

CURRICULUM VITAE



Monika Chauhan

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CAREER OBJECTIVE

- ✓ Seeking a secure and responsible career opportunity to fully utilize my skills, while making a significant contribution to the success of the organization.

ACADEMIC BACKGROUND

- ✓ M.A. (Geography) from H.P. University.
- ✓ Diploma in remote Sensing & GIS from H.P. University.
- ✓ Diploma in Disaster Management from H.P. University.
- ✓ B.A. Hon's. (Geography) from H.P. University.
- ✓ 10+2 from H.P.S.E.B. Dharamshala.
- ✓ 10th from H.P.S.E.B. Dharamshala.

PROFESSIONAL WORK EXPERIENCE

1. **Post:** Scientific Professional under the **State Centre on Climate Change**
Organization: H.P. Council for Science Technology & Environment (HIMCOSTE)
Duration: September, 2021 till date

JOB RESPONSIBILITIES

- ✓ Mapping of wetlands of Himachal Pradesh under “**National Wetland Inventory and Assessment (NWIA) Phase-II (under SARITA Programme)**” using Remote Sensing and GIS Applications.
 - ✓ Mapping of glaciers under “**Cryosphere Science and Application Programme**”
2. **Post:** Scientific Professional
Organization: H.P. Council for Science Technology & Environment (HIMCOSTE)
Duration: 3.4 years
Project: Department of Science & Technology GoI Sponsored Project “**Studies on improving livelihood generation through scientific intervention in Pinus gerardiana Wall. and wild mushrooms in Himachal Pradesh**” from October 2017-2020.

JOB RESPONSIBILITIES

- ✓ Field Survey to Kalpa, Moorang, Pooh and Kilba forest ranges of Kinnaur and Pangi and Bharmour forest ranges of Chamba districts of Himachal Pradesh for training sets/signature of *Pinus gerardiana*.
- ✓ Maps of Forest Division, Soil, Tehsil wise, Beat wise, Slope, Aspect and Relief for both Kinnaur and Chamba Districts using GIS Software.
- ✓ Mapping of *Pinus gerardiana* geographical area in Chamba & Kinnaur districts of Himachal Pradesh.
- ✓ Digital image processing, supervised and unsupervised classification.
- ✓ Mapping of best seed sources identified in Kinnaur District.
- ✓ Geo-tagging of Mushrooms Species identified in Kinnaur and Chamba District.
- ✓ Training at Reckong Peo, Akpa and Choltu of district Kinnaur on “The uses and Conservation of Chilgoza (*Pinus gerardiana*) and wild edible mushrooms for stakeholders of Kinnaur.

PUBLICATIONS

- ✓ Published abstract- Bhushan, et al. **“Mapping of *Pinus gerardiana* Wall. (Chilgoza Pine) in Kinnaur District: An important conifer of north western Himalayas”**. Abstract & Souvenir of 3rd H.P. Science Congress, pp.121, 2018.
- ✓ Published research paper: Satyarthi et al. **“*Pinus gerardiana*-The threatened conifer of Western Himalaya”** *Van Sangyan (ISSN2395-468X)* Vol. 6, No.5, 23-27, May 2019.
- ✓ Published research paper-Archana, et al. **“Soil types using Geospatial technology a case study of Kinnaur and Chamba districts of Himachal Pradesh”** *Annals, NAGI* volume 41 (no. 2), December 2021, page 334–346.
- ✓ चिलगोज़ा पाइन : उत्तर पश्चिमी हिमालयी क्षेत्र का एक महत्वपूर्ण शंकुधारी वृक्ष।
- ✓ किन्नौर जिले के महत्वपूर्ण मशरूम।
- ✓ Brochure on "*Pinus gerardiana* wall. & important wild mushrooms in H.P."
- ✓ Poster on "Lets Save Chilgoza Trees"
- ✓ Pamphlet on "Mushroom Species identified in Kinnaur District".
- ✓ *Morchella* - An important edible and medicinal Mushroom.
- ✓ e-Poster on scientific harvesting of *Morchella esculenta* (Gucchi).

CONFERENCES/WORKSHOPS/SEMINARS/TRAINING

- ✓ Science Meet on **“Frontiers in Remote Sensing of Cryosphere”** organized on 3rd August 2022 by Space Applications Centre (ISRO), Ahmedabad.
- ✓ Training programme on **“Cryospheric Applications using Remote Sensing”** from 25th July to 2nd August, 2022 organized by Space Applications Centre (ISRO), Ahmedabad.

- ✓ ENVIS Regional Evaluation Workshop – 2018 held on 2nd-3rd November, 2018 at Hotel Royal Tulip Kufri.
- ✓ 3rd Himachal Pradesh Science Congress “**Rural Upliftment Through Science & Technology Interventions**” on October 22-23, 2018 at IIT Mandi, Mandi.
- ✓ Conclave of Himalayan States on 5th October 2018 at Hotel Peterhoff, Shimla.
- ✓ Launch workshop of DST GoI Sponsored Project “**Studies on improving livelihood generation through scientific intervention in *Pinus gerardiana* Wall. and wild mushrooms in Himachal Pradesh**” on 23rd June 2018.
- ✓ 2nd Himachal Pradesh Science Congress “Science and Technology for Sustainable Livelihood in Indian Himalayan Region” on November 20-21, 2017 at Hotel Peterhoff, Shimla.

PERSONAL DETAILS

Date of Birth: 21/08/1991

Gender: Female

Nationality: Indian

Marital Status: Married

PERMANENT ADDRESS

W/o Sanjay Chauhan

Village Shathla P.O Virgarh

Tehsil Kumarsain, District Shimla,

H.P - 172030

Date:

Place:

MONIKA CHAUHAN