

CURRICULUM VITAE

Dr. HEMANT KUMAR BINWAL

M.Sc. (Physics), M.Ed., M.A.(Education), UGC-NET-JRF, PhD (Education)

Assistant Professor

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Teaching Experience: More Than 12 Years of Teaching Experience in Various Schools, Colleges, and Teacher Education Institutions of The State.

Area of Interest: Science Education, Pedagogy, ICT in Education, Research Methodology

Research Experience:

- **Dissertation (M.Ed.) Topic - Attitude of Upper Primary Students towards Science: A Study**
- **Dissertation (Pre Ph.D.) Topic - A Study of Scientific Aptitude of High-School Students**
- **Ph.D. Thesis Topic- A Study of Aptitude and Learning Difficulties in Science Among High School Girls with Reference to Teacher's Teaching Techniques and Student's Personal Background Factors**

Certifications (Online Courses): *Various Online Courses Completed by Different Online Platforms Like, SWAYAM, UNITAR, NIEPA and UNESCO.*

Broadcast: *Various Scientific and Educational Talks Broadcasted from ALL INDIA RADIO, Almora (Uttarakhand).*

Publications:

Paper Presented

- **Presented 11 research papers at National and International Seminars/Conferences on diverse themes in the field of Education.**

Chapters In Edited Book/ Conference Proceedings

- **Published 05 book chapters in edited volumes and conference proceedings.**

Papers In Journals

- **Published 07 research papers in UGC-CARE listed and peer-reviewed national and international journals.**

Literary Work

- **Published Many Articles, Poems, and Stories in Different Magazines & Newspapers in All India, on Social & Scientific Issues.**

Reviewer

- Working as a **Reviewer of International Journal of Innovative Research in Technology (IJIRT)**, ISSN: 2349-6002, from 20 February 2026 onwards.
- Working as a **Reviewer of International Journal of Education, Culture and Society (IJECS)**, New York, U.S.A., ISSN Online: 2575-3363; ISSN Print: 2575-3460, From **15 April 2024** onwards.

Award

- Honored with **Maulana Abul Kalam Azad Education Award-2024** for **Outstanding Contributions to Education** on 11 Nov. 2024 (National Education Day) By Ranidanga Yashoda Educational Society, Ranidanga, Darjeeling, West Bengal, India.
- Honored with the prestigious **International Icon Award 2024** for the remarkable contribution in the field of education by **International World Records on 16 Nov. 2024.**

Technical Session Chaired / Co-Chaired-

- Co-Chaired a Technical Session in the National Seminar on **“Empowering Disadvantaged Groups in India: Addressing Disparities, Challenges and Way Forward,”** organized by Lakshmi Devi Tamta Women’s Study

Centre, Faculty of Education, **Soban Singh Jeena University, Almora (Uttarakhand)** during June 14–15, 2025, conducted in hybrid mode.

Delivered Lecture:

- Delivered invited lectures in colleges, DIETs, and polytechnic institutions in Uttarakhand on themes such as NEP 2020, Research Methodology, and Scientific Temperament.

Other Than Teaching Experience

- Actively Participation in Many Scientific Programme & NGO'S (**Vigyan Prasar, UCOST, BGVS**).
- Attended over 75 professional development programs, workshops, and short-term courses (STCs), faculty induction programme, refresher course, training programme at both national and international levels, gaining diverse insights and skills to enhance professional expertise and contribute effectively to academic and institutional growth.
- **Team Member of Curriculum Development Committee** for Two Year B.Ed. Programme of Kumaun University, Nainital. (Academic session 2013-14)
- **Team Member of Curriculum Development Committee** for B.A. And M.A. Education (Semester System) Of Kumaun University, Nainital. (Academic session 2016-17)
- Associated with various universities (Kumaun University, Nainital, Sri Dev Suman Uttarakhand Vishwavidyalaya Tehri Garhwal, Uttarakhand Open University, Uttarakhand (India), Soban Singh Jeena University Almora (Uttarakhand) India, Mahatma Jyotiba Phule Rohilkhand University, Bareilly) for examination related work (paper setter, examiner, evaluator) in undergraduate and postgraduate courses.
- Participated in **Curriculum Design Committee and Expert Committee** for Undergraduate (**Education**) Curriculum 2021 for all Universities and

Colleges of Uttarakhand State for the first three years of the Higher Education Program under **National Education Policy-2020**, on **06-08 Jan.2022**, organized by Kumaun University Nainital, Uttarakhand. (**Online Mode**)

- Participated As an **Expert** in **National Workshop on National Education Policy 2020: Curriculum Design for The State of Uttarakhand-II**, For Post Undergraduate (**Education**) For All Universities and Colleges of Uttarakhand State, on 14 March 2023, Organized by Kumaun University Nainital, Uttarakhand. (**Online Mode**)
- Invited as an Internal Expert by Head and Co-convener, Department of Education, M.B.G.P.G. College, Haldwani (Nainital), to participate in a meeting for finalizing the **Undergraduate (UG) syllabus of Education** in alignment with the **National Education Policy (NEP) 2020.**, on *Dated: 29 April 2025*
- Nodal Officer and Mentor of USERC Uttarakhand.
- Academic Counsellor of **IGNOU**, New Delhi since 2021.
- Nodal Officers And Members of Different Academic Committees at College Levels.
- Participated as a Member of the **Board of Studies (BOS) Education**, Soban Singh Jeena University, Almora (Uttarakhand) on **17th July 2025**. Contributed to the revision and upgradation of the curriculum in accordance with the National Education Policy (NEP) 2020 for **TYUP (Three-Year Undergraduate Programme)**, **FYUP (Four-Year Undergraduate Programme)**, **Honors Programme**, and **Master of Arts (Education)** courses.