

## Mrs. SUMI SAHA



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|-----------------------------|---------------------|
| <b>Position/Designation</b> | SACT II             |
| <b>Department</b>           | <b>Chemistry</b>    |
| <b>Specialization</b>       | Inorganic Chemistry |

### Education

| Degree           | Field of Study      | Institution                        | Year |
|------------------|---------------------|------------------------------------|------|
| Madhyamik        | -                   | Debinagar K.C.R Vidyapith          | 2009 |
| Higher Secondary | Science Stream      | Debinagar K.C.R Vidyapith          | 2011 |
| B.Sc             | Chemistry (Honours) | Raiganj Surendranath Mahavidyalaya | 2014 |
| M. Sc.           | Inorganic Chemistry | University of Gour Banga           | 2016 |

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### Contact Information

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- Email: sumisaha523@gmail.com

## Project Experience

**Title:** Synthesis, characterization of Manganese doped Zinc Oxide ( ZnO ) nanoparticles and affect their photocatalytic activities on Naphthol Orange (2016).

## Teaching area:

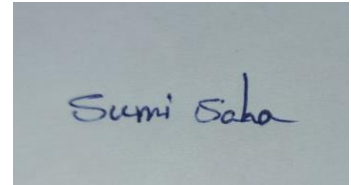
Extra nuclear Structure of atom, Chemical Periodicity, Acid base Reaction, Redox Reactions and Precipitation Reaction, Chemical Bonding and Molecular Structure , Separation techniques (Solvent Extractions , Technique of extraction, Chromatography, Qualitative and quantitative aspects of solvent extraction) , Inorganic materials of industrial importance ( Glass, Ceramics, Cement, Fertilizer, Surface Coating, Batteries, Alloys, Catalysis, Chemical explosives).

## Work experience

1. Teaching experience (6years+) in Inorganic Chemistry
2. Organize, prepare and implement laboratory experiments. Establish and maintain a safe and well-equipped laboratory environment.
3. Instructed students in laboratory by teaching safety protocols for proper use of chemicals and safe disposal of hazardous materials.
3. Plan for appropriate learning experiences for students.
4. Prepare written lesson plans based on the updated curriculum for all students.
5. Creating a positive learning environment for students by providing organised, structured lessons and laboratory activities.
6. Guided and counselled students with adjustment or academic problems or special academic interests.

**Administrative Activity:**

Member of Alumni Association.

A rectangular grey box containing the handwritten name "Sumi Saha" in black ink.

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Signature