

RESUME

Name : **P. RAJASEKAR**

Designation : Assistant Professor

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EDUCATION PROFILE

1. B.Sc., Zoology., Raja Sarfoji Govt. College, Bharathidasan University.,2002-2005
2. M.Sc., Zoology., A.V.V.M. Sri Pushpam College, Thanjavur.Bharathidasan University.,2005-2007
3. M.Phil., Zoology., University of Madras Presidency college.,2007-2008.
4. Ph.D., Zoology (Effect of insect growth regulators on the biology and behaviour of some vector mosquitoes (diptera: culicidae). Annamalai University Annamalainagar-608 002.

Teaching Experience

1. Guest Lecture – 1 Year (Govt. Arts College, Kumbakonam)
2. 4.12.2013 to Till Date (Jamal Mohamed College)

Total Research Paper Published - 12

Total Training/Workshop Programme Attended - 5

Total Symposia/Conference/Seminar – 10

Total Experience Gained in Biochemical Methods - 5

RESEARCH PAPER PUBLISHED

1. **Rajasekar, P** and Jebanesan, A. 2010. Larvicidal activity of pyrethroids against mosquitoes *Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae). *Int. J. Biol. Sci.* Vol. 1(2): 141-143,(ISSN No.0976-4518). Impact Factor 4.50.
2. **Rajasekar, P** and Jebanesan, A. 2011. Emergence inhibition effect of insect growth regulator Novaluron and Buprofezin against mosquitoes (Diptera: Culicidae). *J. Pestology.* Vol. 35(2): 34-36. (ISSN No.0970-3012).
3. **Rajasekar, P** and Jebanesan, A. 2011. Influence of insect growth regulators, Novaluron and Buprofezin treatment on oviposition of mosquitoes. *Bio Sci.* Vol. 5(2): 81-83. (ISSN No.0974-7532). Impact Factor 0.76.
4. **Rajasekar, P** and Jebanesan, A. 2011. Influence of short time exposure to an insect growth regulator, Novaluron on mortality and adult emergence of mosquitoes. *J. Pestology.* Vol. 35(6): 43-47. (ISSN No.0970-3012).
5. **Rajasekar, P** and Jebanesan, A. 2011. Emergence inhibition in pupae of mosquito, *Anopheles stephensi* (Liston) exposed to insect growth regulator, Novaluron. *Insect Environ.* Vol. 17(1): 43-44. (ISSN No.0975-1963).
6. Sivakumar, R., Jebanesan, A., Govindarajan, M and **Rajasekar, P.** 2011. Larvicidal and repellent activity of tetradecanoic acid against *Aedes aegypti* (Linn.) and *Culex quinquefasciatus* (Say.) (Diptera: Culicidae). *Asian Pacific J. Tropical Medicine.* 706-710. (ISSN No.1995-7645). Impact Factor 1.06.
7. Sivakumar, R., Jebanesan, A., Govindarajan, M and **Rajasekar, P.** 2011. Oviposition attractancy of dodecanoic, hexadecanoic and tetradecanoic acids against *Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae). *European Review for Medical and Pharmacological Sciences.* 1-4. (ISSN No.1128-3602). Impact Factor 1.21.
8. **Rajasekar, P** and Jebanesan, A. 2011. Efficacy of IGRs compound Novaluron and Buprofezin against *Culex quinquefasciatus* mosquito larvae and pupal control in pools, drains and tanks. *International journal of research in biological sciences.* 2(1),45-47. (ISSN No.2249-9687).
9. Jebanesan, A., **Rajasekar, P.**, and SHABIR AHMAD PAUL 2012. Influence of climatic factors on the distribution of tree hole mosquitoes collected from Kashmir valley, India. *International Journal of Environmental Biology.* 2(2): 92-96. (ISSN No.2277-386X). Impact Factor 0.56.

10. Jebanesan. A, **P.Rajasekar** and Shabir Ahmad PAUL.2012. Morphology of tree holes and their mosquitoes collected from Kasmir valley, India *International Journal of Research in Biological Sciences* 2(3): 94-97. (ISSN No.2249-9687).
11. **P.Rajasekar**, and A`Jebanesan, Mohamed Shamsudin, I.Antony Joseph Jerold, M.Meeramaideen, M0hamed Hussain and Jeyakumar.2015 Bioefficacy of Hexaflumuron on emergence inhibition of fourth larval stages of *Aedes aegypti*, *Culex quinquefasciatus* and *Anopheles stephensi*.*International Journal of Modern Research and Reviews*.3(6)709-710. (ISSN No.2347-8314). Impact Factor 1.2
12. **P.Rajasekar**, and A`Jebanesan, Mohamed Shamsudin, I.Antony Joseph Jerold,M.Meeramaideen and Mohamed Kasim.2015. Larvicidal activity of three chosen plants essential oil against the mosquito vector, *Culex quiquefasciatus* (Say). *Life Science Archives*. 1(4)272-276. (ISSN No.2454- 1354). Impact Factor 1.15.

TRAINING/WORKSHOP PROGRAMME ATTENDED

1. Attended National International Programme For Research Scholars. UGC Academic Staff College. Pondicherry University, 30th September to 1st October 2010.
2. Attended national level training cum workshop on “Recent Trends in animal taxonomy and systematic in Loyola College, Chennai from 23th to 26th February, 2011.
3. Attend National Workshop on Advances in Modern Biology in Department of Zoology, S.P.W.Degree and PG College, Tirupati from 28th to 30th October , 2010
4. Attend national workshop on academy- industry meet to upgrade herbal medicine, Annamalai University, Chidambaram. 8th august, 2011
5. Attend national workshop on Fin Fish Culture in Government Arts College, Kumbakonam, 22-24 February,2013.

SYMPOSIA/CONFERENCE/SEMINAR

1. Participated and presented and research paper on environmental awareness and research for sustainable development (EARS-2010). Annamalai University, Chidambaram from 20th & 21th august,2010.
2. Participated and presented the research paper on national conference on aggrandize of life science in Annamalai University, Chidambaram. 29th and 30th march 2010. (ALISCI-2010).
3. Participated harmful beneficial insect of agricultural importance with special reference to the nuisance pest *Lupropstritis* in rubber plantations. PG & Research department of Zoology. ST. Joseph's College, Devagiri, Calicut. 17th and 18th February 2011.
4. Participated inter disciplinary national seminar on bio-diversity conservation and sustainable development in connection with 2010.international year of biodiversity. Annamalai University, Chidambaram. 20thand21th December,2010.
5. National seminar on advances in biological sciences Annamalai University, Chidambaram. 22nd to 23th January,2010.
6. Participated UGC sponsored national conference on “advances in environmental research: an inter disciplinary approach ” (AERIA-2011). Annamalai University, Chidambaram. 11th and 12th March, 2011.
7. Participated and presented the national conference environmental protection and management.Loyola College, Chennai, 29th and 30th August, 2011.
8. Participated and presented the national conference on Biosafety for Health Security in Periyar Government Arts College, Cuddalore. 23th and 24th July 2011.
9. Participated and presented the national conference on ‘Water Resources Management in Tamilnadu in Jamal Mohamed College, Trichy. March 6, 2011.
10. Participated and presented the national conference on ‘Sustainable Resource Management and Productive environment, Jamal Mohamed College, Trichy. March 6, 2011.

EXPERIENCE GAINED IN FIELD WORK

1. Collection and Identification of Mosquito *Ades aegypti* and *Culex quinquefasciatus* and *Anopheles stephensi*.
2. Culture of Fresh Water Mussel, Fish for live feed and Marine Zooplankton for live feed.
3. Aquarium and Ornamental fish maintenance.

SKILL IN SCIENTIFIC INSTRUMENTS OPERATION

1. Handling of phase contrast, dark field, bright field, and florescence Microscope.
2. Specimen preparation/operation of Transmission and Scanning Electron Microscope.
3. Handling UV/visible spectrophotometer and Fluorescent spectrophotometer.

COMPUTER KNOWLEDGE

1. Well versed in windows based programme office Packages like, Word, Excel, Power Point and Project.
2. Internet Communication.

P. RAJASEKAR
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Date is up to January 2016.