

Personal Details



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Scientist (Agricultural Entomology)

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Research Interest

Integrated Pest Management, Insect Taxonomy, Insect ecology, Pest modeling.

Research Highlights

Memberships /Award/ Fellowships

1. Edita David Memorial Award by Applied Zoologists Research Organization (AZRA), Bhubaneswar in 2018
2. Life member, Society for Advancement of Science and Rural Development

Technology Developed

Publication Details

1. **Padala, V. K.** and Sreedevi, K. 2017. Intraspecific variation studies among different geographical populations of *Holotrichiaserrata* (Fabricius). *Trends in Biosciences*, **10**(32): 6872-6875.
2. **Padala, V. K.**, Sreedevi, K. and Singh, S. 2017. Diagnostics of major white grub species associated with potato crop ecosystem in Himachal Pradesh, India, *International journal of current microbiology and applied sciences*, **6**(9): 2545-2555.
3. **Padala, V. K.**, Sreedevi, K. and Singh, S. 2017. Notes on major white grub species associated with groundnut crop ecosystem in Rajasthan, Andhra Pradesh, India. *Journal of Entomology and Zoology Studies*, **5**(5): 607-613.
4. **Padala, V. K.** and Sreedevi, K. 2016. New record of scarab species, *Adoretustestaceus* (Hope) (Coleoptera: Scarabaeidae: Rutelinae) from Rajasthan, India. *Current Biotica*, **10**(3): 208-213.
5. Srinivasa, N., SubhashChander and **Padala, V. K.** 2021. Evaluation of the effect of

elevated CO₂ on bioefficacy of Buprofezin insecticide against brown plant hopper, *Nilaparvatalugens (stal)*. *Journal of Experimental Biology and Agricultural Sciences*, **9**(1):5-11.

6. Singh, S., Sreedevi, K. and **Padala, V. K.** 2017. Diagnostics of some Indian species of Maladera. *Indian Journal of Entomology*, **80**(2): 511- 514.

Review articles:

1. **Padala, V. K.**, Rajashekhar, M., Ramya. N., Saini, V. and Shahanaz. 2017. Entomophagy:A viable opportunity for food security. *International journal of current microbiology and applied sciences*, **6**(10): 1135-1143.
2. **Padala, V. K.**, Ramya N. and Srinivasa N. 2017. Insects and Insect Derived Products as Future Drives of Medicine. *Trends in Biosciences*,**10**(33),7035-7038.
3. Manoj Kumar, **Padala, V.K.**, Ramya N., ArdhenduChakraborty and Joy Kumar Dey. 2021. Plant Health Issues in Fox Nut/ Makhana (*Euryale ferox*): An Agronomic Perspective. *Journal of Plant Health Issues*,**2**(1):030-035.
4. Ramya, N., **Padala, V. K.**, Keerthi, M. C., Srinivasa, N. and Ramesh, K. B.2017. Aggressive mimicry: A potential tool of Predators. *Journal of Pharmacognosy and Phytochemistry*,**6**(5): 1305-1307.
5. Rajashekhar, M, Rajashekar, B., Sathyanarayana, E., Keerthi, M. C., **Padala, V. K.**, Ramakrishna, K., Vanisree, Neelima., Madhuri.G and Shaila, O. 2021. Microbial Pesticidesfor Insect Pest Management: Success and Risk Analysis, *International Journal of Environment and Climate Change*, **11**(4): 18-32.

Book chapter:

1. **Padala, V. K.**, Niranjan Kumar., SrinivasaRao, M., Rao, R.V.S. and SrinivasaRao, Ch. 2020. Impact of Climate Change on Pests and their Management Options with Emphasis on Identification of adaptation strategies. In: Ch. Srinivasarao et al., (Eds). *Climate Change and Indian Agriculture:Challenges and Adaptation Strategies*, ICAR-National Academy of Agricultural Research Management, Hyderabad, Telangana, India. pp-295-315.