

FUNDAMENTAL OF ENTOMOLOGY

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Dr. Akhilesh Kumar did his B. Sc. (Ag.) from ANDUAT, Ayodhya, UP during 1989, M. Sc. (Ag.) in Entomology from CSAUAT, Kanpur during 1993 and Doctorate in Ento. & Agril. Zoology from Institute of Agriculture Sciences, BHU, Varanasi UP, India during 2000, and joined as RA at ICAR-IISR, Lucknow and after that he joined as TA at ICAR-IIVR, Varanasi in 1996 and served IIVR, Varanasi for sixteen years in various capacities up to Technical Officer, 2011. Dr. Kumar joined as Subject Matter Specialist (Plant Protection) JNKVV-KVK, Shahdol, MP in 2011. Presently, Dr. Kumar is working as a Scientist (Plant Protection) at JNKVV-KVK and Head of section, Department of Entomology, College of Agriculture, Rewa, MP. Dr. Kumar has about twenty seven years' research and Extension experience and developed different kinds of IPM modules in Vegetables, Pulses, Oilseed and Cereals crop. Presently, he is engaged with the teaching, research and extension at KVK, CoA, Rewa, MP. Dr. Kumar has ten years' experience of teaching UG and PG students, and has guided eight M Sc (Entomology) students. He has published four book chapters, one practical manual, more than 125 research paper, popular articles and abstract, 16 technical bulletins, 21 scientific extension folder. He has also involved in product testing externally funded projects at IIVR, Varanasi and JNKVV-College of Agriculture, Rewa, MP. He has joined as life membership of 16 scientific societies of India. He is member of editorial board of Multilogic in Science and Bhartiya Krishi Anusandhan Patrika journals and referred research paper of different journals. He has also received fellowship, medal and best scientist worker awards, radio & TV talks for technology dissemination among the farmers and researchers. He has also attended several National and International conferences.

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Miss Deepali Vishwakarma is Ph.D. Research Scholar in the Department of Entomology at Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya in Gwalior, India, she has a strong academic background, having completed her Under Graduation from Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur. Her specialization in Agricultural Entomology for her M.Sc. and her success in qualifying the ICAR-NET exam twice (in 2021 and 2023) demonstrate her commitment and expertise in the field. Miss Deepali Vishwakarma has made notable contributions to research, with several peer-reviewed papers published in national and international journals. Additionally, her work extends to books, book chapters, and popular articles. Her current focus on Host Plant Resistance, Ecology, and insect pest management underscores her dedication to addressing critical issues in the field of entomology.



Mr. Nikhil Kumar obtained his undergraduate degree from SVPUAT Meerut, and completed M.Sc.(Ag.) Entomology from CCS University Meerut in 2019 and 2021, respectively. He is credited with having published 1 book, 2 book chapters, 3 abstracts in national and 1 in international conference. He is now pursuing his doctoral degree from Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut-250110, India.

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PREFACE

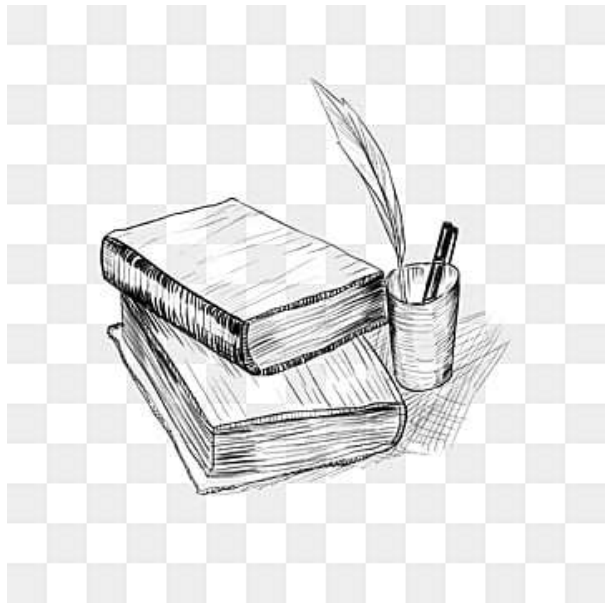
Welcome to the fascinating realm of "Fundamentals of Entomology." This book is designed to be an engaging journey into the intricate world of insects, offering readers a comprehensive understanding of their biology, behavior, and ecological significance. Whether you are a student, researcher, or simply curious about the diverse realm of entomology, this text aims to be your companion in exploring the essential principles that govern insect life.

In these pages, you will delve into the anatomy, physiology, taxonomy, and ecology of insects, gaining insights that go beyond mere fascination to foster a genuine appreciation for these remarkable creatures. Richly illustrated and supported by the latest research, this book aspires to be a valuable resource for anyone seeking a solid foundation in entomological knowledge.

As you embark on this educational journey, we hope that "Fundamentals of Entomology" enhances your appreciation for the vital roles insects play in our world and inspires a lifelong curiosity about the incredible diversity of insect life. Enjoy the exploration

Author 

Dedicated to My Beloved Parents



Author 

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