CURRICULUM VITAE

Dr. Ved Prakash Singh

Professor & Head
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Awards & Distinctions:

- BHU-Combined Research Entrance Test (CRET) 1st rank in written entrance test
- University Fellowship from Banaras Hindu University, Varanasi, India. (2005-2008)
- Senior Research Fellowship from CSIR, New Delhi, India. (2008-2010)
- Selected in written and interview in Chattisgarh Public service commision (Higher educ.) in 2012
- Raman fellowship Award to visit USA for one year from 2016-2017
- Awarded best Oral presentation award in national Seminar on "conservation and
- sustainable use of Medicinal and Aromatic plants"in September 2018
- Awarded Young Scietist Award (2nd prize) in 12th Annual Convention of ABAP & International
- Conference on "Biodiversity, Environment and Human Health: Innovations and Emerging Trends"BEHIET-2018 in November 2018

Research Interest: Synthesis and study of weak interactions in aromatic systems, synthesis and study of bioactive compounds.

Details of Employments:

- Department of Industrial Chemistry, Mizoram University, School of Physical Science from *5 th October 2023-till now –Professor*
- Department of Chemistry, Mizoram University, School of Physical Sciences from *19 th April 2021-to 4 th October 2023 – Associate Professor*
- Department of Chemistry, Mizoram University, School of Physical Sciences from 11th Jan 2012 to *18th April 2021 –Assistant Professor*
- Department of Chemistry, Central University of Jharkhand, Ranchi, Jharkhand from 1st Aug 2011 to *9th Jan 2012 –Assistant Professor (Contract)*
- Department of Chemistry, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh from 13th Oct 2010 to *15th June 2011 –Assistant Professor (Contract)*

Administrative Experience: Head Department of Industrial Chemistry, Mizoram University. Aizawl, Mizoram from 13th Aug 2022

Participation in Academic and Administrative Committees:

- Member of School Board in School of Physical Sciences in Mizoram University
- Member of BOPS in Department of Industrial Chemistry
- Member of BOS in Department of Computer Engineering

Member of BOS in Department of Food and Technology
Member of MZU annual report editorial board

- Member of solid/liquid/bio-waste/chemical waste disposal facilities in the MZU

Foreign Assignments:

Memberships in professional bodies:

- Life member of Chemical Research Society of India (CRSI).
- Life member of North-East Academy of Science and Technology (NEAST)
- Member of International Society of Heterocyclic Chemistry (IHSC) Member of
- Indian Society of Chemists and Biologists (ISCB)

Details of Professional Trainings:

- Participated in Seminar cum workshop on Emerging trends in drug design and molecular modeling in Department of Pharmaceutics IT B.H.U Varanasi April-2009.
- Participated in workshop on Protein Modeling and simulation: Its application in biological Sciences in School of Biotechnology, Faculty of Science, Banaras Hindu University in sept-2009.
- Participated in National symposium-cum workshop on X-ray Crystallography in Department of Chemistry, Faculty of Science, Banaras Hindu University in March 08-09, 2010.
- Participated in International workshop on "Spectroscopic signature of molecular complexes/ions in our atmosphere and beyond" and presented a paper "Exploration of weak interactions via spectroscopic methods" in Feb. 2010.

Research Projects:

International Projects: (Completed & Ongoing) NA

National Projects: (Completed & Ongoing)

- Project of titled "Molecular Recognition: Synthesis and Studies on non-covalent interactions of aromatic π systems" is completed from UGC in 2016. (6 Lakhs)
- Project from DBT titled "Synthesis of natural product congeners to reinvigorate the investigation of their chemistry & anti-inflammatory pathogenesis and anti-carcinogenic activities" is completed in 2020. (78 Lakhs)
- Project sanctioned from CSIR titled "Design, synthesis and study of biological activity of natural product analogs" from 2019-2022. (24 Lakhs)
- Reproductive biology, analysis of high –value phytochemicals/essential oils for nutraceutical potential and value of selected Citrus species of North East India from 2020-2023. (100 Lakh)

Research Publications:

He published 45 research articles in different reputed journals like ACS omega, European Journal of Chemistry, Bioorganic Chemistry etc. 35 Students completed M.Sc. dissertation and four PhD students awarded under his supervision. He received different research grants from CSIR, DBT, UGC etc.

Seminar/Symposia/Workshop Organized:

- Organized as Co-coordinator a “Special Summer School on “Emerging Trends in Science and Technology”

  Organized as Co-coordinator a “Multidisciplinary Refresher Course in Physical, Life and Earth Sciences”

- Organized as convenor an International Conference on “Science and Technology for Innovative and Sustainable Development (STISD - 2023)”, Dept. of Chemistry & Dept. of Industrial Chemistry, Mizoram University, Aizawl, Mizoram, India, June 28th – 30th June 2023.