



Mr. Surendra Ram (Assistant Professor)

M.Sc., NET(CSIR-UGC)

Department of Chemistry

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Academic Qualifications

- **GATE** 2010 CY-Chemistry: Indian Institute of Technology, Ministry of Human Resource Development (MHRD), Government of India (GOI)
- **JRF** (2008-2010) Government of India, Ministry of Defense, NRMA (DRDO-DLJ) Jodhpur
- **NET** (2007): Chemical Science, Council of Scientific & Industrial Research (CSIR) Human Research Development.
- **M.Sc.** (2007): Chemical Science, PG Department of Chemistry, Vinoba Bhave University, Hazaribagh Jharkhand, India.
- **B.Sc.** (2003): Chemistry (Hon's), Third Rank St. Columba's College, Vinoba Bhave University, Hazaribagh Jharkhand, India.

Extra Curriculum:

Diploma in Computer Application (DCA)

Areas of Interest/Specialization:

- Organic Chemistry: Pericyclic Chemistry & Photochemistry
- Nuclear Chemistry: Radioactivity (gamma radiation)

Experience:

- 2020 (November)–Current: Assistant Professor, Department of Chemistry, Panch Pargana Kisan College, Bundu, Ranchi University, Ranchi, Jharkhand-835204, India.
- 11 years working as an assistant chemist (Water Laboratory) Ministry of Power, Undertaking Government of India, DVC, CTPS Bokaro Jharkhand

Awards & Honour's

- National Eligibility Test (NET) of University Grant Commission (CSIR-UGC), Government of India.

Research Guidance: M. Phil /Ph.D. /D.Sc. /D. Litt

- None

Research Projects:

- None

Research papers published in Journals

- None

Books authored/Edited/Co-Author Chapter in Book

- Radio chromic Behavior of Bromocresol Green: Radiation Dosimetry and Processing group.
- Radio Chromic Behavior of bromocresol Green- Polyethylene Glycol System Towards gamma Radiation.

Symposia/Conferences/Workshops/FIP/Refreshers Courses participated

- Participated and successfully completed in the “**UGC-Sponsored Refresher Course-IKS Based Chemistry and Metallurgy (Chemistry, Chemical Sciences and Engineering, Biochemistry)**” held from 12 Jan 2024- 25 Jan 2024 organized by Malaviya Mission Teacher Training Centre Sant Gadge Baba Amravati University, Amravati (M.S.).

- Participated and successfully completed the “**UGC-Sponsored Guru-Dakshata 5th Faculty Induction Programme (FIP)**” (August,2021) organized by UGC, Human Resource Development Centre (HRDC), Ranchi University, Ranchi, Jharkhand, India.
- Participated and successfully completed the “**UGC-Approved Professional development Programme on Implementation of NEP-2020** for University and College Teachers” held from 13-21 April,2023(one week) organized by **IGNOU, Staff Training and Research Institute of Distance Education, New Delhi, India**
- Participated and successfully completed in 2 day workshop on “**Promotion of Research And Development in the field of Science and Technology among Higher Education Institution of Jharkhand**” held on February 1-2, 2024 organized by the Department of Higher and Technical Education (DHTE), Government of Jharkhand.
- Paper presentation & participation: National Conference on **Accelerator and Low-level Radiation Safety (NCALLRS-09)** from 18-11-2009 to 20-11-2009 (three days) at Inter-University Accelerator Centre, (IUAC)New Delhi
- Participated as a delegate in the **Polymer Congress, Asian Polymer Association ‘APA-2009’ Polymer Science & Technology: Vision & Scenario** December 17-20, 2009 (four days) New Delhi, India
- Participated in the Training Program on the topic “**Pollution monitoring and control in thermal power plant**” on 21/11/2013 conducted by Damodar Valley Corporation, Bokaro
- Participated in the Training Program on the topic “**Advanced Power Plant Chemistry**” from 28-01-2016 to 29-01-2016 conducted by Damodar Valley Corporation, Bokaro
- Participated in the Training Program on the topic “**Official Language Inspection Questionnaire**” from 30-01-2017 to 31/01/2017 conducted by the Human Resource Department, Damodar Valley Corporation, Bokaro
- Participated in the Training Program on the topic “**i) Coal Sampling & Preparation. ii) Coal Analysis**” from 24/07/2017 to 25/07/2017 conducted by Damodar Valley Corporation, Bokaro
- Participated in the Training Program on the topic “**i) Awareness Program on ISO/ISE 17025.ii) Measurement of Uncertainty**” from 04/07/2018 to 06/07/2018 conducted by Damodar Valley Corporation, Bokaro

- Participated in the Training Program on the topic “ i) **Laboratory Quality Management System.** ii) **Internal audit as per ISO/OEO 17025:2005 & NABL Requirement”** from 17/07/2018 to 18/07/2018 conducted by Damodar Valley Corporation, Bokaro

Academic and Administrative Experience:

- **Library In-Charge** (Feb 2021)- Current: Panch Pargana Kisan College, Bundu, Ranchi University, Ranchi, Jharkhand-835204, India.
- **Convenor** of Admission Committee (October 2022)- Current: Panch Pargana Kisan College, Bundu, Ranchi University, Ranchi, Jharkhand-835204, India.
- **Joint-Coordinator** of Website Committee (May 2022)- Current: Panch Pargana Kisan College, Bundu, Ranchi University, Ranchi, Jharkhand-835204, India.