



Department: Botany

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Dr. Chhaya Singh

Assistant Professor

Qualification

PhD (2012):-Botany

MSc (2001):- Botany, H.N.B.G.U, Srinagar, Garhwal.

BSc. (1999):- Zoology, Botany, H.N.B.G.U, Srinagar, Garhwal.

Areas of Interest

Plant taxonomy

Pteridophytes

Ecology

Experience

2019 (Feb)–Current: Assistant Professor, Department of Botany, Government Degree College, Thalissain, Pauri, (Garhwal) Uttarakhand, India.

(2011-2019):-Assistant Professor Department of Life sciences, SGRR University, Uttarakhand, India.

(2007-2010):-Lecturer Gayatri College of Biomedical Sciences, Dehradun

Awards & Honours:

Fellow of the Association for Plant Taxonomy

Member of scientific organization:-

Fern society

Oaks

Association of plant taxonomy

Peer Reviewed Publications

1. **Chhaya Singh, Neha Chauhan, Sumita Tomar and Shagun Gupta. 2018.** “Analysis of Chlorophyll Content in *Adiantum Capillus-Veneris* L. Growing In Different Habitats in Doon Valley and Nearby Areas”. *AJST*. Vol. 09, Issue, 08, pp.8497-8501
2. **Chhaya Singh, Priyanka Nautiyal, Neha Chauhan, and Shagun Gupta. 2018.**” A Review On Ethnobotanical Uses Of Some Common Plants In Matli Village, Uttarkashi, Uttarakhand. *IJABPT*. Volume-9, Issue-3, pp.28-32
5. **Aabida Bashir, Chhaya Singh, Neha Chauhan, Anju Rani. 2018.** A Review: Ethnobotanical Study On Medicinal Plants Of Kargil District, Ladakh, India. *JETIR*. 5(12).181-196
6. Shagun Gupta, Vibhuti Singh Jhala Siddharth Shankar Bhatt Neha Chauhan, Chhaya Singh. **2019.** Nutritional importance Of Underutilized Fruits: 'Spondias Axillaris And Eriolobus Indica' Of Uttarakhand Hills. *Journal of Pharmacognosy and Phytochemistry* 8(1); 335-339
7. Chhaya Singh, Neha Chauhan, Anju Rani & Raj Singh. 2019. Restoration of World heritage site Nanda Devi Biosphere reserve, Uttarakhand. *J. Agric Forest Meterol Res*, 3(5); 405-408.
8. Chhaya Singh, Neha Chauhan, Sushil Upadhyay & Raj Singh .2020. Phytochemistry & Ethnopharmacological study of *Adiantum capillus-veneris* (L) (Maiden hair fern). *Plant Archives*. PAB/6220.

Book Chapter

1. Application of Nanobiotechnology in Medical and Clinical Fields .2017. Chhaya Singh and Maneesha Singh. Horizon Books.
2. Characterization Of Nano Particles using major tools and techniques. 2017. Maneesha Singh and Chhaya Singh. Horizon Books.

Books

1. Natural Resources: Conservation and Management. 2020. Chhaya Singh. Pratham Publication
2. Illustrated handbook of spice & herb. 2019. Chhaya Singh.
3. Herbal plant production technology. 2019. Chhaya Singh

Monograph

1. A MONOGRAPH ON MEDICINAL FERN – *Adiantum capillus-veneris* L. Chhaya Singh 1, Neha Chauhan 2. SERBD-International Journal of Multidisciplinary Sciences ISSN (Online): 2581-8376. Volume 02 Issue 04, Oct- Dec, 2019