

Profile



Soumen Rakshit

State Aided College Teacher

Department of Chemistry

Khatra Adibasi Mahavidyalaya, Khatra

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Personal Details

Date of Birth: 17/02/1994

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Languages known: English, Bengali, Hindi

Date of Joining: 27/07/2017

Academic Qualifications

Doctor of Philosophy (September 2021-Pursuing): Department of Chemistry, Bankura University.

2019: Bachelor of Education: Vivekananda College, The University of Burdwan.

2017: Master of Science: (Specialization-Inorganic Chemistry), Department of Chemistry, Indian Institute of Engineering Science And Technology(IEST), Shibpur.

2015: Bachelor of Science: Department of Chemistry, Bankura Christian College, The University of Burdwan.

Awards

2011: Recipient of Innovation of Science Pursuit for Inspired Research [INSPIRE] Scholarship sponsored and managed by The Department of Science and Technology, Ministry of Science and Technology, Government of India.

Teaching Experience

➤ **State Aided College Teacher (January 01, 2020):** “Khatra Adibasi Mahavidyalaya”, Recognized by Bankura University, West Bengal, India.

➤ **Guest Lecturer (July 27, 2017-December 31, 2019):** “Khatra Adibasi Mahavidyalaya”, Recognized by Bankura University, West Bengal, India.

Topics: Inorganic Chemistry, Green Chemistry, Analytical Chemistry.

Project Handled

1. “**Synthesis and characterization of Amino Acid Based N, N Chelated Schiff Bases to Design Anticancer Drugs**” under supervision of Dr. Arindam Mukherjee, Associate Professor, Department of Chemical Sciences, IISER Kolkata, during the period of 18th May 2016 to 15th July 2016.

2. “**Electrochemical Synthesis of n-TiO₂ Thin Films and Development of an n-TiO₂/p-CuO Thin Film Hetero-contact for Photocatalytic Degradation**” under supervision of Dr. Anup Mondal, Professor, Department of Chemistry, IEST, Shibpur, during the period of 2nd January 2017 to 11th May 2017.

Research Interests

- Synthetic Inorganic and Organometallic chemistry; synthesis and applications of metal-organic frameworks; design and study of new homogeneous and heterogeneous catalysts.
- Bioinorganic Chemistry, Coordination Chemistry, Metal Complexes in Medicine.

Software Used

Microsoft Office, Microsoft Power Point, Chem Draw, Origin.

Seminars Attended

1. Rashtriya Vigyan Evam Pradyogiki Sanchar Parishad, DST, New Delhi sponsored “**Chemistry Our Life – Our Future**” held on 16th – 18th Dec. 2011, Organised by Digha Science Centre, Purba Medinipur.
2. UGC Sponsored National Seminar on “**RECENT TRENDS IN CHEMICAL SCIENCES**” held on 18th – 19th Nov. 2011, Organised by Dept. of Chemistry, Bankura Christian College, Bankura.