

Name	Dr. R.K.Gupta
Designation	Professor (Head Division of Sericulture)
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Professional experience	20 years
Awards/Honours/Scholarships/Fellowships	<ul style="list-style-type: none"> • Awarded MASHAV international Fellowship by Govt. of Israel in 2007 • Awarded International Fellowship by Belgium Govt. in 2009 • Elected Fellow of Entomological Society of India • Selected as member, International organization of biological control (IOBC) working group on (mass production and quality control) • Selected as member, ISPI International Society for Pest Information
Area of specialization	Biological control, IPM
Research interests	<ul style="list-style-type: none"> ➤ Cataloguing, conservation, utilization and of insect biodiversity ➤ Bio-prospecting predators, parasitoids and insect microbes as potent bio-pesticides ➤ Climate change and beneficial insects
Total number of publications (referred journals)	33
Selected publications (best five)	<p>Gupta, R. K., Gani, M., Kaul, V., Bhagat, R. M., Bali, K., and Samnotra, R. K. 2016. Field evaluation of <i>Lymantriaobfuscata</i> multiple nucleopolyhedrovirus for the management of Indian gypsy moth in Jammu & Kashmir, India. <i>Crop Protection</i>, 80, 149-158.</p> <p>Gupta, R. K., Gani, M., Jasrotia, P. and Srivastava, K. 2013. Development of the predator <i>Eocantheconafurcellata</i> on different proportions of nucleopolyhedrovirus infected <i>Spodopteralitura</i> larvae and potential for predator dissemination of virus in the field. <i>Biocontrol</i>, 58(4): 543-552. DOI 10.1007/s10526-013-9515-1</p> <p>Gupta, R. K., Gani, M., Jasrotia, P. and Kaul, V. 2014. A comparison of virulence and field infectivity between polyhedra of <i>Spodopteralitura</i> multiple Nucleopolyhedrovirus before and after passage through the gut of <i>Eocantheconafurcellata</i>. <i>Journal of Insect Science</i>, 14 (96): 1-8.</p> <p>Piffaretti, J., Clamens, A. L., Vanlerberghe-masutti, F., Gupta, R. K., Call, E., Halbert, S., & Jouselin, E. 2013. Regular or covert sex defines two lineages and worldwide superclones within the leaf-curl plum aphid (<i>Brachycaudushelichrysi</i>, <i>Kaltenbach</i>). <i>Molecular Ecology</i>. 22(15):3916-32</p> <p>Popkin, M., Piffaretti, J., Clamens, A.L., Qiao, G.X., Chen, J., Vitalis, R., VanlerbergheMasutti, F., Gupta, R.K., Lamaari, M., Langella, O. and Coeur d'acier, A., 2016. Large scale phylogeographic study of the cosmopolitan aphid pest <i>Brachycaudushelichrysi</i> reveals host plant associated lineages that evolved in allopatry. <i>Biological Journal of the Linnean Society</i>, 2016. DOI: 10.1111/bij.12869</p> <p>Gani, M. U. D. A. S. I. R., Chouhan, S., Babulal, R. K., Gupta, G. K., Kumar, N. B., Saini, P. A. W. A. N., & Ghosh, M. K. (2017).</p>

	<p>Bombyxmorinucleopolyhedrovirus (BmBPV): its impact on silkworm rearing and management strategies. <i>Journal of Biological Control</i>, 31(4), 189-193.</p> <p>Guroo, M. A., Pervez, A., Srivastava, K., & Gupta, R. K. (2017). Effect of nutritious and toxic prey on food preference of a predaceous ladybird, <i>Coccinellaseptempunctata</i> (Coleoptera: Coccinellidae). <i>European Journal of Entomology</i>, 114.</p> <p>Gani, M., Gupta, R. K., Zargar, S. M., Kour, G., Monobrullah, M., Kandasamy, T., & Mohanasundaram, A. (2017). Molecular identification and phylogenetic analyses of multiple nucleopolyhedrovirus isolated from <i>Lymantriaobfuscata</i> (Lepidoptera: Lymantriidae) in India. <i>Applied entomology and zoology</i>, 52(3), 389-399</p>
No. of Books /manuals/monographs	4/3/
Research projects as PI/Nodal officer	6
Other achievements if any (please specify)	<p>I have gained vital experience on green house pest management at Agricultural Research Organization, Israel under MASHAV Visiting Scientist Fellowship. Besides I possess a good international exposure on Bee breeding, IPM and agriculture through various scientific trips to Europe under VLIR UOS International Fellowship. I am a task force member of review panels for research grants by department of biotechnology, Govt. of India, Fellow of entomological society of India and society for biocontrol advancement, member editorial boards of journal of insect science and referee for several reputed journals in entomology</p>