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<u>Name:</u>	Ms. Nitika Chaudhary
<u>Designation:</u>	Assistant Professor of Botany
<u>Academic Qualification:</u>	Qualified HP State Eligibility Test (2013) M.Sc.(Botany): Department of Biosciences, Himachal Pradesh University, Shimla B.Ed.: Department of Education, Himachal Pradesh University, Shimla B.Sc (Hons): Govt. College Daulatpur Chowk, Una (affiliated to HPU)

Teaching Experience: 06 Years

Publications:

International Peer Reviewed Journals: 03

1. Kumari, I., Chaudhary, N., Sandhu, P., Ahmed, M., & Akhter, Y. (2016). Structural and mechanistic analysis of engineered trichodiene synthase enzymes from *Trichoderma harzianum*: towards higher catalytic activities empowering sustainable agriculture. *Journal of Biomolecular Structure and Dynamics*, 34(6), 1176-1189. **Thomson Reuter Impact factor= 2.91**
2. Chaudhary, N., Kumari, I., Sandhu, P., Ahmed, M., & Akhter, Y. (2016). Proteome scale census of major facilitator superfamily transporters in *Trichoderma reesei* using protein sequence and structure based classification enhanced ranking. *Gene*, 585(1), 166-176.
Thomson Reuter Impact factor= 2.14
3. Chaudhary, N., Sandhu, P., Ahmed, M., & Akhter, Y. (2017). Structural basis of transport function in major facilitator superfamily protein from *Trichoderma harzianum*. *International journal of biological macromolecules*, 95, 1091-1100.
Thomson Reuter Impact factor= 3.2

Conference/Seminars/Workshops Attended:

1. Participated in national conference on “**Implications of Climate on Himalayan Environment ICHE-14**” organized by School of Earth and Environmental Sciences, Central University of Himachal Pradesh on 20-21 March 2014.

2. Attended a **“5-Days Training on ERDAS & GeoMedia- Remote Sensing & GIS Software’** conducted by SCIENCE, Dehradun in collaboration with Integraph at Central University of Himachal Pradesh from 24th Feb.2014 to 28th Feb, 2014.
3. Attended **“Users’ Awareness Workshop for Access to E-Resources”** organized by the Department of Library and Information Science, Central University of Himachal Pradesh & INFLIBNET,Ahmedabad on 12thSept 2014.
4. Participated in one day National Seminar on **“Electricity Conservation, Safety Measures and Consumer Rights Awareness in context to domestic users of Himachal Pradesh”** organized by Govt. College of Sarkaghat, District Mandi, Himachal Pradesh and H.P. State Electricity Board on 11th December 2021.
5. Presented research paper entitled **“ Role of Microorganisms in Degradation of Microplastics: A Review”** in National Seminar on **‘Impact of Science and technology on Society’** organized by Dept. of Zoology, NSCBM Govt. College Hamirpur (H.P.) and Indian Science Congress Association, Shimla Chapter on 25th -26th March, 2023.
6. Organized (Joint Secretary) a National Seminar on **“Impact of Science and technology on Society”** in collaboration with Indian Science Congress Association, Shimla Chapter on 25th -26th March, 2023.

Faculty Development Programmes/In-service Teacher training Programmes attended:

1. Attended two-week Induction Teacher Training Programme organized by GCTE Dharamshala.
2. Attended four-week Orientation Programme organized by Teaching Learning Centre, Ramanujan College University of Delhi.
3. Attended one week Faculty Development Programme on **“Data Analysis Using R”** organized by Teaching Learning Centre, Ramanujan College University of Delhi