NAME: Dr Tanvi Kapoor
DESIGNATION: Assistant Professor

EDUCATION:

- PhD Environmental Science, Dr YS Parmar University of Horticulture & Forestry, Nauni, Solan (HP)
- M.Sc Environmental Science, CSK Himachal Pradesh Krishi Vishvavidyalay, Palampur.
- B.Sc Medical, Himachal Pradesh University, Shimla

SPECIALISATION

- APTI and API Indexing of plant species for avenue plantation on roads and parks
- Rooftop Solar Energy Potential assessment using RS and GIS software (ArcGIS)
- Crop Yield forecast and stress modelling using CROPWAT Simulation software

PROFESSIONAL EXPERIENCE:

S.No	Institute/Organisation	Position	Date of Joining	Till Date
1.	Department of Science & Technology, GoI, New Delhi (YSPUHF,Nauni)	Junior Research Fellow	07.01.2013	25.02.2016
2.	ICAR CPRI, Shimla	Senior Research Fellow	26.02.2016	05.10.2016
3.	YSP UHF, Nauni	Research Associate	06.10.2016	31.12.2019
4.	YSP UHF, Nauni	Teaching Assistant	23.01.2020	19.07.2020
5.	YSP UHF, Nauni	Senior Program Coordinator	03.05.2021	31.03.2023
6.	Department of Higher Education	Assistant Professor	03.04.2023	Till date

AWARDS

1. University merit honor certificate in MSc and PhD.

2. University merit scholarship during MSc.

3. Inspire fellowship for PhD by Department of Science and Technology, Government of India.

4. Cleared ICAR NET in 2014 in Environmental Science.

5. Best Oral Presentation award in an International conference organised by the Indian Ecological Society in collaboration with SKAUST Jammu.

PUBLICATIONS

1. **Dua V K, Pathania R, Kapoor Tanvi, Sharma J and Rana A.2018.Climate change and potato productivity in Madhya Pradesh- Impact and Adaptation. Journal of Agrometereology.**
2. **Chand H, Verma S C, Kapoor Tanvi and Bhardwaj SK.2018Assessment of apple crop vulnerability to climate change in Himachal Pradesh, India. Journal of Agrometerology.**
3. **Kapoor T, Chauhan RC and Chand HC. 2017.Effect of different nutrient management practices on Soil Microbial Properties in the Sub Humid Agro ecological Zone. International Journal of Current Microbiology and Applied Science.**
4. **Dua VK, Kapoor Tanvi, Pathania Radhika and Chauhan Shalini. 2021. Forecasting the impacts of climate change on potato (Solanumtuberosum) productivity in Gujarat and realtive adaptation strategies. Indian Journal of Agronomy**
5. **Kapoor T and Bhardwaj SK. 2016.Assessment of Air Pollution Tolerance Index of plants Growing alongside the National Highway (21) of Himachal Pradesh in India. The Ecoscan**
6. **Malik S S, Chauhan R C, Laura J S, Kapoor Tanvi, Abhilashi R and Sharma N. 2014. Influence of organic and synthetic fertilizers on soil physical properties**
7. **Kapoor T, Chauhan RC and Chand RC. 2015. Impacts of Different Management Practices on Physico-Chemical Properties of Soil in Mid-Hill, Sub-Humid Zone-II of Himachal Pradesh. Current World Environment**
8. **Dua V K, Pathania R, Kapoor Tanvi, Sharma J, Sharma S K, Rawat S, Singh B P and Chakrabarti S K. 2018. Calibrations and validation of WOFOST model for seven Potato cultivars in India. Indian J. of Agronomy**
9. **Bhardwaj S K, Aggarwal R K and Kapoor Tanvi. 2018. Energy consumption pattern in different Agro-Climatic zones in Rural Habitations of Western Himalayan Region, India. Current World Environment**
10. **Kapoor Tanvi, Bhardwaj S K, Sharma S S, Mahajan P K and Gupta N K. 2016. Anticipated performance index of plant species growing alongside the National Highway 21 of Himachal Pradesh, India. Indian Journal of Ecology**
11. **Chand H, Verma K S and Kapoor Tanvi.2016. Environmental Impact Assessment of Kol-Dam Hydropower Project – A Case Study from Himachal Pradesh, India. Current World Environment**

Book Chapter

Dua V K, Kapoor Tanvi, Pathania R and Chakrobarti S K.2017. Climate Change management strategies in potato production. Doubling farmer's Income through Horticulture

Book Published

1. "An Introduction to Environmental Science" for Under Graduate classes (BSc, BA,BCom, BBA, BVOC, BCA) Course code ENVS2AECC2 in Hindi and English medium with Dixit Publication.

COURSES AND TRAININGS COMPLETED:

1. **National training workshop on Fauna of Hotspots-2: Western Himalayas, Organized by Zoological Survey of India**
2. **Training on use of remote sensing and GIS linking with crop simulation model for crop yield forecast organized at Dept. of Agril. Meteorology, CCS HAU Hisar**
3. **Training on R software and processing of IMD's gridded weather data and its application in climate risk assessment and agriculture planning , organized by Dept of Environmental Science, organized in Dept. of Environmental Science, COF, Dr. YSP, UHF, Nauni in collaboration with Agromet Division, IMD, New Delhi.**
4. **Training on "EIA-An emerging tool for Environment conservation and sustainable development", organized in Dept. of Environmental Science, COF, Dr. YSP, UHF, Nauni**
5. **Online inter disciplinary refresher course in "Managing Online classes and Cocreating MOOCS" from 7th -21st January, 2024.**
6. **UGC sponsored Faculty Induction Programme (Gurudakshita) organised by UGC Malaviya Mission Teacher Training Centre, University of Jammu from 9.12.2024 to 4.01.2025**