

# Curriculum Vitae

## **Rishikesh Chandravanshi**

### **Assistant Professor & Head**

Department Of Chemistry  
PMCOE, Govt. Tulsi College Anuppur  
District-Anuppur (M.P.) Pincode-484224

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### **Academic Qualification:**

- 2010- High School and 2012- Higher Secondary School from MP Board
- (2012-2015) -B.Sc. (Hons.) Chemistry from IGNTU Amarkantak (M.P.)
- (2015-2017) -M.Sc. Chemistry from GGV Bilaspur (C.G.)
- (2018- 2019)- Former Ph.D. Scholar IIT Madras (Chennai)
- Currently Studying PhD at AKS University Satna (M.P.)

### **Specialization**-Organic Chemistry

### **Professional Experience**

- 19-Dec 2019 to 19-Dec 2024 -Assistant Professor in Chemistry at Govt. SSA PG College Sihora, Jabalpur (M.P.)
- 20-Dec 2024 to till date -Assistant Professor in Chemistry at PMCOE Govt. Tulsi College Anuppur, District-Anuppur (M.P.)

### **Awards & Honors**

- Qualified CSIR UGC NET June-2017(AIR 61) in Chemical Science
- Qualified CSIR UGC NET June-2020(AIR 62) in Chemical Science
- Qualified GATE 2018 in Chemistry
- Qualified GATE 2020 in Chemistry
- Qualified MPPSC 2017 in Chemical Science
- Topper in NPTEL Online Certification Courses: Reagent in Organic Synthesis (Jul-Oct 2022),
- Topper in NPTEL Online Certification Courses: Introductory Organic Chemistry II (Aug-Oct 2022)
- Topper in NPTEL Online Certification Courses: Pericyclic Reactions and Organic Photochemistry (Jan-Mar 2023)
- Six NPTEL Online (Silver-Elite) Certification and NPTEL-AICTE Approved FDP completed
- Total Nine NPTEL Online Certification and NPTEL-AICTE Approved FDP completed
- NPTEL Star (Believer) in Jul-Dec 2022
- NPTEL Star (Discipline) in Jul-Dec 2024
- Four quadrants e-content created for B.Sc. 1<sup>st</sup> year chemistry Students in 2021

### Symposium/conference and other programmed attended

- 24<sup>th</sup> CSRI National Symposium in chemistry organized by CSRI-CLRI and IIT Madras in 2019
- NPTEL Star Felicitation workshop organized by IIT Kanpur on 2<sup>nd</sup> March 2025
- NPTEL SPOC Felicitation workshop organized by IIT Kanpur on 12<sup>th</sup> July 2025
- NPTEL SPOC Felicitation workshop organized by IIT Kanpur on 17<sup>th</sup> Jan 2026
- Teacher camp for chemistry faculty organized by HBCSE Mumbai 2025
- Orientation/Induction program organized by GGV Bilaspur in 2021
- Refresher course organized by HRDC Goa in 2022
- Refresher course organized by NITTTR Bhopal in 2025
- Semiconductor science and technology program organized by NITTTR Bhopal in 2025
- Several national/international conferences attended
- Several times delivered lectures as resource person

### Research Publications

1. Yadav, S., Prajapati, H. C., Sonkar, S. P., Nigam, R. S., **Chandravanshi, R.**, & Gupta, C. (2025). Innovations in natural dye production: Bridging tradition and modern technology. **Frontiers in Plant Science**, 16, 1568094. <https://doi.org/10.3389/fpls.2025.1568094>
2. Tiwari, K. S., Yadav, S., Shukla, M., **Chandravanshi, R.**, El Ibrahimy, B., Verma, D. K., Saxena, A., & Agnihotri, L. (2025). Green synthesis, characterization, corrosion inhibition efficiencies, and DFT study of new triazole-based heterocyclic compounds for mild steel in 1N HCl. **Journal of Engineering and Applied Science**, 72, 154. <https://doi.org/10.1186/s44147-025-00709-6>
3. Yadav, S., Chandra, H., Tiwari, K. S., Bharty, M. K., **Chandravanshi, R.**, Chauhan, D. S., & Quraishi, M. A. (2025). A review on the role of artificial intelligence and data science in green and sustainable chemistry: Current trends and futuristic pathways. **Discover Chemical Engineering**, 6, 1. <https://doi.org/10.1007/s43938-025-00>
4. Shukla, M., Yadav, S., Berdimurodov, E., Verma, D. K., Chauhan, D. S., **Chandravanshi, R.**, & Quraishi, M. A. (2026). Electrochemistry at steel/acid interface: Adsorption and corrosion inhibition effect of chemically modified expired amantadine drug. *Results in Chemistry*, 26, 103348. <https://doi.org/10.1016/j.rechem.2026.103348>

### Membership/Institutions/Professional Societies

- Chemical Research Society of India (CRSI) Life Member: No. -LM8888
- IQAC Member at Govt SSA PG College Sihora
- IQAC Member at PMCOE, Govt. Tulsi College Anuppur (M.P.)
- SWAYAM-NPTEL Nodal at PMCOE, Govt. Tulsi College Anuppur (M.P.)

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