

Name of Faculty Member: Dr. Hareesh Shiralli

Department: Entomology

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Designation : Assistant Professor of Entomology

Education : Ph. D. In Agricultural Entomology

Specialization : Apiculture with special reference to Bee toxicology and Biological Control of Insect Pests

Research : Toxicological effects of insecticides to Indian honeybee, *Apis cerana indica* Fabricius with special reference to neonicotinoids and Evaluation of native strains of *Bacillus thuringiensis* (Berliner) isolates against different insect orders and characterization of responsible *Cry* genes

Dr. Hareesh Shiralli is an Assistant Professor of Entomology at the College of Agriculture, Kaveri University. He earned his PhD from the University of Agricultural Sciences, Dharwad, Karnataka. He completed his B.Sc. (Hons.) in Agriculture from the College of Sericulture, Chinthamani, under UAS, GKVK, Bengaluru, and pursued his M.Sc. (Agri.) in Agricultural Entomology from the University of Agricultural Sciences, Raichur.

He initially served as a Senior Research Fellow at the College of Agriculture, UAHS, Shivamogga, working on a BASF Chemicals project focused on managing fall armyworm (Bio-efficacy of BAS 01 1 150 SC and Chlorfenpyr 10 SC against major pests in chilli, chickpea, and cabbage). He later worked as a Senior Research Fellow at AICRIP on Rice, ARS, Gangavathi, contributing to an ad-hoc project on evaluating the bio-efficacy and phytotoxicity of new molecules against lepidopteran pests of paddy and chilli.

In addition, he gained undergraduate teaching experience as a Teaching Associate at the College of Agriculture, Palem, PJTSAU, Hyderabad, where he handled courses such as Fundamentals of Entomology (ENTO-131) and Management of Beneficial Insects (ENTO-332).

1. Research Articles Published

- Hareesh Shiralli, Basavaraj Kalmath, Prabhuraj A, Arunkumar Hosmani and Ayyanagouda Patil 2020, *In vitro* evaluation of native *Bacillus thuringiensis* (berliner) isolates against *Spodoptera litura* (fabricius). *Journal of Entomology and Zoology Studies*, 8(6):2105-2110.

- Hareesh Shiralli, Basavaraj Kalmath, Ayyanagouda Patil, Prabhuraj Aralimarad and Arunkumar Hosmani, 2024, *In vitro* evaluation of native *bacillus thuringiensis* (berliner) isolates against different insects. *Indian Journal of Entomology*, Pp. 1-7.
- Sujay Hurali, G. S. Guruprasad, P. R. Badari Prasad, S. B. Gowdar, K. Mahantashivayogayya, Basavanjali, Hareesh Shiralli, B. G. Masthanareddy, D. Pramesh and Vinoda, 2022, Comparative efficacy of new combi-insecticide against rice brown planthopper (*Nilaparvata lugens* Stal) under field conditions. *Journal of Experimental Zoology, India*, 25(1): 345-349.
- Sujay Hurali^{1*}, G. S. Guruprasad, P. R. Badari Prasad, S. B. Gowdar, K. Mahantashivayogayya, Hareesh Shiralli, Basavanjali, B. G. Masthanareddy, Honnayya Inamdar and Vinoda, 2022, Bio-efficacy of novaluron 5.25% + emamectin benzoate 0.9% SC on yellow stem borer of paddy and its effect on natural enemies. *Journal of Experimental Zoology, India*, 25(1): 365-369.
- P. R. Badari Prasad, Sujay Hurali, Mansoor, Basavanjali, Nadirla Vamshikrishna, Hareesh Shiralli and D. Shreedhara, 2022, Evaluation of bio-efficacy and phytotoxicity of new molecule thiocyclam hydrogen oxalate 3% + clothianidin 1.2% GR against major pests of paddy. *Journal of Experimental Zoology, India*, 25(1): 393-400.
- Sujay Hurali¹, P. R. Badari Prasad, Basavanjali, Hareesh Shiralli, Honnayya, S. B. Gowdar, K. Mahantashivayogayya and B. G. Masthanareddy, 2023, Evaluation of efficacy of new combi insecticides against lepidopteran pests of rice and its impact on natural enemies. *Journal of Experimental Zoology, India*, 25(1): 393-400.
- Kirankumar R, Sujay Hurali, Vijayachandra Reddy S, Basavanjali, Hareesh Shiralli and Honnayya, 2022, Efficacy of novel meta-diamide molecule on yellow stem borer on rice and its impact on natural enemies in TBP command area of Karnataka state. *The Pharma Innovation*, 11 (9): 675-679.
- Hareesh Shiralli, Guruprasad G. S, Subhash Kandkoo S. Md. Akbar, Jones Nirmalnath, Udikeri S. S, Rayar S. G., 2025, lethal toxicity of neonicotinoid insecticides to Indian honeybee, *Apis cerana indica* F. 23(4): 6557-6574.

2. Book chapters

- Saleemali Kannihalli, Sheela N and Hareesh Shiralli, 2024, Unraveling Nature's Arsenal: How Venom Proteins of Endoparasitoid Wasps Influence Host-Parasite Relationships. *Current research in Agricultural Entomology*, 9:1-32.

- Sachin M. S., Sindhu P. M., Hareesh M. C. and Hareesh Shiralli, 2023, Entomophagy: Insects as Sustainable Food Sources. *Entomology Chronicles: A Collaborative Insight*, 2(1): 1-12.

3. Popular articles

- Shashank D.U, Sujith K.M, Hareesh Shiralli and Sandeep K, 2024, Honeydew: A Sweet Treat Turning Toxic for Beneficial Insects in Agroecosystems, *Biotica Research Today*, 6(7):379-382.
- Saleemali Kannihalli, Shashank D U and Hareesh Shiralli, 2024, transforming trash into treasure: seri waste to seri wealth. *Krishi Science*, 5(3): 84-88.
- Saleemali Kannihalli, Hareesh Shiralli and Dharshan B. S, 2024, lac cultivation: nurturing resinous wealth. *Agri India Today*, 4(2): 53-54.