



**Dr.S.MANEEMEGALAI**  
**Associate Professor in**  
**Biochemistry**

**Contact**

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**Academic Qualifications:**

Degree	Subject	College / University	Year of passing
<b>M.Sc.</b>	Biochemistry	University of Madras	<b>1990</b>
<b>M.Phil.</b>	Biochemistry	University of Madras	<b>1991</b>
<b>Ph.D.</b>	Biochemistry	University of Madras	<b>1996</b>

**Teaching Experience:**

25 Years

**Research Experience:**

20 Years

## Areas of Research

Diabetes, Herbal Plants and role of secondary metabolites for treatment.

## Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	5	3
	M.Phil	4	-
Project	PG	8	--

### Research project:

Title of the Project	Name of the funding Agency	Duration & Amount Rs.
<b>Studies on the Defluoridation Efficacy of <i>Moringa oleifera</i>, <i>Camellia sinensis</i> and Vermiculite.</b>	Tamil Nadu State Council for Higher Education	One Year (2016-2017) Rs.100000/-

### Awards Received:

Received the **Title of FELLOW of Indian Association of Biomedical Scientists** for the significant contributions for the advancement of Biomedical Sciences on 15<sup>th</sup> November 2018.

Honourable Jury Mention (Faculty) 4<sup>th</sup> South Asian Education Awards 19 on 10.03.2019

### h Index:

Google Scholar h index -7

i10 index - 7

Scopus index - 5

## Publications in UGC-Care/Refereed Journals

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapter
36		10	2	2/4

### List of Publications (Journal):

1. V.Elangovan, D.Nandhini, S.Maneemegalai, S.Natarajan and S. Govindasamy (1992).  
“Studies on the status of lipid peroxidation and the antioxidant system during ageing”.  
Med. Sci. Res., 20, 385 – 387.

2. S. Maneemegalai, D.Nandhini, V.Elangovan, N.Sekar and S.Govindasamy (1993).  
“Insulin – like effects of Bis-alaninato oxovanadium (IV) complex in experimental diabetic rats”.  
Biomedicine, 13, 39-42.

3. D. Nandhini, S.Maneemegalai, V.Elangovan, N.Sekar and S.Govindasamy (1993). "Insulin – like effects of Bis-glycinato oxovanadium (IV) complex in experimental diabetic rats". Indian J.Biochem. Biophys. 30, 73 – 76.
4. S. Maneemegalai, N. Sekar and S. Govindasamy (1994). "Insulin – like effects of sodium orthovanadate on ureacycle enzymes in streptozotocin diabetic rats". J.Clin. Biochem. Nutr., 16, 187 – 192.
5. S. Maneemegalai, N. Sekar and S. Govindasamy (1994). "Regulatory role of sodium orthovanadate on the activities of lysosomal enzymes in streptozotocin diabetic rats". Med. Sci. Res., 22, 757 – 759.
6. S.Maneemegalai, N.Sekar and S.Govindasamy (1996). "Effect of vanadate on tissue defense system in streptozotocin induced diabetic rats". J.Clin. Biochem. Nutr., 20, 157 – 164.
7. A.Jayashree and S.maneemegalai (2008). " Studies on the antibacterial activity of the extracts from *Tridax procumbens* L and *Ixora coccinea* L". Biomedicine, 28 (3), 190-194.
8. M.Sathishkumar and S.Maneemegalai [2008]. " Evaluation of Larvicidal effect of lantana camara Linn against mosquito Species *Aedes aegypti* and *Culex quinquefasciatus*". Advan. Biol. Res., 2[3-4], 39-43.
9. S.Maneemegalai and T.Naveen (2010). Evaluation of antibacterial activity of flower extracts of *Cassia auriculata*.L. Ethnobotanical Leaflets,14, 182-192.
10. S.Maneemegalai and P.Monika (2010). Determination of activity of leaf and flower extracts of *millingtonia hortensis* l. against primary and opportunistic pathogens. J. Herbal Medicine and Toxicology, 4 (2) 65-70
11. S. Maneemegalai and S. Nandakumar, 2011. Biochemical Studies on the Germinated Seeds of *Vigna radiata* (L.) R. Wilczek, *Vigna mungo* (L.) Hepper and *Pennisetum typhoides* (Burm. f.) Stapf and C.E. Hubb. International Journal of Agricultural Research, 6: 601-606.
12. S.Maneemegalai and Reena Prasad, 2011. Evaluation of proximate composition and mineral content of commercially available groundnut and sesame meal. Agricultural Science Digest,31(2): 136-139.
13. S.Maneemegalai and Reena Prasad, 2011.Evaluation of amino acid composition and protein solubility profile of commercially available sesame and groundnut seed meal. Asian Journal of Food and Agro Industry, 4(03), 161-166
14. P .Padmapriya, and S. Maneemegalai,2014."Qualitative and quantitative analysis of the phytochemical constituents of *mollugo cerviana* (l)".International Journal of Pharmaceutics and Drug Analysis, 2 (9):695-699
15. P.Jasmin lena and S.Maneemegalai, 2015. "Water pollution Status of Varahanadhi River by Physicochemical Analysis". International Journal of Chem Tech Research 7(7), 2911-2916,
16. P.Jasmin lena and S.Maneemegalai, 2015. "Studies on the Pollution Levels of Varahanadhi River". Biomedicine, 35(3), 318-322.
17. P .Padmapriya, and S. Maneemegalai, 2015,"Evaluation of in - vitro antioxidant activity of Mollugo

cerviana (L.)". Biomedicine 35(4):381 – 385 .

18. P. Meenatchi, A. Purushothaman and S. Maneemegalai 2016. Antioxidant, antiglycation and insulinotropic properties of *Coccinia grandis* (L.) *in vitro*: Possible role in prevention of diabetic complications. [Journal of Traditional and Complementary Medicine](http://dx.doi.org/10.1016/j.jtcme.2016.01.002), available online, <http://dx.doi.org/10.1016/j.jtcme.2016.01.002>

19. P .Padmapriya, and S. Maneemegalai, 2016. Phytochemical screening and GC-MS analysis of *Mollugo cerviana* (L.). International Journal of Green and Herbal Chemistry, Sep 2016 – Nov 2016, Sec B, Vol 5, No.4, 319 – 330. (UGC care listed till June 2019)

20. A.Shanmugapriya and S.Maneemegalai, 2017. Phytochemical screening, antimicrobial and antioxidant activity of leaf extracts of *Tridax procumbens*. International Journal of Research In Pharmacy and Chemistry, 7(3), 320-326

21. A.Shanmugapriya and S.Maneemegalai, 2017. FT-IR Spectroscopic Studies on Synergistic Potential of *Boerhavia diffusa* and *Tridax procumbens*. International Journal of Pharmaceutics and Drug Analysis, 5, 442 – 446.

22. A.Shanmugapriya and S.Maneemegalai, Dec 2017 – Feb 2018. Quantitative Phytochemical estimation and GC-MS studies in ethanolic root extracts of *Boerhavia diffusa*. International Journal of Green and Herbal Chemistry, 7, 010 – 016.

23. R.Priya, P.Mani and S.Maneemegalai, 2018. Purification and Structural characterization of a Bioactive molecule, 13 Docosenamide, (Z) from the leaves of *Erythrina indica*. World Journal of Pharmaceutical Research, 7, 663 – 671.

24. R.Priya, P.Mani and S.Maneemegalai, 2018. Anti – oxidant and anticancer properties of Ethanol leaves extract of *Erythrina indica*. European Journal of Biomedical and Pharmaceutical Sciences, 5, 438-443.

25. S. Maneemegalai and S. Nandakumar, 2018. Studies on the influence of germination on the activity of antioxidant enzymes of *Vigna radiata*, *Vigna mungo* and *Pennisetum typhoides* seeds. International Journal of Research in Biosciences, 7, 30-36.

26. P.Padmapriya and S.Maneemegalai, 2018. Evaluation of antimicrobial activity of the whole plant extract of *Mollugo cerviana* (L.) Ser against Human Pathogens. International Journal of Pharmaceutics and Drug Analysis, 6, 127-132 .

27. A.Shanmugapriya , S.Maneemegalai et al, 2018. A combinative evaluation of Antioxidant Potential in *Tridax procumbens* and *Boerhavia diffusa*. International Journal of Pharmaceutics and Drug Analysis, 6, 197-202 .

28. P. Jasmin Lena and S. Maneemegalai, 2018. Impact of heavy metal pollution on haematological parameters in freshwater fishes. International Journal of Environment, Ecology, Family and Urban Studies, 8(2), 1- 8.

29. M. Narmatha, P. mani and S. Maneemegalai, 2018. Isolation, purification and identification of an antimicrobial compound from the ethanol seed extract of *Syzygium cumini*. International Journal of Pharmaceutics and Drug Analysis, 6(6), 529 – 535.

30. R. Priya and S. Maneemegalai, 2018. Evaluation of antibacterial activity of bioactive compound from ethanolic leaves extract of *Erythrina indica*. International Journal of Life Sciences Research, 6(4), 219 – 223.

31. R. Priya and S. Maneemegalai, 2018. Screening of Phytochemical and phytonutrient content of leaves of

Erythrina indica. International Journal of Green and Herbal Chemistry, 8, 009 – 016.

32. P. Meenatchi, A. Purushothaman and S. Maneemegalai, 2018. Antidiabetic effect of *Coccinia grandis* (L.) voigt (Cucurbitales; Cucurbitaceae) on streptozotocin induced diabetic rats and its role in regulating carbohydrate metabolizing enzymes. Brazilian Journal of Biological Sciences, 5(11), 683 – 698.

33. P. Jasmin Lena and S. Maneemegalai, 2018. Oxidative stress and antioxidant enzymes in tissues of fresh water fishes as biomarkers of aquatic pollution. International Research Journal Biological Sciences, 7(11), 1 – 5.

34. M.Narmatha and S.Maneemegalai, 2019. Preliminary analysis of nutrients and phytochemical contents of *Syzygium cumini* seeds. International Journal of Green and Herbal Chemistry, June 2019 – August 2019, Sec B, 8(3), 269 – 276.

35. M.Narmatha and S.Maneemegalai, 2019. An invitro study of *Syzygium cumini* seed extract on glucose uptake activity in L-6 cell lines. Journal of Drug Delivery and Therapeutics, 9(4A), 256 – 259.

36. M.Narmatha and S.Maneemegalai, 2019. In vitro studies on antioxidant,  $\alpha$  – amylase and  $\alpha$  – glucosidase inhibitory activities of ethanol extracts of *Syzygium cumini* seeds. Biomedicine, 39(2), 258 – 262.

37. A.Shanmugapriya and S.Maneemegalai, 2019. Evaluation of synergistic potential of *Tridax procumbens* and *Boerhavia diffusa* in isoproterenol induced myocardial injury. Biomedicine, 39(4), 555 – 560.

38. P.Jasmin Lena and S.Maneemegalai, 2020. A review of the effect of water pollution on the Biochemistry of fishes, NeuroQuantology, 2020, May, 18(5), 101-113.

39. P.Jasmin Lena and S.Maneemegalai, 2021. Analysis of influence of pollution on haematology of fresh water fishes in Varahanadhi river. NeuroQuantology, 2021, January, 19(1), 107-116.

40. P.Meenatchi and S.Maneemegalai, 2021. *Coccinia grandis* extract exerts antihyperglycemic effect through its antioxidant,  $\alpha$ - amylase and  $\alpha$ -glucosidase inhibitory activities. – An invitro study. Asian Journal of Biological and Life Sciences, 10(3), Sep – Dec 2021, 590 – 596, 2021.

41. P.Padmapriya and S.Maneemegalai, 2021. In silico molecular docking studies on medicinally active compounds present in *Mollugo cerviana* (L.) Ser. International Journal of Botany studies, 6(6), 1458 – 1463.

42. S.Maneemegalai et al., 2022. Review on the medicinal applications of zinc oxide nanoparticles. Specialusis Ugdymas, 1(43), 8439 – 8447.

43. S.Rexicida Janthark Mary and S.Maneemegalai, 2022. In vitro antioxidant activities of aqueous and ethanol extract of seed of *Ocimum basilicum*. International Journal of Biology, Pharmacy and Allied Sciences, 11(2), 750 – 761.

44. S.Gomathi and S.Maneemegalai, 2023. Phytochemical Analysis and in vitro antioxidant activities of medicinal plants *Cyperus rotundus*, *Tinospora cordifolia* and their formulation. Oriental Journal of Chemistry, 39(3), 712 – 720.

45. S. Maneemegalai, P.Jasmin Lena, M.Uma and S.D.Saraswathy, 2023. Evaluation of the effect of pollution on the level of antioxidant enzymes in fresh water fishes. Journal of Advanced Zoology, 44(3), 225-232.

46. S.Gomathi and S.Maneemegalai, 2023. Isolation, characterization of  $\beta$ - sitosterol from the herbal extracts

and evaluation of in vitro anti-oxidant and anti-diabetic activities. Journal of Microbiology, Biotechnology and Food Sciences (Article in Press) DOI: <https://doi.org/10.55251/jmbfs.10236>

### Publications in Conference Proceedings:

1. R.Priya & S.Maneemegalai, Phytochemical Studies on the Methanol and Ethanol Leaf Extracts of Lantana camara - COASTAL TECH 2014 (COASTALResources and Management Strategies through Spatial TECHNOlogy)- 13<sup>th</sup> & 14<sup>th</sup> March 2014- ISBN 978-81-928646-6-2.
2. P.Jasmin Lena& S.Maneemegalai, Physio Chemical and Microbial Analysis of the Varahanadhi River - COASTAL TECH 2014 (COASTALResources and Management Strategies through Spatial TECHNOlogy)- 13<sup>th</sup> & 14<sup>th</sup> March 2014- ISBN 978-81-928646-6-2.

### Books Published :

1. Essentials of Biochemistry- Dr.S.maneemegalai et al., Saliha Publications, Jan 2023. ISBN – 978-93-94198-19-7
2. Textbook of Elementary Biotechnology – Dr.S.Maneemegalai et al., Saliha Publications, July 2023. ISBN- 978-93-94198-37-1

### Publication (Chapters in Books)

	Title of the Book	Name of the Editor	Chapter contributed	Name of the publisher	ISBN / ISSN
1	Research Methods in Life Sciences	Dr.A.Singaravel & Dr.Chellam Balasundaram	Screening methods for Phytochemicals Antimicrobial and Antioxidant activity of Medicinal Plants	UGC- ASC, Bharathi dasan University	978-81-908597-1-4
2	Orientation Programme Resource Material Volume I	Dr.A.Singaravel	Management of Women Educational Institutions: Challenges and Responsibilities	UGC- ASC Bharathi dasan University	978-81-922810-2-5
3	Hospitality and Tourism Industry amid Covid-19 Pandemic (2021)	Dr.Varinder Singh Rana et al	Transmission qualities and Pathogenesis of Sars-Cov-2 and covid 19 infections in Humans.....	Eureka Publications	978-81-951936-0-8
4	Elements of Endocrinology(2022)	Dr.R.Venkateswari	Adrenal Gland Hormones	Saliha Publications	978-93-94198-09-8

## Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized:

1.	Organized a National Conference on “Phytochemicals in Medicinal Plants and Food” (PHYMED’15) sponsored by Tamil Nadu State Council for Science and Technology and Bioelixer at Bharathidasan University Constituent College for Women, Orathanadu – 614 625, Thanjavur Dt on 30 & 31 July 2015.
2.	Organized a National Conference on “Phytochemicals in Medicinal Plants and Food” (MEDFOOD’18) sponsored by University Grants Commission, New Delhi and Tamil Nadu State Council for Higher Education at Bharathidasan University Constituent College for Women, Orathanadu – 614 625, Thanjavur Dt on 1st February 2018.

## Events Participated

### Conference / Seminar /participated/Paper presented/Chair:

Indian Association of Biomedical Scientists XIV Annual Conference, September 11<sup>th</sup> & 12<sup>th</sup>, 1993, Madras- Presented a paper on Effect of sodium orthovanadate on the levels of Urea cycle enzymes in experimental Diabetes.

XVI IUBMB INDIA satellite symposium on Collagen structure, Biology and Technology, CLRI, Madras-15-17<sup>th</sup> September 1994.

Seminar on Immunology and Immunotechnology-SOII '09-Bharathidasan University, Trichy, 18-19<sup>th</sup> September, 2009.

UGC sponsored National seminar on Recent Trends in Secondary Metabolic Engineering, 5<sup>th</sup> January, 2010, at Bharathidasan University, Trichy-24.

National level Seminar on Recent Advances in Biomedical Research on Infectious and Non- Infectious Diseases, 13<sup>th</sup> & 14<sup>th</sup> October, 2011 at Bharathidasan University,Trichy-24 – Presented a poster on Evaluation of antioxidant enzyme activity on the Germinated Seeds of *Vigna radiata(L.)R. Wilczek and Pennisetum typhoides(Burm f.)Stapf&C.E.Hubb.*

Participated in State level Conference on “Re-thinking the teacher Education” 5<sup>th</sup> May 2012 at Government College of Education, Orathanadu-614625.

Participated inNational Seminar on Recent Technologies and Best Practices in Herbal Drug Industry at Periyar Maniyammai University, 9.11.12 – 10.11.12

UGC sponsored Principals meet at UGC- Academic Staff College, Bharathidasan University, Trichy – 23 on 22.02.2014

Participated and **Resource person** in National Seminar COASTAL TECH, 2014, Organised at Tamil University, Thanjavur on 13 & 14.03.2014

Participated and **delivered key note address** entitled Diabetes and its Comlications in the One day State level Seminar on Recent Advances in Biochemistry at Rabiammal Ahamed Maideen College for Women, Tiruvarur on 22<sup>nd</sup> January 2015.

Participated and **acted as a Judge** for oral Presentation in UGC sponsored National Conference on Current

Perspectives and Challenges in Biodiversity and its conservation (NACPCB – 15) at Rajah Serfoji Govt College, Thanjavur during 6<sup>th</sup> and 7<sup>th</sup> March 2015.

Participated and Presented a Paper on “Reinventing Teaching Strategies: Innovations” in the NAAC sponsored National Seminar on “ Quality enhancement in Teaching, Research and Extension in Higher Learning Institutions- problems and prospects” organized by Internal Quality Assurance Cell (IQAC) of Kanchi Mamunivar Centre for Postgraduate Studies (Autonomous), Government of Puducherry, Puducherry – 605 008 held on August 20 &21- 2015.

Participated and Presented a Paper on “ Conservation of Declining Domestic animal Biodiversity” in the National Conference on “Intellectual Property Rights in Biodiversity and Biotechnology (IPRBB- 2015)” organized by PG and Research Department of Zoology and Biotechnology, A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 613 503, Thanjavur (Dt.) on 15<sup>th</sup> 16<sup>th</sup> September, 2015.

Participated in Two days National Seminar on “Recent Trends in Standardization and Biological Evaluation of Plant Drugs” at Srimad Andavan Arts and Science College on 29.9.2015 & 30.9.2015.

Participated and served as a **Chair person** on Technical Session I in the National Conference on Trends in Healthcare and Biotechnology: Opportunities and Challenges (THBOC – 2016) sponsored by SERB, DST, Govt. of India organized by PG and Research Department of Zoology and Biotechnology, A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 613 503, Thanjavur (Dt.) on 22<sup>nd</sup> & 23<sup>rd</sup> January 2016.

Participated and presented a paper entitled Evaluaton of Phytochemical content of Syzygium cumini linn seeds extracts in the International Conference on Clinical Research(ICCR 2016) at Srimathi Indra Gandhi Womens College, Tiruchirappalli ,on 25.01.2016.

Participated and presented a paper on “Effect of *Moringa oleifera* seeds on defluoridation of contaminated drinking water” in National seminar on Herbal Drug Development/PG and Research Department of Biochemistry, Sengamala Thayaar Educational Trust Womens College, Mannargudi- 614016/ 22.09.2017

Participated and presented a poster on “Assessment of Defluoridation Potential of Camellia sinensis in contaminated water” in UGC sponsored National Conference on Recent Advances in Modern Biology and Rural Development (RAMBARD – 2017)/ Department of Botany and Microbiology, A.V.V.M. Sri Pushpam College, Poondi = 613503/ 5<sup>th</sup> &6<sup>th</sup> October 2017.

Participated and **Chaired a session** in National Conference on Interdisciplinary Research and Innovations in Biosciences NATCON – 2018/ Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai – 600119/ 24<sup>th</sup> & 25<sup>th</sup> January 2018.

**Resource Person** in Centrally sponsored scheme of Teacher Education- Inservice Training Programme for School Teachers on Social Science/ Government College of Education, Orathanadu 614625/ 27.03.2018

Participated and presented a paper in International conference on current concepts on the role of Indian medicine and phytoceuticals in maintenance of health, Mangalore University Post Graduate centre, Kodagu, karnataka/15-17<sup>th</sup> Nov 2018.

Participated and presented a paper in International Conference on cancer inferno and its prevention strategies, Periyar EVR College (Autonomous), Tiruchirappalli/20.02.2019.

Participated and presented a paper in Annual Conference of IABMS on Biomedical Research and innovations to enhance quality of life, Chettinad Hospital & Research Institute, Kelambakkam, Chennai, 31<sup>st</sup> Oct – 2<sup>nd</sup> Nov 2019.

Participated and presented a paper in National Seminar on Molecular basis of cancer and prevention, PRIST Deemed to be University, Thanjavur/18<sup>th</sup> – 19<sup>th</sup> Feb 2020.



Participated and presented a paper in National Seminar on Dravidian Herbal Heritage and Modern Clinical systems, Dravidian University, Kuppam, AP/ 24<sup>th</sup> – 25<sup>th</sup> Feb 2020.

Participated and presented a paper in the 7<sup>th</sup> International Conference on Innovations in Chemical and Environmental Research, PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli/25<sup>th</sup> May 2022.

Participated and presented a paper in International Conference on Research Trends, Strategies, and Technical advancements in Biological and Biomedical Sciences for sustainability, Research Department of Zoology, Seethalakshmi Ramaswami College, Tiruchirappalli/ 14<sup>th</sup> & 15<sup>th</sup> Dec 2022.

Participated and presented a paper in XLVI Indian Social Science Congress, Bharathidasan University, Tiruchirappalli/27<sup>th</sup>-31<sup>st</sup> Jan 2023.

Participated and presented a paper in International Conference on Phytotherapeutics , PG and Research Department of Biochemistry & IQAC, Sengamala Thayaar Educational Trust Women's College (Autonomous), Sundarakkottai, Mannargudi/10<sup>th</sup> Feb 2023.

Participated and presented (online) a paper in the International Conference on Engineering and Technology sponsored by AICTE, New Delhi organized by Selvam College of Technology, Namakkal/21<sup>st</sup> & 22<sup>nd</sup> sep 2023.

Participated and presented a paper in National Seminar on Impact of Non – Communicable Diseases in India, Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirappalli/11.10.2023.

Participated and Chaired a session in National Seminar on Technology Enabled Learning in Distance and Online Education, CDOE, Bharathidasan University, Tiruchirappalli/29<sup>th</sup> Nov 2023.

### **Work shop:**

Workshop on Techniques in collection and Rearing of Biocontrol Insects (WOCRBI- 2012) Organized by the P.G. and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli – 620 020 on 01.02.2012. Participated in exclusive workshop for members of Board of Studies on “ Reform of Undergraduate and Postgraduate Curriculum for Enhancing Employability” organized by Curriculum Development Cell on 22<sup>nd</sup> March 2013 at Bharathidasan University, Tiruchirappalli – 620024.

Participated in the one day Exclusive Workshop for Principals on “ICT, Research and Development and Innovative Teaching Skills” in Higher Education organized by UGC- Academic Staff College, Bharathidasan University, Tiruchirappalli – 620023 on 28.03.2013.

Workshop on “Quality Research Report Writing” at Bharathidasan University, Trichy – 24 on 28.02.2014.

Participated in the workshop on “Innovative Curriculum Designing and Evaluation” organized by Curriculum Development Cell on 14<sup>th</sup> August 2015 at Bharathidasan University, Tiruchirappalli – 620024.

Participated in the National Workshop on Expository Writing Skills for Journal Papers/ Government College of Education, Orathanadu – 614625/ 06.01.2018.

Participated in the DST-PURSE sponsored workshop on Biochemical and Molecular Biological Techniques/ Department of Medical Biochemistry, Dr. A.L.M Post Graduate Institute of Basic Medical Sciences, Taramani, Chennai – 600113/ 12<sup>th</sup> – 26<sup>th</sup> February 2018.

**Training Programme:**

Participated in SAKSHAM –IT Champion Training Program conducted by Microsoft held at Bharathidasan University, Trichy -24 between 21.06.12 and 30.06.12.

**Short term Course:**

Participated in the UGC sponsored Short Term Course in Life Science conducted by UGC Academic Staff College, Bharathidasan University, Trichy-23, 25-27<sup>th</sup> March 2011.

Participated in the UGC sponsored Online Short Term Course in Quality Assurance & Enhancement in Higher Education conducted by UGC HRDC, Bharathidasan University, Tiruchirappalli -23 from 10.03.2023 to 16.03.2023.

**Orientation Programme:**

Participated in the 70<sup>th</sup> Orientation Programme conducted by UGC Academic Staff College, Bharathidasan University, Trichy-23, 20.05.2011 to 16.06.2011.

Participated as the Principal of Bharathidasan University College for Women in the Orientation Programme in “ Planning and Management of Higher Education Institutions” Organised by the Department of Higher and Professional Education of National University of Educational Planning and Administration from December 19-23, 2011 at Academic Staff College, University of Kerala, Thiruvananthapuram.

**Refresher Course:**

Attended a refresher Course conducted by UGC Academic College, Bharathidasan University, Trichy – 23 on Life Sciences 29.06.2013 – 19.07.2013

Attended a refresher Course conducted by UGC Academic College, University of Madras, Chennai – 5 on Life Sciences, 12.11.2014 – 02.12.2014.

Attended a refresher Course conducted by UGC - HRDC, Bharathidasan University, Trichy – 23 on Environmental Sciences (Multidisciplinary), 24.02.2021 – 09.03.2021.

**Mooc Course:**

Attended a MOOC Course on Dynamics of Teaching – Learning conducted by ICAR – National Academy of Agricultural Research Management, Hyderabad, Telangana/ 1 – 30<sup>th</sup> Nov 2018.

Attended a MOOC Course on Designing E – Learning Content conducted by ICAR – National Academy of Agricultural Research Management, Hyderabad, Telangana/ 1 – 31<sup>st</sup> July 2020.

Attended a MOOC Course on Digital Assessment and Evaluation Methodologies conducted by ICAR – National Academy of Agricultural Research Management, Hyderabad, Telangana/ 1 – 30<sup>th</sup> Sep 2022.

Attended a MOOC Course on Digital Teaching Techniques conducted by ICAR – National Academy of Agricultural Research Management, Hyderabad, Telangana/ 1 – 30<sup>th</sup> Oct 2023.

**Administrative Experience:**

**College/University/Institution:**

**Vice Principal - 16.06.2008 – 28.06.2009**

**Principal i/c - 29.07.2009 – 08.10.2009**

**Principal i/c - 17.08.2010 – 09.09.2014**

**Head of the Department – 2005 – 2022**

**Details of the posts held at this University / other Institution**

Name of the Post	Institution
Associate Professor in Biochemistry (19.12.2022 – till date)	CDOE, Bharathidasan University, Tiruchirappalli – 620024.
Associate Professor & Head (29.06.2021 – 18.12.2022)	Bharathidasan University Constituent College for Women, Orathanadu – 614625
Assistant Professor & Head (29.06.2009 to 28.06.2021 )	Bharathidasan University Constituent College for Women, Orathanadu – 614625
Assistant Professor & Principal i/c (29.07.2009 – 08.10.2009, 17.08.2010 – 09.09.2014)	Bharathidasan University Constituent College for Women, Orathanadu – 614625
Vice Principal and Head of the Department of Biochemistry (June 2008 – June 2009)	Bharathidasan University Constituent College for Women, Orathanadu – 614625
Lecturer (June 1999 – June 2008) & Head of the Department	Prince Shri Venkateshwara Arts and Science College, Gowrivakkam, Chennai
Lecturer (June 1998 – May 1999)	Alpha Arts and Science College, Chennai

**Co-curricular activities:**

Conducted Community out reach Pogram – Blood grouping Camp and Body Mass Index for the students of Government Girls Higher Secondary School, Orathanadu on 21<sup>st</sup> July 2014.

Organized One day Programme on Motivation Campaign on Promotion of Youth Entrepreneurship on 7<sup>th</sup> March 2015.

Coordinator for special care for slow learners in order to prevent college dropouts programme

IQAC Coordinator of the College (2014 – 2022)

Doctoral Committee member for other Institution students of Bharathidasan University, Trichy.

Chief Superintendent of University Examination of the College– November 2009 – April 2014.

Question paper setter/ Examiner for various other autonomous Institutions.

Appointed as a member of PG Board of studies of Biochemistry, University of Madras (2007-2008)

Appointed as a member of academic council of University of Madras (2008).

Appointed as a Chairman of Board of Studies in Biochemistry (UG &PG), Bharathidasan University (2012 -

2015)

Appointed as a Member of Board of Studies in Biochemistry (UG &PG), Bharathidasan University (2015 - 2018)

Member of Board of Studies Raja Serfoji Government College (Autonomous), Thanjavur.(2018-2020)

**Reviewer:**

Reviewed for the following Journals  
African Journal of Pharmacy and Pharmacology  
Journal of Medicinal plants Research  
International Journal of Advance Agricultural Research  
www.bluepenjournals.org/ijaar  
Journal of Pharmacognosy and Phytotherapy

**Membership in Professional Societies:**

1. Life member in Indian Association of Biomedical Scientists (IABMS), No.546
2. Life member in Indian Immunology Society, No. LM/IIS/008/05/09
3. Life member in Research Society for the study of Diabetes in India, No. 4871
4. Life Member in Indian Science Congress Association, No. L41155

**Resource persons in various capacities**

Sl.No.	Title of the Guest Lecture	Place	Date
1	Methods of Prevention of Diseases	Government College of Education, Orathanadu	21.12.2009
2	Womens Day	A.V.V.M Sri Pushpam College, Poondi	08.03.2011
3	Social Work	Government College of Education, Orathanadu	03.01.2012
4	Prevention of Diseases	Enathi Rajappaa Arts and Science College, Enathi	30.10.2012
5	Prevention of Diseases	Meenakshi Chandrasekaran College of Arts and Sciences, Pattukottai	20.02.2013
6	Recombinant DNA Technology	Shrimati Indira Gandhi College, Tiruchirappalli	25.09.2013
7	Seafood and Implications	Tamil University, Thanjavur	14.03.2014
8	Recombinant DNA Technology & Scope of Life Sciences	Maruthupandiar College, Thanjavur	24.09.2014

9	Teachers and Social services.	Government College of Education, Orathanadu	08.01.2015
10	Ageing Process	Department of Biochemistry, Sengamala Thayaar Educational Trust Women's College, Mannargudi	24.02.2015
11	Exploring ageing Process	Annai College of Arts and Science, Kovilachery, Kumbakonam	8 <sup>th</sup> July 2015
12	Prevention of Diseases - An over view	Department of Biochemistry, J.J. College of Arts and Science (Autonomous), Pudukkottai	20.07.2016
13	Nature's cure for Humanity	Prince Shri Venkateshwara Arts and Science College, Chennai	07.02.2020
14.	Natures Cure for Humanity	Delivered a lecture in a Lecture series Herbs - A boon to curb the Silent Killer at PG Department of Biochemistry, Holy Cross College on through Google Meet.	30.09.2021