

Profile - Dr.K.S.Santhy

Designation : Professor
Department : Zoology
Qualification : M.Sc., M.Phil., PhD.,MCA.,PGDBI.
Experience : 18 years
Specialization : Cancer biology, Phytotherapeutics
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Research Guidance :

Degree	Awarded	Guiding
M.Phil.	5	-
PhD.	5	6
M.Sc.	22	3

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Projects undertaken:

S. No.	Title of the project	Period of project	Funding agency	Funds allotted
1.	Characterization and Molecular docking studies of the plant, <i>Alpinia galangal</i>	8 months	Enovate Biolife Pvt. Ltd, Mumbai	2,25,000/-
2.	Creating awareness among the tribal women of Maruthamalai on the pharmacognostic properties of Rudraksham	4 months	UGC	30,000/-

	tree, <i>Elaeagnus</i> sp.			
3.	Screening and evaluation of mutagenicity in the chosen samples of Noyyal river belt	8 months	Tamil Nadu State Council for Science and Technology	5000/-
4.	Monitoring mutagens on water samples in Salmonella Microsome Assay in the presence of S9 fraction at Noyyal river belt	8 months	Tamil Nadu State Council for Science and Technology	5000/-
5.	Assessment of tumour response to multimodalities of treatment in bladder cancer patients using Comet assay	8 months	Tamil Nadu State Council for Science and Technology	5000/-

Publications: (Book chapters)

S. No.	Title of the Book	Publisher	ISBN/ISSN number
1	Antigenotoxic potential of <i>Punicagranatum</i> in Breast cancer patients (Medicinal plants: Phytochemistry, Pharmacology and Therapeutics)	Daya Publishing House, Astral International Pvt. Ltd., New Delhi	978-93-5124-704-3 Year: 2016
2	Anticancer activity of Methanol extract of Green tea against cervical cancer (Medicinal plants: Phytochemistry, Pharmacology and Therapeutics)	Daya Publishing House, Astral International Pvt. Ltd., New Delhi	978-93-5124-704-3 Year: 2016
3	Evaluation of the anti-genotoxic effect of methanolic extract of <i>Cyclea peltata</i> in the peripheral blood lymphocytes	Revamping Microbial Biotechnology, Publication Division, Manonmaniam Sundaranar University, Tirunelveli	978-93-81402-35-1 Year: 2016
4	Histopathological study on effect of <i>Acorus calamus</i> L. rhizome on liver and kidney of DAL induced Swiss albino mice	Proceedings of ICMR Sponsored National Conference on Challenging Issues and Technological Approaches in Medicine - CITAM	81-8446-755-9 Year: 2016

Research papers/Articles published:

S. No.	Authors	Title of the article	Name of the Journal, Vol., Year, Page No.	ISBN/ ISSN Number and Impact Factor
1.	Sarojini Sukumar and Santhy,K.S.	Effect of foliar spray of micronutrients on the larval development and cocoon characters of silkworm , <i>Bombyx mori</i> L.	Res.High.,4(4): 198-201,1994.	2231-2374
2.	Santhy,K.S. and Sarojini Sukumar	Impact of foliar spray of selected nutrients on the economic characters of silkworm <i>Bombyx mori</i> L. (Lepidoptera : Bombycidae).	The International Journal of Environmental Education and Information,14(2): 145-152,1995	0144-9281
3.	Rita Joseph Vijayalakshmi,A. and Santhy,K.S.	Efficient utilization of coir wastes on the growth and yield of mulberry crop.	The International Journal of Environmental Education and Information, 15 (2):231-236,1996.	0144-9281
4.	Santhy, K.S., Rita, J. and Vijayalakshmi,A.	Recycling of coirpith to promote the growth of mulberry plants.	Proceedings of Academy of Environmental Biology,6(2)159-162,1997	
5.	Santhy K. S. and Sarojini Sukumar	Studies on the effect of Juvenile hormone Analogue, altosid on silkworm <i>Bombyx mori</i> L. to improve silk yield	Res.High., 8:31-35,1998	2231-2374
6.	Sivaselvi,R., Santhy, K.S.,Sarojini Sukumar and P.Arulraj	Screening and evaluation of mutagenicity of <i>Salmonella typhimurium</i> in the river and well water samples.	Journal of Ecotoxicology and Environment Monitoring,15(1):79-84,2005	0971-0965
7.	Santhy, K.S., Namitha,S., Sherly, P.G. and Arulraj,P.	Screening of antimutagenic effects of green and black tea (<i>Camellia sinensis</i>) in reverse mutation assay.	Journal of current sciences, 9 (2):583-588,2006	0972-6101
8.	Santhy, K.S. and Sarojini Sukumar	Effect of agro industrial wastes on the soil characteristics and nutritional status of mulberry plants.	Journal of Ecobiology,20 (2):149-152,2007	0970-9037
9.	Santhy, K.S., Krishnaveni, N. and Thamaraiselvi,G.	Evaluation of Physico-chemical properties of river and riverine ground water along Pykara basin,	Res. High.,16 (3) 142-147,2007	2231-2374

10.	Krishnaveni, N., Santhy, K.S. and Devanesan ,A.C.	Beneficial effect of <i>Amaranthus caudatus</i> grown in the vermi compost for the treatment of stomatitis.	Res.High.,17:30-34,2007	2231-2374
11.	Santhy, K.S., Sherly, P.G. and P.Arulraj	Antimutagenic activity of pomegranate (<i>Punica granatum</i>) in the <i>Salmonella typhimurium</i> reverse mutation assay.	Asian Journal of Microbiology Biotechnology Env.Science, 9 (2):255-258, 2007	0972-3005
12.	Santhy,K.S. and Srividya,M.	Antimutagenic effect of Pomegranate fruit extract in reverse mutation assay.	Plant Archives, 9(2):563-566,2009.	0972-5210
13.	K.S.Santhy, Anupama, M.Srividya, K.S.Mangayarkarasi, P.Arulraj and M.V.Usharani	Assessment of tumor response to multimodalities of treatment in locally advanced breast cancer patients using comet assay.	International Journal of Human Genetics,9(3-4):251-254,2009.	0972-3757
14.	Young-Eun Cho, Ethel Alcantara,Santhy Kumaran, Kun-Ho Sohn, Ho-Yong Sohn, Jong-Wha Lee, Chung-Sig Choi, Tae-Hul Ha and In-Sook Kwun	Red yeast rice stimulates osteoblast proliferation and increases alkaline phosphatase activity in MC3T3-E1 cells.	Nutrition Research, 30:501-510,2010	0271-5317 IF-2.09
15.	K.S. Santhy., M. Srividya and P. Arulraj	Reproductive factors and risk of breast cancer among women in Tamilnadu, India	Asian Journal of Research in Social Sciences and Humanities,2(3):27-32,2012	2250-1673
16.	Santhy,K.S. and Vijayalakshmi,A.	Water quality of river and reverine ground water along Bhavani basin	Research Highlights,22:211-216,2012	2231-2374
17.	K.S.Santhy and B.Geetha	Antimutagenic effect of green tea extracts in reverse mutation assay	International Journal of Pharma Medicine & Biological Sciences,2(1):62-67,2013	2278-5221
18.	Santhy,K.S. and Sarojini,S.	Juvenoid induced effects on the growth and differentiation of gonads in the silk worm, <i>Bombyx Mori</i> L.	Ecology Environment & Conservation,19 (4) : 59-63,2013	0971-765X
19.	B.Geetha and K.S.Santhy	Sexual risk factors for cervical carcinogenesis- A case control study	International Journal of Current Microbiology and Applied Sciences,2(8):394-399,2013	2319-7706

20.	B.Geetha and K.S.Santhy	Evaluation of antitumour properties of methanol extract of green tea against Daltons ascites lymphoma cells	International Journal of Agricultural Sciences&Veterinary medicine,1(3):145-151,2013	2320-3730
21.	B.Geetha and K.S.Santhy	Evaluation of antimutagenic activity of orange peel extract using Ames Salmonella microsome assay	International Journal of Lifescience, Biotechnology & Pharma Research,2(3):466-471,2013	2250-3137
22.	B.Geetha and K.S.Santhy	Tumor reducing and anticarcinogenic activity of green tea against Dalton's ascites lymphoma cells	International Journal of Pharma Medicine & Biological Sciences,2(3):92-96,2013	22781-5221
23.	Sreejaya,S.B. and K.S. Santhy	Cytotoxic properties of <i>Acorus calamus</i> in MCF-7 breast cancer cells.	International Journal of Current Research and Academic Reviews,1(1):106-111,2013	2347-3215
24.	B.Geetha and K.S.Santhy	Anti-proliferative activity of green tea extract in human cervical cancer cells(HeLa)	International Journal of Current Microbiology and Applied Sciences,2(9):341-346,2013	2319-7706
25.	Sreejaya,S.B. and K.S. Santhy	Evaluation of antitumor properties of rhizome of <i>Acorus calamus</i> L. using Dalton's Ascites Lymphoma bearing Swiss albino mice	International Journal of Pharma and Biological Sciences,5(4):119-125,2014	0975-6299
26.	Santhy K. Sivanandan	Extended Synthesis of storage proteins in Silk worm <i>Bombyx mori</i> in response to Juvenile hormone analogue (JHA) treatment	International Journal of Pharmacy, 5(4):1126-1131, 2015.	2249-1848
27.	Archana,D., Santhy,K.S. and Nithyadevi,P.	Assessment of anticancer activity of <i>Solanum torvum</i> L. nanoparticles	Research Highlights, 25(3),2015.	2231-2374
28.	Dixitha, M., Archana, D. and Santhy, K.S.	Phytochemical and antimicrobial screening of methanolic extracts of <i>Piper longum</i> L.	International Journal of Pharmacology Research, 5(3): 166-69, 2015.	2249-765X

29.	Santhy,K.S. and Meena ,J.	Evaluation of the antioxidant potential of methanol extract of <i>Cyclea peltata</i> in DAL Model	The Pharma Innovation Journal , 4(1): 71-75,2015	2277- 7695
30.	Srividya,M. and Santhy,K.S.	<i>In vitro</i> study on anticancer activity of pomegranate fruit extract in lymphocytes of breast cancer patients	Journal of Pharmacy Research,9(4):250-254,2015	0974-6943
31.	Archana,D., Dixitha, M. and Santhy, K.S.	Antioxidant and anticlastogenic potential of <i>Piper longum</i> L.	International Journal of Applied Pharmaceutics, 7(2):11-14,2015	0975-7058
32.	Archana, D. and Santhy, K.S.	Chemical characterization of <i>Alpinia galanga</i> (L.) Willd by GC-MS, XRD, FTIR and UV-Vis spectroscopic methods	International Journal of Pharmacy and Pharmaceutical Sciences, 7(9): 499-501,2015	0975-1491
33.	Archana, D. and Santhy K.S.	Free radical and antioxidant properties of <i>Alpinia galanga</i> (L.) Willd.	International Journal of Pharma and Bio Sciences, 6(4), 2015, 378-85.	0975- 6299
34.	Meena,J. and Santhy,K.S.	Efficacy of methanolic extract of <i>Cyclea peltata</i> as a potent anticancer equivalent	European Journal of Environmental Ecology, 2(2):65-71,2015	2393-9672
35.	Karthika,G.,Archana, D. and Santhy,K.S.	Antioxidant and cytotoxic effects of methanol extract of <i>Amorphophallus paeoniifolius</i> Ni.	Asian Journal of Pharmaceutical and Clinical Research, 8(6):106 -109,2015	0974-2441
36.	Sreejaya,S.B. and Santhy,K.S.	Antineoplastic and antioxidant activities of <i>Acorus calamus</i> L on Swiss albino mice bearing Dalton's Ascites Lymphoma.	Asian Journal of Pharmaceutical and Clinical Research, 8(6):97-100, 2015	0974-2441
37.	Sreejaya,S.B. and Santhy,K.S.	Drug Based Computational Analysis For Initial Stages Breast Cancer with Compounds Obtained from <i>Acorus calamus</i>	International Journal of Pharmacognosy and Phytochemical Research,7(6):1256 -1261,2015	0975-4873
38.	Santhy,K.S.	Rates of feeding and assimilation in the Silkworm <i>Bombyx mori</i> , as influenced by Methoprene	Journal of Applied Pharmaceutical Science, 5 (10): 101-106, 2015	2231-3354
39.	Srividya,M. and Santhy,K.S.	<i>In vitro</i> study on anticancer activity of pomegranate fruit extract in lymphocytes of breast cancer patients	Journal of Pharmacy Research, 9(4):250-254,2015	0974-6943
40.	Anand,L.,Padmavathi, V.,Venkatesh,B., Santhy,K.S.,	Population Screening of K-ras Gene and Genetic Counselling for Patients affected with Ampulla of	International Journal of Human Genetics, 16 (3-4):	0972-3757 IF:0.278

	Sangeetha,M., Sasikala,K. and Balachandar,V.	Vater in Tamil Nadu.	141-147,2016	
41.	Laleethambika,N., Mahfrid N. Dharwadkar, Santhy, K.S. Sangeetha,M. Silambuchelvi,D. and Balachandar,V.	Evaluation of M2/ANXA5 Haplotype and P53 Codon 72 polymorphism in a patient with recurrent pregnancy loss, ectopic pregnancy and recurrent implantation failure	International Journal of Human Genetics 16(3,4): 164-169, 2016	0972-3757 IF:0278
42.	Balachandar,V., Dhivya, V., Sujitha,M., Venkatesh, B., Santhy,K.S. and Kamalakannan,S.	Association of the <i>shank3</i> gene coupled with 22q13.3 deletion syndrome	International Journal of Research and Development in Pharmacy and Life Sciences, 5(6): 2369- 2387,2016	ISSN (P): 2393-932X, ISSN (E): 2278-0238
43.	Sreejaya,S.B., Archana,D. and Santhy,K.S.	Genoprotective effects of <i>Acorus calamus</i> rhizome against DNA damage in peripheral blood lymphocytes	International Journal of Green Pharmacy, 11(1): 108-111, 2017	0973-8258
44.	Saranya,S., Archana,D. and K.S.Santhy	Antimicrobial and antioxidant effects of <i>Nerium oleander</i> flower extracts	International Journal of Current Microbiology and Applied Sciences, 6(5):1630- 1637,2017	2319-7706
45.	Archana, D. and Santhy, K.S.	Galangal phytochemicals in tumour tactics - an <i>in silico</i> analysis targeting breast cancer	International Journal of Pharma and Bioscience, 8(3): 411- 420, 2017	0975-6299
46.	Meena,J. and K.S.Santhy	Anticancer efficacy of <i>Cycleapeltata</i> on human breast carcinoma cells	Indian drug,54(6):53- 57,2017	0019-462X
47.	Iyer Mahalaxmi and K.S. Santhy	An overview about mitochondrial DNA mutations in ovarian cancer	Alexandria Journal of Medicine, 53:307–310,2017	2090-5068
48.	Sreejaya,S.B., Archana,D. and Santhy,K.S.	Biochemical changes in the serum of experimental animals treated with <i>Acorus calamus</i> rhizome	Studies on ethano medicine, 11(3): 216-220,2017	0973-5070
49.	Meena, J., Archana, D. and Santhy, K.S.	In silico analysis of <i>Cyclea peltata</i> (Lam.) Hook.f. & Thomson root extract for docking studies of the compound β -estradiol	Indian Journal of Traditional Knowledge,17(1): 162-167,2018	0972-5938 IF:1.273
50.	Kaavya,J., Balachandar,B. and Santhy,K.S.	Ampullary carcinoma – A genetic perspective	Mutation Research -Reviews,776:10 - 12,2018	1383-5742 IF:5.5

51.	Iyer Mahalaxmi and Santhy,K.S.	Role and Hallmarks of Sp1 in promoting ovarian cancer	Journal of Oncological Sciences,1 – 4,2018	2452-3364
52.	Sivadharshini, R., Poonkothai,M. and Santhy,K.S.	Characterization of drinking water quality of Pilloor dam, Coimbatore district, Tamil Nadu, India	International Research Journal of Environmental Sciences, 7(2): 49-53, 2018	2319-1414
53.	Santhy,K.S. and Surekha Pimple	Molecular docking studies of <i>Alpinia galangal</i> phytoconstituents for psychostimulant activity	Advances in Biological Chemistry,8, 69-80,2018	Online: 2162-2191 Print: 2162-2183

Publications in proceedings:

S. No.	Title of the article	Details of conference publication	Year of publication	Organiser
1.	Pattupochi valarpil Altosid ennum ilam nilai seyarkai harmonai payanpaduthi pattu urpathiyai perukkuthal	Thamilaka Ariviyal peravai Aram karuthu arangam	1998	Avinashilingam Deemed University, Coimbatore
2.	Screening and evaluation of mutagenicity in the chosen samples of Noyyal river belt.	Seminar cum exhibition on student projects	2001-2002	Tamil Nadu state council for science and technology, Chennai
3.	Monitoring mutagens on water samples in <i>Salmonella microsome</i> assay in the presence of S9 fraction at Noyyal river belt.	Seminar cum exhibition on student projects	2002-2003	Tamil Nadu state council for science and technology, Chennai
4.	Effect of amino acid supplementation in silkworm, <i>Bombyx mori</i> L. with reference to economic characters.	Seminar on sericulture technology transfer to farmers of SC/ST population	2004	Kongunadu Arts and Science College, Coimbatore
5.	Impact of supplementation of spirulina on silkworm, <i>Bombyx mori</i> L. (Lepidoptera: bombycidae).	Seminar on sericulture technology transfer to farmers of SC/ST population	2004	Kongunadu Arts and Science College, Coimbatore
6.	Evaluation of antimutagenicity of Pomegranate using Ames salmonella microsome assay	Proceedings of the regional seminar on Medicinal Plants - A boon to the community	2006	Avinashilingam University
7.	Status of Indian women in sericulture - An overview	Impact of globalisation on women with special reference to food security	2006	Avinashilingam University

8.	Extent of DNA damage in the blood lymphocytes of Breast cancer.	Proceedings of the International Conference on Biomarkers in Health and Environmental Management	2007	PSG College of Arts and Sciences, Coimbatore
9.	Assessment of tumor response to multimodalities of treatment in bladder cancer patients using Comet assay.	Seminar cum exhibition on student project	2007-2008	Tamil Nadu state council for science and technology, Chennai

Workshops / Training Programmes

S. No.	Theme	Name of the Institution	Duration	
			From	To
1.	High level expression of foreign gene using <i>Bombyx mori</i> Baculo virus expression vectors in silkworm larvae and cells	Department of Animal Sciences, School of Biological Sciences, Madurai Kamaraj University	18.10.1993	06.11.1993
2.	Sericulture for NGOs and Women group in Tamil Nadu	Regional Sericulture Research Station, CSB, Govt. of India, Salem	29.08.1994	03.9.1994
3.	Application of Biotechnology in Sericulture for improving mulberry host plants	Department of Biotechnology, School of Life Sciences, Bharathidasan University	11.02.1995	13.02.1995
4.	Chromatographic techniques	PG & Research Department of Zoology, Kongunadu Arts and Science College, Coimbatore	26.04.1995	28.04.1995
5.	Genetics and tree breeding	Institute of Forest Genetics and Tree Breeding (Govt. of India), Coimbatore	20.09.1995	20.09.1995
6.	Animal cell culture and its applications	School of Biotechnology, Dr. G.	21.07.2003	29.07.2003

		R. D. College of Science, Coimbatore		
7.	Malarial biology and genomics	Karpagam Arts and Science College, Coimbatore	30.03.2004	02.04.2004
8.	Bioinformatics and information technology	Tamil Nadu Veterinary And Animal Sciences University, Chennai	23.05.2005	27.05.2005
9.	Shrimp seed quality assessment techniques	Vaccine Research Centre-Viral Vaccines, Chennai	06.06.2005	10.06.2005
10.	Statistical packages-their utility in research and teaching	Department of Life Sciences-Zoology, Avinashilingam Deemed University	23.09.2005	24.09.2005
11.	Life skill education	Avinashilingam University	13.02.2009	14.02.2009
12.	How to use A-VIEW	Faculty of Engineering, Avinashilingam University, Coimbatore	20.03.2013	20.03.2013
13.	Chemical process modeling and simulation	Amrita Vishwa Vidyapeetham (COE AMGT) and Indian Institute of Chemical Engineers (IChE)	10.06.2013	15.06.2013
14.	Intellectual property rights IPR-2014	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	15.03.2014	15.03.2014
15.	NADP methodology Workshop on urban forestry to combat pollution	Forest College and Research institute, Tamil Nadu Agricultural University	08.10.2014	08.10.2014
16.	Threats to endangered species	Avinashilingam Institute for Home Science and Higher Education for Women	10.04.2015	10.04.2015
17.	Environmental studies	Department of Botany and Zoology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	27.04.2015	01.05.2015
18.	Cytogenetics and molecular Biology	Department of Human Genetics and Molecular Biology, Bharathiar University	07.03.2016	14.03.2016
19.	DST- CURIE funded one day workshop on intellectual	Avinashilingam University,	20.9.2017	20.9.2017

	property rights and patenting	Coimbatore		
20.	Aquarium construction, management and ornamental fish culture	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	05.01 .2018	05.01 .2018

Refresher courses / Orientation courses

S. No.	Theme	Name of the Institution	Duration	
			From	To
1.	Orientation course	UGC Academic Staff College, Bharathiar University	09.08.2002	05.09.2002
2.	Refresher course in Bioinformatics	UGC Academic staff College, Bharathiar University, Coimbatore	15.10.2004	04.11.2004
3.	Refresher course in Bioinformatics	UGC Academic Staff College, University of Madras, Chennai	02.03.2006	22.03.2006
4.	Refresher course in Life Science	University of Kerala, Trivandrum	22.07.2010	11.08.2010

Conferences / Symposiums / Seminars / Congress:

S. No.	Theme	Name of the Institution	Duration	
			From	To
1.	Reproductive biology and comparative endocrinology	Avinashilingam Deemed University, Coimbatore	12.01.1992	13.01.1992
2.	Training programme for NSS programme officers and teachers associated with environment education	Avinashilingam Deemed University, Coimbatore	12.02.1992	12.02.1992
3.	Action oriented research programme for Western Ghats	Department of Marine Biotechnology, Goa University, Goa	30.1.1995	01.02.1995
4.	Bioinformatics	Avinashilingam University, Coimbatore	17.01.1999	17.01.1999
5.	Population education for college teachers	Avinashilingam University, Coimbatore	22.10.2001	23.10.2001

6.	Medicinal plants	Department of Biochemistry, Avinashilingam Deemed University, Coimbatore	02.11.2001	03.11.2001
7.	A Journey down the double helix	Department of Biochemistry and Biotechnology, Avinashilingam Deemed University, Coimbatore	24.02.2003	24.02.2003
8.	Research perspectives in environmental biology	Avinashilingam University, Coimbatore	26.2.2003	26.2.2003
9.	Red Ribbon Club Management	Bharathiar University, Coimbatore	05.8.2005	06.8.2005
10.	Building Life Skills	Rajiv Gandhi National Institute of Youth development, Chennai	30.09.2005	30.09.2005
11.	Spring board women's development programme	Avinashilingam University, Coimbatore	12.11.05	11.02.06
12.	Recent trends in teaching strategies	Avinashilingam University, Coimbatore	20.2.2006	20.2.2006
13.	South Asia regional consultation on tapping the potentials of young people towards development	Ananya - An organization for youth empowerment, Chennai	17.06.2006	22.06.2006
14.	Genome projects - prospects and problem	Department of biochemistry, Avinashilingam University, Coimbatore	01.12.2006	01.12.2006
15.	Climate change A and biodiversity	Avinashilingam University, Coimbatore	8.12.2008	8.12.2008
16.	Sensitization of UGC norms for promotion and recruitment of University teachers (XI Plan regulation)	Avinashilingam Deemed University for Women, Coimbatore	30.11.2010	30.11.2010
17.	Research ethics & post research methods	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	13.09.2012	15.09.2012
18.	Thrust areas for future researches in Biological Sciences	PSGR Krishnammal College for Women, Coimbatore	27.09.2012	28.09.2012
19.	Path finder - Explore, Experiment, Elucidate Research	Avinashilingam institute for Home Science and Higher education for Women,	07.02.2013	09.02.2013

		Coimbatore		
20.	Two day national conference on medicinal plant research and translational trends	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	18.12.2017	19.12.2017

Invited lectures delivered / Papers presented in Conferences / Seminars:

S. No.	Title of the Lecture / Paper Presented	Name of Conference / Seminar	Year of Presentation	Organizer
1.	Effect of foliar spray of N, Fe and Zn on the reproductive potential, larval and cocoon characters of silk worm <i>Bombyx mori</i> L.	11 th National symposium on Reproductive Biology and comparative Endocrinology	29.1.1993-30.1.1993	S. V. University, Thirupathi
2.	Effect of Juvenile hormone analogue, methoprene on the chosen characters of silkworm, <i>Bombyx mori</i> L.	12 th National symposium on Reproductive Biology and Comparative Endocrinology	21.1.1994 - 23.1.1994	Pondicherry University, Pondicherry
3.	Recycling of coir pith to promote the growth of mulberry plants	15 th Annual Session of the Academy of Environmental Biology	7.11.1994 - 9.11.1994	Kerala Agriculture University, Trivandrum
4.	Effect of a few agro-industrial wastes on the soil characteristics and the nutritional status of mulberry plants	16 th Annual Session of the Academy of Environmental Biology-Academy of Environmental Biology	23.11.1995-25.11.1995	Andrapradesh Agricultural University, Hyderabad
5.	Influence of juvenile hormone analogue, Fenoxycarb on the protein profile of <i>Helicoverpa armigera</i>	17 th annual session of the Academy of Environmental Biology	16.11.1996-18.11.1996	M.D. University, Haryana
6.	Impact of Manta (Methoprene) on the storage of silkworm <i>Bombyx mori</i> L.	12 th National symposium on Reproductive Biology and Comparative	21.1.1998-23.1.1998	University of Kerala, Trivandrum

		Endocrinology		
7.	Modulatory effect of Methoprene on the storage protein profile of Silkworm, <i>Bombyx mori</i> L.	Entomocongress - 2000 - International conference on perspectives for the new millenium	5.11.200-8.11.2000	Dept. of Zoology, University of Kerala, Trivandrum
8.	Invited lecture on Sericulture and its prospects in rural economy	UGC refresher course for University / College teachers	26.09.2000	Avinashilingam Deemed University, Coimbatore
9.	Leaf extracts as biopesticides against the filarial vector <i>Culex quinquefasciatus</i>	National symposium on recent trends in restoration of aquatic environment and biodiversity of insects	16.12.2002	PG & Research Department of Zoology, Kongunadu Arts and Science college, Coimbatore
10.	Assessment of mutagenicity in the river and well water samples from Noyyal River Basin	National seminar on Current Trends in Biological Sciences -	12.12.2002 - 13.12.2002	Avinashilingam University, Coimbatore
11.	Extended synthesis of storage proteins in silkworm <i>Bombyx mori</i> in response to Juvenile Hormone Analogue (JHA)treatment	National symposium on recent trends in applied biology	28.1.2004-29.1.2004	Avinashilingam Deemed University, Coimbatore
12.	Rates of feeding and assimilation in the silkworm, <i>Bombyx mori</i> as influenced by Methoprene	National symposium on recent trends in applied biology	28.1.2004-29.1.2004	Avinashilingam Deemed University, Coimbatore
13.	Impact of supplementation of spirulina on silkworm, <i>Bombyx mori</i> L. (Lepidoptera: Bombycidae)	Seminar on Sericulture technology transfer to farmers of SC & ST population	29.9.2004-30.9.2004	PG & Research Department of Zoology, Kongunadu Arts and Science College, Coimbatore
14.	Evaluation of antimutagenicity of Pomegranate using Ames salmonella microsome assay	Seminar on Medicinal Plants - A boon to the community	17.02.2006	Avinashilingam University, Coimbatore
15.	Anti mutagenic effect of green and black tea in <i>Salmonella typhimurium</i>	Seminar on Medicinal Plants - A boon to the	17.02.2006	Avinashilingam University, Coimbatore

	TA98 and TA100 strains	community		
16.	Antimutagenic effect of tea (<i>Camellia sinensis</i>) in <i>Salmonella typhimurium</i> TA 98 and TA 100 strains	National conference- Womenscientists/technocrats opportunities and challenges,	23.06.2006-25.06.2006	Kerala State Women Development Corporation, Shakti-Women's wing of Vijnana Bharati, Kochin
17.	Study of different comet parameters in blood lymphocytes of breast cancer patients	Seminar on current trends in advanced biological research, CTAB -2007	01.02. 2007 - 02.02. 2007	Department of Biotechnology, Nehru Arts and Science College, Coimbatore
18.	Diosgenin stimulates proliferation, collagen level and ALP activity in osteoblastic MC3T3 –E1 cells	Food for Health and Longevity-2009- International Symposium and Annual meeting	04.11.2009 - 06.11.2009	The Korean Society of Food Science and Nutrition. Changwon, Korea
19.	Threats to biodiversity and methods of conservation	Gandhian Perspective of Environmental Management	12.01.2009	Avinashilingam Deemed University, Coimbatore
20.	Invited talk on prospects of cancer research	Inauguration of Zoology Association	29.07.2009	Nirmala College for Women, Coimbatore
21.	Invited talk on recent trends in cancer research	Darsan 2010	12.10.2010	T. K. Madhava Memorial College, Nangiarkulangara, Kerala
22.	Recent trends in cancer research	Summer training programme in Biological Sciences for Postgraduate students	25.05.2011	Avinashilingam University, Coimbatore
23.	Evaluation of antigenotoxic potential of pomegranate in the peripheral blood lymphocytes of breast cancer patients	Holistic maternal and child care nutrition	22.09.2011	Nestle nutrition institute & Avinashilingam University, Coimbatore
24.	Antigenotoxic activity of Pomegranate Fruit Extract in lymphocytes of Breast cancer patients <i>in vitro</i>	International conference on Global competitiveness in Biology, Chemistry	03.02.2011	Dept. of Biochemistry, Rev. Jacob Memorial Christian

		and Environment: For better tomorrow Proteo fest 2011		College, Ambilikkai, Tamilnadu
25.	Anticancer activity of green tea extract in the lymphocytes of Cervical cancer patients	Conservation strategies for Bio resources	05.02.2013 – 06.02. 2013	PSGR Krishnammal College for Women, Coimbatore
26.	Antioxidant status of methanol extract of <i>Acorus calamus</i> against Daltons lymphoma ascites induced tumor in mice	Computational Biology and Drug Design	10.07.2013 – 12.07.2013	School of Biosciences, MACFAST, Tiruvalla, Kerala.
27.	Evaluation of tumour response to multimodalities of treatment in breast cancer patients using single cell gel electrophoresis	Breast Oncology-International Conference on Multidisciplinary Management of Breast Cancer	6.3.2014 - 8.3.2014	Cancer research and treatment society and breast cancer foundation of India,Kochin
28.	Screening of antitumor properties of <i>Acorus calamus</i> L. using Dalton's Ascites Lymphoma bearing mice	International conference on "Medicinal Plants and Herbal Drugs for Human Welfare (ICMP-2015)	28.01.2015 - 30.01.2015	University of Madras, SMP, New Delhi and ICAMP, Paris, France
29.	Evaluation of antioxidant status of <i>Cyclea peltata</i> on Dalton's Lymphoma Ascites induced mice	International conference on Reasserting Microbial Biotechnology to Deflate Global Disease Burden - RMBT' 15	28.09.2015 - 29.09.2015	Manonmaniam Sundaranar University, Tirunelveli
30.	Invited lecture on Recent trends in cancer research	-	28.10.2015	Department of Zoology, GVG. Visalakshi College for Women, Udumalpet
31.	Protective effect of methanolic Extract of <i>Acorus calamus</i> Against DNA damage in peripheral blood lymphocytes	International Conference on Translational Cancer Research (ICTCR-2015)	14.12.2015 – 16.2.2015	Avinashilingam University Ohio State University, The US Consulate General, Chennai

32.	Effect of Methanolic Extract of <i>Acorus calamus</i> Rhizome on serum enzyme levels in experimental animals	UGC Sponsored national seminar on emerging trends in phytopharmaceuticals	13.01.2016-14.01.2016	Department of Botany, Vimala College, Thrissur, Kerala
33.	Anticancer potential of <i>Alpinia galangal</i> L. Wild against breast cancer- An <i>in silico</i> approach	International conference on herbal and natural components as the future pharmacology	27.02.2017-01.03.2017	Avinashilingam University, Coimbatore

Other academic services:

S. No.	Nature of Service	Institution / University	Duration	
			From	To
1.	Member Board of Studies	Avinashilingam University, Coimbatore	2006 2011 2016	2008 2012 2017
		Nirmala College for Women, Coimbatore	2015	2017
2.	Member Experts committee	Mentor, DBT Star College status, Nirmala College, Coimbatore	20015	2017
3.	NSS Programme Officer	Avinashilingam University, Coimbatore	2004 2012	2008 2016

Award / Distinction received:

S. No.	Name	Date of award / Duration	Institution	Purpose of award
1.	BPA Certificate	1995	Academy of Environmental Biology, Muzaffar nagar, India	Best paper presentation
2.	National Symposium on Recent trends in Applied Biology	2004	Avinashilingam University for women, Coimbatore	Best poster presentation

3.	Best NSS Programme Officer Award	2006 - 2007	Avinashilingam University for women, Coimbatore	Social service
4.	Best NSS Unit Award for NSS Program Officer	2012 - 2013	Avinashilingam University for women, Coimbatore	Social service
5.	International Conference on Conservation strategies for Bio resources	2013	PSGR Krishnammal College for Women, Coimbatore	Best poster presentation
6.	World Food Day Celebration	2014	Avinashilingam University for women, Coimbatore	First Prize in photography
7.	National Seminar on Emerging Trends in Phytopharmaceuticals	2017	Vimala College, Thrissur, Kerala	Best oral presentation

Membership/Fellowship:

S. No.	Name	Institution	Year
1.	Senior Research Fellowship	CSIR, New Delhi	1994
2.	Life Membership	Association for Advancement of Entomology	2000
3.	Post Doctoral Fellowship	Andong National University, Republic of Korea	2009 – 2010
4.	Life Membership	3T Wildlife Association	2013
5.	Life Membership	National Society of Ethnopharmacology	2017

Workshop/Seminar organised:

S. No.	Event	Funding agency / Organizer/ Venue	Date
1.	Virtual animal dissections	E-mantras interactive technologies, Chennai	21.03.2017
2.	Scientific data analysis and graphing using softwares	Origin softwares, Bangalore	30.06.2017

