

**Dr Pankaj Sood**

Pr. Extension Specialist (Entomology)

CSK HPKV, Krishi Vigyan Kendra, Mandi at Sundernagar -175019

pankajlp@rediffmail.com

9418222532

Field of Specialization and Research interest: Entomology (Insect Symbiosis, Molecular taxonomy, Tephritid management, )

Educational Qualification : **Ph. D. (Entomology)**

Employment Record along with Professional Experience (in years)

SRF/RA wef 23.07.1995 to 06.09.1996 at YSP UHF Solan

Assistant Professor & Co PI AICRP Rodent Control in Dept of Entomology, at YSP UHF Solan wef 06.09.1997 to 30.04.2001

Assistant Entomologist at MAREC Sangla/ Department of Entomology, CSK HPKV wef 01.05.2001 to 06.09.2006

Entomologist in Department of Entomology, CSK HPKV/ RSS Sundernagar/ KVK Mandi wef 07.09.2006 to 06.09.2012

Pr. Extension Specialist at RSS Sundernagar/ KVK Mandi wef. 07.09.2012 till date

R& D experience: 25 years

Research Projects handled

AS PI 7

AS Co-PI : 12

Research Publications

Top publications published in Journals: **92**

1. Choudhary, AK., **Sood, P.**, Rahi, S., Yadav, DS., et al. 2022. Rice productivity, Zn bio-fortification, and nutrient use efficiency as influenced by Zn fertilization under conventional transplanted rice and system of rice intensification. *Frontiers in Environmental Science*.  
<https://doi.org/10.3389/fenvs.2022.869194> (NASS rating: 10.58)
2. Choudhary, AK., Yadav, DS., **Sood, P.**, Rahi, S., Arya, K., et al. 2021. Post-emergence herbicides for effective weed management, enhanced wheat productivity, profitability and quality in North-Western Himalayas: A participatory-mode technology development and dissemination. *Sustainability* 2021, 13, 5425.  
<https://doi.org/10.3390/su13105425>. (NASS rating: 8.58)
3. **Sood P.**, Mehta, P.K. and Prabhakar, C.S. 2015. Effect of UV protectants on the efficacy of *Pieris brassicae* granulosis virus. *Biological Agriculture and Horticulture* 29(2): 69-81  
(<http://dx.doi.org/10.1080/01448765.2013.763449>)

	<p>(NASS rating: 7.36)</p> <p>4. <b>Sood, P.</b>, Choudhary, A., Prabhakar, C. S. and Mehta, P. K. 2015. Effect of feeding stimulants on the insecticidal properties of <i>Pieris brassicae</i> granulovirus (PbGV) against <i>Pieris brassicae</i> (Linnaeus). <i>Phytoparasitica</i> 41(4): 483-490. (NASS rating: 7.44)</p> <p>5. Yadav, D.S., Chahal, V.P., Singh, U., Kumar, A. and <b>Sood, P.</b> 2016. Constraints encountered by farm women in vegetable farming in Mandi district of Himachal Pradesh. <i>Indian Journal of Agricultural Sciences</i> 86 (2): 273–176. (NASS rating 6.37)</p>
Books published	05
Books Chapters	16
Manual	03
Conference/Seminar/Symposium Papers	75
Extension activity including Popular articles/pamphlets/leaflets	68
Students Guided	PG - 2
	Ph. D - Nil
Awards/Fellowships	<ul style="list-style-type: none"> <li>• Nominated to the Board of Governors, Indian Institute of Science Education &amp; Research (IISER) Tirupati by the Ministry of Human Resource Development, GOI New Delhi</li> <li>• Acted as Chairman of Technical Session “Advances &amp; Development in Plant Protection” in National Seminar on ‘Recent Advances in Agriculture for sustainable Rural Development (RAASRD)- 2019 by VKS COA Dumraon (Buxar), BAU Sabour wef March 15-17, 2019</li> <li>• Nominated as member of Selection Committee as Visitor’s Nominee to IGNOU New Delhi for selection of Professors &amp; Associate Professors by the Ministry of Human Resource Development, GOI New Delhi</li> <li>• Pt. Deen Dayal Upadhyay Krishi Vigyan Protsahan Puruskar, Zone 1 (ICAR) 2017</li> <li>• State Innovation Award Agriculture and Horticulture Sector, State Innovative Council, Govt of Himachal Pradesh 2015</li> <li>• Best KVK Award Zonal, Zone 1 (ICAR) 2012</li> <li>• Vice Chancellor’s Appreciation Certificate 2015</li> </ul>

	<ul style="list-style-type: none"> <li>• Appreciation Certificates from Director ATARI, Zone 1 Ludhiana</li> <li>• Best Publication Award 2014 for “Population genetic structure of the pumpkin fruit fly, <i>Bactrocera tau</i> (Walker) (Diptera: Tephritidae) in Himachal Pradesh, India published in Biochemical Systematics and Ecology 51:291-296 by Society for Advancement of Human and Nature (SADHNA), Solan.</li> <li>• Merit Scholarship during BSc. (Agri), MSc. (Agri) and Ph.D. (Entomology)</li> <li>• University Gold medal (Ph.D.)</li> <li>• HP Board Merit Scholarship in 8<sup>th</sup> and 10<sup>th</sup> standard</li> <li>• First prize for the paper “Reproductive biology and management of rajmash leaf weevil under temperate conditions of H.P.” presented in International Conference on Future Challenges and Options for Sustainable development of the Himalayas-beyond 2002, held at CSKHPKV, Palampur October 1-4, 2002.</li> <li>• Best paper award for the paper entitled “Effect of phagostimulants and UV protectants on the efficacy of granulosis virus against <i>P. brassicae</i>” presented in ‘National conference on Plant Protection in agriculture through Ecofriendly techniques and traditional farming practices’ organized by ARS Durgapura (SKRAU- Udaipur), Durgapura (Jaipur), February 18-20, 2010.</li> <li>• Best paper award for the paper entitled “Efficacy of some biopesticides and safer insecticides for the management of insect pests of <i>kharif</i> rajmash, <i>Phaseolus vulgaris</i> L. under dry temperate conditions of north-western Himalayas” presented in ‘National symposium on Plant Protection in agriculture through Eco friendly techniques and traditional farming practices’ organized by Society for pest management and economic zoology &amp; YSPUHF, Solan, , November 19-21, 2010.</li> <li>• Best paper (second) award for the paper entitled “Protected cultivation of vegetables in Mandi district of Himachal Pradesh” (Co author, Choudhary A.K. <i>et al.</i>) presented in ‘National seminar on Indian Agriculture: Present situation, challenges, remedies and road map’ organized by Youth for Sustainable Development &amp; CSK HP agriculture University, Palampur (HP), August 4-5,</li> </ul>
--	---

	<p>2012.</p> <ul style="list-style-type: none"> <li>• Best paper (poster) award for the paper entitled “Off season cabbage cultivation: A promising enterprise in high hills of north western Himalayas” (CO author, Rahi S. <i>et al.</i>) in International Conference on Extension Education in the Perspectives of Advances in Natural resource Management in Agriculture (NaRMA- IV)” held w.e.f December 19-21, 2012 at SK Rajasthan Agricultural University Bikaner, Rajasthan (India).</li> <li>• Best paper (poster) award for the paper entitled “Off season cabbage cultivation: A promising enterprise in high hills of north western Himalayas” (CO author, Rahi S. <i>et al.</i>) in International Conference on Extension Education in the Perspectives of Advances in Natural resource Management in Agriculture (NaRMA- IV)” held w.e.f December 19-21, 2012 at SK Rajasthan Agricultural University Bikaner, Rajasthan (India).</li> <li>• Best poster presentation award (3<sup>rd</sup> prize) for the paper entitled “Entrepreneurial behaviour and constraints encountered by farm women entrepreneurs in vegetable farming” in Global Social Science Conference held w.e.f. February 14-17, 2015 at OUAT Bhubneshwar</li> </ul>
International exposure/ Visits Abroad	N.A.
Miscellaneous achievements/activities	<ul style="list-style-type: none"> <li>• Coordinating, planning and executing extension activities through multidisciplinary team of scientists in district Mandi</li> <li>• Effective implementation of extension activities in close coordination with line departments and other developmental agencies</li> <li>• Conduct of Adaptive research, on farm trials, front line demonstrations</li> <li>• Organization of specialized and vocational trainings, farmers fairs, exhibitions and other extension activities for extension functionaries, master trainers and farmers of the district</li> <li>• Planning, formulation and execution of Adhoc research projects</li> <li>• Guiding M.Sc. students as chairman and Ph.D. student / M.Sc. students as member advisory committee</li> <li>• Farm advisory and consultancy services on IPM</li> </ul>