

# Resume

**Name :** Dr. Sanjay Prasad Mishra

**Address:** Department of chemistry,

BIT Sindri, Dhanbad-828123

**Contact no:** 9431169666

**E-mail:** sanjaypmishra123@gmail.com



**Designation:**

- ❖ Professor, Dept. of Chemistry BIT Sindri, Dhanbad

**Statement of purpose:**

To excel in the educational field and attain the level of expertise which will help in the growth of the organization and intellectual capital a challenging job that will test my skill and give me hands-on learning experience, which would be a stepping-stone for my future work life.

**Date of birth:** 01/10/1965

**Date of joining in BIT Sindri:** 20/03/2013

**Qualification:** M.Sc, Ph.D

**Field of specialization:** Organic Chemistry

**Experience:** More than 16 Years experience.

**Research Experience:**

- ❖ Title of Ph.D Research work: “Physico-chemical studies of some mixed ligand complexes of chromium”

**Ph.D supervision:**

Result published of Mr. Rajesh Ranjan Sinha, Assistant Professor, Dept of Applied chemistry, NILAI Institute of technology, Ranchi on the research entitled “Experimental and theoretical studies on corrosion inhibition of mild steel in hydrochloric acid by some organic compounds”. At IIT(ISM) Dhanbad under guidance of Dr. Sanjay Prasad Mishra as external supervisor.

**Additional charge given by BIT Sindri:**

- i. Head of the department of Chemistry (from 21-06-2016 to 20-08-2019)
- ii. Hostel superintendent
- iii. In-charge of general store
- iv. In-charge of RTI
- v. In-charge of security
- vi. In-charge of sanitation
- vii. Member of Anti-ragging committee

### **Life membership:**

- ❖ The Indian Society for Technical Education

### **Seminar /Workshop:**

- i. Attended ISTE sponsored short term training programme on “Personality Development” during the period 26-10-2015 to 06-11-2015 at BIT Sindri
- ii. Presented paper entitled “study of green chemistry for clean technology” in all India seminar on Recent Advancement in Manufacturing and Management (RAMM-14), Feb 07-08, 2014

### **Research Paper Publication:**

- i. Comparative study of complex obtained by inositol with  $\text{CrO}_3$  in TAA and water solvent. 17(2), 373-376, july-dec 2015, J. Chemtracks (ISSN No. 0973-239X)
- ii. Microwave assisted synthesis and study of some chromium (iii) complexes of ortho-vanilin with TBC. 17(2),307-312, july-dec 2015, J.Chemtracks (ISSN No. 0973-239X)
- iii. A green approach to oxidation of Lactose by TBC. 17(2),365-368, july-dec 2015, J. Chemtracks(ISSN No. 0973-239X )
- iv. Preparation and characterization a complex obtained by the interaction of Inositol and TAC. Vol 5, NO.1, 18-21, 2015, Journal of recent advances in science ISSN No. 2231-5071.
- v. Physicochemical studies of complex formed by treating inositol by  $\text{CrO}_3$  in water. Vol 5, NO.2, 18-21, 2015, Journal of recent advances in science ISSN No. 2231-5071.
- vi. Comparative study of pyrotechric character of some carboxylate complexes of chromium by treating methyl -p- hydroxyl benzoate with TBC in TBA. Vol- vi, No. 1, 2016, Journal of recent advances in science ISSN No. 2231-5071.

- vii. Preparation and characterization and pyroprotective studies of complex obtained by treating Methyl-p-hydroxy benzoate with TBC in Dioxan. Vol vi, No. 1, 2016, Journal of recent advances in science ISSN No. 2231-5071
- viii. Preparation and characterization and pyroprotective studies of complex obtained by treating iso-amyl acetate by TBC in TBA Vol vi, No. 1, 2016, Journal of recent advances in science ISSN No. 2231-5071
- ix. Study of green chemistry for clean technology, Vol vi, No. 2, 2016, Journal of recent advances in science ISSN No. 2231-5071
- x. Physicochemical studies of some chromium complexes obtained by treating Inositol with chromium containing oxidants. Vol vi, No. 2, 2016, Journal of recent advances in science ISSN No. 2231-5071

**Other works:**

- i. Prepared new syllabus of Engineering Chemistry for first year students.
- ii. Prepared new syllabus of for Environmental Science for second year students.
- iii. Laboratory for testing water is in process.
- iv. Laboratory for nano-technology is in process.

Signature