

Name	Dr. R. K. Gupta
Designation	Professor and Head
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Professional experience	22 years
Awards/Honours/Scholarships/Fellowships	<ul style="list-style-type: none"> ➤ Young Scientist Fellowship Award 2000, J&K Science and Technology ➤ Awarded MASHAV international Fellowship by Govt. of Israel in 2007 ➤ Awarded travel grant by J&K Science and Technology ➤ Awarded International Fellowship by Belgium Govt. in 2009 ➤ Elected Fellow of Entomological Society of India ➤ Young Scientist Associate Award 2012 (Bioved) ➤ Distinguished Scientist in Entomology-2017 (The Venus International Research Award) ➤ Mahesh K. Upadhaya Lecture award, 2018 by ICAR-Directorate of Weed Research Jabalpur, India ➤ The Star Scientist of the University Award-2020 (SKUAST-Jammu) ➤ 2nd best centre of NPCLIGR, ICAR-IINRG, Ranchi, 2020 ➤ 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 ➤ Bioprospecting predators, parasitoids and insect microbes as potent biopesticides ➤ Climate change and beneficial insect
Total number of publications (referred journals)	55
Selected publications (best five)	<ul style="list-style-type: none"> ➤ Gani, M., Senger, S., Lokanath, S., Saini, P., Bali, K., Gupta, R.K., Sivaprasad, V., Jehle, J.A. and Wennmann, J.T. 2021. Patterns in Genotype Composition of Indian Isolates of the <i>Bombyx mori</i> Nucleopolyhedrovirus and <i>Bombyx mori</i> Bidensovirus. <i>Viruses</i>, 13:901. https://doi.org/10.3390/v13050901 ➤ Ibrahim, S., Gupta, R.K., War, A., Hussain, B., & Kumar, A. 2021. Degradation of chlorpyrifos and polyethylene by endosymbiotic bacteria from Citrus mealybug. <i>Saudi</i>

	<p><i>Journal of Biological Sciences</i>, 28. 10.1016/j.sjbs.2021.03.058</p> <ul style="list-style-type: none"> ➤ 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>Brachycaudus helichrysi</i>, Kaltenbach). <i>Molecular Ecology</i>, 22(15):3916-32 ➤ Megan Popkin, Joséphine Piffaretti, Anne Laure Clamens, Ge-Xia Qiao, Jing Chen, Renaud Vitalis Flavie Vanlerberghe-Masutti Rakesh K. Gupta, Malik Lamaari Olivier Langella Armelle Coeur d'Acier Emmanuelle Jouselin. 2016. Large-scale phylogeographic study of the cosmopolitan aphid pest <i>Brachycaudus helichrysi</i> reveals host plant associated lineages that evolved in allopatry. <i>Biological Journal of the Linnean Society</i>, 120 (1):102 – 114. ➤ Gupta RK, Kour R, Gani M, Guroo MA and Bali K. 2021. Potential of wax degrading bacteria for management of the citrus mealybug, <i>Planococcus citri</i>, doi.org/10.1007/s10523-021-10120-8
No. of Books /manuals/monographs	6
Research projects as PI/Nodal officer	15
Other achievements if any (please specify)	I have gained vital experience on greenhouse 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.