



GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM – 612 001

Affiliated to Bharathidasan University

DST - CURIE Sponsored Institution

IV Cycle of Accreditation

 **0435 – 2401391**

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CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.4. RESEARCH PUBLICATION AND AWARDS

3.4.4 Number of Books and Chapters in Edited Volumes Published per Teacher

COVER PAGE FOR BOOK

Dr. M.Govindarajan

**“Green Synthesized Silver Nanoparticles in the
Fight against Mosquitoes”**

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Name of the teacher	Title of the book published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
M.Govindarajan	Green Synthesized Silver Nanoparticles In The Fight Against Mosquitoes	2018	978-3-330-03713-7	Yes	Lap LAMBERT Academic publishing

Mosquito vectors are solely responsible for transmitting diseases such as malaria, dengue, chikungunya, Japanese encephalitis, lymphatic filariasis and, recently, Zika virus. Vector control is an essential requirement in the management of epidemic diseases that are transmitted by mosquitoes. Notably, the excessive use of synthetic pesticides causes emergence of resistance in treated pests and also lead to harmful effect on non-target organisms. This has required an urgent search for development of new and improved mosquito control methods that are cheap, effective and safe for human health and the environment. The green synthesis of eco-friendly metal nanoparticles is a fast-growing branch of current nanoscience with a number of biomedical and entomological implications. The aim of this book is designed for research scholars who studies mosquito control through nanotechnology. The book contains six chapters. Chapter 1 provides a general introduction. In chapter 2, reviews of literature, are given. The chapter 3 provides materials and methods. The observations are presented in chapter 4. The discussion is in chapter 5. Summary is in chapter 6. Finally provide references.



Marimuthu Govindarajan

Green Synthesized Silver Nanoparticles In The Fight Against Mosquitoes



Dr. M. Govindarajan is serving as an Assistant Professor at the Department of Zoology, Annamalai University, India. He has published more than 200 studies on top-ranked journals with impact factor. He has also guided M.Phil and Ph.D scholars. He has been received major research project from DST, UGC and ICMR, Government of India, New Delhi, India.



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