the Project	Month and year of receiving grant	Duration of the Project	Completed/ongoing (Date of Completion/expecting completion)

11. Paper Presentation in Conference/Seminars:

International Conference on Emerging Smart Materials in Applied Chemistry(ESMAC-2023)

- Oral Presentation on Selective Dye Adsorption by pH Modulation on Chemically Modified Polyaniline by N-Grafting of Maleic Acid

National Conference on Emerging Frontiers in Chemical Sciences (NCeFCS)

- Poster Presentation on Efficient Adsorption of Methyl Orange and Methylene Blue onto Tannic Acid /Polypyrrole Nanocomposite: Synthesis, Isotherm, Kinetics and Thermodynamic Study

12. Invited Lectures/Special Lectures/resource Persons or presentation at conferences/workshops: Nil

13. Awards and Distinctions:

- Received ACS best oral award in ESMAC-2023
- Qualified GATE-2022
- Received best poster award in NCeFCS-2023
- Awarded with the prestigious RUSA Ph.D Fellowship from the Ministry of Education, India

14. Association with Professional Bodies: Nil