

RESUME

Dr. Ranjana Singh

Assistant Professor

Department of Chemistry

Dr. P. D. B. H. Government PG College, Kotdwar
(Garhwal), Uttarakhand

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PERSONAL PROFILE

I am self-motivated, dedicated and skilled professional with over 18+ years of experience in teaching chemistry for under graduate and post graduate courses. My specialization areas for PG classes are Reaction mechanism; Spectroscopy; Stereochemistry; Pericyclic reactions under Organic chemistry and for UG classes are Organic and Physical Chemistry. I am capable of effectively communicating with students to support, motivate and advance their educational goals.

EDUCATION HISTORY

- 2002 : **Doctor of Philosophy** in Chemistry separation of some 3D block elements as complexes with N-Salicylidine amino acids by Thin – Layer Chromatography”
- 1999 : **M.Sc.** in Chemistry (Specialization in Organic Chemistry) from M.J.P. Rohilkhand University, Bareilly
- 1997 : **B.Sc.** in Biology (Zoology, Botany and Chemistry) from Rohilkhand University, Bareilly

PROFESSIONAL APPOINTMENTS

- Jan 2017 - Present : Assistant Professor, Chemistry Department
Dr. P. D. B. H. Government PG College, Kotdwar, Uttarakhand
- Sep 2010 – Dec 2016 : Contract Lecturer, Chemistry Department
Dr. P. D. B. H. Government PG College, Kotdwar, Uttarakhand
- Aug 2003 – Aug 2010 Lecturer (Ad hoc), Chemistry Department
K. L. D. A. V. PG College, Roorkee, Uttarakhand
- Jul 1999 – Nov 2002 Research Scholar in Hindu College, Moradabad, Uttar Pradesh

TEACHING/RESEARCH/ADMINISTRATIVE EXPERIENCE

1. Teaching Experience: 18+ Years experience of teaching for UG and PG courses
2. Research Experience: 03 Years
3. Research Papers: 02

Training Programme:

1. ORIENTATION PROGRAM - HRDC Nainital, Kumaun University, Nainital (25 Oct 2017 – 21 Nov 2017)
2. REFRESHER PROGRAM (Research Methodology) - HRDC Patiala, Punjab University, Patiala (02 Dec 2019 – 14 Dec 2019)
3. REFRESHER PROGRAM (Advanced Research Methodology) - RAMANUJAN COLLEGE University Delhi (22 Jan 2022-05 Feb 2022)
4. One Day Orientation Program for CTE faculty - CTE, Dr. P. D. B. H. Government PG College, Kotdwar (30 Sep 2019)
5. One Day Workshop (Engineering role of CTE) - CTE, Dr. P. D. B. H. Government PG College, Kotdwar (30 Dec 2017)
6. Resource Person (Refresher course for secondary school) - CTE, Dr. P. D. B. H. Government PG College, Kotdwar (17 Jan 2018 – 21 Jan 2018)

Seminars/ Conferences (Paper Presentations):

1. Attended the “**National Conference on Current Trends in Applied Science**” held at J. V. Jain College, Saharanpur (18-19 March, 2017) and presented a paper entitled as “*Uses of Gold Nano-Particles in Cancer Therapy*”.
2. Attended the “**National Seminar on Innovative Techniques in Scientific Research and Skill Development**” held at Meerut College, Meerut (28-29 January, 2018) and presented a paper entitled as “*Nano Technology and its Application in Medicine*”.
3. Attended the “**National Seminar on Perspective in Natural and Applied Sciences**” held at Uttaranchal College, Dehradun (9-10 March, 2018) and presented a paper entitled as “*Use of Medicinal Plants in Controlling Internal and External parasites in Animals*”.
4. Paper entitled as “*Control of Echo Parasite on Live Stock*” was presented in “**National Conference of Medical Anthropology on Vector- borne and Zoonotics Diseases**” held at D. A. V. PG College, Dehradun (26-27 October, 2018).
5. Attended the “**National Conference on Status of Upcoming Trends in Biodiversity Conservation**” held at Chamanlal Degree College, Landhura (6 January, 2019) and presented a paper entitled as “*The Impact of Industrial Pollution on Global Warming Facts Cause and Effects*”.
6. Attended the “**National Seminar on Current and Future Prospects of Science in India**” held at IFTM University, Moradabad (15-16 March, 2019) and presented a paper entitled as “*Green Synthesis of Biologically Active Transition Metal Nanoparticles Containing Schiff Base via Catalyst Free Hydrothermal Reaction*”.

7. Participated in “**Rashtriya Mahila Shangosthi**” held at MKP PG College, Dehradun (14 September, 2019) and presented a talk on “Role of Women in Economic Development”.
8. Attended the “**International Conference on Intelligent Information on Socio-Medical Sciences Modeling 2019**” held at Government PG College, Lohaghat (5-7 June, 2019) and presented a paper entitled as “*Uses of Nano-Particles in Cancer Therapy*”.
9. Attended the “**International Conference on Contemporary Issue of Climate Change; Conservation of Biodiversity and Natural Resources in Himalayan Environment**” held at Government PG College, New Tehri (14-16 November, 2019) and presented a paper entitled as “*Impact of Changing Climate in Uttrakhand, India*”.
10. Attended the “**National Conference on Contemporary Issue of Climate Change; Conservation of Biodiversity and Natural Resources in Himalayan Environment**” held at Government PG College, Rishikesh (25-26 November, 2019) and presented a paper entitled as “*Impact of Changing Climate in Uttrakhand, India*”.
11. Attended the “**International Conference on Interdisciplinary Research for Sustainable Development: Innovations and Opportunities**” held at Vardhman College, Bijnor and presented a paper entitled as “*Making Technological Innovation Work for Sustainable Development*”.
12. Participated in the “**International Conference on Role of Yoga, Peace, ICT and Environment Education for Sustainable Development**” conducted by CTE & Department of BED, Government PG College, Kotdwar (23-24 March, 2021).
13. Conference on “Emerging Trends Towards Zero Maintenance Sustainable Water Filter for Rural Areas” conducted by Government PG College (Maldevta) Raipur Dehradun (30 March 2022).
14. Attended the “**International Conference Conservation and Sustainable Use of High Altitude Medicinal & Aromatic Plants for Socio -Economic Development**” conducted by Rishikul, Haridwar Uttarakhand (07 -08 May 2022) .
15. Attended the “**National seminar on “National Education Policy -2020 Implementation in Uttarakhand” Conducted by Dr.P.D.B.H Government PG College Kotdwar (25 Aug 2022).**”
16. Attended the “**International Seminar “Role of Education, Literature, Culture and Society in Global “conducted by L.S.M Government PG College Pithoragarh (13-14 Nov 2022)** presented a paper entitled as “*Importance of Medicinal Plants*”.
17. Attended the “**National Conference on “Going Green: Environmental Conservation & Sustainability” conducted by Sunbeam Women’s College Varuna Varanasi (27-28 Nov 2022)** presented a paper entitled as “*Information About Green Chemistry How to help for Environment*”.

LANGUAGE & ADDITIONAL SKILLS

- Hindi and English
- One year Software Program development Diploma from NIIT Delhi.

AWARDS/HONORS/ APPRECIATIONS

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PERSONAL DETAILS

Date of Birth : 15 May 1978
Marital Status : Married
Address : D-180, New Colony, Ganeshpur Road, Roorkee, Uttrakhand
Interest : Reading Science fiction, playing carom, cooking and listening music

Declaration: All the above mentioned information is true as per records and/or my knowledge.

Date:

Place: Kotdwar

Signature