

CURRICULUM VITAE



Dr. Kavita Rawat

M.Sc. (Organic Chemistry), NET, Ph.D

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Biographical

Birth date : 15 Oct 1991
Gender : Female.
Marital status : Unmarried.
Nationality : Indian.
Languages Known: Hindi & English

Contact

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Educational Qualification

- **Ph.D. (Chemistry): 2019**
From Department of Chemistry, Gurukul Kangri University, Haridwar, Uttarakhand.
- **CSIR- UGC NET: 2014**
- **M. Sc. (Organic Chemistry): 2013**
From Department of Chemistry, P.N.G Govt. P.G. College Ramnagar, Nainital with First division.
- **B. Sc. (PCM)**
From Department of Chemistry, P.N.G Govt. P.G. College Ramnagar, Nainital with First division.

Member in conferences/scientific meetings

- Life Membership of the Indian Science Congress Association, Kolkata.
- Life Membership of the Indian Science Congress Association, Haridwar Chapter.

Synthetic Skills

- Experience in all aspects of techniques for separation and purification of the reaction products.
- Expertise in handling of conventional as well as modern synthetic reagents and reactions.
- Knowledge of IR, NMR and Mass spectral data interpretation for characterization of the organic compounds.
- Physioanalytical Techniques/Instruments Handled: UV-Visible spectrophotometer, GC-MS, Stop-Flow Instrument, and FT-IR Spectrophotometer.

Teaching Experience:

- Four years Teaching experience at UG (B.Sc) and PG (M.Sc) level in Department of Chemistry, Hemwati Nandan Bahuguna Garhwal (A Central University) University, Uttarakhand, India **(from 08/08/2018- 31/04/2022)**
- One year Teaching experience of UG (B.Sc.) Classes in Government Degree College Rudraprayag **(Session 2022-23)**
- Presently working in Department of Chemistry, Govt P.G. College Kotdwar, pauri Garhwal, Uttarakhand.

Research Publications

1. Kinetic-Spectrophotometric determination of *p*-Bromoaniline at the microgram level, *Rasayan J. Chem.*,11(3) [2018], 1328-1333 [ISSN:0974-1496].
<http://dx.doi.org/10.31788/RJC.2018.1133095>
2. Nano-emulsion of methylmetacrylate / butyl acrylate crosslinked an application in acrylic emulsion paints, *ESSENCE Int. J. for Env. Rehab. Conser.* (2018) [ISSN: 0975 -6272] <https://doi.org/10.31786/09756272.18.9.1.107>
3. Study of radiation exposure due to indoor radon, thoron and progeny in Ghuttu, Tehri Garhwal, India, *J. Radioanal. Nucl. Chem.*, (2021)
<https://doi.org/10.1007/s10967-021-07937-z>

Book Chapters Published: 4

Conference attended /paper /Poster presented/Seminars

- *Paper presented in "National conference on Science & Technology for National development"*, Organized by The Indian Science Congress Association: Haridwar Chapter, Faculty of Engineering & Technology, Gurukula Kangri Vishwavidyalaya, Haridwar, on September 28-30, 2015.

- **Oral presentation** in **“International conference on“Energy, Functional Materials & Nanotechnology”(ICEFN-2016)**, Organized by Department of Chemistry, Kumaun University, Nainital, India, on March 27-29, 2016.
- **Paper presented** in **“7th National conference on Science & Technology for National Development”**, organized by The Indian Science Congress Association: Haridwar Chapter, at Department of Chemistry, Gurukula Kangri Vishwavidyalaya, Haridwar, on November 20-22, 2016.
- **Paper presented** in **“International conference on frontiers at the Chemistry- Allied Sciences Interface”**, Organized by the Department of Chemistry, University of Rajasthan, Jaipur (India) on July 22-23, 2017.
- **Paper presented** in 8th Conference of the Indian Science Congress association (Haridwar Chapter) **“Reaching the unreached through Science & Technology”** Organized by Department of Mathematics and Department of Computer Science, D.S.B. Campus, Kumaun University, Nainital, during October 14-15, 2017.
- **Oral presentation** in **“International Conference on Nanomaterials: Initiatives & Applications”**, Organized by School of Studies in Environmental Chemistry & Institute of Engineering, Jiwaji University, Gwalior, on March 9-11, 2018.
- **“Analytical WorkShop”** on 7-8th Nov **2019** at Dept. of Chemistry, Graphic Era University, Dehradun and CSIR-Indian Institute of Petroleum.
- **Paper presented** in National Conference on **“Recent Advancements in Natural Products Chemistry and Nanotechnology (RANPCN-2019)”**, Organized by H.N.B Garhwal University (A Central University) Srinagar Garhwal, Uttarakhand, on 9-10th September 2019.

Place: Kotdwar
Date: 12/09/2023

[Dr. Kavita Rawat]