

## Dr Budhi Ram Scientist

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### Ongoing Research Projects

- Promotion and conservation of *Apis cerana* in the potential pockets of Kinnaur district of Himachal Pradesh funded by NABARD for Rs 15.64 Lakhs from 2023 to 2024 (Principal Investigator).
- Identification of potential pockets and scientific intervention for high altitude honey production in Himachal Pradesh by NBB for Rs 18.50 Lakhs (Co-PI).
- Honey and other hive products production model for sustainable high-hill beekeeping in Himachal Pradesh funded by NBB for Rs 3.50 Crores (Co-PI).
- Himachal Pradesh Horticulture Developmental Project component-D of Managed bee pollination funded by Govt. of Himachal Pradesh (Co-PI).
- Outscaling of Natural Farming Project through KVKs Funded by ICAR for Rs 10.65 Lakhs (Co-PI)

### Best Research Papers

- Kaundal P, Thakur RK, Ram B, Chauhan S, Singh S, Komal S and Devi R. 2022. A review: important mites pests associated with horticultural crops. *The Pharma Innovation Journal* SP-11(9): 336-339.
- Ram B, Sharma HK, Thakur M and P Hema. 2021. Lethal and sublethal effects of thiamethoxam, a neonicotinoid molecule, on colony performance of *A. mellifera*. *Environmental Science and Pollution Research* <https://doi.org/10.1007/s11356-021-16426-5>.
- Ram B, Sharma KC, Chandel VGS and Devi N. 2017. Variations in Developmental Biology and Morphometrics of Diamondback Moth, *Plutellaxylostella* (Lepidoptera: Yponomeutidae) Collected From Different Geographic Areas of North India. *Environment and Ecology* 35(2A):829-833.
- Devi N, Gupta PR and Ram B. 2017. Distribution and seasonal activity of anthocorid bugs (Hemiptera: Anthocoridae) in sub-temperate zone of Himachal Pradesh (India). *Research Journal of Chemical and Environmental Sciences* 5(4):1-8.
- Devi M., Sharma HK., Thakur RK., Bhardwaj SK., Rana K., Thakur M and Budhi Ram. 2017. Diversity of insect pollinators in reference to seed set of mustard. *International Journal of Current Microbiology and Applied Sciences* 6(7): 2131-2144.
- Lal M, Ram B and Tiwari P. 2017. Botanicals to Cope Stored Grain Insect Pests: A Review. *International Journal of Current Microbiology and Applied Science* 6(6): 1583- 1594.
- Ram B, Sharma HK, Dubey JK, Sharma KC and Patiyal SK. 2017. Evaluation of acute contact toxicity of imidacloprid to *Apis mellifera* under laboratory conditions. *Journal of Pharmacognosy and Phytochemistry* SP 1: 984-986.
- Ram B, Sharma KC, Devi N and Chandel VGS. 2016. Studies on intra-specific variations in the diamondback moth, *Plutella xylostella* (Lepidoptera: Yponomeutidae) under different geographical regions. *Journal of Applied and Natural Science* 8(3):1629-1633.

## **Awards & Recognitions**

- National Fellowship for Higher Education (NFHE) 2015-2016 by University Grant Commission New Delhi.
- Young Scientist Award during International Conference on Food and Agriculture 2018 held at Dhanbad, India.
- Best Oral Presentation Award during the National Conference on Promoting and Reinvigorating Agri-Horti, Technological Innovations, PRAGATI- 2017 hosted by PPD at Sambodhi Retreat, Dhanbad, Jharkhand.