

CURRICULUM VITAE



Personal Details

Mailing Address: (Permanent)

Dr. Prem Prakash

Tapovan Society,
Vill. Beyurakham, P.O. Kathgodam,
District- Nainital
Uttarakhand, India, 263126

Sex: Male**Date of Birth:** September 25th, 1975**Nationality:** Indian**Marital status:** Married

Mailing Address: (Present)

Dr. Prem Prakash

Professor
Deptt. of Botany
M.B. Govt. P.G. College, Haldwani
Distt.-Nainital, Uttarakhand
(INDIA) 263139

Contact:

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EDUCATIONAL QUALIFICATIONS:

1. B.Sc. in Botany, Zoology & Chemistry (Second div.), HNB Garhwal University Srinagar, Uttarakhand, India, in 1995.
2. M.Sc. in Botany, (First div.), HNB Garhwal University Srinagar, Uttarakhand, India, in 1998.
3. SLET from Rajasthan State Public Service Commission in 2001.
4. Ph.D. thesis submitted in 2002 and awarded in 2004 from HNB Garhwal University Srinagar, Uttarakhand, India.

Ph.D. Topic: Composition, Productivity and Carrying Capacity of a Sub-montane Grazingland in Garhwal Himalaya.

Field of Specialization: Ecology (Grassland Ecology)

TEACHING AND OTHER EXPERIENCES:

24 Years**1. At Govt. P. G. College, Dwarahat (19 Jul 2005 – 1 July 2019)**

- Coordinator of the study center for, "Uttarakhand Open University" in GPGC Dwarahat, Almora from 1 Jul. 2009 to 1 July 2019.

- Senior Programme Officer of N.S.S. from April 2007 to 15 Sep 2012 in GPGC Dwarahat, Almora.
- Worked as in charge Principle from 4th September 2012 to 16th Jul 2014 in GPGC Dwarahat, Almora.
- Examination in charge from 17th Jul 2014 to 1 Jul. 2019 in GPGC Dwarahat, Almora.
- NSS District Coordinator of Almora District from 10th Oct, 2014 to March 2019.
- 2. At M.B. Govt. P. G. College, Haldwani (2 Jul 2019 – 02 June 2024)**
 - Coordinator, Biotechnology Department
 - Nodal officer Entrepreneurship Cell of the college and Centre of Excellence
 - Member proctorial board
 - Member central evaluation committee
- 3. Worked as Assistant Director, Higher Education- Uttarakhand from 20 June, 2020 to 25 July 2023.

AWARDS

- State award from the Ministry of Sports and Youth Welfare, for excellent work in the social field on 21 Feb., 2013.
- Award by Kumaun University Nainital for doing good work in the field of plantation, polythene eradication, female feticide awareness and other social works on 24th Sept 2013 at Graphic Era Hill University Campus, Bhimtal, Nainital.
- State award “Adarsh Nagrik Samman” by NSS Cell, Youth and Welfare Department, Uttarakhand, for doing excellent work in the field of “Blood Donation” on 30 Nov 2013.
- State Award by SBTC Dehradun and USACS Dehradun for doing good work in the field of Blood Donation, on 01 Oct 2013 at hotel Ajanta, Dehradun, Uttarakhand.

Members in Different Committees

- Member Roster Committee- Uttarakhand Higher Education Department, Haldwani, Nainital
- Member Roster Committee- Uttarakhand Open University, Haldwani (Nainital), Uttarakhand
- Member Roster Committee- Kumaun University Nainital, Uttarakhand
- Member Roster Committee- SSJ University, Almora, Uttarakhand
- Member Roster Committee- Sridev Suman University, Badsahithaul, Tehri, Uttarakhand
- Member Roster Committee- G.B. Pant Agricultural University, Pantnagar (US Nagar)
- Director nominee for CAS process in DAVPG College, Dehradun, Uttarakhand
- Director nominee for CAS process in KLDVPG College, Roorkey, Haridwar, Uttarakhand

- Director nominee for CAS process in SGRRPG College, Dehradun, Uttarakhand
- Director nominee for CAS process in RMPG College, Narsan, Roorkey, Haridwar, Uttarakhand
- Member Board of Studies, Department of Botany, Kumaun University Nainital, Uttarakhand
- Member screening committee for eligibility check of different examination of UKPSC.

PROGRAMME ORGANISED

- “Sensitization Workshop on Prevention of Female Foeticide” under Red Ribbon Club of Govt. P.G. College, Dwarahat on 22nd March, 2009.
- 3 day workshop of, “Red Ribbon Clubs Formation for Programme Officers” sponsored by N.S.S. cell, Kumaun University, Nainital at Hotel Mayank, Doonagiri Road, Dwarahat, Almora (Uttarakhand), on 18th to 20th of October 2011.
- Blood donation camp on 9th Nov. 2011 under Red ribbon club and NSS unit of the college and 180 units of blood was collected by Sushila Tiwari Blood Bank, Haldwani and Blood Bank Raniketh.
- Blood donation camp on 17th Dec. 2012 under Red ribbon club and NSS unit of the college and 150 unit of blood was donated to Sushila Tiwari Blood Bank, Haldwani and Blood Bank Ranikhet.
- “Sensitization Workshop on Prevention of Female Foeticide” in Govt. P.G. College, Dwarahat on 25th February, 2013.
- Six special camps (day/night camps during 2006-2011) of N.S.S. and conducted many activities like ploythene eradication, AIDS awareness, environmental awareness, anti-liquor movement, child education etc.
- District Level Advocacy Campaign against Sex Selection and Pre-Birth Elimination of Females, Project Sankalp 2013 on 27th Feb 2013 at P.G. College Dwarahat, Almora.
- One day workshop on, “Yuva Prajanan and Yuva Swasthya” organized by State Nodal Agency, Arsh Agency, 22 Indra Road, Dehradun on 30 October 2013.
- Blood donation camp on 24th Jan. 2014 under Red ribbon club of the college and 50 unit of blood was donated to Sushila Tiwari Blood Bank, Haldwani.
- Conducted programs in 5 institutions on 5th June 2015 on “Environment Day”, sponsored by Sparsh Ganga Board, Dehradun, as district coordinator.
- Conducted programs in 8 institutions on 16th September 2015 on “World Ozone Day”, sponsored by Sparsh Ganga Board, Dehradun, as district coordinator.
- As district coordinator conducted one day workshop for the program officers of Almora district in GPGC Dwarahat, Almora on 12 Oct, 2016.
- Two days boot camp for initiating entrepreneurship skills in students in MBGPGC Haldwani with EDII Ahmadabad on 5 and 6 January 2024.
- 12 days EDP camp for developing entrepreneurship in students from 29 Feb to 12 March 2024 in MBGPGC Haldwani (Nainital) with the help from EDII Ahmadabad.

- Two days boot camp for initiating entrepreneurship skills in students in MBGPGC Haldwani with EDII Ahmadabad on 5 and 6 January 2025.
- 12 days EDP camp for developing entrepreneurship in students from 29 Feb to 12 March 2025 in MBGPGC Haldwani (Nainital) with the help from EDII Ahmadabad.

SEMINARS/CONFERENCES ORGANISED:

- Two day National Conference on, “Environmental Economics and Social Sustainability” (EESS-2014) on 4th& 5th Dec, 2014 at Deptt. Of Botany, Govt. P.G. College, Dwarahat, Almora.
- Two day National Seminar on, “Socio-Economic Impact of Ecological Ignorance in Development: Raising Disastrous Possibilities” (SEIEID-2017) on 6th&7th May, 2017 at Dept. of Botany, Govt. P.G. College, Dwarahat, Almora.
- Two days’ workshop on, “मन की बात, जल की बात” in Govt. P.G. College, Dwarahat on 11-12 August, 2019.

Resource Person/Lectures Given:

- Resource person in UGC sponsored educational innovation program organized by Govt. Degree College Gairsain, Chamoli (U.K.) on 2-3 Jan, 2012.
- Resource person in UGC sponsored program for SC/ST students preparing for academic/administrative services, organized by Govt. P.G. College, Ranikhet (U.K.) on 31 March, 2017.
- Resource person on Science (18-22 Nov, 2019) CTE, M.B. Govt. P.G. College, Haldwani.

Refresher and Orientation Programmes:

- 76th Four Week Orientation Programme from 22nd February to 23rd March, 2006 organized by the UGC-ASC, Jamia Millia Islamia, New Delhi and obtained ‘A’ grade.
- UGC- Sponsored Refresher Course in the subject “Bio & Life Science (I.D.) from 05-07-2011 to 25-07-11, organized by the UGC-ASC, Nainital (Uttarakhand)
- UGC- Sponsored Refresher Course in the subject “Earth and Environmental Science (M.D.) from 11-11-2013 to 01-12-13, organized by the UGC-ASC, Nainital (Uttarakhand)
- UGC- sponsored short term course in “Value Education” at UGC, Resource Development Centre Kumaun University, Nainital, (Uttarakhand) from 13 October to 19 October, 2016.

RESEARCH EXPERIENCE:

26 Years

RESEARCH SCHOLARS (Ph.D. AWARDED) DETAIL:

1. Dr. Akanksha Pant -“Evaluation of Antiaging and Stress Modulating Properties of Essential Oil Isolated from *Syzygium aromaticum* L. in *Caenorhabditis elegans*”
2. Dr. Praveen Joshi - Ecological Analysis and Conservation Strategies of *Paeonia emodi* Wall. ex Royle in Garhwal Himalaya

Registered Students for Ph.D. :

1. Neha Pal : Synopsis Approved: Ecological Investigation of Lichens in Binsar Wildlife Sanctuary, Uttarakhand

2. Kalpana Pandey Synopsis Approved: Studies on Morphological, Biochemical, and Propagation Responses of *Crepidium acuminatum* (D. Don) Szlach and *Malaxis muscifera* (Lindl.) Kuntze
3. Deep Pandey – Synopsis Submitted- Impact of Smoke Solution Derived from Invasive Species on Agricultural Crops.
4. Avani Arya - Synopsis Submitted- Study of Invasion Ecology in Kumaun Himalaya
5. Pooja Gihar- Synopsis Submitted- Impact of Abiotic Stress on Phenotypic Plasticity of *Phaseolus vulgaris* and its Cultivars

Patents:

Patent Filing Date- 31-12-24

Title of Invention: A Process to Enhance Seed Germination Using Smoke Solution from Invasive Plants.

Publication Date: 10-01-2025

International Classification: A61K0036280000, A61K0036532000, A01N0063300000, A01C0001060000, A01N0043900000

Name of Inventor- Dr. Prem Prakash and Deep Pandey

PUBLICATIONS:

BOOKS PUBLISHED

- ✓ प्रयोगात्मक वनस्पति विज्ञान (Practical Botany), 2009, प्रकाशक जगदम्बा पब्लिशिंग कम्पनी, 4771 / 23 दरियागंज, नई दिल्ली। ISBN No. 978-93-80280-00-4

BOOKS EDITED

- ✓ “Environmental Economics and Social Sustainability”, January, 2015 Eds. Dr. Prem Prakash & Narendra Kumar Singh, Durga Maa Prakashan, Haldwani, ISBN No. 978-81-920509-5-9.
- ✓ “Environmental Education for Social Sustainability” (A Blueprint for Survival) October, 2015, Editors: Dr. Prem Prakash, Dr. Amita Prakash & Narendra Kumar Singh, Adhyayan Publisher Distributor, New Delhi, ISBN- 978-81-8435-462-1.
- ✓ “Ecological Ignorance in Development: Raising Disastrous Possibilities” October 2017. Editors: Dr. Prem Prakash, Narendra Kumar Singh & Dr. Amita Prakash, Anamika Publishers & Distributors (P) Ltd, New Delhi, ISBN- 978-81-7975-894-6.

PAPER PUBLISHED

International Journal

- ✓ **Prem Prakash** (2008) “Floristic composition and phenology of a submontane grazingland as affected by scrapping and heavy grazing”. In International Journal of Applied

Environmental Science. Vol. 3 No. 3 (2008) pp 235-246. **ISSN: 0973-6077 (Print), ISSN: 0974-0260 (Online)**

- ✓ **Prem Prakash** and AK Paliwal (2012) “Structure and Phenology of an alpine meadow as affected by nomadic grazing.” In journal of Plant Development Sciences Vol.4 (1): 95-99, 2012 (An International quarterly refereed journal). **ISSN : 0974-6382 (Print), 2348-9170 (Online)**

<https://acrobat.adobe.com/id/urn:aaid:sc:ap:1ee96020-6067-4676-bc59-4a80bba2cefc>

- ✓ **Prem Prakash** and AK Paliwal (2012) “Composition, productivity and impact of grazing on the biodiversity of a grazingland in Almora District.” Journal of Applied and Natural Science 4 (1): 104-110 (2012). **ISSN : 0974-9411 (Print), 2231-5209 (Online)** Journal of Applied and Natural Science is indexed in Scopus (Cite Score 0.8, SNIP 0.224, SJR 0.166), a part of UGC-CARE List Group II

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:e88978df-647c-47f7-b8e0-0502b85840a4>

- ✓ **Prem Prakash** (2013) “Grazing management in temperate grassland of Kumaun Himalaya for soil water conservation”. In Journal of Applied and Natural Science 5 (2): 345-349 (2013). **ISSN : 0974-9411 (Print), 2231-5209 (Online)** Journal of Applied and Natural Science is indexed in Scopus (Cite Score 0.8, SNIP 0.224, SJR 0.166), a part of UGC-CARE List Group II

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:afbd0451-f000-4171-95d8-9804fe0a5f14>

- ✓ Aakanksha Pant, **Prem Prakash**, Rakesh Pandey and Rishendra Kumar (2016) *Syzygium aromaticum* (L.) elicits lifespan extension and attenuates age-related A β -induced proteotoxicity in *Caenorhabditis elegans* By: *Cogent Biology* (2016), 2: 1218412. **ISSN: 2331-2025**

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:230007ba-3173-4d20-8b5d-9d4e45bde2eb>

- ✓ Praveen Joshi, **Prem Prakash** and Vijay Kant Purohit (2017) *Paeonia emodi*: A review of Multipurpose Wild Edible Medicinal Plant of Western Himalaya in International Journal of Advance Research (IJAR) 5 (12), 480-486, December 2017. **ISSN: 2320-5407 Pubmed Indexed**

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:ba04e4a5-da9e-4dea-b62a-da12d92fe4d9>

- ✓ Joshi P, **Prakash P**, Purohit V.K. and Joshi K. (2018). Bioprospecting of *Paeonia emodi* for livelihood enhancement in Western Himalaya, India. ENVIS Bulletin Himalayan Ecology. 26: 67-70. **ISSN: 0971-7447 (Print), ISSN: 2455-6815 (Online)**

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:60bf11bd-ff87-4b45-953a-d2a39e250574>

- ✓ **Prem Prakash** and Praveen Joshi (2018) Effect of chemical treatment on dormancy and germination response of seeds of *Paeonia emodi* in Western Himalaya. International Journal of Engineering, Science and Mathematics, Vol. 7 Issue 4, April 2018: Pp 678-688. **ISSN: 2320-0294 Scopus ID: 3D9ED96C3EFA9FBD**

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:7b4f84d9-54fb-41d8-9f2e-9898a5338bfa>

- ✓ **Prem Prakash** and Praveen Joshi (2019). Study of Herbaceous Biomass and Productivity of Sahastradhara Forest Region under Garhwal Himalaya. International Research Journal of Natural and Applied Sciences, Volume 6, Issue 5, 69-78. **ISSN:** 2349-4077
<https://acrobat.adobe.com/id/urn:aaid:sc:AP:f9b57bfc-73ed-4cd9-a698-24066973bfff7>
- ✓ **Prem Prakash**, Praveen Joshi and Vijay Kant Purohit (2020). Impact on density of *Paeonia emodi* along an altitudinal gradient in Garhwal Himalaya, India. ESSENCE Int. Journal for Environmental Rehabilitation and Conservation. XI (SP2): 98-106. **ISSN-** 0975 – 6272
<https://acrobat.adobe.com/id/urn:aaid:sc:AP:572d4a41-cd5a-4b58-b631-f4bab8168340>
- ✓ Praveen Joshi, **Prem Prakash** and Vijay Kant Purohit (2021) “Seed Germination and Growth Performance of *Paeonia emodi* Wall. ex Royle: Conservation and Cultivation Strategies” in JARMAP Science Direct, 29 July, 2021, **ISSN:** 2214-7861. Scopus, Pubmed
<https://acrobat.adobe.com/id/urn:aaid:sc:AP:40df7bcb-3ad6-4d9a-ade3-40a7f4c3a204>
- ✓ Vijay Kant Purohit, Praveen Joshi, Jaidev Chauhan and **Prem Prakash** (2021). “Paeonia Emodi: A Threatened Important Medicinal Plant of Higher Himalayan Region” in International Journal of Research Granthalaya, August 2021, 9(8), 282-289. **ISSN (Online):** 2350-0530
<https://acrobat.adobe.com/id/urn:aaid:sc:AP:02116fd7-e780-48f9-8ec9-2f90d49d4b37>
- ✓ Praveen Joshi, **Prem Prakash** and Vijay Kant Purohit (2023) Assessing anthropogenic pressure and threats on *Paeonia emodi* Wall. Ex Royle habitats in Garhwal Himalaya. J. Mt. Sci. (2023) 20(3): 810-820.
<https://acrobat.adobe.com/id/urn:aaid:sc:AP:6915341c-02d5-480b-9086-f93a104af6b5>
- ✓ K Rautela, Y Bisht, A Kumar, AK Jugran, ID Bhatt, **P. Prakash**, 2023 Assessment of phenological growth stages of *Malaxis acuminata* D. Don: a high value herbaceous medicinal plant, Genetic Resources and Crop Evolution 71 (6), 2819-2829 Springer **ISSN** 0925-9864, **doi.org/10.1016/S1672-6308(09)60025-1**
<https://acrobat.adobe.com/id/urn:aaid:sc:AP:4479eb44-3d12-4dd6-b731-c723ffa18525>
- ✓ Deep Pandey, Avni Arya, Praveen Joshi, **Prem Prakash** (2024). A review on some ecological aspects of invasive flora based on comparative analysis of “Tehri” and “Pauri” Garhwal, Uttarakhand, India. International Journal of Research and Review. 2024; 11(4): 135-144. DOI: 10.52403/ijrr.20240416 DOI: <https://doi.org/10.52403/ijrr>, **ISSN:** 2349-9788 (Online) **ISSN:** 2454-2237 (Print) Index Copernicus
<https://acrobat.adobe.com/id/urn:aaid:sc:AP:f3432c91-8e25-4021-b321-8d986aa9ff89>
- ✓ Neha Pal, Rakesh Adhikari, Sanjeeva Nayaka, and **Prem Prakash** (2025) New and Interesting Records of Lichens from the Western Himalaya, India, Biology Bulletin, 2025, Vol. 52:33. © Pleiades Publishing, Inc., 2025. **ISSN 1062-3590**, DOI: 10.1134/S1062359024610851
- ✓ Kalpana Rautela, Arun K. Jugran, Indra D. Bhatt, **Prem Prakash** (2025), Assessment of Morphology, Ecology and Distribution Pattern of *Malaxis muscifera* (Lindl.) Kuntze in Western Himalaya in Proc. Natl. Acad. Sci. India, Sect. B Biol. Sci, 14 February 2025, **ISSN-** 2250-1746, DOI <https://doi.org/10.1007/s40011-025-01674-z>

National Journal

- ✓ **Prem Prakash**, Govind Rajwar and Indu Budhani (2004). Grazing impact and grassland conservation in the Garhwal Himalaya. Protected Habitat and Biodiversity, Nature Conservator Publisher 2004, pp 327-336.
- ✓ **Prem Prakash** and Renu Prakash (2011) औद्योगीकरण एवं नगरीकरण के प्रभाव से बदलती जलवायु एवं मानव समाज।AnusandhanVatika, Vol. I, Issue- 3&4 Jul-Oct, 2011, pp- 119-125.ISSN : 2230-8938
- ✓ **Prem Prakash**, (2011) Influence of rainfall on the productivity of temperate grasslands in Dwarahat. AnusandhanVatika, Vol. I, Issue- 3&4 Jul-Oct, 2011, pp. 102-108.ISSN : 2230-8938
- ✓ Praveen Joshi and **Prem Prakash** (2019). Bahupayogi Poudha Chandra: Ajeevika ka ek vikalp. LEISA INDIA. 2: 14-16.
- ✓ **Prem Prakash**, Praveen Joshi, Vikram Singh Negi and Vijay Kant Purohit (2020). “Ethnobotanical Uses and Bioprospecting of *Paeonia Emodi* (Paeonaceae) from Garhwal Himalaya, India” in Journal of Economic and Taxonomic Botany, Vol. 44, Issue 1-4, 36-42, Mar-Dec 2020. ISSN- 0250-9768 (UGC Care-Approved Group II Journal) JETB IS A WEB OF SCIENCE GROUP JOURNAL
- ✓ Praveen Joshi, **Prem Prakash**, Vijay Kant Purohit, Arun Kumar Jugran and Brij Mohan Dimri (2022). “Morphological and Elemental Parameters of Himalayan Peony (*Paeonia Emodi*) A Medicinal Plant in Relation to Different Forests of Garhwal Himalaya, India” in Indian Forester, 148(1), 45-53, 2022.ISSN: 0019-4816
<https://acrobat.adobe.com/id/urn:aaid:sc:AP:6afc0c58-7e80-4dd4-a659-78fa7a9e9147>

CHAPTERS IN BOOKS

- ✓ Prem Prakash & A.K. Agrawal, 2003. Phytosociology, phenology and litterfall pattern of subalpine forest community of Uttarakashi forest division, Uttaranchal. In, “Litter Dynamics” Ed. N.S. Bisht, 2003, pp 195-217.- ISBN
- ✓ Prem Prakash, 2010. Ecological aspects of Almora district: Main issues and concerns. In, “Advancement Science and Technology”, Eds. Mahipal Singh and A.K. Paliwal, 2010, pp 193-202. - ISBN
- ✓ Prem Prakash, 2011. “Impact of Grazing on the Biodiversity of Temperate Grazing land in Kumaon Himalaya”. In ‘Climate Change in the Himalayas’, Eds. Vir Singh, Nanda Nautiyal, Suman Kalyani Apparusu, M.S.S. Rawat, 2011, pp 106-124. - ISBN
- ✓ Prem Prakash, 2013. Carrying Capacity of a Temperate Grazing Land As Affected by Nomadic Grazing in Kumaon Himalaya. In “Sustainable Approaches for Environmental Conservation” Eds. Khanna, D.R., Chopra, A.K., Bhutani, R and Matta Gagan, 2013, pp 149-160.- ISBN
- ✓ Prem Prakash, Amita Prakash & NK Singh 2015. “Scope of Sustainable Development through Environmental Education” in, “Environmental Education for Social Sustainability

(A blue print for survival) Eds. Dr. Prem Prakash, Dr. Amita Prakash & Narendra Kumar Singh, Adhyayan Publisher & Distributor, New Dehi, 2015, pp 76-91.- ISBN

- ✓ Praveen Joshi, Prem Prakash and Vijay Kant Purohit, 2024 “Phytosociological and soil analysis of *Paeonia emodi* Wall. Ex Royle habitats in Garhwal Himalaya, India” in Biodiversity and Bio resources Exploring Nature’s Riches. Ed. Dr. Smriti Kukshal Samay Sakshya Publication, Dehradun - ISBN 978-81-19743-31-5
- ✓ Prem Prakash (2021), Unit-1- “Tools and Techniques in Plant Anatomy”, in Anatomy, Embryology and Elementary Morphogenesis. B. Sc. II year (BSCBO-202), Botany study material, Uttarakhand Open University, Haldwani, Nainital (Uttarakhand) Page No 6-21, ISBN - 978-93-90845-31-6

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:afdb59b2-0e97-43bf-893a-92a1fd5683e1>

- ✓ Prem Prakash (2021), Unit-2- Types of Tissues and Anatomy of Root, Shoot and Leaf”, in Anatomy, Embryology and Elementary Morphogenesis. B. Sc. II year (BSCBO-202), Botany study material, Uttarakhand Open University, Haldwani, Nainital (Uttarakhand) Page No 22-58, ISBN - 978-93-90845-31-6

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:afdb59b2-0e97-43bf-893a-92a1fd5683e1>

- ✓ Prem Prakash (2021), Unit-3- Structure of Vascular tissues”, in Anatomy, Embryology and Elementary Morphogenesis. B. Sc. II year (BSCBO-202), Botany study material, Uttarakhand Open University, Haldwani, Nainital (Uttarakhand) Page No 59-82, ISBN - 978-93-90845-31-6

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:afdb59b2-0e97-43bf-893a-92a1fd5683e1>

- ✓ Prem Prakash (2021), Unit-4- Normal and Anomalous growth”, in Anatomy, Embryology and Elementary Morphogenesis. B. Sc. II year (BSCBO-202), Botany study material, Uttarakhand Open University, Haldwani, Nainital (Uttarakhand) Page No 83-110, ISBN - 978-93-90845-31-6

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:afdb59b2-0e97-43bf-893a-92a1fd5683e1>

ARTICLE PUBLISHED

- **Prem Prakash**, 2013. “Role of NSS in Environment Conservation” in “YUVA SANKALP” magazine by Youth Welfare Ministry of Uttarakhand, 2010-13, pp-42-43.
- **Prem Prakash**, 2015. “What we can do to Conserve our Environment” in “UNNAYAN” Govt. P.G. College magazine for the session 2014-15.
- “हिमालयी क्षेत्र का बहुपयोगी पौधा-चन्द्रा” प्रवीन जोशी एवं प्रेम प्रकाश, लेख प्रकाशित, विज्ञान प्रगति, मई 2017 पृष्ठ सं० 44-45, ISSN- 0042-6075।

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:a702737f-0b0f-4aec-ba09-21c0a6ed52e7>

WORKSHOPS AND SHORT TERM COURSES ATTENDED:

- National training program on watershed management, for 20 selected participants from northern states, organized by IFSED and CCRD in National Cooperative Housing Federation of India, New Delhi on 19th-21st May, 2002.

- Uttaranchal and Himanchal Pradesh NGO consultation workshop of two days, “World Summit on Sustainable Development”, jointly organized by Centre for Science and Environment, New Delhi and Sarokar-centre for advocacy studies, Dehradun at hotel Aketa, Dehradun in 2002.
- 10 days Basic Rover Leader Training course at Shantikunj, Haridwar from 15-12-05 to 24-12-05.
- “Faculty Development Program in Pedagogy, Soft Skills and Evaluation”, organized by Dept. of Higher Education and ICFAI University, Dehradun at P.G. College, Rishikesh from 2nd April to 16th April, 2006.
- 10 days orientation programme for programme officers of N.S.S. sponsored by Ministry of Youth Affairs and Sports from 11 to 20 Nov. 2008 at TOC, Literacy House, Lucknow (U.P.) India.
- One day State level, “Masters Trainer Workshop for Prevention of Female Foeticide”, organized by D.A.V. P.G. College, Dehradun on 16th March, 2009.
- “Sensitization Workshop on Prevention of Female Foeticide” organized by Red Ribbon Club, Govt. P.G. College, Dwarahat on 22nd March, 2009.
- 3 day workshop of, “Red Ribbon Clubs Formation for Programme Officers” organized by N.S.S. cell, Kumaun University, Nainital at S.S.J campus Almora, on 22nd to 24th February 2010.
- Annual workshop of N.S.S. program officers on 30th April 2010 at M.B.A. Campus, Kumaun University, Bhimtal (Nainital) organized by N.S.S. cell Kumaun University, Nainital.
- “Edusat Training Programme for Nodal Officers” organized by Uttarakhand Space Application Centre and ISRO in joint collaboration with Dept. Of Higher Education, Govt. of Uttarakhand, on 30th Nov and 1st Dec. 2010 at Doon University Dehradun.
- 3 day workshop of, “Red Ribbon Clubs Formation for Programme Officers” organized by N.S.S. cell, Kumaun University, Nainital at Hotel Mayank, Doonagiri Road, Dwarahat, Almora (Uttarakhand), on 18th to 20th of October 2011.
- One day workshop on “District Level Advocacy Campaign Against Sex Selection and Pre-Birth Elimination of Females, Project Sankalp 2013” on 27th Feb 2013 at P.G. College Dwarahat, Almora.
- One day workshop on “Intellectual Property Rights” on 31st August 2013, organized by Govt. P.G. College, Lansdowne (Jaiharikhal) Pauri Garhwal, Uttarakhand.
- One day training cum sensitization workshop of IQAC coordinators of Kumaun Division at Govt. Girls P.G. College, Haldwani on, “Process of NAAC Assessment and Accreditation” on 25th November, 2016.
- National workshop on, “Plant Tissue Culture: Basic Tools, Laboratory Practical’s and Techniques” organized by Biochemical and Engineering Department, BTKIT, Dwarahat, Almora (Uttarakhand) on 22nd February, 2017.
- 5 Days orientation course on, “Entrepreneurship Faculty Educator Program” held at Noida on 4th Sep to 8th Sept. 2017, organized by Ministry of Skill Development & Entrepreneurship (PM YUVA Yojna).
- 3 Day Regional Workshop on **Research Based Pedagogical Tools** held in Kumaun University, Nainital, Uttarakhand, 263001 from 31st July to 2nd August 2018.

- Two week Interdisciplinary online Faculty Development Programme (FDP) on “Earth, Environment and Space Sciences for Mankind” organized by Department of Geography, Chaudhary Bansi Lal University, Bhiwani during May 21-30, 2020.
- Six days hands on learning workshop on “Basic Biology Laboratory or Undergraduate Biology Teachers” organized by Dept of Biological Sciences, IISER, Mohali from 19-24 May 2025.

CONFERENCE/SEMINAR ATTENDED AS INVITED SPEAKER/SESSION CHAIR

- Delivered a lecture on “Floristic Composition and Phytosociology of a Grazingland in Garhwal Himalaya” in Two Days National Conference on “Himalayan Ecosystem: Threats, Resilience and Sustainable Management. Organized by Dept. of Botany, Govt. Degree College, Nagnath Pokhri (Chamoli) Uttarakhand from 26 to 27 February, 2024.
- Co Chaired a session in Two Days International Seminar on “75 Years of Independence: Tribal Education and Challenges” organized by Department of Education, M.B.Govt. P.G. College, Haldwani (Nainital), Uttarakhand on 10-11 November, 2024.
- Co chaired the session of two days International seminar on “75 Years of Independence: Tribal Education and Challenges”, on 10-11 November, 2024, organized by Dept. of Education, MBGPGC, Haldwani (Nainital)

PAPER PRESENTED

- ✓ “Structure and phenology of a subalpine forest community of Uttarakhand”. In VIth Global Conference on Environmental Education, organized by the Indian Environmental Society (IES), at New Delhi during 6-10 November, 2001.
- ✓ “Impact of daily UV radiation on different growth parameters of *Lycopersicon esculentum*”. National seminar on Environmental Hazards and Future Generations”. At Chinmaya Degree College, Haridwar 11-12th May 2002.
- ✓ “Net primary productivity and energy flow of a submontane grazingland in Garhwal Himalaya”. In Academia, IInd annual conference, organized by Govt. P.G. College, Rishikesh on March 1-2, 2006.
- ✓ Structure, phenology, production dynamics, grazing behaviour and herbage exploitation of an alpine meadow as affected by nomadic grazing. IInd Uttarakhand State Congress, 15-17 November 2007 at Nainital.
- ✓ National seminar on, “Sustainable natural resource management, water resources & role of biotechnology in the development of Uttarakhand, at Govt. P.G. College, Rishikesh on Feb 25-26, 2008.
- ✓ Livestock grazing impact on vegetation, soil and hydrology in a temperate grazingland of Kumaun Himalaya. IIIrd Uttarakhand State Science Congress, 10-11 November 2008, IIT, Roorkee.
- ✓ Ecological aspects of Almora district: Main issues and concerns. State level conference on, “Role of Science in the Development of Uttarakhand”, organized by Govt. P.G. College, Bageshwar on 25-26 Oct, 2010.

- ✓ “Impact of grazing on the biodiversity of a temperate grazing land in Kumaun Himalaya”. International conference, “Cooling the Earth: Tactics for restoring climate order and saving the living planet”, at G.B. Pant, University for Agriculture and Technology, Pantnagar, India, on 15-17 November, 2010.
- ✓ Influence of rainfall on phenology and productivity of temperate grasslands in Dwarahat. National Conference on Emerging trends in Chemistry-Biology Interface (ETCBI-2011) November 3-5, 2011 at Department of Chemistry, D.S.B. Campus, Kumaun University, Nainital.
- ✓ Carrying capacity of a temperate grazingland as affected by nomadic grazing in Kumaun Himalaya. 1st world congress for man and nature, “Global Climate Change & Biodiversity Conservation”. 11th to 13th November 2011 at Dept. of Zoology & Environmental Science, Gurukul Kangri Vishwavidyalaya, Haridwar (U.K.), India with MANU.
- ✓ Livestock, soil compaction and water infiltration rate as influenced by grazing pressure in the temperate grassland of Kumaun Himalaya. International conference on, “Green Technology for Environment Rehabilitation”, February 11-13, 2012. Faculty of Engineering & Technology Gurukul Kangri University, Haridwar, Uttarakhand, India.
- ✓ "Conservation of soil water through grazing management in temperate grassland of Kumaun Himalaya." International Symposium on, “Agricultural Communication and Sustainable Rural Development, from Information to Knowledge to Wisdom- Envisioning a Food Sovereign World in the Third Millennium” at G.B. Pant, University for Agriculture and Technology, Pantnagar, India, on 22-24 December, 2012.
- ✓ RTI: An Overview, in State level conference on, Right to Information: Provisions, Importance and Problems, organized by, Department of History, P.N.G. Govt. P.G. College, Ramnagar, Nainital, on 23rd Feb., 2013.
- ✓ “Evaluation of ecological services provided by the forest of Dwarahat forest division” in 2nd National Conference and Exhibition on Advances in Biosciences and Health Education (ABHE-2014). Organised by Department of Zoology, Bareilly College Bareilly on 3rd March 2014.
- ✓ Carrying capacity of Dwarahat forest division under different management regimes, in the first International Congress, “Ecological Integrity and Environmental Ethics Living for a Sustainable Future”, on 8-10 Nov. 2014, organized by School of Basic Sciences, Pantnagar University, Pantnagar, Uttarakhand.
- ✓ “Concerning Sustainable Development of Almora District through Green Technology” in National conference on, “Environmental Issues for Soci-Ecological Development” (EISED-2015), organized by Department of Botany, Bareilly College, Bareilly on 25-26 Feb, 2015.
- ✓ “Environmental Education for Social Sustainability” in National conference on, “Social Ecological and Environmental Movements in India” on 13-14 October, 2015, organized by Department of Sociology, Lucknow University, Lucknow.
- ✓ “Impact of Climate Change on Productivity of Fruits in Doonagiri Region” in National seminar on “Sustainable Development in Indian Himalayan Region: Prospects & Challenges”. Organized by Department of Commerce, D.S.B. Campus, Nainital on 14 & 15 March 2016.

- ✓ “Ecological Economics and Assessment of Provisioning Services Provided by Dwarahat Forest Division” in three days National Seminar on, “Crop Diversity & Entrepreneurship Development in Himalayan Environment” on 29-1st October, 2016 organized by Department of Botany, RCU Govt. P.G. College, Uttarkashi.
- ✓ National seminar on, “Plant and Environment” organized by Department of Botany, DSB Campus, Nainital (Kumaun University) on 27-28 March, 2017.
- ✓ “Role of Environmental Education in Sustainable Development” 8th Conference of The Indian Science Congress Association (Haridwar Chapter) “Reaching the Unreached Through Science and Technology” organized by Department of Mathematics and Department of Computer Science, D.S.B. Campus, Kumaun University, Nainital on October 14-15, 2017.
- ✓ “Elemental Analysis of Medicinal Plant *P. emodi*: A High Value Medicinal Plant in Uttarakhand, India” in International Conference on New Horizons in Green Chemistry & Technology (Nov. 27-28, 2018) at Uttaranchal College of Applied and Life Sciences, Uttaranchal University, Dehradun.
- ✓ “Impact of climate change on the productivity of pulses in Dwarahat region” in National conference on Holistic Approach Towards Quality Enhancement in Higher Education, organized by IQAC, Pt. L.M.S. Govt. Post Graduate College, Rishikesh on January 29-30, 2019.
- ✓ “Assessment of Ethnobotanical Knowledge, illegal extraction and conservational strategies for highly demanded medical and aromatic plant species in selected landscape of Uttarakhand, India in International conference on Contemporary Issues of Climate Change, Conservation of Biodiversity and Natural Resources in Himalayan Environments on 14-16 November, 2019, organized by Dept. of Zoology, Govt. P.G. College, New Tehri, Tehri Garhwal, Uttarakhand
- ✓ “Ethnobotanical Study of Dwarahat Region in Kumaun Himalaya” in National seminar on, “Progression and Innovation in Higher Education” organized by M.B. Govt. P.G. College, Haldwani (Nainital).
- ✓ “Current status and future potential of *Paeonia emodi* ex. Royle, in Garhwal Himalaya, India” in two days National conference on Experience of Development In India, organized by Department of Geography, Govt. Arts College, Sikar, Rajasthan on 7-8 February, 2020.

(Dr. Prem Prakash)

