

Resume

I General Information

Name : Dr. (Mrs)B. Karunai Selvi
 Father's Name : Dr. Thiru. A.Balan
 Age : 44 yrs
 Designation : Assistant Professor and Head
 Department : Botany
 Email ID : karunaiselvi@vvvcollege.com
 Service in other colleges : 6 – Months (05.06.2006 – 30.11.2006)
 Department of Biotechnology, Sri
 Kaliswari College, Sivakasi
 Date of appointment : 18.01.2007



II Educational Qualification

Examination Passed	Board/University	Subject	Year of Passing
SSLC	State Board		1990
PUC/ Higher Secondary	State Board	Pure Science	1992
Bachelor's Degree	Lady Doak College, Madurai Kamaraj University, Madurai	Botany (Sp)	1995
Master's Degree	The Madura College, Madurai Kamaraj University, Madurai	Botany	1997
M.Phil	Thigarajar College, Madurai Kamaraj University, Madurai	Botany	1998
PhD	Gandhigram Rural Institute – Deemed University, Gandhigram, Dindigul	Biology	2006
B.Ed.,	Avinashilingam Deemed University, Coimbatore	Biological Science / English	2001
PGDiploma	Bharathiar University, Coimbatore	Microbial Biotechnology	2005
Diploma / Certificate		Diploma in RDBMS Oracle	1999
Diploma / Certificate	CSC Computer Education, Tirunagar, Madurai	Diploma in Office Automation	2000

III Teaching Experience : UG : 12 Years
 PG : 6 Months
 M.Phil : 6 Months

Field of Specialization : Agricultural Microbiology

IV Research Experience

Minor Research Project

Topic	Period	Funding Agency	Amount
Genetic Improvement of Phosphate solubilizing microorganism and preparation of microbial inoculant using vermicompost as a carrier material (PI)	2009 - 2011	UGC, Hyderabad	90,000
Isolation, Identification and Screening of endophytic fungi from medicinal plants from Virudhunagar district for antimicrobial and antifungal activity (CO-PI)	2009 – 2011	UGC, Hyderabad	98,000
Preparation of novel rhizoazophos biofertilizer consortium and evaluation of their shelf life in rice bran, coir pith and sugarcane trash (PI)	2014 - 2015	UGC, Hyderabad	2,95,000

Articles published in Journals

Title of the Article	Name of the Journal	Database
Biogas production from municipal solid waste with cowdung and vermicomposting	Environment and Ecology 25(3): 603 – 605, 2007 - ISSN 0970 – 0420	
Effect of phosphate solubilizers and <i>Rhizobium</i> sp. on <i>Vigna unguiculata</i>	Journal of Ecobiology 22(4) 377- 388 2008 - ISSN 0970 – 9037 – 08 – 22 - 377	
Impact of phosphate solubilizing microorganism and <i>Rhizobium</i> sp on growth, nutrition and microbial load of cowpea fertilized with rock phosphate	Asian Journal of Microbiology, Biotechnology and Environmental Sciences 10(3): 621-624, 2008	Scopus
Vermicomposting of Municipal solid waste by indigenous earthworm, <i>Perionyx excavates</i>	Journal of Ecotoxicology and Environmental Monitoring 18 (5):421 – 426, 2008. ISSN 0971– 0965 – 08 -18 - 421	
Effect of organic substrates on amino acid composition of vermimeal	Journal of Ecotoxicology and Environmental Monitoring 18 (5):531–532, 2008. ISSN 0971 – 0965 – 08 -18 -531	
Changes in the micronutrient content during vermiprocess	Journal of Ecotoxicology and Environmental Monitoring 18 (5):533–534, 2008.ISSN 0971 –0965 – 08 -18 - 533	
Mercury induced alternation in the phycobiliproteins of cyanobacterium, <i>Cylindrospermum stagnale</i> (kutz.) adapted under different light.	ARPN Journal of Agricultural and Biological Science 4 (3): 11 – 14, 2009. ISSN 1990 - 6145	

Vermicomposting of Municipal Solid waste by <i>Perionyx excavatus</i> .	Trends in Kalis Research 4(1): 3-7 2010. ISSN : 0974-701X	
Growth and reproduction of newly reported native earthworm, <i>Perionyx ceylanensis</i> in different agro residues.	Journal of Ecotoxicology and Environmental Monitoring 20(1): 77-82 2010. ISSN : 0971 - 0965	
Quantitative estimation of insoluble inorganic phosphates.	International Journal of Science and Nature, 2(2): 292-295, 2011.	
Green synthesis of Silver nanoparticles from the leaf extracts of <i>Euphorbia hirta</i> and <i>Nerium indicum</i> .	Digest Journal of Nanomaterials and Biostructures, 6(2): 869 –877.2011	Scopus
Dissolution of rock phosphate by phosphate solubilizing bacteria in rhizosphere and non-rhizosphere soil samples of legumes.	Trends in Kalis Research 5(1): 1-3, 2011. ISSN: 0974 – 701X	
Influence of different carbon and nitrogen sources on insoluble inorganic phosphate solubilization by <i>Bacillus subtilis</i>	International Journal of Advanced Biological Research- IJABR IJABR_Vol2(3)2012 pp441-445 ISSN: 2250 – 3579	
Preparation-of-Phosphate-Solubilizing-Microbial-inoculant-using-vermicompost-as-a-carrier-material	Research Journal of Agricultural Sciences. 4(2): 146-149 2013 . ISSN: 2066 – 1843	
Synthesis of silver nanoparticles from the leaf extract of selected plants	Nano Science and Nano Technology 8 2 (2013). ISSN 0974 – 7494	
Synthesis of silver nanoparticles from the leaf extract of <i>Ziziphus mauritiana</i> lam. and its antimicrobial activity	Multidisciplinary Research Journal of VVV College 1(1):33 – 39.	
Isolation and screening of endophytic fungi from medicinal plants of Virudhunagar Districts for antimicrobial activity	International Journal of Science and Nature, 5(1): 147-155, 2014.	EBOSCO
Influence of organic solid wastes in vermicultural properties of the epigeic earthworm, <i>Eisenia fetida</i>	International Journal of Advanced Research in Biological Sciences 1(8): 242- 247, 2014 ISSN: 2348-8069	
Iluppai Poo in Proverbs – An Scientific Approach	Journal of Classical Thamizh (Bi-Annual International	

	multilateral Thamizh Journal) 2(2): 222-, 2014.	
Biosynthesis of silver nanoparticles from <i>Premna serratifolia</i> L. leaf and its anticancer activity in CCl ₄ -induced hepato-cancerous Swiss albino mice	Applied Nanoscience, 2015.5(8) 937-944. Online ISSN 2190-5517	
Enhancing the phycobilin pigment synthesis in <i>Calothrix elenkinii</i> through optimization of light conditions	I.J.S.N., VOL.6 (1) 2015: 88-91 ISSN 2229 – 6441	
Cellulolytic Efficiency of Forest Litter Microflora Isolated from Sirumalai Hills of Dindigul District	Asian Journal of Science and Applied Technology 4 (1), 5-9, 2015 ISSN: 2249-0698 .	
Comparative Study of Biochemical Responses in Three Species of Earthworms Exposed to Pesticide and Metal Contaminated Soil	Environmental Processes 3 (1), 167-178.2016. DOI 10.1007/s40710-016-0131-9.	
Coelomic fluid protein profiling and heavy metal accumulation of three earthworms after exposure to pesticide and metal stress	International Journal of Advanced Multidisciplinary Research. (IJAMR) 3 (2) 84-91, 2016. ISSN: 2393-8870	
Influence of SiO ₂ Concentration on TiO ₂ Thin Films as Protective Layer to Chlorophyll in Medicinal Plants against UV Radiation	International Journal of Thin Films Science and Technology 6 , No. 1, 9-13 (2017)	
Analyzing the efficacy of phosphate solubilizing microorganisms by enrichment culture technique	Biotechnology and Molecular Biology Journal, 3(1): 1-8, 2017 doi: 10.21767/2471-8084.100029 (Online)	
Awareness of homemakers on the medicinal values of commonly used spices	Global journal of science and nature, 6 (2): 217-220, 2017.	
Balance sheet of nitrogen and phosphorus as influenced by rock phosphate and super phosphate applied with phosphate solubilizing microorganism and <i>Rhizobium</i> sp. on cowpea.	International Multidisciplinary Innovative Research Journal 1(2): 1-7, 2017	
Performance of SiO ₂ -TiO ₂ thin films as protective layer to chlorophyll in medicinal plants from UV Radiation: Influence of dipping cycles.	Mechanics, materials science and Engineering, 11 (1), 2017. ISSN: 2412-5954.	
Effect of UV Screening nature of Cu-TiO ₂ thin films on the protection of chlorophyll content in medicinal plants	Journal of Nano. Adv.Mat 5(2):75-80. 2017.	

Vermicomposting of municipal solid waste with an epigeic earthworm, <i>Eisenia fetida</i> .	International Multidisciplinary Innovative, 2018 Research Journal, 2(2): 61-75.	
Seaweeds as bioresources for vermicompost production using the earthworm, <i>Perionyx excavatus</i> (Perrier).	Bioresource Technology, (2019a), 275:394-401.	Scopus
Vermistabilization of seaweeds using an indigenous earthworm species, <i>Perionyx excavatus</i> (Perrier)	Ecological Engineering, (2019b), 130:23-31.	Scopus
Analysing the scientific reasoning behind the proverb on iluppai flower (<i>Madhuca</i> sp.) and its role in science and development.	Emerging Technologies and Innovative Research, 2018, 6 (2):146-152.	
Vermiremediation of Urban and Agricultural Biomass Residues for Nutrient Recovery and Vermifertilizer Production	Waste and Biomass Valorization https://doi.org/10.1007/s12649-019-00899-0 . 2019 (Online)	Scopus
Green Synthesis of Zinc Sulfide Nanoparticles Using <i>Abrus precatorius</i> and Its Effect on Coelomic Fluid Protein Profile and Enzymatic Activity of the Earthworm, <i>Eudrilus eugeniae</i>	BioNanoScience, (), 1-8 DOI 10.1007/s12668-019-00694-0 ISSN: 2191-1649 (Online) November 2019	Scopus
Vermiconversion of biowastes with low-to-high C/N ratio into value added vermicompost	Bioresource Technology 2020 (In Press)	Scopus

Papers presented			
Date	Seminar / Conference	Title of the paper	Venue
10.01.2003 – 11.01.2003	National Conference	Bio-Fuels – Ethanol Production from banana peel and cassava waste	Department of Industrial Biotechnology, Karpagam Arts and Science College, Coimbatore.
27.02.2004 – 28.02.2004	National Symposium	“Recent Trends in Biosciences”	Department of Biology and Biotechnology, Sri Paramakalyani College, Alwarkurichi.

12.03.2004 – 13.03.2004	Regional Seminar	“Post Harvest Technology for Rural Development” – Candied Ginger and Mango - Acceptance	Department of Home Science, Gandhigram Rural Institute (Deemed University),
22.02.2005 – 23.02.2005	National Conference	“Advances in Solid Waste Management” - Effect of FYM enriched with RP and PSMs on growth and yield of cowpea (<i>Vigna unguiculata</i> L. Walp.) Var. Co. 2.	Department of Biology, Gandhigram Rural Institute (Deemed University), Gandhigram
22.02.2005 – 23.02.2005	National Conference	“Advances in Solid Waste Management” - Enumeration of PSMs and available phosphate from FYM and soil enriched with rock phosphate.	Department of Biology, Gandhigram Rural Institute (Deemed University), Gandhigram
14.09.2006 – 15.09.2006	National Symposium	“Grow more Biotechnology for Human and Biosphere Development” - Studies on pigment production by <i>Lasiodiplodia theobromae</i> isolate LD1 and LD2.	Department of Zoology and Biotechnology, Sri Paramakalyani College, Alwarkurichi
29.09.2006	National Symposium	“Role of organic chemistry in Medicine”- Isolation and Screening of <i>Lasiodiplodia theobromae</i> – A Pigment producing fungi.	PG Department of Pharmaceutical Chemistry, Sri Kalishwari College, Sivakasi
29.02.2008	National Seminar	Tamilaivu – Panmuganokku – Sanga illakiyathil Kanthal .	Department of Tamil, V.V.Vanniaperumal College for Women, Virudhunagar
06.03.2008 - 07.03.2008	National Seminar	“The Present scenario in biodiversity, biotechnology and environmental management” – Potential of newly reported native earthworm , <i>Perionyx ceylanesis</i> for vermitechnology.	Department of Biotechnology, Botany and Environmental Science, J.J. College of Arts and Science, Pudukkottai

13.03.2009 - 14.03.2009	National Seminar	“New Dimensions in Biotechnology” –	Department of Biotechnology, J.J. College of Arts and Science, Pudukkottai .
06.08.2010	National Seminar	“Recent trends in Herbal Medicine” – <i>Vinca Rosea</i> - Properties and Chemical Compounds.	Department of Biochemistry, V.V.Vannia perumal College for Women, Virudhunagar
24.09.2010		“Isolation, Screening and Identification of phosphate solubilizing microorganisms”	Student Faculty Research Forum, V.V.Vanniaperumal College for Women,
08.12.2011	International Seminar	“Emerging trends and innovative technologies in biological sciences for a better tomorrow” - Phosphate solubilizing Microorganisms as microbial inoculant for sustainable agriculture	Department of Biochemistry, V.V.Vannia perumal College for Women, Virudhunagar Abs pp.15 ISBN 978-93-80657-44-8
01.02.2012	State Seminar	“Recent scenario on Biological innovations” - Nitrogen fixing and phosphate solubilizing <i>Rhizobium</i> sp. as microbial inoculant for sustainable agriculture	Departments of Zoology and Micorobiology, V.V.Vannia perumal College for Women, Virudhunagar
26.02.2014	State Seminar	“Integrated pest Management” (IPM) - Botanicals : An Introduction	Departments of Zoology and Microbiology, Thiagarajar College, Madurai
05.09.2014 – 06.09.2014	National Seminar	Biovision - Analyzing the efficacy of phosphate solubilizing microorganisms by enrichment culture technique	Department of Zoology and Botany, APSA College, Thirupathur Sivagangai
29.09.2014 – 30.09.2014	National Seminar	“Algae for Sustainable Agricultural Production” - Enhancing the Phycobilin pigment synthesis in <i>Calothrix</i>	Department of Seed Science and Technology, Agricultural Microbiology, TNAU, Madurai and Seaweed Research and Utilization Association, Tuticorin

28.01.2015 - 29.01.2015	National Seminar	Interdisciplinary Application of Biology – Diversity of Plant Species in selected sacred groves of Melur Taluk in Madurai District, Tamil Nadu	Research Centre and PG Department of Zoology, Jayaraj Annapackiam College, Periyakulam
18.12.2014 – 19.12.2014	National Seminar	Biological Sciences ; The Amalgamation and Advancements of Multidisciplinary Life Sciences - Cellulolytic efficiency of forest litter microflora isolated from Sirumalai hills of Dindigul Dt.,	Departments of Biochemistry, V.V.Vanniaperumal College for Women, Virudhunagar
21.02.2015	National Seminar	Water sanitation and Hygiene – WaSH -	Department of Zoology, E.M.G. Yadava Women's College, Madurai.
31.03.2015	National Seminar	Recent advances in Industrial Biotechnological Skills Development - Preparation of phosphate solubilizing microbial inoculant using vermicompost as a carrier material	PG and Research Department of Botany, Thiagarajar College, Madurai
05.02.2016	National Seminar	Emerging Trends in management of Infectious diseases and public health -	PG and Research Department of Biotechnology, Mohamed Sathak College of Arts and Science, Sholinganallur,
26.02.2016	National Seminar	Advances in Biological and Environmental Sciences "Coelomic fluid protein profiling and heavy metal accumulation of three species of earthworms after exposure to pesticide and metal stress"	Department of Biology, Gandhigram Rural Institute (Deemed University), Gandhigram, Dindigul

03.09.2016	National Seminar	New Frontiers and innovative trends in Biosciences - Antioxidant Properties of silver nanoparticles synthesizing potential of <i>Boerhavia diffusa</i> .	PG and Research Departments of Microbiology, Biotechnology and Biochemistry, J.J.College of Arts and Science
16.01.2017	National Conference	Bioresources: Conservation, Utilization and Future prospects.	Department of Biology, Gandhigarm Rural Institute, Gandhigarm,
01.02.2018	National Seminar	National seminar on Empowerment, social justice, inclusive development: issues and perspectives of tribal tamilnadu. Therapeutics of <i>Andrographis paniculata</i> Practices by the Tribals of Tamil Nadu	Department of History, (DDE) Madurai Kamaraj University, Madurai
21.12.2018	International conference	Recent Trends in Multi-disciplinary Research Analysing the Scientific Reasoning behind the Proverb on iluppai (<i>Madhuca</i> sp.)and its role in Science and Development	A.P.C.Mahalaxmi College for Women, Thoothukudi
31.07.2019	National Symposium on Emerging Vital Infectious Diseases	Nilavembu kudineer – a polyherbal formulation against dengue virus	Department of Biochemistry(PG), Microbiology and Biotechnology V.V.V.College, Virudhunagar
03.10.2019-04.10.2019	International conference	Scientific and social approaches to mental well being - 2019– Restorative Plants to enhance Mental wellbeing	Department of Biochemistry, Zoology, Home Science and Botany, V.V.Vanniaperumal College for Women, Virudhunagar
06.11.2019-07.11.2019	International conference	“Innovative and emerging trends in Botany” - Analysis of awareness on the therapeutic values of traditional herbalism	Department of Botany, Alagappa University, Karaikudi.

08.01.2020 — 09.01.2020	International conference	Bioresource technology for food, energy and environmental sustainability - Analysis of physico-chemical parameters and fertility status in selected soils of virudhunagar district for soil reclamation	Department of Biology, Gandhigarm Rural Institute, Gandhigarm, Dindigul.
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Articles published in Books / Conference Proceedings

Year	Book title / Conference	Article title
2004	Rural biotechnology for sustainable development. (Ed.) Thilagavathy, D., Department of Biology, Gandhigram Rural Institute, Gandhigram. pp. 78 – 82. 2004	Phosphate solubilizing efficiency of microorganism isolated from rhizosphere soil sample of <i>Tephrosia purpurea</i> (L) Pres.
2005	Advances in Environmental Biotechnology. (Ed.) Ravindran, A.D., M.S. Dhana Rajan, Srishta Books, Chennai pp: 53-60. 2005	Effect of <i>Rhizobium</i> sp. and cocomposted tannery sludge on the growth of <i>Acacia auriculiformis</i> .
2005	Advances in Environmental Biotechnology. (Ed.) Ravindran, A.D., M.S. Dhana Rajan, Srishta Books, Chennai pp: 31-35. 2005	Isolation of phosphate solubilizing and salt tolerant bacteria from rhizosphere soil of plants in Gandhigram Rural Institute.
2008	Proceedings of Tamil National Conference on Tamilayvu – Panmukanokku. Department of Tamil, V.V.Vanniaperumal College for Women, Virudhunagar.	SangaIellakkiyathil Kanthal (<i>Gloriosa superba</i>)
2014	Proceedings of the National Seminar on Biovision – 2014 Recent trends and future perspectives of Biosciences. Pp 51 -56.	Assessment of vermicultural characteristics of an exotic earthworm, <i>Eisenia fetida</i> in different organic wastes
2015	SOLID STATE PHYSICS: AIP Conference Proceedings of the 59th DAE Solid State Physics ... AIP Conf. Proc. 1665 ,	Studies on the performance of TiO ₂ thin films as protective layer to chlorophyll in <i>Ocimum tenuiflorum</i> L from UV radiation .
2016	Strengthening the participation of youth in environment protection. PG and Research Department of Zoology, Rajah Serfoji Government College, Thanjavur	Vermiculture - a tool for eradicate pollution and unemployment. pp 38-50, 2016

2018	National seminar on Empowerment, social justice, inclusive development: issues and perspectives of tribal tamilnadu. Department of History, (DDE) Madurai Kamaraj University, Madurai	Therapeutics of <i>Andrographis paniculata</i> practices by the Tribals of Tamil Nadu
2019	National Symposium on Emerging Vital Infectious Diseases Department of Biochemistry (PG), Microbiology and Biotechnology V.V.V.College,	Nilavembu kudineer – a polyherbal formulation against dengue virus

Books published / edited

Year	Book title	Published / edited	ISBN	Publisher
2010	Environmental studies	Published	-	V.V.Vanniaperumal College
2011	Objective Botany	Published	978-81-234-1981-7	New Century Book House (P)

V No. of Seminars/Conferences/Workshops attended

Date	Name of the Refresher course/ Workshop Seminar / Conference / Symposia attended	Organizers / Place
27.01.1996 – 28.01.1996	Workshop on Career Awareness and Prospects	Madurai Kamaraj University Madurai
09.12.2002	National Conference on Effective Microorganisms – “Wealth from Waste”	Amrita Institute of Management , Coimbatore
20.12.2003 – 21.12.2003	Workshop on Medicinal Plants – Perspectives, Prospects and Challenges	Department of Chemistry, Gandhigram Rural Institute (Deemed University), Gandhigram, Dindigul -2
19.09.2006	National Seminar on “Thrust Areas in Biotechnology”	Department of Biotechnology, Bishop Heber College, Thiruchirappalli
27 & 28.01. 2007	National Level Seminar on Herbal Focus – 2007 “Marketing Strategies and Trade Promotion of Herbs and Herbal Products”	Srimad Andavan College, Trichirappalli, Tamil Nadu. India
08.02.2007	State level seminar on	Department of P.G. Biochemistry

	“Bioinformatics”	and Microbiology V.V.Vanniaperumal College for Women, Virudhunagar
27.02.2007.	Intercollegiate seminar on ‘Save Nature for the Future’	Department of U.G. Biochemistry V.V.Vanniaperumal College for Women, Virudhunagar
21.09.2007	Nutrition and Health Awareness Programme	National Service Scheme, MKU & Department of Food processing, V.V.Vanniaperumal College for Women, Virudhunagar
12.12.2007.	National Level Seminar on “Quality and Excellence, The Prime Mantras of Higher Education”	IQAC, V.V.Vanniaperumal College for Women, Virudhunagar
09.02.2008	National Level Seminar on “Recent trends in Nanobiotechnology”	Department of Biochemistry and Biotechnology, Sourashtra College, Madurai.
04.03.2008	State Level Seminar on “Chem – Trend” – 2008	Department of Chemistry V.V.Vanniaperumal College for Women, Virudhunagar
4-5.08.2008	UGC Sponsored State Level Seminar on “Role of Chemistry in Environmental Protection”	Department of Chemistry V.V.Vanniaperumal College for Women, Virudhunagar
21.08.2009	One Day State Level Workshop on “Quality Excellence and Quality Sustenance in Education”	IQAC, Sourashtra College, Madurai
02.12.09 – 05.12.09	Workshop on Curriculum Designing and Evaluation For Autonomous Colleges	Centre for Educational Research , Madurai Kamaraj University, Madurai and V.V.Vanniaperumal College for Women, Virudhunagar
02.01.2010	One day workshop on “Know how of Growing Mushrooms”	Department of Botany V.V.Vanniaperumal College for Women, Virudhunagar and Mushroom Cultivation Centre, Allampatti
05.10.2010 -06.10.2010	Workshop on Environment	Department of Botany and Ecoclub, V.V.Vanniaperumal College for Women, Virudhunagar
03.12.2010 –	Orientation and Retraining of Teachers Programme	Internal Quality Assurance Cell, V.V.Vanniaperumal College for Women, Virudhunagar

04.12.2010		
05.01.2011	Sponsored by Tamil Nadu State Council for Science and Technology, Chennai - Workshop on “Energy management and employment opportunities”	Department of Physics, V.V.Vanniaperumal College for Women, Virudhunagar
17.02.2011 – 19.02.2011	UGC Sponsored 3 day training programme on “Competence Building for young teachers”	Internal Quality Assurance Cell – V.H.N.Senthikumara Nadar College, Virudhunagar, Tamilnadu, India
31.10.2011 – 01.11.2011	Retraining of Teachers Programme	Internal Quality Assurance Cell, V.V.Vanniaperumal College for Women, Virudhunagar
18.12.2011	International Seminar on “Emerging trends and innovative technologies in Biological Sciences for a better tomorrow”	Department of Biochemistry, V.V.Vanniaperumal College for Women
20.01.2012	Workshop on “Green Health Therapy” – Sustainable utilization and conservation of Medicinal Plants	Department of Botany, V.V.Vanniaperumal College for Women
06.03.2012 – 07.03.2012	National Level Conference on Innovative Strategies in Teaching – Learning and Evaluation Process	Internal Quality Assurance Cell, V.V.Vanniaperumal College for Women, Virudhunagar
28.01.2013	State Level Seminar on Nuclear Power in the service of Mankind - 2013	Department of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar
01.02.2013 – 02.02.2013	National Conference on “Microbial technology for sustainable development”	Department of Biology, Gandhigram Rural Institute (Deemed University), Gandhigram, Dindigul -2
12.02.2014 – 15.02.2014	National workshop cum training programme on conventional and modern aspects of Plant Taxonomy	Department of Biology, Gandhigram Rural Institute (Deemed University), Gandhigram, Dindigul -2
27.02.2014	State Level Seminar on Modern Biology – Henceforth and Hitherto	Department of Biochemistry, V.V.Vanniaperumal College for Women
03.07.2014 – 05.07.2014	Workshop on Analytical tools for researchers in Commerce and Computer Science (OD)	Department of Maths, Commerce and Computer Science, V.V.Vanniaperumal College for Women, Virudhunagar
29.09.2014 – 30.09.2014	National Seminar in Algae for Sustainable Agricultural Production	Department of Seed Science and Technology, Agricultural Microbiology, TNAU, Madurai

		and Seaweed Research and Utilization Association, Tuticorin
19-21.11.2014	Workshop on Funded Projects: Writing strategies for preparing proposal and impressive presentation	Department of Education (DD&CE), Manonmaniam Sundaranar University, Tirunelveli -12
22.01.2015	Workshop on “Beekeeping”	Department of Zoology, V.V.Vanniaperumal College for Women
30.01.2015	State level seminar on “Strategies to overcome bone health issues	Department of Homescience, V.V.Vanniaperumal College for Women
6-7.03.2015	Discourses on past, present and future scenario on medicinal plant conservation in India	PG and Research Department of Botany, Saraswathi Narayana college, Madurai
27-28.01.2016	Ranking the Research Publications: citation analysis, citation databases and anti plagiarism.	Department of Library Science, Jayaraj Annapackiam College for Women, Periyakulam.
12.02.2016	Emerging Trends in Biological Sciences	Department of Botany, VHNSN College, Virudhunagar
5-7.10.2016	Workshop on Taxonomy	IFGTB - Coimbatore
16.11.2016	ICT Academy Bridge 2016-The largest Industry Institution Event of India	ICT Academy Venue: Hotel Fortune Pandiyan, Madurai.
27.01.2017	State level conference on Current innovations of chemistry in medicine	Department of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.
24.02.2017	State level seminar on Vegetarian and non vegetarian diet-Panacea for modern life diseases.	Department of Home Science, V.V.Vanniaperumal College for Women, Virudhunagar
22.05.2017-28.05.2017	National workshop on “Methods in cell culture and <i>in vitro</i> toxicology” – (Sponsored by UGC under CPEPA scheme)	National Centre for Alternatives to Animal Experiments (NCAAE), Bharathidasan University, Trichy- 24, India
11.01.2018	Workshop on Nanomaterials and Characterization Techniques	Department of Physics, V.V.V.College, Virudhunagar
25.01.2018	State level seminar on Recent Advances in Plant Sciences	Department of Botany, V.H.N.S.N.College, Virudhunagar
30.01.2018	Workshop on Kitchen garden,	Department of Botany, Vivekananda College, Tiruvedakam West, Madurai
07.02.2018	International symposium on Biomedical research challenges and opportunities	Research Advisory Committee, Fatima College Madurai

09.02.2018- 10.02.2018	Molecular Advances in Biomedical Research	PG and Research Department of Zoology, Nehru Memorial College, Puthanampatti Department of Animal Science, Bharathidasan University, Trichy
21.02.2018 – 22.02.2018	Two day workshop on Nanomaterials characterization by electron Microscopy	Madurai Kamaraj University, Madurai
09.03.2018	Hands on training programme in reference management tools for research scholars	Internal Quality Assurance Cell and Research Wing, V.H.N.S.N. College, Virudhunagar
03.08.2018	Workshop on Fold scope	Department of Biochemistry, V.V.V.College, Virudhunagar
20.09.2018	Workshop on Mushroom Cultivation	Department of Botany, V.V.V.College, Virudhunagar
17.10.2018	Western Ghats: Threats and Conservation	Department of Zoology, The American College, Madurai
11.12.2018 -12.12.2018	Science Academies' Lecture Workshop on "Recent advances in Biological Sciences"	Department of Botany, Vivekananda College, Tiruvedakam West, Madurai
01.02.2019	Seminar on Recent Trends in Material Science	Department of Physics, V.V.V.College, Virudhunagar
04.02.2019	Seminar on Recent Trends in Chemistry	Department of Chemistry, V.V.V.College, Virudhunagar
03.08.2019	Workshop on Art of Writing Effective Project Proposal	IQAC V.V.V.College, Virudhunagar
29.08.2019	National seminar - Impact of Microbes on food and health	Department of Microbiology and B.Voc. Food safety and Quality Management, VHNSN College, Virudhunagar
14.11.2019	Hands on Training Programme - Accessing E-resources and Reference Tools	Dr.Ramachandran Library, Gandhigram Rural Institute – Deemed to be University, Gandhigram
12.12.2019	National seminar on "Innovations in Plant Science, Soil health and Agriculture	Department of Botany, Lady Doak College, Madurai

VI Course attended (Refresher / Orientation / any other)

Name of the Course	Venue	Duration
Orientation Programme	Academic Staff College, Madras University, Chennai	01.11.2008 - 28.11.2008
Refresher Course - Modern Trends in Biological Sciences	Academic Staff College, Madurai Kamaraj University, Madurai	03.11.2009 – 23.11.2009
Refresher Course – Nano Science	Academic Staff College, Madras University, Chennai	15.11.2013 – 05.12.2013

VII As a member of Board of Studies :

University / College	Period	Board
VHNSN College, Virudhunagar	2012 – 2014	UG and PG Botany Board
Fatima College, Madurai	2016, 2018	UG Zoology Board for Botany Ancillary Programme
Vivekananda College, Madurai	2019	UG and PG Botany Board

VIII As a member in Inspection Commission / Interview Panel / others

Particulars	Date	Venue	Course / Post
Interview panel	05.08.2013	V.V.Vanniaperumal College For Women, Virudhunagar.	Botany - Assistant Professor
Interview panel	16.03.2016	V.V.Vanniaperumal College For Women, Virudhunagar.	Botany - Assistant Professor
Interview panel	14.08.2017	V.V.Vanniaperumal College For Women, Virudhunagar.	Botany - Assistant Professor

IX Seminars / Conferences / Workshops organized

Date	Level	The
20.01.2012	Regional	Workshop – Green Health Therapy –
20.09.2018	State	Workshop – Mushroom Cultivation
03.10.2019 – 04.10.2019	International	Seminar - Scientific and social approaches on mental wellbeing