

1. **Name of faculty: Dr. Neetu Kachhwaha**
2. **Department: Zoology**
3. **Designation: Assistant Professor**
4. **Age as on 01.01.2016: 34 years, 6 months and 24 days**
5. **Educational Qualifications: M.Sc., Ph.d, SLET and ARS-NET**
6. **Date of Ph.D. awarded: 21 Dec. 2005**
7. **Teaching Experience as on 01.01.2016: 2 years**
8. **PAN No: ASVPK3151H**
9. **Address (Local): 33-A, Dhuleswar garden, Patel marg, C-Scheme, Jaipur- 302001**
10. **Address (Permanent): D/O K.C.Sankhla, Near satellite hospital, nayapura, Jodhpur (Raj.) 342001**
11. **Phone / Mobile Number: +919587266602**
12. **Email ID:drneetu20112gmail.com**
13. **Details of Research Projects:**

<b>S. No.</b>	<b>Title of project</b>	<b>Co-investigator if any</b>	<b>Funding Agency</b>	<b>Year of sanction</b>	<b>Year of completion</b>	<b>Funds received (in Lacs)</b>
<b>1</b>	<b>Combination of Trachyspermum ammi, mustard oil and naphthalene against test insect Anopheles stephensi</b>	<b>-</b>	<b>BSR-UGC Start-up-grant</b>	<b>30 March 2015</b>	<b>30 March 2017</b>	<b>6 Lakhs</b>

14. **List of Publications:**

<b>Authors names</b>	<b>Title of paper</b>	<b>Name of Journal</b>	<b>Vol. No.</b>	<b>Pages from – to</b>	<b>Year</b>	<b>Impact factor</b>	<b>ISSN No.</b>
Kachhwaha, N.; Singhvi, P.M.; Jain, M.; Mathur, M..	<i>Effect of certain indigenous plant extract on ovipositional behaviour of Oryzaephilus surinamensis</i>	J. Appl. Zoo. Res	17(2)	209-211	2006	Citation index-1 NAAS rating-3.0	0970-9304
Jain, M.; Singhvi, P.M.; Kachhwaha., N.; Gehlot, L.; Mathur, M.	<i>Repellent properties of some plant extracts against pulse beetle, Callosobruchus chinensis in stored mung bean, Vigna radiata.</i>	J. Appl. Zoo. Res.	17(2)	207-208	2006	NAAS rating-3.0	0970-9304
Mathur, M.; Singhvi, P.M.; Kachhwaha., N.	<i>Susceptibility of Tribolium castaneum ( Coleoptera: Tenebrinoidae) to different irradiation.</i>	Ann. Plant Prot. Sci.	15(1)	247-249	2007	NAAS rating-3.7	0971-3573
Kachhwaha., N.; Singhvi, P.M.; Gehlot, L.; Mathur, M.	<i>Effect of different irradiation on reproductive potential of Oryzaephilus surinamensis.</i>	Ann. Plant Prot. Sci.	15(2)	496-97	2007	NAAS rating-3.7	0971-3573
Kachhwaha., N.; Singhvi, P.M.; Gehlot, L.; Jain, M	<i>Effect of plant extract on repellency behaviour of Oryzaephilus surinamensis..</i>	Adv. Plant Sci.	21(1)	281-82	2008	NAAS rating-2.7	0970-3586
Gaur, M.D.; Singhvi, P.M.; Kachhwaha.,	<i>Repellent activity of certain plant extracts</i>	J. Appl. Zoo. Res.	20(2)	147-49	2009	NAAS rating-3.0	0970-9304

N.	<i>against red flour beetle, Tribolium castaneum</i>						
Kachhwaha, N.; Meena, G.	<i>Bacillus thuringiensis var. israelensis- A microbial control to mosquito larvae in Jodhpur</i>	Geobios	39(4)	201-04	2012	Impact Factor: 1.187	0251-1223
Kachhwaha, N.; Meena, G.	Evaluation of radioprotective effect of <i>Moringa oleifera</i> (Lam.) leaf extract in mice	Geobios	39(4)	257-59	2012	Impact Factor: 1.187	0251-1223
Kachhwaha, N.; Gehlot S.	<i>Expansion of transmission window (TW) is a direct threat to malaria.</i>	Geobios	41(2-3)	68-71	2014	Impact Factor: 1.187	0251-1223
Kachhwaha, N.; Meena G.D. and Meena S.	<i>Plant extract controls Oryzaephilus surinamensis by showing repellency behavior.</i>	Euro. J. Exp. Bio. (online)	5(5)	98-101	2015	global impact factor: 0.645	2248-9215
Meena S.; Kachhwaha, N. and Meena G.D.	<i>Screening of toxicity of plant extracts against Acridid grasshopper Chrotogonus trachypterus Blanchard.</i>	Adv. Appl. Sci. Res. (online)	6(4)	65-68	2015	global impact factor: 0.533	0976-8610
Meena G.D. and Meena S and Kachhwaha N	<i>Aleration of acid, alkaline phosphate and lactase dehydrogenase</i>	Inter. J. Infor. Futuristic Res (online)	2(11)	4211-15	2015	IJIFR impact factor 4.164	2347-1697

	<i>activity in liver of gamma irradiated mouse by Moringa oleifera and Acorus calamus.</i>						
Kachhwaha N, Meena G, Rajpurohit A, Nagar P	Mustard oil shows efficient spatial repellency against <i>Anopheles stephensi</i> Liston	<i>J. Ento. Zool. Studies</i> (online)	4(1)	484-486	2016	global impact factor: 0.555	2320-7078

**15. List of Books Published:**

Authors names	Title of Book	Name of Publisher	Year
Kachhwaha, N.	Principles of Entomology- Basic and Applied	Agrobios ISBN-989-81-7754-431-2	2011

**16. List of Conferences / Symposium/ Refresher Courses organized: Nil**

**17. List of Conferences / Symposium/ Refresher Courses Attended:**

- a. Two day National Conference on Entomology (2015) organized by Department of Zoology and Environment Sciences in collaboration with Association of Entomologists (Regd.), Punjabi University, Patiala.
- b. Three day National Conference on Herbal Medicine- Current Strategies & Future Prospects (2015) organized by Department of Zoology, CAS, U.O.R, Jaipur.
- c. Two day National workshop on Biomedical Instruments and Technologies (NWBIT 2015) organized by Department of Zoology, CAS, U.O.R, Jaipur.
- d. One day National Workshop on Application of Computational Tools in Medicine and Biology (NWMB 2015) organized by Department of Zoology, CAS, U.O.R, Jaipur.
- e. Two day National Seminar on Reproductive Health Awareness (2014) organized by Department of Zoology, IIS University, Jaipur

- f. One day Symposium on AIDS: Awareness, Prevention & Challenges (2014) organized by Department of Zoology, U.O.R., Jaipur.
- g. Three day National conference on Environment Impact on Health and its management: Eco-friendly Strategies and XXVII All India Congress of Zoology (2016) organized by Department of Zoology, CAS, U.O.R, Jaipur.
- h. One day workshop on Social relevance on research organized (2016) by HRDC, university of Rajasthan, Jaipur.

**18. Details of conferences in which chaired a session: Nil**

**19. Papers in Conference Proceedings:**

<b>Authors names</b>	<b>Title of paper</b>	<b>Name of Conference, City, Country</b>	<b>pages from – to</b>	<b>Year</b>	<b>ISBN</b>
Kachhwaha, N.; Rajpurohit, A.	<i>Insect Control by Thermal Pyrethrum Fogging</i>	National Conference on Prospects and Challenges in Field of Applied Zoology, Jodhpur, India	<b>106-07</b>	<b>2011</b>	<b>978-81-923164-0-6</b>
Kachhwaha, N. and Meena G.D.,	<i>Pipe leakage causing scarcity of water and influence increase in breeding sites for mosquitoes</i>	<i>National Conference on Implication of Water Scarcity on Agriculture, Industry and Employment,</i>	<b>67-69</b>	<b>2015</b>	

**20. (a) National / International Collaborations with MoU (if any): Nil**

**(b) Number of papers published where co-author is from another institute within the country: 2**

**(c) Number of papers published where co-author is from another institute outside the country: Nil**

**21. National / International Awards received: Nil**

**22. Membership of technical societies / academic bodies/ National or international organizations (if any):**

- a. Lifetime Membership in Association of Entomologist, AOE- 80 Punjabi University, Patiala.**
- b. Life time membership in Indo Global Health**
- c. Life time membership in The Indian Science Congress Association**

**23. Details of Ph. D. students supervised: Nil**

<b>Name of student</b>	<b>Year of award</b>	<b>Title of thesis</b>

**24. Post Doctoral Fellows (if any): Nil**

**25. Patents and Transfer of Technology: nil**

**26. Poster/Oral presentation:**

- 1. Given oral presentation in National Conference on Entomology (2015) organized by Department Of Zoology and Environment Sciences in collaboration with Association of Entomologists (Regd.), Punjabi University, Patiala. Topic: *Species diversity of mosquitoes with their identification key in special reference to Jodhpur.***
- 2. Poster presented in National Conference on Herbal Medicine Current Strategies & Future Prospects (2015) organized by Department of Zoology, CAS, U.O.R., Jaipur. Topic: *Spatial repellency assay of mustard oil against the test insect *Anopheles stephensi*, Liston.***
- 3. Poster presented in National conference on Environment Impact on Health and its management: Eco-friendly Strategies and XXVII All India Congress of Zoology (2016) organized by Department of Zoology, CAS,**

U.O.R, Jaipur. *Topic: Breeding ecology of vectors- Mosquito in Rajasthan.*

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