

Profile of Dr. G. MAHESWARI



- (i) Designation : ASSISTANT PROFESSOR (SS)
 (ii) Department : ZOOLOGY
 (iii) Qualification : MSc., M.Phil., PhD
 (iv) Experience : 12 YEARS
 (v) Specialization : ENTOMOLOGY
 (vi) Email id : maheskumaran1@gmail.com
 Mob No:--9488153880

Research Guidance :

EDUCATIONAL QUALIFICATION

Degree	Year	College	University	Percentage of Marks	Class Obtained	Field of specialisation
B.Sc.	1992-95	SeethalakshmiRamaswamy College, Trichy	Bharathidasan University, Trichy	64.16	1 st Class	Zoology
M.Sc.	1995-97	AvinashilingamDeemed University, Coimbatore	Avinashilingam Deemed University, Coimbatore	80.14	1 st Class with Distinction	Life Sciences - Zoology
M.Phil.	1997-98	AvinashilingamDeemed University, Coimbatore	Avinashilingam Deemed University, Coimbatore	79	1 st Class With Distinction. Thesis Highly Commended	Life Sciences - Zoology
Ph.D.	1999-04	Avinashilingam Deemed University, Coimbatore	Avinashilingam Deemed University, Coimbatore	Highly Commended		Life Sciences -Zoology

(vii) Publications

A. PUBLICATION IN JOURNALS AND CONFERENCE PROCEEDINGS

SL.NO	AUTHOR	ABSTRACTS / PAPERS
1	Maheswari.G and Sarojini Sukumar.	Evaluation of scientific post harvest technologies and feed back studies for preserving grains in rural houses and farm houses. Fifth seminar cum exhibition on Students Project Scheme, Tamil Nadu State Council for Science and Technology, 1997 P.11
2	Maheswari,G. and SarojiniSukumar .	Control of <i>Callosobruchusmaculatus</i> in green gram using biopesticides, 1999. Proceedings of the National symposium on Biological control of insects in agriculture, forestry, medicine and veterinary science,1999 . P.11.
3	Maheswari . G and Sarojinisukumar	Iyandramurayildhaniangalilullapoochigalaipidikkapudiavazhimuraigal, 6 th Tamizhaka arivialperavai, Aram karutharangaavu malar May 8-10, 1998; Pp.19-22;
4	Maheswari,G. and SarojiniSukumar	Efficacy of automatic insect removal bin in the control of rice weevil, <i>Sitophilus oryzae</i> and red flour beetle, <i>Triboliumcastaneum</i>

B. LIST OF PAPERS PRESENTED IN CONFERENCES /SEMINARS

SL.NO	AUTHOR	ABSTRACTS / PAPERS
1	Maheswari.G and SarojiniSukumar.	Evaluation of scientific post harvest technologies and feed back studies for preserving grains in rural houses and farm houses. Fifth seminar cum exhibition on Students Project Scheme, Tamil Nadu State Council for Science and Technology, 1997 P.11
2	Maheswari,G. and SarojiniSukumar.	Eco-friendly control of stored grain insect pests. Proceedings of XVI National symposium on Reproductive biology and comparative endocrinology,1998 P.61.
3	Maheswari . G &Sarojinisukumar	6 th Tamizhakaarivialperavai, Aram karutharangaavu malar 1998; Pp.19-22;
4	Maheswari,G. and SarojiniSukumar.	Control of <i>Callosobruchusmaculatus</i> in green gram using biopesticides, 1999. Proceedings of the National symposium on Biological control of insects in agriculture, forestry, medicine and

		veterinary science,1999 . P.11.
5	Maheswari,G. and SarojiniSukumar.	Comparative efficacy of neemproducts,lindane dust and activated clay on the control of <i>Callosobruchusmaculatus</i> (F.) in mung bean. Abstracts of research paers presented at XXIII Indian social science congress,1999 . P.56.
6	Maheswari,G. and SarojiniSukumar.	A new device to trap the stored product insects pests. National seminar on Eco-friendly environment for sustainability,2000 P.80.
7	Maheswari,G., Shanthi.E, and SarojiniSukumar.	Traps for detecting and removing insects pests in stored rice. National seminar on Current trends in biological sciences, 2002 . P.37.
8	Geetha.B, Jothirlatha,G, Maheswari,G. , Shanthi.E, and SarojiniSukumar.	Impact of selected plant extracts against the pulse beetle, <i>Callosobruchus maculates</i> (F.) in green gram, <i>Vignaradiata</i> . National conference on Recent trends in insect control, 2003.P.17.
9	Maheswari,G. and SarojiniSukumar.	Detection of insect infestation in farm-stored food grains. National symposium on recent trends in applied biology,2004 P.89.
10	Geetha,B., PotsangbamSanahanbi Devi, Maheswari,G., Shanthi.E., and SarojiniSukumar.	Insecticidal activities of extracts from <i>Solanumnigrum</i> and <i>Sesbaniaaegyptiaca</i> against <i>Callosobruchusanalis</i> infesting green gram. National symposium on Recent trends in applied biology,2004. P.91.
11	Jothirlatha,C., Sasikala,S., Maheswari,G., Shanthi.E. and SarojiniSukumar.	Efficacy of indigenous plant products in the management of <i>Callosobruchusanalis</i> . National symposium on Recent trends in applied biology,2004. P.101.
12	Maheswari,G. and SarojiniSukumar.	Efficacy of automatic insect removal bin in the control of rice weevil, <i>Sitophilusoryzae</i> and <i>Red flour beetle, Triboliumcastaneum</i> . Research Highlights, 2002, Vol.12 (4), P.
13	KarbagamB.andMaheswari,G.	Impact of selected leaf extracts on the management of pulse beetle, <i>Callosobruchus maculates</i> [F.]. International congress of global warming on biodiversity of incets;Management and conservation, 2009 . P. 36.
14	Maheswari,G. and SarojiniSukumar	Regional seminar on “Medicinal plants-A boon to community” Department of Botany, Avinashilingam Institute for Home Science and Higher Education for women, Coimbatore.P.53
15	Maheswari,G. and SarojiniSukumar	International conference on “Global competitiveness in Biology, Chemistry and Environment: For a better tomorrow”, Proteofest-2011 Department of Biochemistry,

		Rev.JacobMemorial Christian college, Ambilikkai-624 612, Tamil Nadu. P. 49
16	Maheswari,G. and Sarojini Sukumar	2 nd International congress on “Global warming on biodiversity of insects: Management and conservation”,(GW-BIMC’11), organized by Department of Zoology, School of Life sciences, Bharathiar University, Coimbatore .
17	Kavitha, S. and Maheswari, G.	UGC sponsored International conference on “Recent advances in synthetic biology” on 8 th and 9 th January 2015 organised by the Department of Biotechnology and Bioinformatics’ Bishop Heber College(Autonomous) Tiruchirapalli-620 017, TamilnaduIndia .P.
18	Sona, S. and Maheswari, G.	“Antifungal activity of citrus fruit peel extracts against greengram microflora” in the International conference on Translational Cancer Research (ICTCR - 2015) held at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore during 14 – 15 December, 2015
19	Keerthana, D. and Maheswari, G.	“Population dynamics of stored product insect pests in varietal food commodities” ” in the XV AZRA International Conference on “Recent advances in life sciences” held at PG and Research Department of Zoology, Plant Biology and Plant Biotechnology and Biochemistry Ethiraj College for Women, Chennai India in collaboration with Applied Zoologists Research Association (AZRA),
20	Gurulakshmi,N. and Maheswari, G.	“Antifungal activity of selected medicinal plants against the storage fungi, <i>Aspergillus flavus</i> ” in the XV AZRA International Conference on “Recent advances in life sciences” held at PG and Research Department of Zoology, Plant Biology and Plant Biotechnology and Biochemistry Ethiraj College for Women, Chennai India in collaboration with Applied Zoologists Research Association (AZRA), Bhubeneswar and Zoological Survey of India during 11 th – 13 th February, 2016
21	Maheswari, G. and Sangeetha, K	Insecticidal activity of selected aromatic flower extracts against the pulse beetle, <i>Callosobruchus maculatus</i> (F.) Department of Zoology Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore 641 043 DST – CURIE

		sponsored two days National conference on “Medicinal plant research and translational trends” on 18 th and 19 th December, 2017 organized by the Departments of Biochemistry, Chemistry, Zoology and Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore
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C. PUBLICATIONS IN VINGHANA CHUDAR:

S.NO.	TITLE	DATE
1.	Thenikalinazhivaithadukkamudiyuma	August, 2009
2.	Maruthuvammattrumunavuurpathiyilpoonjaigalinpangu	September, 2009
3.	Arinthukolvom	October , 2010

D. Subject books published with ISBN numbers

S.N O.	AUTHORS	CHAPTER IN BOOKS/ EDITED BOOKS / FULL BOOK	PUBLISHER	ISBN NO.
1	Poonkothai,M., Maheswari,G. and Krishnaveni, N.	Safety and disaster management education in schools	Samyuktha Publications, 1/51,Perumalkoil street, Swarnapuri Salem – 636 004	ISBN 978-93-81724-12-5

IX. CONFERENCES / SYMPOSIA / WORKSHOPS / TRAINING PROGRAMME ATTENDED

1. Workshop on 'Environmental Impact Assessment' conducted jointly by the Department of Life Sciences, Avinashilingam Deemed University, Coimbatore and Environmental Resources Unit, University of Salford, U.K. under the auspices of the Higher Education Link Programme sponsored by the British Council from 14th September to 18th September 1995.
2. Workshop on "Visioning for Creating a Sustainable Future" conducted on 29th January 1996, jointly by the Department of Life Sciences, Avinashilingam Deemed University, Coimbatore, Tamil Nadu, India and Environmental Resource Unit, University of Salford, U.K. under the auspices of the Higher Education Link Programme sponsored by the British Council.
3. Fifth seminar cum exhibition on Student Project Scheme organised by Tamil Nadu State Council for Science and Technology at PSG Tech, Coimbatore on 26th July, 1997.
4. One day seminar on "Environmental Protection" organised by Bhavani River Protection Council and held at Avinashilingam Deemed University on 8th December 1997.
5. Demonstration cum training programme on "Bio-Diversity Conservation" conducted by Institute of Forest Genetics and Tree breeding (Govt. of India), Coimbatore under INDP – ICFRE project on 17th December 1997.
6. National symposium on Reproductive Biology and Comparative Endocrinology, held at Govt. Guest House, Thycaud Trivandrum from January 21-23, 1998.
7. Sixth Tamilaga Ariviyal Peravai Conference held at Avinashilingam Deemed University, Coimbatore from May 8-10, 1998.
8. National symposium on "Biological control of insects in agriculture, forestry, medicine and veterinary sciences held at Bharathiar University, Coimbatore on January 21 and 22, 1999.
9. National Conference on "Biodiversity conservation and sustainable development held at Research Department of Zoology, Erode Arts College, Erode-638 009 on March 25 and 26, 1999.

10. Symposium on “Bioinformatics” conducted on December, 17th 1999.
11. XXIII Indian social science congress held during 26–31December, 1999 at Avinashilingam University, Coimbatore 43.
12. Workshop on “Environmental awareness on quality management of irrigation water” held at Bharathiar University, Coimbatore during February 17-18, 2000.
13. National seminar on “Eco – friendly environment for sustainability “held at Department of Zoology, Annamalai University, Annamalai Nagar – 608 002 on 27 and 28 March 2000.
14. State level workshop on “Immunological techniques” organised by the Post graduate and Research Department of Zoology, The American College, Madurai – 625 002 held during 1-13th May 2000.
15. National seminar on “Current trends in biological sciences” conducted at Avinashilingam Deemed University, Coimbatore on 12th and 13th of December,2002.
16. National conference on “Recent trends in insect control” held in Department of Zoology, Bharathiar University, and Coimbatore on 22 – 24thJanuary, 2003.
17. “Symposium on “A journey down the double helix” organised by the Department of Bio-chemistry, and Bio- technology. Avinashilingam Deemed University, Coimbatore on 24thFebruary, 2003.
18. Seminar on ‘Research perspectives in environmental biology’ conducted at Avinashilingam Deemed University, Coimbatore on 26thFebruary, 2003.
19. National symposium on “Recent trends in applied biology” conducted at Avinashilingam Deemed University, Coimbatore on 28th and 29thJanuary, 2004.
20. Two days workshop on “Communication skills and Transactional analysis” conducted by the Ashacounselingcentre, Coimbatore in collaboration with Avinashilingam Deemed University, Coimbatore from 14 –15th October 2004.
21. Workshop on “Statistical packages – their utility in research and teaching” conducted by the Department of Life sciences –Zoology, Avinashilingam Deemed university , Coimbatore 43 on September 23rd and 24th 2005.

22. Regional seminar on “Medicinal plants- a boon to the community” held on 17th of February 2006 at Avinashilingam Deemed university, Coimbatore -43.
23. Women’s Development programme “Spring board” organised by the British Council and Avinashilingam University for women, Coimbatore. From 14th July 2007 to 24.11.2007.
24. UGC sponsored 67th Orientation course held from 10.09.2007 to 04.10.2007 organised by Academic Staff College, Bharathiar University, Coimbatore – 641 046.
25. Participated in the “ Lions Blood Donation Awareness Rally” held at Coimbatore on 30th September 2007 conducted by Lions Club International.
26. State level seminar on “Climate change and biodiversity” organised by the Department of Zoology, Avinashilingam University for women, Coimbatore on 8th Dec 2008.
27. Avinashilingam University for Women, National Service Scheme and Rajiv Gandhi Institute of Youth Development, Sriperumpudur jointly organised the “Workshop on Life skills Education” from 13.2.2009 to 14.2.2009.
28. State level seminar on “First Youth Festival” sponsored by Tamil Nadu Science Forum, Chennai held at Kongu Arts and Science College, Erode from 23rd to 24th January 2010.
29. National seminar on “Quality Enhancement in Higher Education” sponsored by IQAC, Avinashilingam University for Women, held on 18th March 2010.
30. One day workshop on “Sensitization of UGC norms for Promotion and Recruitment of University Teachers(XI plant regulations)” organized by Avinashilingam Deemed University for Women, Coimbatore on 30th November 2010.
31. UGC sponsored National workshop on “Enhancing Educational Ecosystem” held on 9th and 10th March 2012 at Faculty of Education, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641 108.
32. UGC sponsored 3-days workshop on “Generation and validation of MCQs” from July 1-3, 2013 organised by Avinashilingam University, Coimbatore 641 043.
33. Participated in the UGC sponsored Refresher course in Environmental studies(multidisciplinary) held from 19.11.2013 to 09.12.2013 organised by Academic Staff College, Bharathiar University, Coimbatore – 641 046.

34. Participated in DST- CURIE sponsored National workshop on “Techniques in Biotechnology and Molecular Biology- Analysis of Biological Molecules” conducted at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore from 20th -25th January, 2014.
35. Participated in one day DST-CURIE sponsored National workshop on “Intellectual Property Rights IPR – 2014” on 15th March 2014
36. Participated in the training programme on “ Environmental studies” jointly organised by the Department of Botany and Zoology held from 27th April to 1st May 2015 at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore 641 043
37. One-day National level seminar on “Emerging trends in biosciences” organised by PG and research Department of Zoology, Kongunadu Arts and Science College, Coimbatore 641 029 held on 18th December, 2015 under UGC (CPE)
38. One day workshop on “Scientific data analysis and graphing using software” held at Department of Zoology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on 30th June, 2017
39. One day “Bee keeping training” at the Department of Agricultural Entomology, Tamil Nadu Agricultural University, Coimbatore on 06.07.2017
40. DST _ CURIE sponsored One – Day workshop on “Scholarly communication and quality journal paper writing ” at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on 28th July 2017
41. UGC sponsored two day National Conference on “Teaching in technological era” organised by the Department of Education Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on 9th and 10th August 2017
42. Two days Regional workshop on “Preventing grain losses : Scientific approach” on 30 and 31 August, 2017 organised by Tamil Nadu Agricultural University, Coimbatore
43. DST – CURIE sponsored one day workshop on “Ethical considerations in research” at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on 6th December 2017
44. DST – CURIE sponsored two days National conference on “Medicinal plant research and translational trends” on 18th and 19th December, 2017 organized by the Departments of Biochemistry, Chemistry, Zoology and Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore
45. One day workshop on “Aquarium construction, management and ornamental fish culture” held at Department of Zoology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on 5th January, 2018

X. INTERNATIONAL SEMINARS / CONFERENCES ATTENDED

1. Centre for Women studies and Department of Botony Jointly organised an International seminar on ‘‘Environmental education for academic excellence’’ held on 15.02.2008.
2. International Congress of ‘‘Global Warming on Biodiversity of Insects: Management and Conservation’’ organized by Department of Zoology, School of Life Sciences, Bharathiar University, Coimbatore – 641046 from 9th to 12th February 2009 .
3. International conference on ‘‘Global competitiveness in Biology, Chemistry and Environment: For a better tomorrow’’, organized by Department of Biochemistry, Rev. Jacob Memorial Christian College, Ambilikkai, Tamil Nadu on 3rd February 2011.
4. 2nd International congress on ‘‘Global warming on biodiversity of insects: Management and conservation’’, (GW-BIMC’11), organized by Department of Zoology, School of Life sciences, Bharathiar University, Coimbatore from 24th to 26th August 2011.
5. UGC sponsored International conference on ‘‘Recent advances in synthetic biology’’ on 8th and 9th January 2015 organised by the Department of Biotechnology and Bioinformatics’ Bishop Heber College (Autonomous) Tiruchirapalli-620 017, Tamilnadu India
6. Participated and presented a paper titled ‘‘Antifungal activity of citrus fruit peel extracts against greengram microflora’’ in the International conference on Translational Cancer Research (ICTCR - 2015) held at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore during 14 – 15 December, 2015
7. Participated and presented a paper on ‘‘Population dynamics of stored product insect pests in varietal food commodities’’ and ‘‘Antifungal activity of selected medicinal plants against the storage fungi, *Aspergillus flavus*’’ in the XV AZRA International Conference on ‘‘Recent advances in life sciences’’ held at PG and Research Department of Zoology, Plant Biology and Plant Biotechnology and Biochemistry Ethiraj College for Women, Chennai India in collaboration with Applied Zoologists Research Association (AZRA), Bhubeneswar and Zoological Survey of India during 11th – 13th February, 2016

XI. Major / Minor Research Projects Completed

Title of the Project	Funding Agency	Grant sanctioned	Duration		Project Status on-going	Project Type: Research/ Consultancy/ Action Research
			From	To		
Evaluation of Anti-diabetic properties of <i>Stevia rebaudiana</i> Bert. - In vivo	UGC	20,000/-	04.12.2017	31.03.2018	completed	Research

XII. Details of invited lectures / presentations in Conferences / Seminars, etc.

Name of the Programme	Organiser of the programme	Level: International/ National	Topic	Date
DST – CURIE one-day workshop on “ Techniques in phytochemistry and pharmacognosy”	Dr. A. Parvathi, Dean, Faculty of Science	National	Ecofriendly management of stored grain insect pests	16.12.2017

XIII. ORIENTATION/ REFRESHER COURSES ATTENDED

S.NO	COURSE	SPONSER	VENUE	DATE
1	67 th Orientation Course	UGC	Academic Staff College, Bharathiar University, Coimbatore 641 046	10 th September to 7 th October 2007
2	Refresher course in zoology	UGC	Academic Staff College, Bharathiar University, Coimbatore 641 046	9 th November to 29 th November 2010
3	Orientation Training Course	Ministry of Youth Affairs and Sportes, Govt.of India.	Avinashilingam Institute for Home Science and Higher Education forwomen,Coimbatore 641043.	11 th to 16 th July, 2011
4	Refresher course in Environmental studies(multidisciplinary)	UGC	Academic Staff College, Bharathiar University, Coimbatore 641 046	19 th November 2013 to 9 th December 2013

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XIV. PRIZES AND AWARDS

- ❖ M.Sc Project entitled “Evaluation of scientific post harvest technologies and feed back studies for preserving grains in rural houses and farm houses” had been **recognised and funded** by TamilNadu State Council for Science and Technology.
- ❖ The paper presented in the oral session entitled “Traps for detecting and removing insect pests in stored rice” has been **awarded first price** in the National seminar on “Current Trends in Biological Sciences” held on 12th and 13th December 2002 at Avinashilingam university, Coimbatore.
- ❖ The paper presented in the oral session entitled “Detection of insect infestation in farm – stored food grains” has been **awarded first prize** in the National Symposium on “Recent Trends in Applied Biology” Conducted at Avinashilingam Deemed University” Coimbatore on January 28th and 29th, 2004.
- ❖ Applied Zoological Research Association(AZRA) certify that Dr. G. Maheswari, Assistant Professor has been conferred Professor **P. Kameswara Rao Award2015-**

2016 for the best poster presentation during XV AZRA International conference on “Recent advances in Life Sciences” held at Ethiraj College for Women, Chennai

- ❖ Nominated as a Doctoral committee member for a Ph.D. Scholar Shri S. Silambarasan, registered under Dr. John Prasanth Jacob, Scientist F, Institute of forest Genetics and Tree Breeding, R. S. Puram, Coimbatore 641 002 on the topic “Insect pest complex of some medicinal plants and their management”

- ❖ Awarded II prize in poster presentation during DST – CURIE sponsored two day National conference on “Medicinal plant research and translational trends (MPRTT 2017)” organized by the Department of Biochemistry, Chemistry, Zoology and Botany from 18th to 19th December 2017

XV. Election duties

1. Appointed as a Presiding Officer in Tamil Nadu Legislative Assembly Election on 13.04.2011.
2. Appointed as a Presiding Officer in General Elections to Loksabha – 2014 on 24.04.2014. No. 111 Mettupalayam Assembly Constituency
3. Appointment as a Presiding Officer for the election of Mayor of Coimbatore Corporation on 18.09.2014 at 316(A) WPanchayat Union Middle School Cheranmanagar Coimbatore.
4. Appointment as a Presiding Officer for the General Election to Tamil Nadu Legislative Assembly, 2016 to 117 Kavundampalayam Assembly Constituency on 15.05.2016, Monday at Sri Ramasamy Matriculation and Higher Secondary School, Southeast Building 4th room facing north

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XVI. Additional Responsibilities

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- a. Incharge of Wild life week celebration
- b. NSS Programme officer for 7 years
- c. NCC officer for one year

Signature of the staff