

## Dr Manica Tomar

Senior Plant Pathologist

Specialization: Mycology and Plant Pathology, Fruit, Ornamental and Forest Pathology

Contact No.: + 91 1792-252140 (O)

Cell: 8219970255

Email: [manicatomar22@gmail.com](mailto:manicatomar22@gmail.com) , [manicampp@yspuniversity.ac.in](mailto:manicampp@yspuniversity.ac.in)



## Ongoing Research Projects

- Skill development of ornamental nursery, pot production, bonsai making for sustainable livelihood to the farmers of Solan district funded by NABARD for ₹ 11 Lakhs from April 2022 to March 2024 (Co-PI).

## Important Research Publications

- **Tomar M**, Chauhan A, Jandaik S. and Thakur, M 2021. Potential of Consortium of Native Microbiota Against Damping-off of *Cedrus deodara* Seedlings in North-Western Himalayan Region of India. *Plant Pathology Journal* **21** (1):24-32
- **Tomar M** and Thakur R. 2020. First report of binucleate Rhizoctonia AG-E causing root rot of *Cedrus deodara* (Roxb.) G. Don in India. *Indian Phytopathology* **73** 4:813-815
- Sharma V, Thakur M, **Tomar M**. 2020. *In vitro* selection of gamma irradiated shoots of ginger (*Zingiber officinale* Rosc.) against *Fusarium oxysporum* f. sp. *zingiberi* and molecular analysis of the resistant plants. *Plant Cell, Tissue and Organ Culture (PCTOC)* **143** (2): 319-330
- Katwal VS, Handa Anil, Thakur PD, **Tomar M**. 2016. Prevalence and Serological Detection of Apple Viruses in Himachal Pradesh. *Plant Pathology Journal* **10**:345-347
- Santosh W, Raigond B., Thakur PD, Handa A, Pramanick KK, Sharma YP and **Tomar M**. 2012. Molecular Detection of Latent *Apple chlorotic leaf spot virus* in Elite Mother Plants of Apple. *Indian Journal of Virology*. Dec **23**(3): 359–363.
- Dhir S, **Tomar M**, Thakur PD, Ram R, Hallan V and Zaidi AA. 2009. Molecular evidence for *Apple stems pitting virus* infection in India. *Plant Pathology* **5**: 234-235
- Dhir S, **Tomar M**, Thakur PD, Ram R, Hallan V, Zaidi AA. 2009. Apple stem pitting virus diagnosis on apple in India. 2009. S. *Indian Journal of Virology* **20** (1), 45-45
- **Tomar M**, Sharma R C, Chandel S. 2008. Percolative ability of fungicides and their evaluation against *Fusarium* root of *Acacia catechu*. *Indian Journal of Agriculture Sciences* **78**:604-608
- Chandel S and **Tomar M**. 2008. Effectiveness of biocontrol agents and neem formulations against *Fusarium* wilt of carnation. *Indian Phytopathology* **61**(2): 152-154.
- Chandel S and **Tomar M**. 2008. Effectiveness of biocontrol agents and neem formulations against *Fusarium* wilt of carnation. *Indian Phytopathology* **61**(2): 152-154.

## Books and manuals

Practical manual of Forest Pathology by Sunita Chandel, Manica Tomar and I. M. Sharma. Directorate of Extension Education, YSPUHF, Nauni Solan H.P.

## Awards & Recognitions

- University Merit Fellowship in B.Sc, M.Sc

- Uma Dutt Mamgain Best thesis award for my M.sc student Ms Rajneesh Thakur for the year 2021
- Appointed as an expert in the statutory committee formed by H.E The Governor of H.P. to develop a mobile application “Himudayan” to facilitate the farmers of Himachal Pradesh in June 2018
- Appointed Nodal officer of “Mera Gaon Mera Gaurav”, a prestigious scheme of GOI