

PROFORMA FOR BOI-DATA

1. Name and full corresponding address: P.RAJASEKAR,ASSISTANT PROFESSOR, JAMAL MOHAMED COLLEGE, TRICHY-20
2. Email(s) and contact number(s): rajasekar275@gmail.com and 9943822028
3. Institution: JAMAL MOHAMED COLLEGE
4. Date of Birth: 12.05.1984
5. Gender (M/F/T): MEN
6. Category Gen/SC/ST/OBC: OBC
7. Whether differentially abled (YES/NO): NO
8. Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University/Institution	% of marks
1	B.Sc Zoology	2002 to 2005	Zoology	Bharathidasan University, Trichy/ Raja Sarfoji Govt. College,Thanjavur	53
2	M.Sc Zoology	2005 to 2007	Zoology	Bharathidasan University, Trichy/ A.V.V.M. Sri Pushpam College, Thanjavur.	68
3	M.Phil Zoology	2007 to 2008	Zoology	University of Madras/ Presidency college, Chennai.	76
4	Ph.D Zoology	2009 to 2012	Zoology	Annamalai University Chidambaram	Duly appointed

9. Ph.D thesis title, Guide Name, Institute/ Organization/University, Year of Award
Title: Effect of Insect Growth Regulator on the biology and behavior of some vector mosquitoes (Diptera: Culicidae)
Guide Name: A. JEBANESAN, Associate Professor
Institute: Annamalai University
Year of Award: 2012

10. Work experience (in chronological order)

S.No	Position held	Name of the institute	From	To
1	Guest lecturer	Government Arts and Science College (Men). Kumbakonam	November,2012	November,2013
2	Assistant Professor	Jamal Mohamed College/ Trichy	December,2013	Till date

11. Professional recognition/ Award/ Prize/Certificate, Fellowship received by the applicant.

S.No	Name of Award	Awarding Agency	Year
Nil	Nil	Nil	Nil

12. Publication (*List of papers published in SCI Journals, in year wise descending order*).

S. No	Author(s)	Title	Name of Journal	Volume	Page	Year
1	Rajasekar, P and Jebanesan, A	Larvicidal activity of pyrethroids against mosquitoes <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae)	<i>International Journal of Biological Science</i>	1(2)	141-143	2010
2	Sivakumar, R., Jebanesan, A., Govindarajan, M and Rajasekar, P	Larvicidal and repellent activity of tetradecanoic acid against <i>Aedes aegypti</i> (Linn.) and <i>Culex quinquefasciatus</i> (Say.) (Diptera: Culicidae).	<i>Asian Pacific Journal Tropical Medicine</i>	1	706-710	2011
3	Sivakumar, R., Jebanesan, A., Govindarajan, M and Rajasekar, P	Oviposition attractancy of dodecanoic, hexadecanoic and tetradecanoic acids against <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae)	European Review for Medical and Pharmacological Sciences	1	1-4	2011
4	Rajasekar, P and Jebanesan, A	Emergence inhibition effect of insect growth regulator Novaluron and Buprofezin against mosquitoes (Diptera: Culicidae)	<i>Journal Pestology</i>	35(2)	34-36	2011
5	Rajasekar, P and Jebanesan	Influence of insect growth regulators, Novaluron and Buprofezin treatment on oviposition of mosquitoes	<i>Biological Science</i>	5(2)	81-83	2011
6	Rajasekar, P and Jebanesan	Influence of short time exposure to an	<i>Journal Pestology</i>	35(6)	43-47	2011

		insect growth regulator, Novaluron on mortality and adult emergence of mosquitoes				
7	Rajasekar, P and Jebanesan, A	Emergence inhibition in pupae of mosquito, <i>Anopheles stephensi</i> (Liston) exposed to insect growth regulator, Novaluron	<i>Insect Environment</i>	17(1)	43-44	2011
8	Rajasekar, P and Jebanesan, A	Efficacy of IGRs compound Novaluron and Buprofezin against <i>Culex quinquefasciatus</i> mosquito larvae and pupal control in pools, drains and tanks	<i>International journal of research in biological sciences</i>	2(1)	45-47	2011
9	Jebanesan, A., Rajasekar, P. , and Shabir Ahmad Paul	Influence of climatic factors on the distribution of tree hole mosquitoes collected from Kashmir valley, India	<i>International Journal of Environmental Biology</i>	2(2)	92-96	2012
10	Jebanesan. A, P.Rajasekar AND Shabir Ahmad Paul	Morphology of tree holes and their mosquitoes collected from Kasmir valley, India	<i>International Journal of Research in Biological Sciences</i>	2(3)	94-97	2012
11	Rajasekar, P , Jebanesan, A, Mohamed Shamsudin, Joseph Antony Jerald, Meeramaideen, M, Mohamed Hussain. S and Jeyakumar. S	Bioefficacy of Hexaflumuron on emergence inhibition of four larval stages of <i>Aedes aegypti</i> , <i>Culex quinquefasciatus</i> and <i>Anopheles stephensi</i>	International Journal of Modern research and reviews	3(6)	709-710	2015
12	Rajasekar, P , Jebanesan, A, Mohamed Shamsudin, Joseph Antony Jerald, Meeramaideen, M and Mohamed kasim	Larvicidal activity of three chosen plants'essential oil against the mosquito vector, <i>Culex quinquefasciatus</i> .	International Journal of Life Science Archives	1(4)	272-276	2015
13	Rajasekar, P , Jebanesan, A, Mohamed Shamsudin, Joseph Antony Jerald,	Larvicidal effects of essential oils from three medicinal plants against <i>Aedes aegypti</i>	International Journal of Modern research and reviews	4(6)	1181-1183	2016

	Meeramaideen,M, Salahudeen.M and Thiruppathi.R					
14	Rajasekar, P, Jebanesan, A, Mohamed Shamsudin, Joseph Antony Jerald, Meeramaideen,M, Salahudeen.M and Thiruppathi.R	Ovicidal response effects of selected plant essential oils against <i>Aedes aegypti</i>	International Journal of Advanced Applied Scientific Research	1(5)	1-3	2016
15	M. Meeramaideen, P.Rajasekar, K.Sumathi and P. Ganesh Prabu	studies on the morphometric and economic parameters analysis of silkworm bombyx mori (l.) (lepidoptera : bombycidae) fed with amino acid (lysine) treated mr2 mulberry leaves	international journal of modern research and reviews	5	1468- 1473	2017
16	M. Meeramaideen, P.Rajasekar, M.balamurugan and P. Ganesh Prabu	studies on the feed efficacy, growth rate and economic traits of silkworm bombyx mori (l.) (lepidoptera : bombycidae) fed with riboflavintreated kanva-2 mulberry leaves	international journal of modern research and reviews	5(1)	1460- 1467	2017
17	Dr. Ramesh V*, Pushparaj K, Ganesh Prabu P, Rajasekar P	nutritional supplementation of amino acid l-serine on silkworm bombyx mori (l.) larvae in relation to growth rate and silk production	Reaserch journal of lifesience,Bioinform atics,Pharmaceutical and Chemical Sceince		301-312	2018
18	Dr. Ramesh V*, Pushparaj K, Ganesh Prabu P, Rajasekar P	feed efficacy of silkworm bombyx mori (l.) larvae fed the mr2 mulberryleaves fortification with amino acidl-serine in relation to growth and development	Journal of Emerging Technologies and Innovative Research	5(7)	539-551	2018
19	Karthikkumar Venkatachalam,Ramac handran Vinayagam Mariadoss Arokia	Biochemical and molecular aspects of 1,2- dimethylhydrazine	Toxicology Research		1-17	2020

	Vijaya Anand, Nurulfiza Mat Isa ³ and Rajasekar Ponnaiyan	(DMH)-induced colon carcinogenesis: a review				
20	Venkatachalam Karthikkumar, Singa ravelu Anbu, Ponnaiyan Rajasekar	Beneficial Biological role of Allium hirtifolium on various diseases	Research Journal of Pharmacy and Technology	13(2)	1009- 1014	2020
21	P. Rajasekar, M.Meeramaideen and M.Salahudeen	Efficacy Of IGRS Compound TRIFLUMURON and METHOPRENE against CULEX QUINQUEFASCIATU S Mosquito Larvae and PUPAL CONTROL IN POOLS, DRAINS AND TANKS	Uttar Pradesh Journal of Zoology	42(12)	8 - 14	2021
22	P. Rajasekar, M.Meeramaideen and M.Salahudeen	Effect of Insect Growth Regulators, Hydroprene and Methoprene Treatment on Oviposition of selected Three Mosquitoes	Annals of the Romanian Society for Cell Biology	25(5)	1474 - 1481	2021
23	P. Rajasekar, M.Meeramaideen and M.Salahudeen	Effect of Insect Growth Regulating compounds methoprene on oviposited and short time exposure against a selected three vector mosquitoes	Uttar Pradesh Journal of Zoology	42(19)	126 - 136	2021

13. Details of patents.

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	Nil	Nil	Nil	Nil	Nil	Nil

14. Books/ Reports/Chapter/ General articles etc.

S.No	Books/ Reports/Chapter	Author(s) Name	Publisher	Year of Publishing
1	Challenges to environment and health	rajasekar	Jamal Mohamed college	2020

15. Conference organized – one International conference

16. 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.
17. SYMPOSIA/CONFERENCE/SEMINAR
1. Participated and presented and research paper on environmental awareness and research for sustainable development (EARSD-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 *Lupropstristis* in rubber plantations. PG & Research department of Zoology. ST. Joseph’s College, Devagiri, Calicut. 17th and 18th February 2011.
 4. Participated inter diseiplinary national seminar on bio-diversity conservation and sustainable development in connection with 2010.international year of biodiversity. Annamalai University, Chidambaram. 20th and 21th 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.