

Dr Tanuja Banshtu

Assistant Professor

Specialization: Toxicology

Contact: +91 1792 252240 (O)

Mobile:9418046314 (M)

E.mail: twinkle_banshtu5@yahoo.in



Ongoing Research Projects

- All India Co-Ordinated Research Project on Project on Pesticide Residue funded by ICAR for ₹ 60 lakhs/annum (Co-PI: Dr Tanuja Banshtu).

Important Research Publications

- Indra Kumar Kasi, Mohinder Singh, Tanuja Banshtu, Rakesh Kumar Daroch, Waseem MA, Monika S, Kanchhi Maya Waiba, Sawraj Jit Singh, Sapna Devi and Preeti Kaundil. 2022. Biological control potential of entomopathogenic nematodes against invasive pests FAW *Spodoptera frugiperda* (J.E. Smith) (Lepidoptera: Noctuidae) and TLM *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae). *Journal of Integrative Agriculture* **21**(4).
- Bhasham Dev, Subhash Chander Verma, Prem Lal Sharma, Rajeshwar Singh Chandel, Mahesh Balaso Gaikwad, Tanuja Banshtu and Priyanka Sharma. 2021. Evaluation of *Metarhizium rileyi* Farlow (Samson) impregnated with azadirachtin and indoxacarb against *Helicoverpa armigera* (Hubner). *Egyptian Journal of Biological Pest Control* **31**:142 <https://doi.org/10.1186/s41938-021-00487-2>.
- D Kumari, SC Verma, PL Sharma, Tanuja Banshtu and Nidhi. 2021. Biology and foraging behaviour of *Oenopiakirbyi* Mulsant (Coleoptera: Coccinellidae) on melon aphid, *Aphis gossypii* Glover. *Journal of Entomology and Zoology Studies* **9**(1):1444-1448.
- Tanuja Banshtu and N S Kaith. 2020. Field efficacy of insecticide, biopesticide and pheromone trap against pea pod borer in District Shimla. *Journal of Entomology and Zoology Studies* **8**(5):100-102.
- Sarswati Negi, ID Sharma, Tanuja Banshtu and RS Chandel. 2018. Persistence of acephate and methamidophos in/on okra (*Abelmoschus esculentus* L.). *Journal of Entomology and Zoology Studies* **6**(3): 1221-1223.
- Tanuja Banshtu and Surender Kumar Patyal. 2018. Decontamination processing of chlorpyrifos and cypermethrin residues in cauliflower. *International Journal of Current Microbiology and Applied Sciences* **7**(5):859-868.
- Tanuja Banshtu, Surender Kumar Patyal and Sarswati Negi. 2018. Effect of processing on profenofos and chlorpyrifos residues in cauliflower curds. *International Journal of Current Microbiology and Applied Sciences* **7**(10):2610-2619.

- Tanuja Banshtu and Surender Kumar Patyal. 2017. Persistence of premix profenofos and cypermethrin in cauliflower. *Indian Journal of Entomology* **79**(4):400-405.
- Katna Sapna, Patyal Surender Kumar, Dubey Jitender Kumar, Banshtu Tanuja, Chauhan Avinash, Devi Nisha and Sharma Ajay. 2017. Dissipation and risk assessment of combi product of mancozeb and carbendazim on apple at different locations in North India. *Pesticide Research Journal* **29**(1): 48-54.
- Tanuja Banshtu and Surender Kumar Patyal. 2017. Dissipation of premix chlorpyrifos and cypermethrin in cauliflower grown under mid hill conditions of Himachal Pradesh. *Indian Journal of Ecology* **44**(1):7-11.

Awards & Recognitions

- Received **Young Entomologist Award-2021** in “5th International Conference on Advances in Agriculture, Environmental and Biosciences for Sustainable Development (AAEBSSD)” w.e.f. 05-07 August, 2021 organized by Agro Environmental Development Society (AEDS), Majhra Ghat, Rampur, U.P, India.
- Tanuja Banshtu presented the paper ‘Evaluation of eco-friendly pesticides against insect-pests of cabbage under mid hills of Himachal Pradesh’ the paper was awarded the **third prize** in the International Conference on Advances in Agriculture, Environmental and Biosciences for Sustainable Development (AAEBSSD) w.e.f. 05-07 August, 2021 organized by Agro Environmental Development Society (AEDS), Majhra Ghat, Rampur, U.P, India.