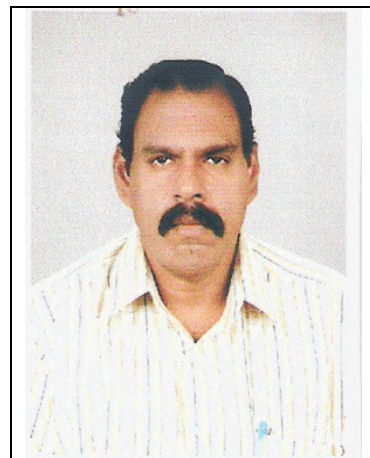


Curriculum Vitae of Dr. M.R.RAJAN



- 1. Present Position** : Associate Professor in Biology
- 2. Educational Qualifications** : M.Sc., MPhil. M.Ed., Ph.D.
- 3. Age and Date of Birth** : 48 12.06.1961
- 4. Teaching Experience** : PG – 16 Yrs
UG - 14 Yrs
Research Experience : 22 Yrs
Extension : 12 Yrs
- 5. Specialization** : Zoology
- 6. Contact Telephone Numbers:** Office 0451 2452371 -2452376
Extn: 2023
Resi. 0451 2453127
Cell: 94438 04627
E-mail : mrrrajan1961@yahoo.co.in
- 7. Involvement in Institute Development** : Member, Senate, GRI.
Deputy Chief Superintendent
of End Semester Examination

8. Research Guidance	: Ph. D Produced – 2 Pipeline – 5 M.Phil Guided – 15 M.Sc Dissertation Guided - 42
Research Area	: Aquaculture & Environment
9. Research Projects Undertaken	: Major – 1 Minor - 6
10. List of Publications	: Total 93

Papers Published International Journals -22

1. S.R.Murali and **M.R.Rajan**, (2009). A Comparative Study on Sulphate Reduction from Tannery Effluent by Biosorbent with Microbes and Isolation and Molecular Characterization of Microbes Involved in Reduction. *Journal of Pure & Applied Microbiology* 3(2): 625-630.
2. Selvakumar, S and **M.R.Rajan** (2009) Antimicrobial activity of certain Toxic plants. *Journal of Ecology, Environment and Conservation*.15 (2): 245-248.
3. Chandra, R and **M.R. Rajan** (2009) Probiotic effect of Intestinal Bacteria of Koi carp *Cyprinus carpio var. koi*. *Journal of Pure & Applied Microbiology*, 3(1): 363 -366.
4. Periyasamy, M and **M.R.Rajan** (2009) Physico – chemical characteristics and Water quality Index of electroplating industry effluent. *Journal of Industrial pollution control*, 25(1) pp. 29-32.
5. **Rajan, M.R** and P. Akilandeswari (2008) Antibacterial Activity of Intestinal Bacteria of Gold fish. *Journal of Pure & Applied Microbiology*, Vol. 2(2):587-589.
6. Vijayalakshmi, S., **M.R.Rajan** and M. Periyasamy (2008) Absorption of chloride from Electroplating industry effluent using bacteria. *Journal of Pure & Applied Microbiology*, Vol.2 (2): 531 -534.
7. **Rajan, M.R** and K.S. Manoj (2007) Survey of Vegetation in and round Tannery Polluted soil and Isolation of Bio- indicators for Phytoremediation. *Jr. of Industrial Pollution Control* 23 (1): 32 – 36.

8. Sabarinathan, SP., S. Sathyavathi and **M.R.Rajan** (2007) Biological control of a few cotton pests using spiders. *Journal of Ecobiology*, 20 (2); 145 – 148.
9. **M.R.Rajan** and M. Senthamil Chelvi (2007) Vermiculture of *Eudrilus eugeniae* and *Eisenia fetida* in different organic wastes. *Asian journal of Microbiology, Biotechnology and Environmental Sciences*, 9 (4): 841 – 843.
10. **Rajan, M.R** and C. Ganga Devi (2007) Ethanol production using fruit peels. *International Journal of Ecology, Environment and conservation*, 13(2): 273 -275.
11. **Rajan, M.R.** and C.Nithya (2007) Isolation of bioflocculant producing microbes from Tannery polluted soil. *International Journal of Ecology Environment and conservation*, 13(1):175 -178.
12. **Rajan, M.R.** and M. Nagaraj (2007) Antimicrobial activity of selected spices. *Asian Journal of Microbiology, Biotechnology and Environmental science*. Vol. 8 (3): 647 – 650.
13. **Rajan, M.R.,** V. Mariappan and R. Vathsala (2005) Grading of Milk quality in Dindigul Town, India with special reference to coliforms. *Asian Jr. of Microbiology, Biotechnology and Environmental Sciences*. Vol. 7(3): 411-413.
14. Mariappan, V and **M.R.Rajan** (2002) Effect of tannery effluent on seed germination and seeding growth of *Parkinsonia aculeata* and *Caesalpinia coriaria*. *International Journal of Ecobiology*. 14(4): 241-246.
15. Mariappan, V, **Rajan, M.R.** and T. Balemurugan (2001) Irrigational utilization of treated tannery effluent and its impact on growth and some biochemical characteristics of certain crop plants. *International Journal of Ecology, Environment and Conservation*. 7(2):205-210.
16. **Rajan, M.R** and K. Rukmani (2000) Recycling of Tannery effluent for growing selected Tree species. *International journal of Ecology, Environment and Conservation* 6(3):319-322.
17. **Rajan, M.R.** and Raj S.P. (1997) Instantaneous growth rate of sewage grown fishes. *J. of Environmental Biology*. 18(2):127-130.
18. **Rajan, M.R.** Thilagavathy Daniel and C. Jeyapusparani (1996) Survival and feeding energetics of *Cyprinus carpio* var. *communis* in relation to sub lethal concentration of Tannery affected well water. *International journal of Ecology and Environmental Sciences* 22(3):297-302.

19. **Rajan, M.R.** S. Balasubramanian and S.P. Raj (1995) Accumulation of Heavy metals in sewage grown fishes. *Bioresource Technology* 52(1):41-43.
20. **Rajan, M.R.** S. Balasubramanian and Raj, S.P. (1992) Bio-filters in sewage recycling. Third Asian Fisheries forum in Oct.26-30 Singapore. P.40
21. Balasubramanian, S. **Rajan, M.R.** and Raj, S. P. (1992) Microbiology of sewage grown fishes. *Bioresource Technology* 40(1):63-66.
22. **Rajan, M.R.** and M.P. Balasubramanian (1989) Electrophoretic separation of Intestinal esterases in fishes. *International journal of Ecobiology* 1(3):181-184.

Papers published in National Journals: 46

1. N.Jeyaraj and **M.R.Rajan** (2009) Role of L- Arginine and L- Valine in Common carp Nutrition. *Environment and Ecology*, 27(2A): 888-891.
2. **Rajan, M. R** and R. Mahalakshmi (2007) Effect of Vermicompost prepared from Hotel waste on growth and production of Radish and Cowpea. *Environment and Ecology*, 25S (4): 1194 -1197.
3. S.R. Murali., **M.R.Rajan** and E.S. Arulraj Emanuel (2007) Desalination of pre- treated Tannery Effluent using Bio-adsorption. *National Journal of Jyoti Research Academy*. Vol. 1(2): 89 -97.
4. **Rajan. M.R** (2006) Effect of Live and Compounded Feeds on Feed Utilization, Growth and Intestinal Bacterial Flora of Gold Fish *Carassius auratus*. *Environment and Ecology*, 24 S (4): 1150 – 1152.
5. **Rajan, M.R**, V. Mariappan and I. Panneer Selvam (2005) Evaluation of Drinking water quality in Dindigul city, Tamil Nadu. *Journal of Environment and Ecoplanning*.10 (3): 771 – 776.
6. **Rajan, M.R.** and M. Shyamala (2005) Role of crystalline L-methionine and L-lysine on feed utilization and Growth of Mrigal *Cirrhinus mrigala*. *Journal of Environment and Ecology*.24S (1):20-22.
7. **Rajan, M.R.** and A. Senthil Kumar (2005) Effect of compounded and live feeds on early growth and breeding of nest building ornamental fish Chinese paradise *Macropodus opercularis*. *Journal of Environment and Ecology*.24S (1): 63 -66.
8. Mariappan, V., **M.R. Rajan**, A. David Ravindran and P.Prabakaran (2005) A systematic study of water quality Index among the Physico-chemical characteristics of Ground water in and around Thanjavur Town. *Indian J. of Environmental protection*, Vol 25(6):551-555.

9. **Rajan, M.R.** and S. Santha Sheela (2005) Role of L-methionine and L-lysine on feed utilization and growth of common carp Journal of Extension and Research Vol.vii (1&2):5-6.
10. **Rajan, M.R.** and S. Arul Kumar (2004) Feed utilization, Growth and Body composition of Common carp in Relation to Different protein feeds. Environment and Ecology, Vol 22(spl.4): 719-724.
11. **Rajan, M.R.** and R. Sujatha (2004) Biomethanogenesis of Various substrates along with Treated Tannery Effluent. Indian J Environ & Ecoplan. 8(3): 653-656.
12. Bhuvaneswari, K. and **M.R. Rajan** (2004) Effect of Different Dietary Protein feed on Feed utilization and Growth of Ornamental Gold fish *Carassius auratus*. Environment and Ecology, 22(2):297-300.
13. Sujatha, R. Mariappan V. and **M.R. Rajan** (2004) Biogas Production from Aquatic Macrophytes. Environment and Ecology, 22(2):304-306
14. Mariappan, V. and **M.R. Rajan** (2004) Environmental Impact of Tannery Hazards in Dindigul city, Tamilnadu. Environment and people. Vol.11 (4):26-29.
15. **Rajan, M.R.** and K. Shobana (2004) Evaluation of different feed sources on biochemical composition, feed utilization, growth and apparent digestibility of common carp *Cyprinus carpio var. communis* Environment and Ecology. 22(1):53-60.
16. **Rajan, M.R.** and N. Karpagam (2004) Effect of different concentration of vitamin C on feed utilization and Breeding of certain live bearing ornamental fishes. Environment and Ecology 22(1):31-37.
17. **Rajan, M.R.** and V. Mariappan (2003) Response of Multipurpose Tree species to different fertilizer treatments on Tannery soil at Nursery level. Environment and Ecology 21(4):752-754.
18. **Rajan, M.R.** and V. Mariappan (2003) Reclamation of Tannery affected soil and growth of *Hardwickia binata* Roxb. With the help of Rhizobium and VAM. Ind. J. of Environment and Ecoplanning 7(2):319-322.
19. Marippan, V., **M.R. Rajan** and V. Ramasubramanian (2003) Influence of organic and inorganic amendments in tannery affected soil on growth and biochemical characteristics of *Harwickia binata*. Roxb. J. of Current science, 3(1):19-24.
20. Marippan, V and **M.R. Rajan** (2003) Impact of industrial effluents on growth and some biochemical characteristics of cowpea. Journal of Extension and Research. Vol.V.(No.1&2):42-46.

21. Mariappan, V., **M.R.Rajan** and V. Ramasubramanian (2002). Recycling of Treated tannery effluent by using aquatic macrophytes. *Environment and Ecology* 20(3):685-688.
22. Mariappan, V., **M.R.Rajan** and V. Ramasubramanian (2002) Surveillance on the quality of three industrial effluents. *Environment and Ecology* 20(1):102-104.
23. **Rajan, M.R.** and K. Vinothini (2001) Different concentrations of vitamin C on feed utilization, Growth and Biochemical Composition of common carp *Cyprinus carpio* var. *communis*. *Environment and Ecology*, 19(4):856-86.
24. Mariappan, V., **M.R. Rajan** and V. Ramasubramanian (2001) Analysis of treated tannery effluent and their impact on the growth and biochemical characteristics of *Eleusine Corocana*. *L. Indian J. of Environment and Ecoplanning*. 5(3):589-592.
25. Mariappan V. **M.R. Rajan**, T. Balamurugan and V. Ramasubramanian (2001) A survey on the quality of three industrial effluents. *Environment and Ecology*, 19(2):491-493.
26. Mariappan, V., T. Balamurugan and **M.R.Rajan** (2001) Characteristics of tannery industry effluent polluted soils in Dindigul city. *Environmental and Ecology*. 19(2):469-471
27. **Rajan, M.R.** (2001) Prospects and potential of Rural aquaculture. *Journal of Extension and Research*. Vol.III No.1 & 2: 60-62.
28. **Rajan, M.R** (2000) Low cost feed for Fresh water prawn *Macrobrachium resenbergi* using Hide flesh. *Environment and Ecology*, 18(3) : 747-751
29. **Rajan, M.R.** and M. Revathi (2000) Feed formulation of Gold fish *Carassius auratus* using silk worm pupae meal. *Bulletin of Assoc. of zoologists* 2(1): 14-17
30. **Rajan, M.R.** and V. Priya (1999). Growth, feed utilization and apparent digestibility of common carp *Cyprinus carpio* var. *communis* using amylase enzyme. *Environment and Ecology*. 17(3):654-659
31. **Rajan, M.R** and Samuel Paul Raj (1998) Sewage sediment recycling through pot culture. *Environment and Ecology*, 16 (1):26-30
32. **Rajan, M.R.** and Samuel Paul Raj (1997) Production and growth performance of Conventional and Non-conventional combination of sewage-grown fishes. *Environment and Ecology*. 15(2):385-389
33. **Rajan, M.R.** (1997) Survival, feed utilization and growth of *Cirrhinus mrigala* in domestic waste waters. *Environment and Ecology*, 15(2) : 291-295

34. **Rajan, M.R.**, G. Vaijeyanthimala and Thilagavathy Daniel (1997). Evaluation of plant and animal protein on feed utilization and growth of Ornamental fish koi carp. Bulletin of Asso. of Zoologists. 3 (1):7-12.
35. **Rajan, M.R.**, P. Neelaveni and Thilagavathy Daniel (1996) Feed utilization and growth of ornamental fish koi carp in relation to different protein levels. Environment and Ecology. 14(1):876-882.
36. **Rajan, M.R.**, A. Thiljath Begam and Thilagavathy Daniel (1996) Feed utilization and growth of *Cyprinus carpio* var. *communis* in relation to different protein levels. Environment and Ecology, 14(1):60-66.
37. **Rajan, M.R.**, and Raj, S.P. (1996) Sewage recycling through composite fish culture-A study on water purification index on the resultant sewage. J of Nature Conservation, 8 (1):151-157.
38. **Rajan, M.R.** and Raj, S.P (1995) Economics of sewage recycling through composite fish culture. Bulletin of Assoc of Zoologists 2(1):1-10.
39. **Rajan, M.R.** and S.P. Raj (1995) Translocation of nutrients phosphorus and nitrogen in sewage-fed fish ponds and their effect on fish life. Environment and Ecology, 13(3):701-707.
40. **Rajan, M.R.**, S. Balasubramanian and Samuel Paul Raj (1995) Stratification of Zinc, Lead, Copper and Chromium in sewage-fed fish ponds. Journal of Nature conservation, 7(1):25-33.
41. **Rajan, M.R.** and Samuel Paul Raj (1994) Sewage recycling through fish culture. Environment and Ecology, 12(2):247-251.
42. Balasubramanian, S. **Rajan, M, R.** and Samuel Paul Raj (1993) Bacterial filtration by Silver carp (*Hypophthalmichthys moiltrix*). J. of Aquaculture in the tropics. 8: 231-237.
43. **Rajan, M.R.** (1990) Acid and Alkaline Phosphatase activity in different tissues of *Labeo rohita* (Hamilton) in relation to sub lethal concentrations of domestic sewage. J. of Nature conservation, 2(2):121-132.
44. **Rajan, M.R.** (1990) Sublethal effects of Textile mill effluent on protein, carbohydrate and lipid content of different tissues of the fish *Cyprinus carpio*. Environment and Ecology. 8(1):54-58.
45. **Rajan, M.R.** and M.P. Balasubramanian (1988) Effect of sub-lethal concentrations of the textile industry effluent on feed utilization and growth of *Cyprinus carpio*. Environment and Ecology, 6(4) : 977-984.

46. **Rajan, M.R.**, S. Palanichamy and M.P. Balasubramanian (1986) Intestinal Esterases of three fresh water fishes. Tamilnadu Journal of Science, 1(2): 200-204.

Papers published in Proceedings: 17

1. Mariappan, V, **M.R.Rajan** and V. Ramasubramanian (2008) Effect of Treated Tannery effluent on Growth and some Biochemical characteristics of Pongam. Proc. of Natl. Conf. on Envir. Poll. Management and Sus. Dev. pp.16 – 23.
2. Gita, S , **M.R.Rajan** and S.R. Murali (2008) Absorption of chloride from Tannery effluent using Microorganisms. Proc. of Natl. Conf. on Envir. Poll. Management and Sus. Dev. pp.68 – 74.
3. Gopinath, T and **M.R.Rajan** (2008) Production of Vermicompost using Hotel waste. Proc. of Natl. Conf. on Envir. Poll. Management and Sus. Dev. pp. 80 – 85.
4. Karl Mark, A, V. Mariappan and **M.R.Rajan** (2008) Analysis of Cellulose production and strain improvement in Microorganisms from selected areas. Proc. of Natl. Conf. on Envir. Poll. Management and Sus. Dev. pp.86 – 89.
5. Mariappan. V, **M.R. Rajan** and A. David Ravindran (2005) Effect of SPIC cytozyme on growth and Biochemical Metabolism of some selected legume tree species. Proc.of the Natl. Sem.on Rural Biotechnology for sustainable Development, pp. 115-117.
6. Srinivasan, M., **Rajan, M.R** and Murali, S.R. (2005) Masculinisation of Ornamental Fish *Betta splendens* using 17 α - Methyl Dihydro Testosterone. Proc. of the Natl.Sem.on Rural Biotechnology for Sustainable Development. pp.131-133.
7. Srinivasan, M, **Rajan, M.R.** and Mariappan V. (2005) Inclusion levels of spirulina incorporated feed for the ornamental Fish *Macropodus opercularis*. Proc of the Natl. sem. on Rural Biotechnology for Sustainable Development. pp.226-231
8. **Rajan, M.R.** (2005) Utilization of Treated Tannery Effluent for growing certain Tree species. Proc. of the 3rd Indian Environmental Congress, 2004. pp.286-289.
9. Akilandeswari P. and **Rajan M.R.**(2004) Antibacterial Activity of Intestinal Microflora of Gold Fish *Carassius auratus*. Proc. of the Students projects Scheme Seminar cum Exhibition, TNSCST, Chennai. pp. 354-357.

10. Mariappan, V. **M.R. Rajan** and G. Latha (2002) Decolourisation of tannery effluent by using low cost adsorbents. Pro. of ENVIRONICS 2002, Natl. Conference on Pollution control and Industrial ecology. Thiagarajar college of Engineering, Madurai. Feb 27-28 pp.99-101.
11. Vinothini, K and **M.R. Rajan** (1999) Effect of different concentrations of Vitamin C on biochemical and feed utilization of common carp *Cyprinus carpio var. communis* Proc. On the 7th seminar – cum exhibition on Student. Project Scheme, Erode on 20th and 21st Aug.1999. pp.61-63.
12. Mahalakshmi, P. and **M.R. Rajan** (1998) Performance of an organic mix prepared from bio-waste, bio-nutrient on vegetable crop (Radish) and horticultural crop (Rose). Proc of the 6th seminar cum Exhibition of student project scheme, Karikudi on 25th July 1998. pp.25-27.
13. **Rajan, M.R.** and D. Hepzi Deivanayagam (1997) Non-conventional protein source for feed formulation – Abstracted in the Regional seminar on Biology for Rural Application held in the Dept. of Biology, GRI on 20th Sep.1997.p.2.
14. Hepzi Deivanayagam, D and **M.R. Rajan** (1997) Feed formulation of Fresh water prawn *Macrobrachium rosenbergii* using hide flesh. Proc. of the 5th Seminar cum Exhibition on Student Project Scheme, Coimbatore on July 26th 1997. pp.28-30.
15. **Rajan, M.R.** S. Balasubramanian and S.,P. Raj (1995) Production and growth performance of sewage grown fishes. Proc. of the Natl. Symp. on Aquaculture for 2000 AD held at Madurai Kamaraj University on 26th and 27th November, 1994.pp.305-316.
16. Balasubramanian, S. **M.R. Rajan** and Samuel Paul Raj (1990) Sewage-fed fish culture with special reference to different BOD levels. Proc. of the Natl workshop on Animal Biotechnology on July 26-28, 1990. Tamilnadu. pp.266-274
17. Balasubramanian, M.P. **M.R. Rajan** (1986) Sublethal effects of textile mill effluent on phosphatases and non-specific esterases in different tissues of common carp *Cyprinus Carpio*. Proc. Symp on pest-residue and Envirl. Pollution, pp.105-112.

Papers Published in Books: 8

1. Mariappan, V., **Rajan, M.R.**, Ravindran, A.D and Dhajarajan, M.S (2005) Influence of organic and Inorganic Amendments in Tannery polluted soil on growth and Biochemical characteristics is of Acacia species. In Advances in Environmental Biotechnology. Edited by A.D.Ravindran & M.S.Dhana Rajan. Srishta Books, Chennai. PP.116-122.

2. Mariappan, V and **M.R.Rajan** (2003) Tannery industry in Dindigul District- Problems and suggestions. In Environment Issues. Edited by Dr. M.A.Sudhir and Dr. M. Alankara Masilamani. Reliance Pub. House, New Delhi pp.103-106.
3. **Rajan, M.R.**, V.Mariappan and T. Balamurugan (2002) A Comparative study on various physico-chemical parameters of four different Industrial effluents. Recent Trends in Biotechnology. Edited by V.S. Harikumar. Agrobios (India) Jodhpur. pp .235-239.
4. **Rajan, M.R.**, T. Balamurugan and V. Mariappan (2002) Development of a low cost Technology for the treatment and purification of Tannery effluent. Recent trends in Biotechnology. Edited by V.S. Harikumar. Agrobios (India) Jodhpur.pp.241-244.
5. Mariappan, V and **M.R. Rajan** (2002) Effect of Tannery effluent on some growth and biochemical characteristics of *Acacia ferruginea* Indic's. Environmental Pollution and Agriculture. Edited by Dr .K. Arvind Kumar. pp. 143-145.
6. **Rajan, M.R** (1995) Sewage recycling through composite fish culture. Resource recycling and Reuse. Edited by Dr. Santhanakumar and Dr. A.M Selvaraj. pp.20-25.
7. **Rajan, M.R.** (1990) Different concentrations of domestic sewage on non-specific esterases in different tissues of *Labeo rohita*. Envr. Series Vol. III Environmental Pollution and Health Hazards.
8. **Rajan, M.R.** and Samuel Paul Raj (1989) Survival, food utilization and growth of *Labeo rohta* in domestic waste waters. Envr.Series. Vol. II Recent trends in toxicology. pp.69-90

11. Short Term Courses / Symposium / Conferences attended

Short term courses – 3

Refresher courses - 4

Orientation course – 1

Seminar/ conferences

National Level – 17

State level – 3

Regional level – 14

12. Short Term Courses / Symposium /

Conferences organized - 1

National Conference on Environmental Pollution Management and Sustainable Development – 14th & 15th December 2006.

- 13. Membership in Scientific Bodies / Association**
- a. Life Member, Bio-Energy Society of India, New Delhi.
 - b. Member, National Institute of Ecology, New Delhi.
 - c. Life Member, Association of Zoologists, BARAMATHI, Madhya Pradesh,
 - d. Life – Member, Journal of Environment and Eco planning, Dumka, Jharkand.

14. Resource Person

Worked as Session Chairman for four National Seminars/ Conferences and one Regional Seminar.

15. Reviewer for Journals

Journal of Research and Extension, GRI, Gandhigram.

16. Achievement

- i) Gene sequencing was carried out for one microbe *Aneurinibacillus aneurinilyticus* (ID.7988010) isolated from Tannery effluent and the same was deposited in the AMERICAN GENE BANK.
- ii) Ten salinity tolerant multipurpose non-edible tree Species belonging to Family Leguminaceae with high biomass were identified for growing in tannery polluted Soil.

17. Committee Member

Worked as advisory committee member formulation of Curriculum frame work course content for B.Ed (Integrated) programme.

Member, Board of Studies for B.Ed Integrated.

Member, Board of Studies in Biology.

Member, Academic Council, GRI

Convener in Quiz and Poster making for National Science Day Celebrations, GRI.

18. Foreign Countries Visited - SRILANKA – 1982 & 2008.

Was in Sri Lanka on a short teaching assignment from 20-08-2008 to 31-08-2008 and trained the teachers teaching in plantations. Programme arranged by the Ministry of Tamil Education, Sri Lanka, the Assistant Indian High Commissioner, Kandy, SriLanka and Gandhigram Rural University, Gandhigram.

19. Others

1. VILLAGE PLACEMENT PROGRAMMES COORDINATED – 6

Place	From	To	No. of Days
Anaipatti	04-04-1998	07-04-1998	4
A.Vellore	12-08-1999	15-08-1999	4
Vilampatti	24-01-2001	27-01-2001	4
Athoor	01-10-2004	07-01-2004	7
Athoor	02-10- 2006	08-10- 2006	7
Athoor	19-09 -2009	25-09-2009	7

2. OTHER PROFESSIONAL EXPERIENCES OUTSIDE GRI.

Examiner and Question Paper Setter	UG, PG, M.Phil & Ph.D Programmes	Alagappa University, Karaikudi The Madura College, Madurai, Sri Sathya Sai University, Prasanthinilayam, Andhra Pradesh, Mother Teresa Women's University, Kodaikanal, Mahatma Gandhi University, Kottayam, Manonmanium Sundaranar University, Thirunelveli, PRIST University, Thanjaur and Vinayaka Mission's University, Salem.
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3. Subject Handled / Handling.

1.	M.Phil Research & Development M.Phil Future studies (Distance Education)	Environmental studies Environmental Management.
2.	M.Sc. Botany & Zoology	Animal Science, Aquaculture, Environmental Biology, Biology for Rural Application, Biochemistry, Animal Physiology,

		Instrumentation Technique & Research Methods
3.	M.Sc. Microbiology	Biochemistry, Instrumentation Technique & Research Methods
4.	B.Sc. Home Science	Biology – Animal Science
5.	B.Ed. (Integrated)	Psycho-Social bases of Education Biology-Optional

4. Treasurer in GRIFF,GRI

5. Library in charge, Department of Biology since 1994.