

Faculty Profile

1. **Name** : Dr. Anupriya Sharma
2. **Designation (Subject)** : Associate Professor (Botany)
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5. **Educational Qualification** : Ph. D
6. **Area of Specialization** : Plant Physiology
7. **Teaching experience** : 18 years (UG Classes)
8. **Life Member** : Indian Botanical Society

Paper presentations in Conferences :

- i. Sharma, A. (2012) Apoptosis – A Programmed Cell Death presented at National Seminar on “Contemporary Challenges in Social Sciences” organized by Indian Council of Social Science Research (North-Western Regional Center, Punjab University Chandigarh) 2nd to 3rd March, 2012.
- ii. Sharma, A. (2015) Evaluation of radical scavenging activities in *Ferula jaeschkeana* from Spiti, Himachal Pradesh presented at National Conference organized by IEC University in collaboration with Science and Management Society Himachal Pradesh, 26th to 27th December, 2015.
- iii. Sharma, A. (2017) Ecophysiological aspects of dormancy and germination in *Hyoscyamus niger* L. from Spiti, a cold desert region in Himachal Pradesh. Presented at Swaran Jyanti National Conference on Biodiversity and Sustainable Utilization of Plant Resources at Department of Botany, Kurukshetra University, Kurukshetra (17-18 February, 2017).
- iv. Sharma, A. (2017) Evaluation of antioxidative activities in shoots of *Arnebia euchroma* from Spiti, a cold desert region in H.P. presented at 2nd Himachal Pradesh Science Congress, organized by Himachal Pradesh Council for Science, Technology and Environment (HIMCOSTE) on Science & Technology for Sustainable Livelihood in Indian Himalayan Region (20-21 November, 2017).
- v. Sharma, A. (2017) Low cost, green technological solutions: key for addressing climate change by developing nations presented at International Conference on Opportunities and challenges of 21st Century organized by RGGDC, Shimla, Himachal Pradesh, 7th to 9th December 2017.
- vi. Sharma, A. (2018) Dormancy and seed germination studies in *Arnebia euchroma* from Spiti, Himachal Pradesh presented at the International Conference on

- transforming our world: Opportunities and Challenges organized by RKMV, Shimla in collaboration with Science and Management Society, Himachal Pradesh, 30th November to 2nd December, 2018.
- vii. Sharma, A. (2019) Evaluation of Free radical scavenging activity in *Arnebia euchroma*, presented at National Seminar on Future India Science & Technology organized by Indian Science Congress Association (ISCA) - Shimla Chapter, Himachal Pradesh University, Shimla.
 - viii. Sharma, A. (2019) Issues and concerns of Higher Education at college level presented at National conference on 'Issues and Challenges in Higher Education-II' organized by Himachal Government College Teachers Association, Shimla HP, 5th December, 2019.
 - ix. Sharma, A. (2020) Effectiveness of different teaching aids at college level teaching presented at National Seminar on Higher Education for Nation Building organized by Himachal Pradesh College Shekshik Sangh, Shimla HP, 2nd January, 2020.
 - x. Sharma, A. (2022) The Impact of Digital Transformation on Environmental Sustainability presented at National Seminar on Digital India: Concept and Implications organized by Center of Excellence, Government College Shimla-6 in collaboration with Indian Council of Social Science Research, 23rd to 24th December, 2022.
 - xi. Sharma, A. (2022) Telomere/Telomerase Biology: Understanding Human Health and Longevity presented at International Conference organized by RKMV, Shimla, HIO (Jaipur), SMS HP & Sociological Society, RKMV Shimla, HP, 9th to 11th December, 2022.
 - xii. Sharma, A. (2023) Developing strategies seed based cultivation of *Arnebia euchroma* (a critically endangered and overexploited plant species) from Spiti, Himachal Pradesh, Development in mountains: Issues, Challenges and Solutions organized by Government Degree College Darlaghat, District Solan, Himachal Pradesh in collaboration with Indian Sociological Society, ISS National Council of Regional Association and Working Group-5 of International Sociological Association (11-12 December, 2023).
 - xiii. Sharma, A. (2024) Changing Climate in Himalayan Regions: Evidences, Impact and Need for Responsible Action, Issues and Advancement in the Contemporary World organized by ICFRE-Himalayan Forest Research Institute Shimla- H.P. (3rd -5th June, 2024).

Research Publications:

- i. Sharma, A. Sharma, S.S. (2020) Seed germination characteristics of Ratanjot, *Arnebia euchroma* (Royle) I.M. Johnston, a critically threatened medicinal plant

- species from cold desert of Spiti (Himachal Pradesh, India): Improvement by GA 3, sodium nitroprusside and proline. J. Indian Bot. Soc. 99 (3 and 4), 243-245.
- ii. Sharma et al., (2021) A comparable stimulation of seed germination by gibberellic acid and sodium nitroprusside in *Hyoscyamus niger* L., a threatened medicinal herb, from Spiti (Himachal Pradesh). J. Indian Bot. Soc. 101(3), 194-203.

Orientation Programmes and Refresher Courses:

- i. UGC sponsored Orientation Programme (4-week) organized by Academic Staff College, HP University attended in February-March, 2011.
- ii. UGC sponsored Refresher Course (3-week) organized by Academic Staff College, HP University attended in May, 2012.
- iii. UGC sponsored Refresher Course (3-week) on ITC organized by Academic Staff College, HP University attended in June-July, 2018.
- iv. Two-week online Refresher Course organized by Teaching Learning Centre, Ramanujan College, University Of Delhi in July-August, 2023.

In-Service Training (IST) & Faculty Development Programmes (FDP):

1. One- week IST Programme at SCERT, Solan in July, 2012.
2. One-week UGC sponsored Short Term Course on Disaster Management by HRD Centre, HP University in December, 2019.
3. One-week FDP on Financial Administration organized under the aegis of IQAC, RGGDC Chaura Maidan, Shimla in February, 2021.
4. One-week FDP on Contemporary Issues and Challenges in Higher Education organized under the aegis of IQAC, RGGDC Chaura Maidan, Shimla in March, 2023.
5. One-day training programme on Quality Teaching & Research held on May 6th 2023 at RKMV, Shimla-01 Himachal Pradesh.

Books published as co-author titled as “Environment Science (Revised Edition)” in both Hindi and English versions, Aakash Publishing House ISBN 81-19813-703

(Anupriya Sharma)