



# St. Xavier's College

Dr. Camil Bulcke Path, Ranchi

## Faculty Profile

<b>Name of Faculty Member</b>	:	<b>Dr. Harendra Nath Kumar</b>
Gender	:	Male
Email ID	:	harendrasxc@gmail.com
Name of Department	:	Department of Chemistry
Designation	:	Assistant Professor
Level of Teaching	:	Undergraduate and Postgraduate
Academic Qualification	:	M. Sc., Ph.D.
Total Teaching Experience	:	16 Years and 08 Months
UGC NET/SET Qualified	:	No

### **Research Papers Published:**

- 1) **"Synthesis and Characterisation of two mixed polyoxomolybdates"**, Journal for Emerging Technologies and Innovative research (JETIR), UGC Approved Journal, Vol 1, June 2014, pp 579-574.
- 2) **"Synthesis and Characterisation of hexanuclear diazenido oxo tungstate cluster"**, Journal of Indian Chemical Society (JICS), Kolkata, Vol 82, March 2005, pp 245-246.
- 3) **"Solid state studies of Polymerisation and depolymerisation of 12-Oxomolybdorano chromate III"**, REJUST (Ranchi University Journal), Vol 1, June 2004, pp 115-116.
- 4) **"Studies of some mixed Valence Polyoxomolybdate"**, Journal of Indian Chemical Society (JICS), Kolkata, Vol 81, March 2004, pp 233-235.

### **Participation in UGC-HRDC Course/FDP/OC/RC:**

- 1) Participated in the NPTEL Online Certificate Course from January to April 2023 (12 weeks).
- 2) Participated in two-days Faculty Training Workshop on **FNB'M (Functional Nano Bio Materials)**, BIT Mesra, Ranchi, from 27<sup>th</sup> to 28<sup>th</sup> March 2023.
- 3) Participated in the Refresher Course on "**Tribal Studies**" from 12.06.2019 to 25.06.2019 organized by UGC-HRDC, Ranchi University, Ranchi.
- 4) Participated in the Refresher Course on "**Basic Science**" from 03.03.2004 to 23.03.2004 organized by UGC-HRDC, Ranchi University, Ranchi.
- 5) Participated in the Refresher Course on "**Chemistry**" from 02.12.2009 to 22.12.2009 organized by UGC-HRDC, Ranchi University, Ranchi.
- 6) Participated in the Orientation Course from 03.03.2008 to 30.03.2008 organized by UGC-HRDC, Ranchi University, Ranchi.

### **Seminar/Conference attended/Paper Presented (National/International):**

- 1) Participated in the 1<sup>st</sup> International Conference on "**Advances in Novel Material towards Sustainable Future**", organized by St. Xavier's College, Ranchi, and presented a paper titled "**Synthesis and Characterisation of Sodium and Potassium Salt of 10 molybdo 2 Vanadotantolate**", held from 20<sup>th</sup> -22<sup>nd</sup> January 2024.
- 2) Participated in the three-days International Conference on "**Environment Aquaculture and Sustainable Agriculture**" and presented papers titled "**Biochemical activity of heteropoly acids of molybdenum and vanadium**" and "**Solid state Studies of some mixed valence polyoxomolybdates**", held from September 22<sup>nd</sup> – 24<sup>th</sup> 2023.

[Dr. Harendra Nath Kumar]