



# CURRICULAM-VITAE



Title	Dr.	First Name	<b>Shrankhla</b>	Last Name		Photograph
Designation	<b>Assistant Professor</b>					
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<b>Educational Qualifications</b>						
Degree	Institution				Year	
B.Sc. Hons	Dayalbagh Educational Institute, Agra				2007	
M.Sc. Zoology	Dayalbagh Educational Institute, Agra				2009	
M.Phil. Entomology	Dayalbagh Educational Institute, Agra				2010	
Ph.D. Entomology	Dayalbagh Educational Institute, Agra				2014	
PDF	Acharya Narendra Dev College, New Delhi				2019	
<b>Career Profile</b>						
<b>ACHARYA NARENDRA DEV COLLEGE, DELHI UNIVERSITY, NEW DELHI</b>						
Aug 2019	Assistant Professor (Adhoc)			Zoology Department		
<b>ACHARYA NARENDRA DEV COLLEGE, DELHI UNIVERSITY, NEW DELHI</b>						
Aug 2015 to Nov 2015	Assistant Professor (Adhoc)			Zoology Department		
<b>BAIKUNTHI DEVI KANYA MAHA VIDHYALAYA, AGRA</b>						
Nov 2014 to Mar 2015	Lecturer			Zoology Department		
<b>Administrative Assignments</b>						
Nil						
<b>Areas of Interest / Specialization</b>						
Insect Vector Control, Entomology, Parasitology, Non-chordates, Chordates.						
<b>Subjects Taught</b>						

**PAPERS PUBLISHED IN CITED JOURNALS**

1. Larvicidal activities of petroleum ether extracts of different fruit peel wastes against an Indian Strain of filarial vector, *Culex quinquefasciatus* Say (Diptera: Culicidae). **Shrankhla** and Sarita Kumar., *European Journal of Biomedical and Pharmaceutical Sciences*, 2018, Volume 5, Issue 2 1074-1078. ISSN/ISBN No. 2349-8870
2. Impact of *Ocimum bacilicum* leaf essential oil on the survival and behaviour of an Indian Strain of Dengue Vector, *Aedes aegypti* (L). Sarita Kumar, Radhika Warikoo, Monika Mishra, Roopa Rani Samal, **Shrankhla**, Kungreiliu Panmei, Vinay S Dagar, Aarti Sharma. *Vector Bio J* 2017, 2:2. ISSN/ISBN No. 2473-4810.
3. Synergistic activity of Temephos and *Pseudocalymma alliaceum* leaves against *Anopheles stephensi* and *Culex quinquefasciatus* larvae. **Shrankhla**, Lalit Mohan, C.N. Srivastava. *International Journal of Pharmaceutical Research and Bio-Science*, **4** (3): 69-82 (2015), ISSN/ISBN No. 2277-8713.
4. Bioefficacy of nanoencapsulated *Aspergillus flavus* and *Cuscuta reflexa* combination against anopheline and culicine larvae. Sweta Bhan, **Shrankhla**, Lalit Mohan, C.N. Srivastava. *International Journal of Pharmaceutical Research and Bio-Science*, **3** (5): 481-496 (2014), ISSN/ISBN No. 2277-8713.
5. Combinatorial potentiality of *Aspergillus flavus* and *Cuscuta reflexa* against Mosquito Vectors. Sweta Bhan, **Shrankhla**, Lalit Mohan, C.N. Srivastava. *Advances in Bioresearch*, **4** (4): 99-105 (2013), ISSN/ISBN No. 2277-1573.
6. Larvicidal toxicity of Temephos and entomopathogenic fungus, *Aspergillus flavus* and their synergistic activity against malaria vector, *Anopheles stephensi*. Sweta Bhan, **Shrankhla**, Lalit Mohan, C.N. Srivastava. *Journal of Entomology and Zoology Studies*, **1** (6): 4-9 (2013), ISSN/ISBN No. 2320-7078.
7. Relative toxicity of different combinations of temephos and fenthion with *Solanum xanthocarpum* extract against the anopheline larvae. Lalit Mohan, Preeti Sharma, **Shrankhla** and C.N. Srivastava. *Entomological Research*, **43**: 236-242 (2013), ISSN/ISBN No. 1748-5967.

8. Relative larvicidal potential of *Pseudocalymma alliaceum* and *Allium sativum* against malaria vector, *Anopheles stephensi* (Liston). **Shrankhla**, Sweta Bhan, Preeti Sharma, Lalit Mohan and C.N. Srivastava. *European Mosquito Bulletin*, **30**: 83-90 (2012), **ISSN/ISBN No.** 1460-6127.
9. Larvicidal activity of *Pseudocalymma alliaceum* and *Allium sativum* against *Culex quinquefasciatus* (Say). **Shrankhla**, Preeti Sharma, Lalit Mohan and C.N. Srivastava. *Entomological Research*, **41**: 216-220 (2011), **ISSN/ISBN No.** 1748-5967.

#### Conference / Presentations /Workshops

#### PAPERS PRESENTED IN CONFERENCES/ SEMINARS/ SYMPOSIUM

##### INTERNATIONAL:

1. Synergistic effect of Temephos and *Allium sativum* cloves against *Culex quinquefasciatus*. **Shrankhla**, Sweta Bhan, Lalit Mohan and C.N. Srivastava. XII International Conference on Vector and Vector Borne Diseases, MLS, Udaipur, Rajasthan (India), 16<sup>th</sup>-18<sup>th</sup> September, 2013.
2. Synergistic effect of Temephos and *Pseudocalymma alliaceum* leaves against *Anopheles stephensi*. **Shrankhla**, Sweta Bhan, Preeti Sharma, Lalit Mohan, C.N. Srivastava. 4<sup>th</sup> International Conference on Insect Science, UAS, GKVK, Bangalore (India), 14-17 February, 2013.
3. Nano-imidacloprid: a new hope for malarial vector control. Sweta Bhan, **Shrankhla**, Preeti Sharma, Lalit Mohan, C.N. Srivastava. 4<sup>th</sup> International Conference on Insect Science, UAS, GKVK, Bangalore (India), 14-17 February, 2013.
4. Larvicidal potentiality of *Pseudocalymma alliaceum* against malaria vector, *Anopheles stephensi*. **Shrankhla**, Sweta Bhan, Preeti Sharma, Lalit Mohan, C.N. Srivastava. 18<sup>th</sup> International Congress of Rural Health and Medicine, Kala Academy, Panaji, Goa (India), 10-12 December, 2012.
5. Bioefficacy of neonicotinoid insecticide: imidacloprid against mosquito larvae, *Culex quinquefasciatus* (Say). Sweta Bhan, **Shrankhla**, Preeti Sharma, Lalit Mohan, C.N. Srivastava. 18th International Congress of Rural Health and Medicine, Kala Academy, Panaji, Goa (India), 10-12 December, 2012.
6. Larvicidal bioefficacy of *Allium sativum* cloves against Culicine mosquito. **Shrankhla**, Sweta Bhan, Preeti Sharma, Lalit Mohan and C.N. Srivastava. XI Symposium on Vectors and Vector Borne Diseases. Regional Medical Research Centre for Tribals (ICMR), Jabalpur (M.P.) 15-17 October,

2011.

7. Larvicidal activity of plant secondary metabolites against, *Anopheles stephensi* and *Culex quinquefasciatus*. Lalit Mohan, Preeti Sharma, **Shrankhla** and C. N. Srivastava. XI Symposium on Vectors and Vector Borne Diseases. Regional Medical Research Centre for Tribals (ICMR), Jabalpur (M.P.) 15-17 October, 2011.
8. Encapsulation of temephos within biocompatible polymer as mosquito larvicide. XI Symposium on Vectors and Vector Borne Diseases. Sweta Bhan, **Shrankhla**, Preeti Sharma, Lalit Mohan and C.N. Srivastava. Regional Medical Research Centre for Tribals (ICMR), Jabalpur (M.P.) 15-17 October, 2011.
9. Structure activity relationship of chalcone analogues as larvicidal agent against *Culex quinquefasciatus*. Sanjeev Kumar, Sneha Yadav, Roopendra Kumar, Abha Sharma, K.C. Gupta, **Shrankhla**, Lalit Mohan and C.N. Srivastava. Regional Medical Research Centre for Tribals (ICMR), Jabalpur (M.P.) 15-17 October, 2011.
10. Screening of larvicidal activities of *Rumex nepalensis* aerial part extracts against 3<sup>rd</sup> instar larvae of *Culex quinquefasciatus*. Sneha Yadav, Sanjeev Kumar, Roopendra Kumar, Abha Sharma, K.C. Gupta, **Shrankhla**, Lalit Mohan and C.N. Srivastava. Regional Medical Research Centre for Tribals (ICMR), Jabalpur (M.P.) 15-17 October, 2011.
11. Larvicidal activity of plant secondary metabolites against filarial vector, *Culex quinquefasciatus*. Lalit Mohan, Preeti Sharma, **Shrankhla** and C. N. Srivastava. Global Conference on Entomology- (GCE) Chiang Mai (Thailand) 5-9 March, 2011.
12. Larvicidal activity of *Pseudocalymma alliaceum* against filaria vector, *Culex quinquefasciatus*. **Shrankhla**, Sweta Bhan, Preeti Sharma, Lalit Mohan and C.N. Srivastava. International Symposium on Recent Advances in Ecology and Management of Vectors and Vector Borne Diseases. Defence Research and Development Establishment, Gwalior (M.P.) 1-3 December, 2010.
13. Bioefficacy of chromatographically separated fractions of *Solanum xanthocarpum* against urban malaria vector, *Anopheles stephensi*. Lalit Mohan, Preeti Sharma, **Shrankhla** and C. N. Srivastava. International Symposium on Recent Advances in Ecology and Management of Vectors and Vector Borne Diseases. Defence Research and Development Establishment, Gwalior (M.P.) 1-3 December, 2010.

14. A new series of larvicidal compounds Chalcones. Kumar S, Kumar R, **Shrankhla**, Sharma P, Yadav S, Jadon S, Mohan L, Srivastava C.N. and Gupta K.C. International Symposium on Recent Advances in Ecology and Management of Vectors and Vector Borne Diseases. Defence Research and Development Establishment, Gwalior (M.P.) 1-3 December, 2010.

**NATIONAL:**

1. The Future of Nanotechnology in Insect Pest Management. **Shrankhla**, Sweta Bhan, Preeti Sharma, Lalit Mohan and C.N. Srivastava. National Conference on Innovations in Modern Biology, Meerut College, Meerut (U.P.), 16-17 March, 2012.
2. The plants of dual importance: medicinal and larvicidal. Lalit Mohan, Preeti Sharma, Manish Mohan Verma, **Shrankhla**, Sweta Bhan and C. N. Srivastava. National Seminar on Conservation, Cultivation and Utilization of Medicinal Plants, Agra (U.P.) 26-27 February, 2011.

**CONFERENCES ATTENDED:**

1. Participated in the International Conference On “Nanotechnology in the Service of Health, Environment & Society”. Punjab University, Chandigarh, 13<sup>th</sup> to 15<sup>th</sup> February, 2014.
2. Participated in the National Seminar on “Conservation, Cultivation and Sustainable Utilization of Medical and Herbal Plants”. R.B.S. College, Agra, (U.P.), 25<sup>th</sup> to 26<sup>th</sup> February, 2012.
3. Participated in the National Seminar on “Bio-musicology, Music Therapy and their Medical Implementation”. Government P.G. College, Noida, (U.P.), 18<sup>th</sup> March, 2012.
4. Participated in the National Symposium on “Nanobiotechnology”. Indian Institute of Technology, Mandi (H.P.), 1<sup>st</sup> to 2<sup>nd</sup> June, 2012.

**WORKSHOP ATTENDED:**

1. Attended a workshop on Nanotechnology, organized by Punjab University, Chandigarh, 12<sup>th</sup> February, 2014.
2. Attended a workshop/training programme on Molecular Biology, organized by SHRM Biotechnologies Pvt. Ltd., Kolkata, 1<sup>st</sup> to 10<sup>th</sup> June, 2013.
3. Attended a workshop on Biotechniques: Theory and Demonstration, organized by Iris Edu Solutions,

Agra, 2 <sup>nd</sup> to 3 <sup>rd</sup> Oct, 2010.
4. Attended a workshop on SPSS 18.0, organized by SPSS South Asia & Department of Sociology and Political Science, Dayalbagh Educational Institute, Agra, 1 <sup>st</sup> to 2 <sup>nd</sup> May, 2010.
5. Attended a workshop on Intellectual Property Rights Awareness Workshop (IPRAW), organized by Department of Physics and Computer Science, Dayalbagh Educational Institute, Agra, 31 <sup>st</sup> August, 2007.
<b>Research Projects (Major Grants/Research Collaboration)</b>
<b>Awards and Distinctions</b>
<ul style="list-style-type: none"> <li>• UGC Rajiv Gandhi National Fellowship (2011-2014)</li> <li>• UGC Women's Post Doctoral Fellowship (2015-2019)</li> </ul>
<b>Association With Professional Bodies</b>
<ul style="list-style-type: none"> <li>• Life Membership of National Academy of Vector and Vector Borne Diseases (NAVBD)</li> </ul>
<b>Other Activities</b>

Dr. Shrankhla  
Signature of Faculty Member