

DR. SELVAM KUPPUSAMY**Associate Professor**

Department of Botany

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**PERSONAL INFORMATION**

NAME : **DR. K.SELVAM**

D.O.B : 30.07.1968

SEX : Male

Address for Communication : **DR. K. SELVAM**
Associate Professor
 Department of Botany
 Periyar University
 Salem - 11
 Tamilnadu, India.

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 E-mail:selsarat@yahoo.com

Experience : Teaching: 10 Years
 Research: 19 Years

POST DOCTORAL FELLOW POSITION**2003 - 2004**

- **Post Doctoral Fellow Position** - Institut National Dela Recherche Scientifique – Institute Armond Frappier University, Pointe Claire, Quebec, **Canada**.

2001- 2002

- Endowed **Professor Position** - Chonbuk National University, Chonju, **South Korea**.

2000 - 2001

- **Senior Research Fellow** - Indian Institute of Technology Madras - **Chennai**, Tamilnadu, India.

RESEARCH EXPERIENCE

1992 - 1993

- **M.Phil** - Microbial degradation of forest and agro wastes in a social forestry ecosystem, Bharathiar University, Coimbatore, Tamilnadu, India.

1996 - 1997

- **Junior Research Fellow** - Indian Institute of Technology Madras - Chennai, Tamilnadu, India.

1997 - 2000

- **Ph.D** - “Biotechnological Applications of some White rot Fungi - *Fomes lividus*, *Thelephora sp.* and *Trametes versicolor*”, Bharathiar University, Coimbatore, Tamilnadu, India.

2004 - TILL DATE

- Research Guide for M.Phil and Ph. D Scholars

AREA OF SPECIALIZATION

- ✓ Mycology - Fungal biodiversity
- ✓ Fungal Enzyme technology - Medicinal & Industrial uses
- ✓ Environmental Biotechnology
- ✓ Microbial Biotechnology

CAREER PROFILE

2013-Till date

- **Associate Professor**, Department of Botany, **Periyar University**, Selam - 11, Tamilnadu, India.

2005 - 2013

- **Associate Professor and Head**, Department of Biotechnology, **Dr. N. G. P. Arts and Science College**, Kalapatti Road , Coimbatore - 48, Tamilnadu, India.

2004 - 2005

- **Lecturer**, Department of Biotechnology, **P. S. G College of Arts and Science**, Civil Aerodrome post, Coimbatore - 14, Tamilnadu, India.

2001- 2002

- Endowed **Professor Position** - **Chonbuk National University**, Chonju, South Korea.

ACADEMIC AND ADMINISTRATION PROFILE

- Appointed as **Chairman** of Board of Studies in School of **Biological and Biotechnological Sciences** in the Curriculum Development Cell, Bharathiar University, Coimbatore - 46, Tamilnadu, India.
- Member of the **Inspection Commission** to inspect the infrastructural facilities, for the grant of recognition/ Permanent Increase in intake of M.Phil and Ph.D Research Programme(s) under **Bharathiar University** affiliated colleges.
- Member in Board of Studies in the Board of Biotechnology at **Bharathiar University**, Coimbatore - 46, Tamilnadu, India.
- Appointed as **Examiner** for Bharathiar University examinations.
- Member in Board of Studies in the Board of Biotechnology at **C.M.S. College, Coimbatore**, Tamilnadu, India.
- Member in Board of Studies in the Board of Biotechnology at **R.V.S. College (Autonomous)**, Coimbatore, Tamilnadu, India.
- Chairman for question paper setter in **R.V.S. College (Autonomous)**, in the Department of Biotechnology, Coimbatore, Tamilnadu, India.
- Staff Selection Committee member in **Dr. N. G. P. Arts and Science College**, Coimbatore - 48, Tamilnadu, India.
- Institutional Animal Ethical Committee Member (IAEC) **KMCH College of Pharmacy**, Coimbatore - 48, Tamilnadu, India.
- Valuator of U.G, P.G and M.Phil answer scripts for various Colleges affiliated to Bharathiar University.

- Appointed as examiner for valuation of answer scripts for U.G and P.G Biotechnology at **Kongunadu Arts and Science College**, Coimbatore-29, Tamilnadu, India.
- Appointed as examiner for valuation of answer scripts for U.G, P.G and M.Phil **Biotechnology at Bharathiar University**, Coimbatore, Tamilnadu, India.
- Appointed as examiner for valuation of answer scripts for M.Phil **Biotechnology at Periyar University**, Salem, Tamilnadu, India.
- Active reviewer in “**African Journal of Microbiology Research**”, ISSN 1996-0808.

RESEARCH SCHEMES

Sponsoring Agency	:	University Grants Commission (UGC) Major Research Project (F.N. 31-35, MRP, 2009) SR, New Delhi, India.
Project Title	:	Identification and Exploitation of Wood rot fungi from Western Ghats area for Biotechnological processes.
Cost of the Project	:	Rs. 6, 92, 800.00
Status	:	Completed

NATIONAL AND INTERNATIONAL PUBLICATIONS

RESEARCH PUBLICATIONS

1. **K. Selvam**, K. Swaminathan, MyungHoon Song, and Keon-Sang Chae (2002). Biological treatment of a pulp and paper industry effluent by *Fomes lividus* and *Trametes versicolor*. **World Journal of Microbiology and Biotechnology**, 18 (6): 523-526.
2. MyungHoon Song, **Selvam Kuppusamy**, Chang-Jun Choi, Kwang-YeopJahng, Dong Min Han and Keon-Sang Chae (2002). Promotion of asexual development and inhibition of sexual development of *Aspergillus nidulans* by short chain primary amines. **The Journal of Microbiology**, 40 (3): 230-233.

3. **K. Selvam**, K. Swaminathan and Keon-Sang Chae, (2003). Decolourization of azo dyes and a dye industry effluent by a white rot fungus *Thelephora sp.* **Bioresource Technology**, 88:115-119.
4. MyungHoon Song, **Selvam Kuppusamy**, Hyo-Young Jeong, and Keon- Sang Chae, (2003). Inhibition of asexual sporulation and growth by propylamine in *Aspergillus niger* and *Aspergillus oryzae*. **Journal of Microbiology and Biotechnology**, 13 (1): 146-148.
5. **K. Selvam**, K. Swaminathan, and Keon-Sang Chae, (2003). Microbial decolourization of azo dyes and dye industry effluent by *Fomes lividus*. **World Journal of Microbiology and Biotechnology**, 19, 591- 593.
6. **K. Selvam**, K. Swaminathan, K. Rasappan, R. Rajendran and S. Pattabi (2005). Deinking of waste papers by white rot fungi *Fomes lividus*, *Thelephora sp.* and *Trametes versicolor*. **Nature Environment and Pollution Technology**. 4 (3): 399-404.
7. S. Madhava Krishnan, K. Manickavasakam, Y. Sameena, **K. Selvam**, K. Rasappan and S. Pattabhi (2005). Removal of Rhodamine dye from aqueous solution using Gulmohar tree fruit activated carbon. **Journal of Ecology, Environment and Conservation**, 13 (2): 215-220.
8. **K. Selvam**, K. Swaminathan, K. Rasappan, R. Rajendran and S. Pattabi (2005). Decolourization and Dechlorination of Pulp and Paper Industry Effluent by *Thelephora Sp.* **Journal of Ecology, Environment and Conservation**. 13(2): 221-224.
9. A. Mahalakshmi priya, M. Manikandan, G. Kalaiselvi, P. Arun, P. Chinnaswamy and **K. Selvam** (2006) Screening of antibacterial activity of *Mentha peperita* L. **Asian Jr. of Biotech. Env. Sc.**, 9 (4): 1049-1052.
10. P. S. SyedShabudeen, R.Venkatesh, **K. Selvam**, K. Kadirvelu and S. Pattabhi (2006). Study of the removal of basic dye from aqueous solution by using solid agricultural waste. **Indian Journal of Environmental Production**, (9): 822-837.
11. P. S. SyedShabudeen, R. Venkatesh, **K. Selvam**, S. Madhavakrishnan and S. Pattabhi (2006). Adsorption of congo red dye from aqueous solution using kapok hull carbon. **Research Journal of Chemistry and Environment**, 10 (3):18-26.
12. **K. Selvam**, K. P. Saritha, M. Manikandan K. Swaminathan, K. Rasappan, and P. Chinnaswamy (2006). Pretreatment of wood chips and pulps with *Fomes lividus* and *Trametes versicolor* to reduce chemical consumption in paper industries. **Asian Jr. of Biotech. Env. Sc.**, 8 (4): 1- 6.
13. **K. Selvam**, K.P. Saritha, M. Manikandan, A. Mahalakshmi priya, K. Rasappan, and P. Chinnaswamy (2006). Decolourization of synthetic azo dyes and dye industry effluent by a white rot fungus *Phanerochaete chrysosporium* RP 78. **Nature Environment and Pollution Technology**, 5(2): 239-242.

14. **K. Selvam**, K. Swaminathan, K. Rasappan, R. Rajendranan and S. Pattabi (2006). Pretreatments of lignocellulosic wastes with white rot fungi *Fomes lividus*, *Thelephora sp.* and *Trametes versicolor* for Vermicomposting. **Asian Jr. of Biotech. Env. Sc.**, 8 (2): 275-285.
15. **K. Selvam**, K. Swaminathan, M. Manikandan and P. Chinnaswamy (2007). Optimization of industrially important enzymes laccase and peroxidase production in the fungus *Thelephora sp.* **Nature Environment and Pollution Technology**, 6 (3): 447- 452.
16. S. Pattabhi, K. Ramasami, **K. Selvam**, and K. Swaminathan (1999). An activated sludge based bench scale bioreactor for sewage treatment. **Indian J. Environmental Protection**, 20 (2): 124-128.
17. S. Pattabi, K. Ramasami, **K. Selvam**, and K. Swaminathan (1999). Influence of polyelectrolytes on sewage treatment using inorganic coagulants. **Indian J. Environmental Protection**, 20 (7): 499-507.
18. **K. Selvam**, M. Palaniswamy, R. Gurusamy and K. Swaminathan (1995). Biodegradation of agricultural wastes in a social forestry ecosystem. **In: Microbes for better living**. (Ed.) K. S. Manja, DFRL, Mysore. 313-321 India.
19. P. Umadevi, S. Selvi, S. Suja, **K. Selvam** and P. Chinnaswamy (2006). Antidiabetic and Hypolipidemic effect of *Cassia auriculata* in Alloxan Induced Diabetic Rats. **International Journal of Pharmacology**, 2(6): 601-607.
20. S. Madhava Krishnan, K. Manickavasakam, Y. Sameena, **K. Selvam**, and S. Pattabhi (2008). Adsorption of Iron (II) from aqueous solution using *Ricinus communis* pericarp carbon as an adsorbent. **Nature Environment and Pollution Technology**, 7(3): 391-396.
21. B. Vishnupriya, C. Sundaramoorthy, M. Kalavani, **K. Selvam** (2010). Production of lipases from *Streptomyces griseus* and evaluation of Bioparameters. **International journal of Chemtech Research**, 2(3): 1380-1383.
22. B. Vishnupriya, C. Sundaramoorthy, M. Kalaivani, **K. Selvam** (2010). Effect of Bioparameters in the production of lipases from *Streptomyces aurifaciens*. **Advanced Biotech**, 9 (12): 1-6.
23. Chinnaswamy. P, Nima. K. V. and **K. Selvam**, (2009). Diuretic effect of the ethanolic and aqueous extract of seedling of *Borassus flabellifer*. **Asian Jr. of Microbial. Biotech, Env Sc.**, 11, 313-317.

24. V. Shanmugaraju, N. Abirami, A. MahalakshmiPriya and **K. Selvam** (2009). Antibacterial protein (85KDa) produced by *Lysinibacillus sphaericus* against methicillin resistant *Staphylococcus aureus*. **Biosciences, Biotechnology Research Asia**, 6(1).
25. **K. Selvam**, M. ShanmugaPriya, K. Arungandhi, (2011). Pretreatment of wood chips and pulps with *Thelephora* sp. to reduce chemical consumption in paper industries. **International journal of Chemtech Research**, 3 (1): 471-476.
26. Senthil Kumar. M and **K. Selvam** (2011). Prospective efficacy of bioactive extract of novel actinomycetes against malignant cell and multidrug resistant bacteria. **Pharmacology online**, (1): 1262-1289.
27. **K. Selvam**, B. Vishnupriya and V. Subhash chandra Bose (2011). Screening and quantification of marine actinomycetes producing industrial enzymes amylase, cellulose and lipase from south coast of India. **International journal of Pharmaceuticals and biological archives**, 2(5):1481-1487.
28. Senthil Kumar. M and **Selvam K.** (2011). Isolation and Purification of High Efficiency L-asparaginase by Quantitative Preparative Continuous Elution SDS PAGE Electrophoresis. **Microbial and Biochemical Technology**, 3 (5): 73-83.
29. **K. Selvam**, M. ShanmugaPriya, and C. Sivaraj (2011). Bioremediation of pulp and paper mill effluent by newly isolated wood rot fungi from Western Ghats area of South India. **International journal of Pharmaceutical and Biological archives**, 2(6): 1765-1771.
30. **K. Selvam**, M. ShanmugaPriya, C. Sivaraj and K. Arungandhi, (2012). Identification and Screening of wood rot fungi from Western Ghats area of South India. **International journal of Chemtech Research**, 4(1): 379-388,
31. Senthilkumar. M, **Selvam. K** and R. Singaravel, (2012). Statistical assessment of medium components by Factorial design and surface methodology of L-asparaginase production by isolated *Streptomyces radiopugnans* MS1 in submerged fermentation using tapioca effluent. **Asian journal of Applied Sciences**, 5(5): 252-265.
32. **K. Selvam** and M. ShanmugaPriya (2012). Biological treatment of Pulp and paper industry effluent by white rot fungi *Schizophyllum commune* and *Lenziteseximia*. **International journal of Pharmaceutical and Biological archives**, 3, 156-161.
33. **K. Selvam** and B. Vishnu Priya (2012). Biochemical and molecular characterization of microbial keratinase and its remarkable applications. **International journal of Pharmaceutical and Biological archives**, 3, 348-356.
34. **K. Selvam** and M. ShanmugaPriya (2012). Biological treatment of Azo dyes and textile dye effluent by newly isolated white rot fungi *Schizophyllum commune* and

Lenzites eximia. **International journal of Environmental sciences**, 2(4): 1926-1936.

35. T. Stalin, B. SathyaPriya and **K. Selvam** (2012). Eco friendly application of cellulase and xylanase producing marine *Streptomyces clavuligerus* enhancer in biogas production from waste. **African Journal of Environmental Science and Technology**, 6 (6): 258-262.
36. B. SathyaPriya, T. Stalin and **K. Selvam** (2012). Eco friendly management of mixed coconut oil cake waste for lipase production by marine *Streptomyces indiaensis* and utilization as detergent additive. **International Journal of water resource and Environment Engineering**, 4(8): 275-280.
37. **K. Selvam**, M. Shanmuga priya and M. Yamuna (2012). Decolourization of Azo dyes and dye industry effluents by lignin degrading fungus *Trametes versicolor*. **International journal of Pharmaceutical and Biological archives**, 3(3): 666-672.
38. Senthilkumar. M, **Selvam. K** and Singaravel. R (2012). Homologies modeling of a unique extracellular glutaminase free L-asparaginase from novel marine actinomycetes. **International Journal of Research in Biotechnology and Biochemistry**, 2(1): 1-12.
39. Sathyapriya. B, Stalin. T and **Selvam. K** (2012). Efficient utilization of xylanase and lipase producing thermophilic marine actinomycetes (*Streptomyces albus* and *Streptomyces hygrosopicus*) in the production of eco friendly alternative energy from waste. **African journal of Biotechnology**, 11(78): 14320-14325.
40. **K. Selvam**, K. Arungandhi, G. Rajenderan and M. Yamuna (2013). Biodegradation of azo dyes and textile dye industry effluent by newly isolated white rot fungi. **Open Access Scientific Reports**, 1(12).
41. **K. Selvam**, B. Vishnu priya and Yamuna. M (2013). Isolation and description of keratinase producing marine actinomycetes from South Indian Coastal region. **African Journal of Biotechnology**, 12 (1): 19-26.
42. **K. Selvam**, K. Arungandhi, B. Vishnupriya, T. Shanmuga priya and M. Yamuna, (2013). Biosorption of chromium (VI) from industrial effluent by wild and mutant type strain of *Saccharomyces cerevisiae* and its immobilized form. **Bioscience Discovery**, 4(1): 72-77.
43. **K. Selvam**, B. Vishnupriya, M. Yamuna, J. Tamil poonkuzhali and R. Ranjith kumar, (2013). Potential bioactive compound from novel marine actinobacteria associated with antagonistic activity against human pathogens. **Journal of Pharmacy Research**, 1(1): 19-23.
44. **K. Selvam** and A. Arungandhi (2013). Biobleaching and delignification of hard wood kraft pulp (HWKP) by *Trametes* sp., *Ganoderma* sp. and *Poria* sp.

International journal of plant, animal and environmental sciences, 3(3): 96-100.

45. V. Subhash Chandra Bose, B. Vishnupriya and K. Selvam (2013). Characterization of marine *Streptomyces sp. T1027* producing -catotene under light induction. **American journal of pharmtech research, 3(3): 1-14.**
46. **K.Selvam and B. Vishnupriya (2013). Bioremediation of xenobiotic compound and heavy metals by the novel marine actinobacteria. *International Journal of pharmaceutical and chemical sciences 2(3): 1589-1597.***
47. **K. Selvam and B. Vishnu Priya (2013). Isolation and Screening of L - asparaginase producing marine actinomycetes from South Indian Coastal Region. *American journal of pharmtech research 3 (4): 1 – 11.***
48. K. Selvam and B. Vishnupriya (2013). Industrial applications of newly isolated marine actinomycetes *Streptomyces spp.*, ***Journal of Bioscience Research 4(2): 58 - 65.***
49. **K. Selvam and B. Vishnu Priya (2013). Partial purification of lipase from *Streptomyces variabilis* NGP and its application in bioremediation of waste water. *International journal of pharmaceutical sciences and research 4(3) : 859 - 869.***
50. **K. Selvam and B. Vishnupriya (2013). Partial purification and cytotoxic activity of L-asparaginase from *Streptomyces acrimycini* NGP. *International journal of research in pharmaceutical and biomedical sciences. 4 (3): 859-869.***

SEQUENCE PUBLICATIONS

51. Senthilkumar. M and **Selvam. K** (2010). Anticancer activity. *Streptomyces radiopugnans* strain MS 1 16S ribosomal RNA gene, partial sequence. **NCBI accession number - HQ623051.**
52. Senthilkumar. M and **Selvam. K** (2010). Anticancer activity. *Streptomyces labeda* strain MS 2 16S ribosomal RNA gene, partial sequence. **NCBI accession number - HQ623052.**
53. Stalin. T, Sathyapriya. B and **Selvam. K** (2012). Novel cellulose and xylanase producing alkaliphilic *Streptomyces sp.* isolated from marine sediment sample. *Streptomyces albus strain ACT6* 16S ribosomal RNA gene, partial sequence. **NCBI accession number - JQ801296.**
54. Stalin. T, Sathyapriya. B and **Selvam. K** (2012). Studies on cellulolytic and xylanolytic thermophilic *Streptomyces sp.* isolated from marine sediment sample. *Streptomyces clavuligerus strain ACT9* 16S ribosomal RNA gene, partial sequence. **NCBI accession number - JQ801297.**

55. Sathyapriya. B, Stalin.T and **Selvam. K** (2012). Eco-friendly production of protease and lipase using alkaliphilic *Streptomyces sp.* isolated from marine sediment sample. *Streptomyces indiaensis strain ACT7* 16S ribosomal RNA gene, partial sequence. **NCBI accession number - JQ801298.**
56. Sathyapriya. B, Stalin. T and **Selvam. K** (2012). Novel proteolytic and lipolytic thermophilic *Streptomyces sp.* isolated from marine sediment sample. *Streptomyces hygrosopicus strain ACT14* 16S ribosomal RNA gene, partial sequence. **NCBI accession number - JQ801299.**
57. **Selvam. K**, Vishnupriya. B and Tamilpoongulali. J (2012). Medical and Industrial applications of marine actinomycetes. *Streptomyces variabilis strain NGP3* 16S ribosomal RNA gene, partial sequence. **NCBI accession number - JX843530.**
58. **Selvam. K**, Vishnupriya. B and Tamilpoongulali. J (2012). Medical and Industrial applications of marine actinomycetes. *Streptomyces albogriseolus strain NGP2* 16S ribosomal RNA gene, partial sequence. **NCBI accession number - JX843531.**
59. **Selvam. K**, Vishnupriya. B and Tamilpoongulali. J (2012). Medical and Industrial applications of marine actinomycetes. *Streptomyces acrimycini strain NGP1* 16S ribosomal RNA gene, partial sequence. **NCBI accession number - JX843532.**

CONFERENCES ORGANIZED

- National Conference on “**Advanced Trends in Biotechnology**”- Marina-07 held on 2nd and 3rd February 2007.
- National Conference on “**Advanced Trends in Biotechnology**”- Marina-08 held on 19th and 20th December 2008.
- National Conference on “**Advanced Trends in Biotechnology**”- Marina-09 held on 20th and 21st December 2009.
- National Conference on “**Recent Trends in Biotechnology**”- Marina-10 held on September 30th and October 1st 2010.
- National Conference on “**Perspectives of Biotechnology in Healthcare Development**”- Marina -11 held on 29th and 30th December 2011.
- Honored Endowment Lecture on “**Global Warming**” held on 17th March 2010 at Dr. N.G.P. Arts and Science College, Coimbatore - 48.

- Endowment Lecture on **“Second Generation Biofuel: BioButanol with a Future”** held on 13th February 2012 at Dr. N.G.P. Arts and Science College, Coimbatore - 48.
- Prestigious Endowment Lecture on **“Stem cell approach to understand the mechanism of neurodegenerative diseases”** held on 9th February 2013 at Dr. N.G.P. Arts and Science College, Coimbatore - 48.
- ELISA Chalo was conducted for the awareness of HIV for our society.

WORKSHOPS ORGANIZED

-
- Two Days Workshop on **“Molecular Immunotechniques”** held on 19th and 20th July 2006 at Dr.N.G.P. Arts and Science College, Coimbatore - 48.
 - Three days Workshop on **“Bioinformatics”** held on 27.12.2010 to 29.12.2010 at Dr.N.G.P. Arts and Science College, Coimbatore - 48.
 - Two days Workshop on **“Down Stream Processing & its Applications”** held on 15th and 16th February 2013 at Dr.N.G.P. Arts and Science College, Coimbatore - 48.

SEMINARS AND CONFERENCES ATTENDED

-
- Participated and presented a paper entitled **“Enhancement of Biomethanation, Vermicomposting and strict Anaerobic composting of lignocellulosic Wastes by newly isolated Obligate anaerobic Bacteria *Clostridium*-TM”** at the 37th Annual Conference of the association of microbiologists of India, held at Madras from 4-6 December 1996.
 - Participated and presented a paper Entitled **“Conversion of Waste into Wealth”** in the seminar organized by Dept of Tamil, Bharathiar University held on 22.10.97.
 - Participated and presented a paper entitled **“Biopulping of Hardwood Kraft Pulp by *Polyporous Leucospongia Laccase*”** at the association of Microbiologists of India, Mangalore, during December 5-6, 1998.
 - Participated and presented a paper on National symposium on **“Environmental Pollution and Ecoplanning”** at S.K. University, DUMKA, held on 20-21 March, 1998.

- Participated in National Symposium on **“Biological Control of Insects in Agriculture, Forestry, Medicine and Veterinary Science”** held in Department of Zoology, Bharathiar University, held on January 21-22, 1999.
- Participated and Presented a paper in the conference on **“Current Environmental status of Coimbatore District”** sponsored by the Department of environment, Government of Tamil Nadu, Chennai, held on 24th and 25th March 1999.
- Participated in workshop on **“Environmental status of Rivers in Tamilnadu”** held at Bharathiar University, Coimbatore, during March 26-27, 1999.
- Participated in National Conference on **“Eco-Friendly Technologies for sustainable Development”** held at P.S.G. College of arts and Science from March 27th to 29th 2000.
- Participated in workshop on **“Environmental Awareness on Quality Management of Irrigation”** Water held at Bharathiar University, Coimbatore, during February 17-18, 2000.
- Participated in UGC-Workshop on **“Basic Science Courses (CBCS) for Principals and Faculty Members”** held on 12.07.2008, in Bharathiar University, Coimbatore.
- Participated in One day Workshop in **“Motivation, counseling and Commitment in Teaching Profession”** held at Dr. N.G.P. College of Education on 10th June 2006.
- Participated in MOTIF 05 on one day National Level Symposium on Bioinformatics held on 6th October 2005 at Bharathiar University, Coimbatore.
- Participated in Two Days training on **“Environmental Management in the river Basins”** held at Conference Hall, P.W.D, Coimbatore, on 10th and 11th Feb 2005.
- Participated and presented a paper in the National Symposium on **“Frontiers in Biotechnology”** organized by the Dept. of Biotechnology, Bharathiar University, Coimbatore, during 8-9th February, 2007.
- Participated in International seminar on **“Inculcating Innovation”** BIOZENITH held at Dr.N.G.P. Arts and Science College, Coimbatore, on 6th March 2009.
- Participated as invited speaker in II Louis Pasteur Memorial National Symposium on **“Antimicrobial resistance and drug discovery”** held at Dr.N.G.P. Arts and Science College, Coimbatore, on September 9 and 10th 2009.

- Participated in National Level Conference on **“Biotechnology-Implications and Realities”** held at Sri Krishna Arts and Science College, Coimbatore, on 30th January, 2009.
- Participated in National Cancer Congress: **“Genetics Diagnosis and therapy”** held at Dr.N.G.P. Arts and Science College, Coimbatore, on 20th and 21st August 2009.
- Participated in UGC-Seminar on **“Quality Assurance and Assessment in Higher Education”** held on 19.03.2010, at Bharathiar University, Coimbatore.
- Participated as judge in III Louis Pasteur Memorial National Symposium on **“Antimicrobial resistance and drug discovery”** held at Dr.N.G.P. Arts and Science College, Coimbatore on August 4th and 5th 2010.
- Participated as judge in IV Louis Pasteur Memorial National Symposium on **“Biopharmaceuticals-Their Application in Disease Prevention and Health Promotion”** held at Dr.N.G.P. Arts and Science College, Coimbatore on August 4th and 5th 2011.
- Participated in International Conference on **“Environment Gene Health and Disease”** on 9th-11th December 2011 at Bharathiar University, Coimbatore-46.
- Participated in National level symposium on **“Emerging trends in Biotechnology for the Sustainability of Human Society”** held at K.S.G. College of Arts and Science, Coimbatore, on 22nd and 23rd, September 2011.
- Participated and presented a paper entitled **“Bioremediation of textile industry effluent by white rot fungi”** on 5th and 6th January 2012 at Periyar University, Salem.
- Participated in National level Conference on **“Emerging Trends in Herbal Research and Cancer Therapy”** held at KMCH College of Pharmacy, Coimbatore, on 26th June 2012.
- Participated as judge in V Louis Pasteur Memorial National Symposium on **“Biopharmaceuticals-Their Application in Disease Prevention and Health Promotion”** held at Dr.N.G.P. Arts and Science College, Coimbatore on August 7th and 8th 2012.
- Participated in National level Conference on **“Bio-Medical Waste Managemant”** held at Dr.N.G.P. Arts and Science College, Coimbatore, on 28th September 2012.

- Attended in the conference on **“Higher education in changes and challenges”** conducted by Principals Association of Colleges of Bharathiar University held at Dr.N.G.P. Arts and Science College, Coimbatore, on 09 February 2013.
- Published abstract in the National conference on **“Green technologies for conservation of Biodiversity”** held at Sri Ranganathar Institute of Engineering and Technology, Coimbatore, on 16th February 2013.

PARTICIPATION OF FACULTY DEVELOPMENT PROGRAMMES

- Participated in FDP programme on **“Nanomedicine - status and its applications”** organized by School of Bio technology, S.N.M.V. College of Arts and Science, Coimbatore-21 during 1-5 December, 2008.
- Participated in FDP programme on 9.1.09 organized by Faculty Development Cell of Dr. N.G.P. Arts and Science College, Coimbatore.
- Participated in FDP programme on 5.12.08 organized by Faculty Development Cell of Dr. N.G.P. Arts and Science College, Coimbatore.
- Participated in FDP programme on **“Molecular Biology and Recombinant DNA technology”** organized by Center for Bioscience and Nanoscience Research, Coimbatore, during 27th and 28th March, 2012.
- Participated in the **Orientation Course and Workshop** on “Designing and Development of Curriculum” organized by Curriculum Development Cell, Bharathiar University, Coimbatore, from 25.02.2013 to 02.03.2013

GUIDANCE FOR RESEARCH

Research Programme/PG project	No. of candidates completed	No. of candidates pursuing
Ph.D	03	07
M.Phil	15	3

CONTRIBUTION TOWARDS SOCIAL WELFARE

- Delivered a short Lecture on “Application of Biotechnology” in **ALL INDIA RADIO**, Coimbatore on 4.8.2009.
- Delivered a short Lecture on “Wood Rot Fungi” in **ALL INDIA RADIO**, Coimbatore on 2.2.2010.
- Delivered a short Lecture on “Prospects of Biotechnology” in **Universal TV**, Coimbatore, on April 2010.
- Invited as guest of honor and delivered a speech on **Teacher Day Celebration** at **Sri Vidya Mandir Arts and Science College, Katteri**, Uthangari-636902, Krishanagiri (DT), on 5.09.2011.