

Curriculum Vitae

1. General Information:

- a Name **KHANDAGLE ABHAY JOHN**
- b Address i) Residence: **Plot No.10, Panchavati Colony, Talegaon Dabhade, Pune 410506**
- ii) College / Institute: **Prof. Ramkrishna More Arts, Commerce & Science College, Sector No. 28, Akurdi, Pune- 411044**
- c Telephone No. i) (office): **020- 27650276, 020-27659740**
- ii) (Resi.): **02114-229577**
- iii) (Mobile): **9370333535**
- d E-Mail: ajkhandagle@gmail.com
abhay1622@yahoo.com
- e Designation & Dept.: **Asst.Professor, Department of Zoology**
- f Date of birth: **22nd Nov. 1969**
- g Nationality: **Indian**

2. Academic Qualifications: M.Sc. Ph.D.

Area of Specialization: **Zoology- Entomology**

Sr. No	Name of the Exam.	Year of Passing	University	Subject	Class/Grade
1	Ph.D.	2008.	Shivaji University, Kolhapur.	Zoology	----
2	M.Sc.	1993.	University of Pune.	Zoology	First
3	B.Sc.	1991.	University of Pune.	Zoology	First

3. Research Experience: 17 Years. Teaching Experience: 22 years

4. Research Projects carried out:

Sr. No	Name of the Research Project	Type of Project	Funding Agency	Duration	Amount (Rs)
1	Study of Pest Diversity with reference to vegetation in PCMC area	Minor	UGC New Delhi	2004-2006	35,000/-
2	Bioactivity of some medicinal Plant oils against Mosquitoes.	Minor	BCUD, UoP.	2008-2010	2,00,000/-
3	'Hypoglycemic and Antioxidant activities of some medicinal plants in Wistar albino rat'. (Co-Investigator)	Minor	UGC New Delhi	2011-2013	1,60,000/-
4	Applied for SPPU-BCUD MRP in 2017-18				

5. Research Guide:

- **Three students have been awarded Ph.D. degree.**
- Ph.D guide of SPPU, Pune- guiding 03 students
- Ph.D guide of North Maharashtra University, Maharashtra.
- M.Phil. Guide of SPPU, Pune, guiding 02 students.
- Guided 29 students of the college for their M.Sc. Zoology projects from 2003-2017.

6. Research Publication:

1. **Khandagle AJ**, Tare V, Raut K and Morey, R (2011). Bioactivity of essential oils of *Zingiber officinalis* and *Achyranthes aspera* against mosquitoes, *Parasitol. Res.* 109 (2):339–343 February 2011 (**Impact factor- 2.85**)
2. R.A. Morey & **A.J Khandagle**, (2011) Antifertility potential of *Abrus precatorius* against male albino mice, *Indian streams Res J. I* (6), July. 2011, (ISSN No. 2230-7850.)
3. **Khandagle AJ**, Pawar R.K, Morey R.A (2012). Bioactivity of Some Plant oils against *Musca domestica*, *Proceedings, Int. Conf. on Perspectives of computer confluence with Science*, N. Wadia College, Pune, 10-12 Dec. PP.232-237, ISBN:978-93-82062-76-9.
4. Morey R.A, Patil R.P, **Khandagle AJ** (2012). Generation Of Electricity through Microbial Fuel Cell and Data Presentation With Computer Based Application, *Proceedings, Int. Conf. on Perspectives of computer confluence with Science*, N. Wadia College, Pune, PP.197-202, ISBN:978-93-82062-76-9.
5. **Khandagle AJ**, Morey R.A (2012). Bioefficacy of essential oils of medicinal plants against housefly, *Musca domestica.L.* *Parasitol Res* (2012) 111 (4):1799–1805. (**Impact factor- 2.85**)
6. **Khandagle AJ**, Patil R.P, Morey R.A (2012). Generation Of Electricity From Sewage Water Using MFC, *Science & Technology*, November 2012 Volume: I Issue: XI, ISSN 2277-1174, GISI - 0.1210(2011), 0.2807(2012).
7. Morey R.A, **Khandagle AJ**, Pawar R.K (2012). Insecticidal Activity of Some Medicinal Plant Oils against *Musca domestica L*, *Nat. Conf. on Perspectives of Biodiversity Monitoring and Research Current Practice and Future Needs*, F.C. College, Pune, 7th -8th Dec.2012, PP.372-378, ISBN:978-93-5087-589-6.

8. Patil R.P,Morey R.A., **Khandagle A.J**,Patil M.A(2013). Energy generation using low-Cost, Microbial Fuel Cells, Internat J of Multidisciplinary Res ,vol I,Issue 12(III),28-32.ISSN:2277-9302.
9. Morey R.A, **Khandagle A.J** (2013) A study of hypoglycemic activity of *Cymbopogon citratus* in alloxan induced diabetic rat. Internat J of Multidisciplinary Res ,vol I,Issue 12(III),17-19.ISSN:2277-9302.
10. **A J Khandagle** ,R.A. Morey , Rahul Pawar (2013) Toxicological evaluation of some botanical oils on biochemical aspects in the House Fly, *Musca domestica* (Diptera: Muscidae) Internat J of Multidisciplinary Res ,vol I,Issue 12(III),43-47.ISSN:2277-9302.
11. **A J Khandagle** Insecticidal properties of leaf extract of *Catharanthus roseus* L.(G)Don against *Aedes aegypti* in National conference on innovative ideas and research in Life sciences for sustainable development organized by N.wadia college on 16th and 17th Jan.2015.
12. **A J Khandagle** Evaluation of repellent activity of plant essential oils against dengue vector *A.aegypti* L.in state level seminar on Recent Advances in Life Sciences on 4th and 5th Feb 2015 at BJ college, Wagholi.
13. **A J Khandagle** Larvicidal and repellency activity of *Alstonia scholaris* against *Ades aegypti* in Two Days National conf on Advances in Life sciences Akurdi college,on 20-21 dec.2014
14. .Amol Sonawane and **Abhay Khandagle** (2015)Taxonomy and diversity of damselflies(Zygoptera)from Daund Tahsil Pune District(Maharashtra.India) Journal of Basic sciences (special issue pp.1-9)
15. Amol Sonawane and **Abhay Khandagle** (2015) Taxonomy and Diversity of *Ceriatgrion coromandelianum*(Fabricius,1798) (Zygoptera) of Pune District (Maharashtra;India) Journal of Basic sciences (special issue pp.102-106)
16. **Abhay Khandagle (2016)**, Plant Products as Ecofriendly mosquitocides, National Conference on Faunal Diversity: Assessment and Conservation; held at Modern College, Shivajinagar, Pune , 22nd to 23rd January 2016.
17. **Abhay Khandagle (2016)** Ecofriendly method for mosquito control, National Conference in Advances in Applied, Physical, Chemical and Life Sciences; D Y Patil ACS College, Pune 3 & 4th February 2016.
18. **Abhay Khandagle (2016)** Bioactive potential of Leaf Extracts of *Syzygium Cumini* L.against *Aedes aegypti*., International conference on **Innovative Trends in Chemical Physical and Biosciences (ITCPB 2016)**’ organized by Annasaheb Magar Mahavidyalaya, Pune, 9th to 10th Feb 2016.
19. Rashmi Morey & **Abhay Khandagle** (2017), Bioactive Potential of three plant essential oils against *Musca domestica* L. Annals of Natural Sciences 3 (3), 70-75
20. **Abhay Khandagle** & Rashmi Morey (2017),Botanicals as potential insecticides against *Culex quinquefasciatus* Say and *Aedea aegypti* Linnaeus, Asian Journal of Agriculture and Life Sciences, 2 (4), 41-47
21. **KhandagleAbhay J**, SomawanshiNandkumar R , Barnabas Rajneesh J, Tak Rajesh D "Antimicrobial, Phytochemical Screening and Identification of Chemical Constituents of extracts of *Moullava spicata* (Dalzell) Nicolson" Internation Journal for Science and Advance Research In Technology, 3(12), 160-166. ISSN [ONLINE]: 2395-1052

22. **Abhay Khandagle**, Rashmi Morey , Nitin Ghorpade (2017) The need of Academic and Administrative audit in affiliated colleges, Proceedings of National Seminar on Academic and Administrative Audits through ICT, 60-63

7. Books published:

Reference book: Ecofriendly Products for Insect Pest/Vector Management, Lambert Publication- Germany.

Text Books:

- a. Text book of Animal Systematic and Diversity for F.Y. B.Sc. Zoology students. University of Pune. Vision Publications.Pune.2005
- b. Text book of Medical Zoology for F.Y. B.Sc. Zoology students. University of Pune. Vision publications, Pune.2006.ISBN-818964215-4
- c. A book of Biological Chemistry for T.Y.B.Sc. Nirali Prakashan, Pune

8. Seminars, Conferences, Symposia and Workshops (Papers presented/attended):

- International Level: In India – 09
- International level Abroad- 02 (France and USA)
- National Level: - 18
- State Level: - 06
- University Level: - 17 (Including Syllabus reframing workshops)

9. Membership Bodies / Committees:

- Faculty of science, University of Pune – **Member.**
- Board of Studies in Zoology, University of Pune – **Member.**
- Board of Studies in Zoology, University of Pune- **Co-ordinator** May 2016 to Nov 2017.
- Indian Society of Cell Biology- **Life Member.**
- Society for Reproductive Biology and Comparative Endocrinology-**LifeMember.**
- Sankalp Pvt. Ltd, Mumbai- **Scientific Consultant.**
- Association of Zoologist of India- **Life Member.**
- National Academy of Vector Borne Diseases- **Life Member.**
- International Journal of Parasitology Research- **Advisory Board Member.**
- International Journal of Agricultural Science Research (IJASR) - **Reviewer.**
- University of Pune, Credit System Committee- **Member.**
- University of Pune, M.Phil. Syllabus review committee- **Member.**
- Selection committee for Assistant Professor; CAS camp, University of Pune- Member.
- Friends of Nature, (NGO) – Member.

10. Recipient of six Best Teacher Awards from various organizations including

“BEST TEACHER AWARD” conferred upon by the prestigious Savitribai Phule Pune University.

Dr. Abhay Khandagle