

CURRICULUM VITAE

Dr. DEEPA SAINI

Father's Name	Shri Shakti Singh
Date of Birth	17/08/1989
Sex	Female
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Marital Status	Unmarried
Qualification- Designation	M.Sc (Zoology), B.Ed, Ph.D. Assistant Professor (Guest) in Department of Zoology, Pt. Lalit Mohan Sharma Campus Sri Dev Suman Uttarakhand University, Rishikesh.
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Languages Known	English and Hindi
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Research specialization	: Zoology, Environmental Toxicology
Title of Ph. D. Thesis	: Phototoxicological Studies on Selected Photosensitizers and their Impacts on Some Plants Aphids from Different Altitudes.
Teaching Experience	: 7 Years
Research Experience	: 4 Years
Publications	: 9
Paper presented in Conference	: 4, (International- 2 National- 1 and State – 1)



ACADEMIC AWARDS AND ACHIEVEMENTS:

- Award in the 'World Water Day' Poster Competition organized by Dept. of Zoology and Biotechnology, H. N. B. G Central University, Srinagar Garhwal held on March 22, 2018.
- Young Scientist Award in 14th Uttarakhand State and Technology Congress 2019-2020 on February 27-29, 2020.

RESEARCH TRAINING ACTIVITIES PERFORMED:

- Participated in AWSAR (Augmenting Writing Skills for Articulating Research) Workshop organized by UCOST, Dehradun on Sept. 10, 2018.
- Attend 22-days CSIR-IIP Integrated Skill Development Training Programme on industrial Aspects of Recombinant Biotechnology Organized by CSIR- Indian Institute of Petroleum, Dehradun.
- National Workshop on "Sensitization Program on Resent Techniques of Water Conservation with Special Reference to Uttarakhand State" organized by S.M.J.N.P.G. College, Haridwar on December 28, 2019.
- Attended Five days online Internship Training Program on "Beneficial Insects" Organized by Dept. of Zoology, Arulmigu Palaniandavar Arts College for Women, Palani, Tamilnadu & PPS Sericulture unit, Kovilpatti. On May 26- 30, 2020.
- Attended one-week online Internship Training Program on "Exploring Biotechnological Tools for Human Welfare" Organized by Department of Zoology, MVM College, Dindigul, Tamilnadu. On July 03- 09, 2020.
- Attended 4 days Teacher Training Workshop on "Hands on Science Activities" organized by Dhanauri PG College, Dhanuri, Uttarakhand, Swastik Gramodhyog Sanathan, Aamsaur, Dugadda and NCSTC, Dept. of Science and Technology, New Delhi. On September 11-14, 2023.

BROAD AREA OF RESEARCH:

Solar Ultraviolet Radiation Monitoring, Phototoxicity and Photobiology, Ozone Depletion and Climate Change, Biodiversity Conservation and Natural Resource Management, Chemical toxicity testing, Antioxidative mechanisms, Biochemical and Enzymological studies, Herbal antioxidants, Biochemical toxicology.

LIST OF PUBLICATIONS

1. Aara R., Chowdhary N., **Saini D.** and Kumar S.: Studies on hill stream fish photosensitivity with psoralene and retene photosensitizers. *Journal of Environmental Biology*. 41(1), 125-130. (2020).
2. Kumar S. and **Saini D.**: Phototoxicity of α -terthiynyl and psoralene in rose and mustard aphids (*Macrosiphum rosae* & *Lipaphis erysimi*) in Doon valley. *Journal of Mountain Research*. P-ISSN: 0974-3030, E-ISSN: 25825011. J.N. 15 109- 116. (2020).
3. Kumar S. and **Saini D.**: Ecology and diversity of plant aphids in Garhwal region of Uttarakhand, India. *Biological Diversity: Current Status and Conservation Policies*. BDCS-2021-0253. (2021).
4. **Kumar S and Saini D.**: Effect of UV Radiation and Temperature on different species of Aphids Behavior, Fecundity and Mortality in Uttarakhand. *International Journal of Entomological Research*. 6(5), 196-201, (2021).
5. **Saini D.**, Devi S. and Kumar S.: Anti-inflammatory and anti-oxidative role of traditionally used herbal complex against chemical induced toxicity. *Vedika Vag Joytika*. 9(17), 130-148, (2021).
6. Chauhan M., Thakur A., Rather M. M. and **Saini D.**: Tissue Culture a Potent Tool for Selection of Better Performing Shisham Genotypes against *Fusarium Wilt*. Scientific Advancement Making Life Better, Weser Book. ISBN: 978-3-96492-407-0. 1-15. (2022). <https://doi.org/10.33545/wb.book.221>
7. **Saini D.** and Kumar S.: Impact on Ultraviolet radiation and temperature on different species of plant aphids behaviour and mortality in Uttarakhand. Communicated.
8. **Saini D.**, Kumar V., Pandey N., Sharma S. and Jain C.K. Ground Water Quality Assessment in Industrial Area of Bhagwanpur Block, District Haridwar, Uttarakhand. Communicated.
9. **Saini D.** Chaudhary N. and Kumar S.: Solar UV Radiation Monitoring in Uttarakhand. Communicated.

ABSTRACTS/WORKSHOP/CONFERENCE/SEMINAR/ WEBINARS ATTENDED

- Presentation in 11th National Conference of Medical Arthropodology on Vector-Borne and Zoonotic Diseases: Surveillance & Control under dynamics of global warming, climate change and environment. Organized by Dept. of Zoology, D.A.V.(P. G.) College, Dehradun, Uttarakhand
- Presentation in International Conference on Interdisciplinary Research for Sustainable Development: Innovation and Opportunities (ICIRSD-2020). Organized by Vardhaman College, Bijnor, Uttar Pradesh on February 14-16, 2020.
- Presentation in 14th Uttarakhand State and Technology Congress 2019-2020 on February 27-29, 2020.
- Participated 'National Level Webinar on Phytomedicine and Health' organized by PG and Research Department of Biochemistry, Rajah Serfoji Government College, Thanjavur, Tamil Nādu on July 13, 2020.
- Attended Webinar on "International Mountain Day" Organized by Uttarakhand Science and Education & Research Centre and Government of Uttarakhand" on December 11, 2020.
- Attended International Webinar on "Microbiological Diversity: from Health to Environment" organized by Department of Botany and Microbiology, H. N. B. Garhwal University, Srinagar (Garhwal) on June 27, 2020.
- Attended Webinar on "Mass Spectrometry in Natural Product Research" organized by Department of Botany and Microbiology, H. N. B. Garhwal University, Srinagar (Garhwal) collaboration with Association of Microbiologists of India (AIM), Srinagar (Garhwal) on June 24, 2022.
- Presentation in International conference on "Advancement in Physical Sciences: Promoting Societal Welfare, Sustainable Development and NEP-2020" organized by Sri Dev Suman University, Pandit Lalit Mohan Sharma Campus, Rishikesh (Uttarakhand) India on September 15-16, 2023

Place: Roorkee

Deepajaini
Signature