



DR. NITIN KUMAR SHARMA

Assistant Professor of Botany
MSc. (Hons. School), MPhil, PhD



CONTACT

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Profile Summary

Appointed through HP Public Service commission in June 2010. Served various colleges during 14 years and serving MPGC Amb since March 23, 2023.

EDUCATION

Ph.D. in Plant Taxonomy from Panjab University Chandigarh. 2012

M.Phil. in Plant Ecology from Panjab University Chandigarh. 2008 (68%)

M.Sc. (Hons. School) from Department of Botany, Panjab University Chandigarh. 2006 (67.15%)

B.Ed. Dogra College of Education (Jammu University). 2003 (62%)

B.Sc. DAV College Daulatpur Chowk (HPU) 2002 (64.17%)

Publications

Studies on the growth of juvenile culms of some bamboos. 2010. Indian Forester.

Bamboos of Himachal Pradesh. 2012. Indian Forester

Plants based drugs for diabetes by the people of Himachal Pradesh (India). 2014. The Journal of Ethnobiology and traditional medicine

Plant diversity development under planted woody species on coal mine spoil in a dry tropical environment, India: A case study. 2020. Journal of ecological engineering.

Mallotus Philippensis (Lam.)Mull.Arg.: A comprehensive review on ethnomedicinal uses. 2020. Ethnobiology and Conservation

Mallotus Philippensis (Lam.)Mull.Arg.: A review on its pharmacology and phytochemistry. 2020. Journal of herbmed and pharmacology.

From rabies to covid-19 some important pathogens that jumped from animals to Humans. 2021. Book Chapter in : Impact of Covid-19 on Indian economy.

Herbacious vegetation under planted woody species on coal mine spoils acts as a source of organic matter. 2022. Acta Oecologica.

LANGUAGES

- English
- Hindi
- Punjabi

Achievements

1. Qualified NET conducted by CSIR
2. Qualified MPhil/PhD entrance of Panjab University twice
3. Awarded Best Oral Presentation in Chandigarh Science Congress (CHASCON) in 2010.
4. Qualified Departmental examination of education Department of HP.

Conferences Attended

1. Student Research Convention Jointly organized by Indian Universities and Panjab University (North Zone) 13-15 February, 2008.
2. National Symposium on New Biology In Agriculture organized by Panjab University, Chandigarh in collaboration with All India Biotech. Association, New Delhi. 7-8 November 2008.
3. 13th Punjab Science Congress, Climate Change : Concerns and Solutions, Organized by Panjab University Chandigarh, Under the aegis of Punjab Academy of Sciences. 7-9 February, 2010.
4. 4th Chandigarh Science Congress (CHASCON) Organized by Panjab University Chandigarh, 19-20 March, 2010.
5. National conference on Issues and Challenges in Higher Education-II. Organized by Himachal Govt. College Teachers' Association on 5th December 2019 at Hotel Peterhof, Shimla

Paper presented in National /International Conferences

1. From rabies to covid-19 some important pathogens that jumped from animals to human. National conf. organized by Govt College Una HP on 1st July 2020.
2. Bamboo diversity of HP and their uses. National conf. organized by SGTB Khalsa College Anandpur Sahib, Punjab from February 7-9, 2022.
3. Legal provisions for the protection of biodiversity in India. National conf. organized by Govt. College Nagrota Bagwan HP from March 16-17, 2022.
4. Bamboos of Himachal Pradesh. National conf. organized by Govt College Bhoranj HP on 27-28 February, 2023.

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5. Bamboo diversity of Himachal Pradesh and their utilization. International conf. organized by Govt. college Nadaun HP on September 29-30, 2023.
6. Ethnobotanical aspects among the people of various tribes of Himachal Pradesh. International conf. organized by Govt College Pangi, Chamba HP On 01-02 and 04th October 2023.
7. Biodiversity and uses of medicinal plants of western Himalayas. National conf. organized Govt. College Sarkaghat HP on 3rd December 2023.
8. Bamboo as a source of sustainable development. International conference organized by Govt. College Beetan HP on July 26-27, 2024.
9. Indigenous knowledge and Traditional knowledge. National conf. organized by Govt. College Dharampur Mandi, HP on September 27, 2024
10. Most recent Himalayans medicinal plants that entered in IUCN red list and their conservation. International conf. organized by Govt. College Pangi, HP on 11 & 13 October, 2024
11. The biodiversity crises; understanding species extinction drivers and mitigation strategies. International conference organized by Govt. College Dharampur Mandi, HP on October 24-25, 2024.
12. Green Gods: Exploring Science Fiction and Role of Sacred Plants in Futuristic Religions. International conference organized by Govt. College Una, HP on November 15-16, 2024.

Botanical Institutes visited for field Study

- Botanical survey of India (BSI): Dehradun (Northern Circle)
- Forest Research Institute (FRI) – Dehradun
- Forest Research Centre (FRC)- Velupadam(Kerala)
- Kerala Forest Research Institute (KFRI)- Peechi(Kerala)
- Tropical Botanical Garden and Research Institute - Pallode (Trivantpuram) (TBGRI)
- Wild Life Institute(WLI)- Dehradun.
- Llyod Botanical Garden – Darjeeling(West Bangal)
- Coal mines spoils Singrauli Distt. Sidhi (M.P.)
- Botanical garden and herbarium of Panjab University Chandigarh

Teacher Training Programmes

1. Two -week in service Induction Training programme organized by organized by Govt. College of Teacher Education Dharmshala under the aegis of Department of Higher Education, HP. 14-26 May 2012. With A Grade
2. UGC- Sponsored Orientation Programme organized by UGC-HRDC Punjabi University Patiala, Punjab. 3-31 January 2018. With A Grade
3. Short term training programme (TOT) conducted by National Institute of Teachers' Training and Research, Bhopal at Govt. College Dhaliara. 3-7 June 2019.
4. UGC- Sponsored Special Summer School Programme Organized by UGC-HRDC Kumaun University, Nainital (Uttarakhand).
5-19 July 2019. With A Grade
5. Attended one day Awareness Programme on "Importance of Intellectual Property Rights" at UGC-HRDC Kumaun University Nainital. 12 July 2019
6. Faculty Development Programme on Digital Learning Environment at Govt. College Amb, 24-25 September 2020.
7. Two week online Faculty Development Programme on "ICT Tools for Teaching Learning Process and institute" jointly organized by Electronics and ICT Academies under the "Scheme of Financial assistance for setting up Electronics and ICT Academies" of the Ministry of Electronics and Information Technology (MeitY), Govt. of India. 15-26 March,2021. Earned Excellent Grade
8. Two week Interdisciplinary Refresher course /FDP on " Managing Online Classes and Co-creating MOOCs (Level 2)". Ramanujan College, University of Delhi. 2-16 June 2021. With A+ Grade.
9. One week FDP on multimedia tools for training and learning from 22- 28 July 2021 with A+ from Ramanujan College, University of Delhi.

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10. Refresher course in Plant taxonomy, ecology and biodiversity conservation from April 02-18, 2022 from Department of Botany Panjab University Chandigarh.

11. One week FDP on Yoga for Wellness from 08 June 2022- 14 June 2022 by Govt. College Daultpur Chowk HP

12. One week FDP on NEP-2020, new trends in higher education from 26 December, 2022 -01 January 2023 With A+ from Ramanujan College, University of Delhi.

13. Two week refresher course in Botany from 29 July 2023 to 13 August 2023 With A+ from Ramanujan College, University of Delhi.

Resource Person and Delivered Lectures

1 Resource Person During the training and capacity building of teachers of Kangra, Una and Chamba in Biodiversity Conservation and Monitoring camp at Dharmshala organized by The Organization of Social, Environmental and Rural Development in Collaboration with NCSTC, Department of Science and Technology, Govt. of India on Status of Floral species of Himachal Pradesh with special focus on local plants. 25 April 2013.

2. Delivered a lecture on Biodiversity Conservation at St. Sr. Sr. School Gagret Distt. Una HP. 27 April 2013.

3. Delivered a lecture on Medicinal plants and biodiversity conservation at Govt. sr.sc. School Dhaliara. 26 April 2014.

4. Resource Person in one day World Environment Day at Chander Dhar Guleri Govt. Degree College Haripur Guler, Kangra HP. 5, June 2021.

Workshops and other training programmes

1. One day National eWorkshop entitled “Techniques in Plant Anatomy” organized by SI Patil, GB Patel Science and STKVS Commerce College, Shahada, Distt. Nandurbar, Maharashtra on July 29, 2021
2. Three Days online training program on “Youth and Mental Health- Basic of Psycho-social Skills” from 12 August 2021- 14 August 2021 organized by Nation Institutes disaster and Management, Ministry of Home Affairs, Govt. of India in collaboration with Youth for Resilience, RAWs India & Indore School of Social Work.
3. Two Days online training program on “National conference on Disaster Management with focus on Geohazards” from 23 September 2021- 24 September 2021 organized by Nation Institutes disaster and Management, Ministry of Home Affairs, Govt. of India in collaboration with Guru Jambheshwar University of Science and Technology and Geological Society of India.

Other Social Activities

Donated Blood 6 times (as my blood group is O-ve is not common)

References

1. Prof. M.L. Sharma Professor Emeritus Department of Botany, PU Chandigarh, Mob No.9815903386
2. Prof. Anand Narayan Singh, Professor Department of Botany, PU Chandigarh, Mob. No. 9888703865
3. Prof. Sanjeev Thakur, Professor Department of Botany Central University of Punjab, Bathinda, Mob. No. 9501278687