

Curriculum Vitae

Name: Dr. Jyoti Singh

Date of birth and place: February 3, 1974, Uttar Pradesh, India

Nationality: Indian

Marital Status: Married

Present position: Assistant Professor (Department of Chemistry)
Dr. Ghanshyam Singh Mahavidyalaya Soyepur,
Lalpur, Varanasi-221002

Mailing Address: Plot. No. 15-16 Mahaveer Nager Colony
Orderly Bazar, Varanasi-221002
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Academic Vitae: Ph.D. 2007 August

M.Sc. (1997) in Chemistry, IInd Division
V.B.S. Purvanchal University, Jaunpur

B.Sc. (1994) Chemistry, Botany 2nd Division
Udai Pratap Autonomous College,
Varanasi

Teaching Experience:

2007-Til Date Assistant Professor, Department of Chemistry, Dr. Ghanshyam Singh Mahavidyalaya, Soyepur, Lalpur, Varanasi.

2005-06 Guest Faculty for teaching Chemistry, Department of Chemistry, Udai Pratap Autonomous College, Varanasi.

Award

- Dec. 2006** Young Scientist Certificate, National Conference on Newly Emerging Areas in Chemical Sciences, Department of Chemistry, held at Udai Pratap Autonomous College, Varanasi.
- Sept. 2023** Honour for Significant Contribution in the field of Education, Kartabyabodh Divas-2023, Rastriya Saikshik Maha Sangh, Kaashi, Sambhag.
- Jan. 2024** Virangana Ahilyabai Holkar Naari Shakti Samman, Rastriya Saikshik Maha Sangh, U.P, on occasion of Kartavyabodh Pakhvara 2024.

Participation in National Conference/Seminar:

- Dec. 2006** Presented paper entitled “Phytochemical Investigation of *Pterocarpus santalinus*”, National Conference on Newly Emerging Areas in Chemical Sciences, Department of Chemistry, held at Udai Pratap Autonomous College, Varanasi.
- March 2008** Participated in the National Seminar on “Advanced Materials” held at Udai Pratap Autonomous College, Varanasi.
- Sept. 2012** Participated in the National Seminar on “Advances in Chemical Sciences” held at Udai Pratap Autonomous College, Varanasi
- Sept. 2012** Presented Poster entitled “A new Isoflavone from *Cassia javanica* Linn.” held at Department of Chemistry, Udai Pratap Autonomous College, Varanasi (U.P.).
- Feb. 2013** Participated in 15th CRSI National Symposium in Chemistry held at Department of Chemistry, Banaras Hindu University, Varanasi.
- March 2013** Presented paper entitled “A new triterpene from *Pterocarpus santalinus*” in National Symposium on Chemistry and Environment, held at Department of Chemistry, Faculty of Science, Banaras Hindu University, Varanasi -221005.
- April 2018** Presented paper entitled “Effect of Potato Peel extract on corrosion behaviour of aluminium alloy in acidic medium, National Symposium on New Trends in Environmental and Educational Management, Dept. of Biotechnology, Dr. Ghanshyam Singh P. G College, Varanasi.

- Feb. 2024** Presented paper entitled “Recent Advances in the development of Aurones Derivatives as antifungal agents”, National Conference, Himalayan Ecosystem: Threats, Resilience & Sustainable Management, jointly organized by Govt. P.G College, Nagnath-Pokhari (Chamoli) Uttarakhand and USERC, Dehradun.
- Sep. 2024** Presented Paper entitled “Indian Education: Ancient to Modern”, The Indigenous Education System of Bharat: From Gurukuls to Digital Classrooms, Sunbeam Women’s College, Varuna, Varanasi.
- Nov. 2025** Presented paper entitled “Role of Nanoparticles: New Innovative Scientific Approach towards Day- to- Day life”, International Conference on, “Viksit Bharat@2047: Towards a Synergy of Education, Culture and Innovation”, Dept. of Journalism and Mass Communication, BHU, Varanasi
- Feb. 2026** Presented paper entitled “Challenges and Solutions of Environmental Justice”, International Conference on, “Climate Change and social justice: Challenges and Solutions of Environmental Justice”, M.M.H College, Ghaziabad, India.
- March 2026** Presented paper entitled “Nanomaterials: Synthesis, Characterization and Potential Application”, in National Seminar on “Environment, Economy, Culture and Technology: A Way Forward to Viksit Bharat”, Dept. of Geography, Dr. Ghanshyam Singh Mahavidyalaya, Soyepur, Lalpur, Varanasi.
- Workshop:**
- Feb. 2010** Participation in International Workshop on “Spectroscopic Signatures of Molecular Complexes /Ions in Our Atmosphere And Beyond” Organized by Udai Pratap Autonomous College in collaboration with Laser and Spectroscopy Society of India.
- Mar. 2012** Participation in Training Workshop on Interface between Natural Sciences and Biosciences held on Banaras Hindu University Mahila Mahavidyalaya Varanasi 221005.
- Feb. 2015** Science Academics’ Lecture Workshop on “Current Trends in Chemistry”, Dept. of Chemistry, Udai Pratap Autonomous College, Varanasi.
- Feb. 2016** Science Academics’ Lecture Workshop on “Synergy between Computational and Experimental Chemistry”, Dept. of

- Chemistry, Udai Pratap Autonomous College, Varanasi.
- Mar. 2016** Workshop on “Recent Trends in Basic Bio-Chemical Sciences”, DBT, Govt. of India, at Department of Chemistry, Udai Pratap Autonomous College, Varanasi.
- Jan. 2017** Science Academics’ Lecture Workshop on “Recent Perspectives in Computational and Experimental Chemistry”, Department of Chemistry, Udai Pratap Autonomous College, Varanasi.
- Dec. 2022** National Workshop “Hands on Practical Experience in Recombinant DNA Techniques, Bioinformatics and Cheminformatics”, 27-29 December 2022, Dr. G. S. P. G College, Varanasi in collaboration with Experiome Biotech Pvt. Ltd. Lucknow. (**Worked as member of organizing committee**).
- Feb. 2023** Workshop on National Science Day-2023, organized under the aegis of USERC, Dept. of Information and Technology, Govt. of Uttarakhand, Global Science for Global Wellbeing, conducted by Lakshya Society, Govt. Degree College, Maldevta, Raipur, Dehradun.
- Aug. 2023** Faculty Development Program on “NEP Implementation: Emerging Issues in Higher Education”. Inter University Centre for Teachers Education, BHU, Varanasi.
- Sept. 2025** One Day Workshop on Ozone Layer, Climate Change and Environmental Conservation- A Need of 21st Century, Dept. of Geography, Dr. Ghanshyam Singh Mahavidyalaya, Soyepur, Varanasi.
- Nov. 2025** NEP-2020, Orientation & Sensitization Program, under UGC, Malaviya Mission Teacher Training Program, organized by joint collaboration with MMTTC, Dept. of Education, MGKVP, Varanasi and Teacher Education Department & Tea Reskilling Cell, Tilak Dhari PG College, Jaunpur.
- Feb. 2026** Two-Days Workshop on “Instrumentation Enrichment: Tools for Basic Science Research”, 02-03 February 2026, Faculty of Science, Dr. Ghanshyam Singh Mahavidyalaya, Soyepur, Lalpur, Varanasi in collaboration with Dept. of Chemistry, Institute of Science, BHU, Varanasi. (**worked as Organizing Secretary**).

Research Publication

1. Aurone Glycosides from *Pterocarpussantalinus* heart wood Vol.20(1):61-69(2007), Journal of Vegetos. An International journal of Plant Research.
2. An Isoflavone and Isoflavone Glycoside from heart wood *Pterocarpus marsupium* Vol.22 (2), 27-32 (2009) Journal of Vegetos. An International journal of Plant Research.
3. A triterpene from heart wood of *Pterocarpus marsupium*. J. Chemtracks Vol.11(1),127-130 (2009).

Place: Varanasi

Signature

Date:

(Jyoti Singh)