

Curriculum Vitae

PERSONAL DETAILS

- **Name:** Dr. Mahendra Rana
- **Date of Birth:** 05 May 1979
- **Nationality:** Indian
- **Gender:** Male
- **Marital Status:** Married
- **Contact Information:**
 - Mobile: +91-9411306514 / +91-9410176405
 - Email: rana.mahendra214@gmail.com
 - Address: Associate Professor, Department of Pharmaceutical Sciences, Sir J. C. Bose Technical Campus, Bhimtal, Uttarakhand, 263136, India
- **Languages Known:** Hindi, English, Sanskrit, Kumaoni

VISION & ROADMAP

Aims to position Kumaun University as a national leader in research, innovation, and societal impact, emphasizing infrastructure modernization, digitization, interdisciplinary research, and student empowerment.

OBJECTIVE

To contribute as a Professor in the Centre for Excellence in Medicinal Plants and Nanotechnology, integrating teaching, research, and innovation for the development and validation of traditional knowledge and medicinal plants, empowering local communities and promoting sustainable entrepreneurship.

EDUCATION

Degree	Year	Discipline/Subject	Institution/University	Percentage
Ph.D.	2010	Pharmacognosy	Kumaun University, Nainital	-
Master's Degree (M.Pharm)	2006	Pharmacognosy	Bundelkhand University, Jhansi	71.60
Bachelor's Degree (B.Pharm)	2004	Pharmacy	Kumaun University, Nainital	74.50
Senior Secondary	1998	Biology, Chemistry, Physics	UP Board, Nainital	70.22
Secondary	1996	Science, Maths, etc.	ICSE Board, St. Joseph's College	78.33
GATE	2004	Pharmacy	IIT Delhi	91.14

ACADEMIC & ADMINISTRATIVE EXPERIENCE

Kumaun University, Nainital

- **Dean, Faculty of Biomedical Sciences**
- **Honorary Director, Centre for Excellence in Medicinal Plants and Nanotechnology**
- **Associate Professor, Pharmaceutical Sciences, Kumaun University, Nainital** (2022-present)
- **Assistant Professor, Pharmaceutical Sciences, Kumaun University, Nainital** (2010-2022)
- **Lecturer, Pharmaceutical Sciences, Kumaun University, Nainital** (2007-2010)
- **Controller of Examinations, and Assistant Public Relations Officer,**
- **Founder Coordinator, Digital Initiative Cell, Assistant Nodal Officer for RUSA&NIRF**
- **Various Honorary Roles:** Placement & Counselling Coordinator, Assistant Dean (Student Welfare), Assistant Proctor, Member Executive Council, Academic Council, University Senate

Other Institutions

- **Lecturer, Institute of Professional Studies, Gwalior, Madhya Pradesh**

TEACHING & RESEARCH PHILOSOPHY

- Proficient in blending experiential, student-centric learning, utilizing technology, simulation models, and collaborative projects.
- Focus on multidisciplinary curricula, industry alignment, and research-based teaching.
- Strong emphasis on mentoring, innovation, and inclusion.

RESEARCH SUPERVISION

- **Ph.D. Theses Awarded:** 4 (Sole Supervision), 2 (Joint Supervision)
- **P.G. Dissertation Awarded:** 55 (Sole Supervision)

RESEARCH PROJECTS & CONSULTANCIES

Summary of notable projects as PI/Co-PI funded by agencies such as UGC, AICTE, ANRF-PAIR, Uttarakhand Government, including:

- Fabrication of Nanoformulations for Cancer Therapeutics
- Development of Pharmacognostic Tools for Medicinal Plants
- Skill Development and Livelihood Pharming Initiatives
- Sustainable Nanomaterials from Waste

PATENTS

- **Integrated Biochar and Environmental Monitoring System, Modular Smart Vertical Vermicomposter** (National, 462307001)
- **Synthesis and molecular modeling of substituted indole derivatives** (National, 202311059741 A)
- **New Crystalline Forms of Prulifloxacin** (National, 491835)

PUBLICATIONS

- **Peer-reviewed Research Papers:** Over 50 published in UGC-listed journals, with Scopus indexing, low plagiarism levels, research score as per UGC guidelines.
- **Book Chapters:** More than 20 chapters in reputed international and national publications including Academic Press (Elsevier), IGI Global, Wiley, CRC Press, Nova Science, Kunal Books.
- **Books Authored:** Pharmaceutical Industry in Uttarakhand: A critical evaluative study; Prospects of Herbal Drug Industry in Uttarakhand.

AWARDS & FELLOWSHIPS

- **Prof. M. L. Schroff Pharma Recognition Award** (2022, Team Pharma Lok)
- **Special Award for Exemplary Services** (2025, Kumaun University)
- **Devbhoomi Shiksha Utkrasthan Samman** (2023, Amar Ujala & MIET)
- **Career Award for Young Teachers** (2014, AICTE)
- **Recognition by APTI, PMBI**

PROFESSIONAL MEMBERSHIPS

- Life Member & CEC of Association of Pharmacy Teachers of India
- Life Member Indian Pharmacy Graduates Association
- Life Member Oaks
- Registered Pharmacist, State Pharmacy Council, Uttarakhand

INVITED LECTURES & CONFERENCES

Delivered over 30 invited talks, resource person roles, paper presentations at national and international forums, including training programs, science congress, and seminars.

Place: Bhimtal

Dr. Mahendra Rana

Date: 16 August, 2025