

Dr. Lalit Singh Bisht: Curriculum Vitae

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Academic qualifications:

- UGC-NET in Chemical science, June 2013
- UGC-NET in Chemical science June 2014
- GATE-2013 in Chemistry
- Master of Science in Organic Chemistry from G.B. Pant University of Agriculture and Technology Pantnagar, Uttarakhand 2010.

Work experience:

S.N.	Designation	Name of Organization	From	To
1.	Assistant Prof.	Govt. Mahila Degree college Haldwani, Nainital	18.10.2014	6.04.2015
2.	Assistant Prof.	Govt. Degree College Gairsain Chamoli	05.08.2016	30.06.2020
3.	Assistant Prof.	Govt. Degree College Manila Almora	16.09.2020	29.07.2022
4.	Assistant Prof.	Maharana Pratap Govt. Degree College Nanakmatta	05.08.2022	continue

Conference/Seminar/workshop:

1. Lalit S. Bisht, Rajendra Prasad, Deepshikha Joshi, Manoj K. Nailwal and Anand B. Melkani, "Phytochemical investigation and antibacterial screening of steam volatile extract from *Ainsliaea aptera*" International Conference on Energy, Functional materials & Nanotechnology (ICEFN-2016), March 2016.
2. Lalit S. Bisht, Anand B. Melkani and Rajendra Prasad, "Comparative study of antibacterial activity of the essential oil from roots and whole aerial parts of *Carpesium cernuum*" 19th International Conference of International Academy of Physical Sciences & Symposium on Fixed Point Theory and Dynamical Systems (CONIAPSXIX), October 2016.
3. Lalit S. Bisht, Anand B. Melkani and Rajendra Prasad, "Thiogeraniol rich essential oil from *Carpesium trachelifolium* and its antimicrobial activity against some animal and plant pathogens" International Conference on Energy, Functional materials & Nanotechnology (ICEFN & SEM-2019), May 2019.

4. Lalit S. Bisht, Anand B. Melkani and Rajendra Prasad, "Chemical diversity and bioactivity of volatile constituents of some medicinal plants from Asteraceae family" National Conference on Science & Technology for Rural Development Organized by The Indian Science Congress Association: Gurukul Kangri Vishwavidyalaya, Haridwar, February 2020.
5. Lalit S. Bisht, Anand B. Melkani, Rajendra Prasad, Deepshikha Joshi, and Lalit Mohan "Phytochemical screening and antimicrobial activity of essential oil from aerial parts of *Plectranthus striatus*" National Conference on Science & Technology by The Indian Science Congress Association: Haridwar Chapter, October 2017.
6. Lalit S. Bisht, Anand B. Melkani, Rajendra Prasad and Deepshikha Joshi, "Chemical composition and antibacterial activity of the essential oil from *Carpesium* species." 10th Uttarakhand State Science & Technology Congress (UCOST), Vigyan Dham, Dehradun, February 2016.
7. Lalit S. Bisht, Anand B. Melkani, Rajendra Prasad and Deepshikha Joshi, "Terpenoid composition and antimicrobial activity of essential oil from aerial parts of *Doronicum roylei*" 11th Uttarakhand State Science & Technology Congress (UCOST), Vigyan Dham, Dehradun, March 2017.
8. Lalit S. Bisht, Participated in National Conference on Science & Technology for Rural Development Organized by The Indian Science Congress Association: Gurukul Kangri Vishwavidyalaya, Haridwar, September 2015.
9. Lalit S. Bisht, Participated in Awareness workshop on "The facilities of UGC-DAE Consortium for Scientific Research" Nainital, April 2016.

Publications:

1. **Lalit S. Bisht**, Rajendra Prasad, Deepshikha Joshi, Manoj K. Nailwal and Anand B. Melkani. Phytochemical screening and antibacterial assay of the essential oil from *Carpesium cernuum* L., International Journal of Green and Herbal Chemistry. 2017, 6(4), 107-116.
2. Deepshikha Joshi, Anand B Melkani, Manoj Nailwal, **Lalit Bisht** & Rajendra Prasad., "Selinum vaginatum C. B. Clarke: Terpenoid Composition and Antibacterial Activity of Whole Aerial Parts and Root Essential Oil", Published in **Journal of Essential Oil Bearing Plants.**, 1-11 (2018).
3. Deepshikha Joshi, Anand B. Melkani, Manoj K. Nailwal, Rajendra Prasad & **Lalit S. Bisht**. "Terpenoid composition of essential oil from a new chemotype of Selinum wallichianum Raizada & Saxena." Published in **Natural Product Research.**, 32(3), 362-365 (2018).
4. Rajendra Prasad & **Lalit S. Bisht**, Deepshikha Joshi, Anand B. Melkani., Chemical Composition and Antibacterial Activity of the Essential Oil from Whole Aerial Parts of Leucas mollissima Wall. ex Benth, 2017, 141-147.
5. **Lalit S. Bisht**, Anand B. Melkani, Rajendra Prasad, Lalit Mohan, Manisha Palni & Leelawati Nitwal, Chemical Composition and Antimicrobial Assay of Essential Oil from Whole Aerial Parts of Ainsliaea aptera DC. Collected from two Different Regions of Central Himalaya, Journal of Essential Oil-Bearing Plants, 2021, 510-518.
6. Leelawati Nitwal, Manisha Palni, Anand B. Melkani, Lalit Mohan, **Lalit S. Bisht**, Chemical composition and antibacterial assay of essential oil from Thalictrum

punduanum Wall, 2024, [International Journal of Research in Pharmaceutical Sciences](#) 14(4):209-219

7. Rajendra Prasad, Anand B. Melkani, Lalit S. Bisht, Lalit Mohan, Archana N. Sah, Shubhangi Mehra, The essential oil composition, antimicrobial activity and antioxidant assay of the extracts from aerial parts of *Dicliptera roxburghiana* Nees. [Indian Journal of Natural Products and Resources](#), 2023,14(4).