



PROFILE

GENERAL INFORMATION

Name : Dr.C.A.Annapoorani
Qualification : M.Sc., M.Phil., Ph.D., M.Ed
Department : Zoology
Designation : Assistant Professor (Temporary)
Permanent Address : No 2, 2nd street,
Sennanoor, Thenkarai
Coimbatore – 641101
Email id : anuserankanna@gmail.com
Contact No : 9842822999
Area of specialization : Entomology and Toxicology
Teaching experience : 1year at UG level; 3 years at PG level
Thesis Completed : M.Sc., (3 completed)
Date of Joining our Institution : 08.09.2014
Previous experience : 5 years teaching experience in matriculation schools

Publications

S. No	Authors	Title of the Article	Name of the Journal, Vol. Year, page No	ISSN No. and Impact Factor
National Journals				
1	Manimegalai, K., Annapoorani, C.A. and Dhanalakshmi, D.	Evaluation of larvicidal activity of the leaf and seed extracts of <i>Abrus precatorius</i> against <i>Culex quinquefasciatus</i> (Diptera: Culicidae).	Plant Archives.1(1)2011 pp311-313.	0972-5210
2.	Manimegalai, K.,	Larvicidal activity of	Plant Archives.	

	Annapoorani, C.A. and Dhivya, R.	<i>Thevetia nerifolia</i> against <i>Culex quinquefasciatus</i> (Diptera: Culicidae).	11(1) 2011 pp 491-493.	0972-5210
International Journals				
1.	Annapoorani, C.A. and Manimegalai, K.	Screening of medicinal plant <i>Momordica charantia</i> leaf for secondary metabolites. <i>International Journal of Pharmaceutical Research and Development</i> . 5(3) 1-6.	International Journal of Pharmaceutical Research and Development. 5(3) 2013, 1-6.	0974-9446. Impact factor: 2.01.
2.	Annapoorani, C.A. and Manimegalai, K.	Comparative efficacy of <i>Momordica charantia</i> leaf and seed extracts against the filarial vector <i>Culex quinquefasciatus</i> .	International Journal of Pharma and Bioscience. 4 (3) 2013, 83-87.	0975-6299. Impact factor- 0.47.
3.	Manimegalai, K. and Annapoorani, C.A.	<i>Aegle marmelos</i> as an effective agent against the fourth instar larvae of <i>Culex quinquefasciatus</i>	International Research Journal of Pharmaceutical and Applied Sciences. 3(4) 2013, 64-68.	ISSN: 2277-4149.
4.	Annapoorani, C.A. and Manimegalai, K.	Evaluation of Biological activity of 2, 5-Dihydroxybenzoic acid from <i>Momordica charantia</i> fruit and qualitative analysis.	International Journal of Pharmaceutical Sciences Review and Research. 22(2) 2013, 89-95	eISSN: 0976-044X Impact factor - 1.704.
5	Manimegalai, K., Vikram Sivasakthi, M. and Annapoorani.C.A.	Leaf and seed extracts of <i>Abutilon indicum</i> against the fourth instar larvae of <i>Culex quinquefasciatus</i> .	International Journal of scientific research 2(10) 2013, 4-6.	ISSN: 2277- 8179. Impact factor - 0.3371.
6	Annapoorani, C.A. and Manimegalai, K.	Homology modelling of <i>Culex quinquefasciatus</i> salivary gland protein and	International Journal of Current	ISSN: 0975 - 833X. Impact factor - 1.125.

		molecular docking study using compounds from <i>Capsicum annum</i> L.	Research. 5 (10)2013, pp. 3044 - 3047.	
7	Annapoorani, C.A. and Manimegalai, K.	In silico molecular docking studies for identification of larvicidal compounds in <i>Momordica charantia</i> targeting the odorant binding protein of <i>Culex quinquefasciatus</i> .	International Journal of Recent Scientific Research. . 5 (10)2014, pp. 3044 - 3047.	ISSN: 0975 - 833X. Impact factor - 6.86.
8	Annapoorani, C.A.	Toxic effect of Aluminium on reproduction and survival of <i>Eudrilus eugeniae</i> (Kinberg) on leaf litter.	International Journal of Current Microbiology and Applied Sciences (IJCMAS).2014, 3 (5) 493-500.	ISSN: 2319-7706. Impact factor - 4.111.
9	Annapoorani, C.A.	Toxicity assessment of aluminium on vermicomposting ability of <i>Eudrilus eugeniae</i> (Kinberg) on leaf litter.	Bio Med Research Journals. Article ID: PTR14 04; 1(1) 2014 pp: 1-6.	Open Access journal. Impact Factor - 2.476. ISSN: 2349-4581
10	Afrin jumana A., Annapoorani, C.A. and Divyabarathi M.	Repellent activity and phytochemical screening of fruit extracts <i>Tamarindus indica</i> L. against <i>Culex quinque fasciatus</i> .	European Journal of Biomedical and Pharmaceutical Sciences (<i>ejbps</i>). 5(5)2018, 1019-1025.	ISSN: 2349-8870. SJIF Impact Factor - 4.918.
11	Afrin jumana A., Annapoorani C.A. and Dilna M. T.	Mosquito repellent activity and phytochemical analysis of medicinal and aromatic plant, <i>Plectranthus ambionicus</i> (lour) against <i>Culex quinquefasciatus</i> .	World Journal of Pharmaceutical Research (WJPR). 7(10)2018 777-789.	ISSN: 2277– 7105. SJIF Impact Factor - 7.523.
12	Annapoorani C. A., Ayisha Chithiga S.	Species composition and seasonal dynamics of	European Journal of	2349-8870. SJIF Impact Factor -

	and Manimegalai K.	mosquitoes in Coimbatore, Tamil nadu, India.	Biomedical and Pharmaceutical Sciences (<i>ejbps</i>). 5(6) 2018, 447-452.	4.918.
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International / National Conferences/Seminars presented a paper

S. No	Event	Sponsor	Venue	Date(s)
1	National Symposium on “Recent Trends in Applied Biology”	-	Avinashilingam Deemed University, Coimbatore.	28&29 .01 .2004.
2	International Symposium on “Environmental Risk assessment”	-	Bharathiar University Coimbatore	17&19.10. 2011.
3	National Conference on “Biotechnological approaches in aquaculture”	-	Bharthiar University Coimbatore	1& 3. 02. 2012.
4	“Science and Technology for Clean and Green Environment”	-	Annamalai University Annamalainagar	28&29.07. 2012
5	Interdisciplinary National conference on “Biodiversity and Eco-Tourism”	UGC, DST-CURIE and TNSCST	Avinashilingam University for Women, Coimbatore	7& 8.01.2013
6	International conference on “Conservation Strategies for Bioresources”	UGC, DBT, CSIR and DRDO	PSGR Krishnammal College for Women, Coimbatore	5 & 6.02. 2013
7	“An Interface of Biology with Nanotechnology”	UGC	Nirmala College for Women (Atonomous) Coimbatore	8 .10.2012

International / National Conferences/Seminars/Workshops attended

S. No	Event	Sponsor	Venue	Date(s)
1	“Bioinformatics	UGC	Government Arts College, Coimbatore	19.10.2004
2	5 days “Summer Camp Programme” conducted by Siruthuli Environmental Welfare Organization during	-	VLB Matriculation Higher Secondary School as institutional coordinator	2008-2009
3	National Seminar on “Quality Enhancement in Higher Education”	IQAC	Avinashilingam University for women, Coimbatore	18.03.2010
4	International Seminar and Training Programme on “3 rd Asian Lepidopteron Conservation Symposium”	-	Bharathiar University Coimbatore	25.10. 2010 – 29.10. 2010
5	Workshop on “Path finder – Explore, Experiment, and Elucidate Research” Colloquium	-	Avinashilingam University for Women, Coimbatore	22&23. 12. 2010
6	“Entrepreneurial Stimulation for Youth”	-	Avinashilingam Deemed University for Women, Coimbatore	29&30.03. 2011.
7	“Research Ethics and Post Research Perspectives” “Research Ethics and Post Research Perspectives”	-	Avinashilingam Institute for Home Science and Higher Education for Women	10&11.08.2011
8	Workshop on “Culture Techniques of Microbes”	UGC	Avinashilingam Institute for Home Science and Higher education for Women	16&19 .09.2011
9	Work shop on “Immuno Histochemical and Immuno cytochemical Analysis” conducted by Dr.Jin Man Kim, Head of Pathology, Chungnam University, S. Korea,	DST – CURIE	Avinashilingam Institute for Home Science and Higher education for Women	13&18.02.2012.
10	Two day Lecture Programme on “Thrust areas for future	IIT	PSGR Krishnammal College for Women	27&28.09.2012.

	researchers in Biological Sciences”			
11	“An Interface of Biology with Nanotechnology”	UGC	Nirmala College for Women (Atonomous) Coimbatore	8 .10. 2012
12	“Exploring the Potential of Multiple-choice Questions in Assessment”	UGC	Department of Education, Avinashilingam Institute for Home Science and Higher education for Women	9.01.2013
13	Academic Salon cum Workshop on “Portfolio Assessment and Rubrics in Evaluation”	UGC	Department of Education, Avinashilingam Institute for Home Science and Higher education for Women	10.01.2013.
14	Eco – Waste Management and Nanobiology “EWMN – 2016”	UGC	Sri G.V.G. Visalakshi College for Women, Udumalpet	20.10.2016
15	Recent Trends and Advances in “Bio-Composting” conducting the Department of Zoology,	-	NGM College, Pollachi	23.12.2016
16	One-Day Workshop on “Intellectual Property Rights and Patenting”	DST-CURIE	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore - 43,	20.09.2017

Popular Article

S. No	Authors	Title of the Article page No	Month &Year
1	Manimegalai, K and Annapoorani, C. A.	Paravaigalai parthal. Vingnana Sudar. P. No. 54-55.	September 2011
2	Annapoorani, C. A.	Arokiya valvikku udhavum unavu murai I. Vingnana Sudar. P. No. 28-29.	September 2011.
3	Annapoorani, C. A.	Arokiya valvikku udhavum unavu murai II. Vingnana Sudar.P.No. 57-60.	October 2011.
4	Annapoorani, C. A.	Keeraigalin mukkiya payangal. VingnanaSudar.	November

		P.No. 13-14.	2011.
5	Annapoorani, C.A.	Unaveudal nalathin ragasiyam. Vingnana Sudar.P. No. 9-11.	December 2011.
6	Manimegalai, K and Annapoorani,C.A.	Anilgaliyarkain ellilgal.Vingnana Sudar. P. No. 29 - 30.	January 2012.
7	Manimegalai, K and Annapoorani, C. A.	India anilgal. Vingnana Sudar. P. No. 29 - 30.	February 2012.
8	Manimegalai, K and Annapoorani, C. A.	Veetu eekkal.Vingnana Sudar. P.No. 37.	March 2012.
9	Manimegalai, K and Annapoorani, C. A.	Karisalangkanni keerain maruthuva gunangal. Vingnana Sudar. P. No. 4-5	May 2012.
10	Annapoorani. C. A.	Neerindri amaiyadhu ulagu. Vingnana Sudar. P. No. 11-12.	June 2012.
11	Annapoorani. C. A.	Alaiya virundhaligal – Kosukkal. Vingnana Sudar.P.No.11-13.	August 2012.
12	Annapoorani.C.A.	Veetuthothirku varugaiharum paravaigal. Vingnana Sudar. P.No.24-26.	March 2013.
13	Annapoorani. C. A.	Neer nilangal uirinangalin valvadarangal. Vingnana Sudar. P.No. 47-49.	April 2013
14	Annapoorani. C. A.	Iyarkaiyin magathana maruthuva aatral Vingnana Sudar.41(1) 52-54.	January 2014.

MSc., M.phil., Ph.D., & M.Ed Project details

S. No	Degree & Year	Project Title	Board/ University
1.	M.Sc Life Sciences, 2003	“Effect of <i>Calotropis procera</i> leaf and seed extract on the developmental stages of filarial vector <i>Culex quinquefasciatus</i> (Diptera: Culicidae)”.	Avinashilingam University for Women Coimbatore – 43
2.	M.Phil Zoology, 2005	“Effect of aluminium on some reproductive parameters and vermi composting ability of <i>Eudrilus eugeniae</i> (kinberg) on leaf litter”.	Bharathiar University, Coimbatore – 46
3.	M.Ed General, 2010	“A study of Scientific Attitude among High School Students”.	Avinashilingam Deemed University for Women Coimbatore – 43
4.	Ph.D Zoology, 2014	“Population dynamics and <i>insilico</i> approaches of larvicidal activity of selected plant extracts against filarial	Avinashilingam Institute for Home Science and Higher Education for

		vector, <i>Culex quinquefasciatus</i> (Diptera: Culicidae)”. Women Coimbatore – 43
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Awards and Recognition : Recipient of DST CURIE fellowship funded by DST for doing Ph.D for the year 2010 July - October 2014.

Any other relevant information

- IQAC, Department of Zoology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore
- Alumni association, Department of Zoology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore