

Dr. SUSHMA YADAV

ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY

Govt. V.Y.T. PG Autonomous College, Durg, 491001 C.G.

Personal Information

- Date of Birth:- 12-07-1990
- Nationality: Indian
- Gender: Female
- Marital Status: Single
- Language known: Hindi and English.

Summary of Qualification

- Doctor of Philosophy (Chemistry) 2022

Topic – “**Adsorption of Toxic Contaminants by Polymer Based Nanocomposites**”

Pt. Ravishankar Shukla University Raipur

Govt. V.Y.T. PG. Auto. College, Durg

- **Academic Education**-B.Sc. (Botany, Zoology, Chemistry) **First Division**; 2010

Pt. Ravishankar Shukla University Raipur

(Bhilai Mahila Mahavidyalaya, Sec-9 Bhilai.)

M.Sc. (Chemistry)**First Division**;2012

Pt. Ravishankar Shukla University Raipur

(Bhilai Mahila Mahavidyalaya, Sec-9 Bhilai.)

- **Professional Education**-

- B.Ed.**First Division**;2013

Pt. Ravishankar Shukla University Raipur

Swami Shri SwaroopanandaSaraswatiMahavidyalayaHudco, Bhilai (C.G.)M.Ed. **First Division**;2014

Pt. Ravishankar Shukla University Raipur

Swami Shri Swaroopananda Saraswati Mahavidyalaya Hudco, Bhilai (C.G.)

Job Profile

- **Teaching Experience:** As Adhoc Lecturer in Chemistry at Bhilai Mahila Mahavidyalaya, Sec-9 Bhilai since 20.09.2014 to 02.12.2016; 20.07.2015 to 30.04.2016 and 07.09.2016 to 31.12.2016.
 - As PGT (Chemistry) at S.E.C.R. M.H.S.S., B.M.Y. Charoda since 07.08.2021 to 31.03.2022 and 03/04/2023 to 31/03/2024.
 - As Guest Lecturer in Chemistry at Govt. V.Y.T. PG Autonomous College, Durg (C.G.) since 13.11.2024 to Till Date.
- **Research Experience:** Engaged in research work since 30.11.2016.
 - Awarded Ph.D. in Chemistry 11.11.2022 on the title “Adsorption of Toxic Contaminants by Polymer Based Nanocomposites”.
 - **Fellowship:** Pt. Ravishankar Research Fellowship Scheme, grant number V.R. No. 3114/4/Fin./Sch./2018.
- **Publications:** 13 research paper published.
(https://scholar.google.com/citations?hl=en&user=OpnAeNgAAAAJ&view_op=list_works&authuser=1&sortby=pubdate)
- **Achievements:-** Achieved N.C.C. “B” certificate.
- SET 2017 Exam cleared.
- **Oral presentation Award 2nd Prize:** “INTERNATIONAL CONFERENCE ON MATERIALS FOR ENVIRONMENT (ICME-2020)” on topic Removal of Methyl Violet and Brilliant Green Dyes from Aqueous Solution on Magnetic/Activated charcoal/ β -cyclodextrin /Sodium alginate polymer composite gel beads: Isotherm, kinetics and regeneration studies, 24th – 25th January 2020, organized by Department of Chemistry, Govt. V.Y.T.PG. Autonomous College Durg Chhattisgarh.
- **Poster presentation Award 1st Prize:** One day conference on “Recent advances in functional nanomaterials”, poster presented on topic, Removal of Cationic Dyes from Aqueous Solution by Adsorption on Magnetic/Activated charcoal/ β -cyclodextrin /Sodium alginate polymer composite gel beads, 28th September 2018, Organised by Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.
- **Poster presentation Award 2nd Prize:** Symposia on Current Status of Environment, Human and Plant health with Special References to Chhattisgarh, poster presented on topic Removal of Methyl

Violet and Brilliant Green Dyes from Aqueous Solution on Magnetic/Activated charcoal/ β -cyclodextrin /Sodium alginate polymer composite gel beads: Isotherm, kinetics and regeneration studies, 18-19th February 2019, organized by Department of Chemistry and Biotechnology at Govt. V.Y.T.PG. Autonomous College Durg, Chhattisgarh.