


## RESUME

|                          |  |   |
|--------------------------|--|---|
| Name                     | <b>DR.B. Senthilkumar</b>  |  |
| Designation              | Professor & Head   |   |
| Present Position         | <b>Controller of Examinations (FAC)</b>  |   |
| Mailing Address          | <b>“Jothi Kiruba”</b><br>52, Sabapathy Nagar,<br>Opp to DKM College,<br>Sainathapuram,<br>Vellore – 632 001. |   |
| Academic Qualifications  | M.Sc., Ph.D., M.A (YHE).   |   |
| Employee Number          | TVU 104  |   |
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| Contact e-mail(s)        | Senthil_cahc@yahoo.co.in   |   |

Teaching Experience: 26 years

Research Experience: 29 years

Research Area / Specialization(s): Animal Physiology & Phytotherapy research

### **Research Guidance / Supervision:**

| Programmes of Study | Completed | Ongoing |
|---------------------|-----------|---------|
| Ph.D                | 14        | 7       |
| M.Phil              | 70        | 4       |

## Research Papers

| Published in International Journals | Published in National Journals | Presented in International Conferences | Presented in National Conferences |
|-------------------------------------|--------------------------------|--|-----------------------------------|
| 24                                  | 36                             | 34                                     | 33                                |

## Funded Research Projects (Completed)

| S.No | Agency         | Period |      | Project Title  | Budget (Rs.lakhs) |
|------|----------------|--------|------|--|-------------------|
|      |                | From   | To   |  |                   |
| 1.   | UGC, New Delhi | 2006   | 2008 | Screening and identification of some folklore medicinal plants on alcohol induced liver toxicity in male albino rats | 0.93              |
| 2    | UCG, New Delhi | 2007   | 2009 | A comparative analysis of certain biochemical and cardio-respiratory parameters and difference between               | 0.72              |
| 3    | UGC, New Delhi | 2010   | 2013 | Screening of Indian seaweeds for antiviral activity against White spot syndrome virus (WSSV) in shrimp               | 10.45             |

## Consultancy Projects

| S.No | Agency     | Period |      | Project Title   | Budget (Rs.lakhs) |
|------|------------|--------|------|---|-------------------|
|      |            | From   | To   |   |                   |
| 1    | DST-IFCPAR | 2003   | 2006 | Studies on the viruses (MRNV/XSV and WSSV) pathogenic to <i>Macrobrachium resenbergi</i> in India | 83.04             |

Number of Seminars / Conferences / Workshops / Events attended: **20**

Number of Seminars / Conferences / Workshops / Events organized: **03**

Number of Invited / Special Lectures delivered : **10**

Number of Books / Chapters / Monographs / Manuals written : **1**

### Membership in Professional / National / International Bodies:

1. ESRO – Chennai.
2. ISCAP – Sri Venkateswara University, Thirupathi.
3. Scientific advisor for NCSC – Tamilnadu Science forum, Chennai.

### Additional Responsibilities:

1. Director – Curriculum development cell, Thiruvalluvar University.
2. Member – IQAC – Thiruvalluvar University.

### Countries Visited:

1. France – Universite of Montepellire – II
2. Spain – Natural Museum

### Others

- Patents - Filed: 1
- Products developed:  
Nil

### Publications In Journals:

International: 24      National: 36      Articles:5      Books: 4

(One of the International research article (*J.OPEM*) has been rewarded \$100)

### INTERNATIONAL JOURNALS

1. A.Abdul Zahir, A.Abdul Rahuman, C.Kamaraj, A.Bagavan, G.Elango, A.Sangaran and **B.Senthilkumar**. Laboratory determination of efficacy of indigenous plant extracts for parasites control. *Parasitol Res.* (2009). 105:453-461.
2. S.Palani, S.Raja, K.Sakthivel, K.Devi, and **B.Senthilkumar**. Hepatoprotective and antioxidant effects of *Monochoria vaginalis* against acetaminophen induced hepatotoxicity in rats. *Oriental. Pharm. Expt.Med.* (2010). 10(1):29-36.
3. S.Palani, S.Raja, R.Praveenkumar, D.Venkadesan, K.Devi, A.Sivaraj, and **B.Senthilkumar**. Therapeutic efficacy of antihepatotoxic and antioxidant activities of *Acorus calamus* on acetaminophen induced toxicity in rat. *Int.J.Integrative.Biol.* (2009). 7: (1). 39-44.

4. Sivaraj, A., Vinothkumar, P., Devi, K., Elumalai, E.K., **Senthilkumar, B.** Protective effect of aqueous leaf extract of *Alternanthera sessilis* L. on CCl<sub>4</sub> induced hepatic damage in *albino* mice. *Pharmacologyonline*. (2009). 2: 692-696.
5. S.Palani, S.Raja, R.Praveenkumar, K.Sakthivel, K.Devi, and **B.Senthilkumar.** Phytoconstituents evaluation and antihyperglycemic and antihyperlipidemic effects of the *Mahonia leschenaultia takeda* in streptozotocin induced diabetic rats. *Toxicol. Environ. Chem.* (2009). 1(13).
6. S. Palani, S. Raja, D. Rajalingam, R. Praveen Kumar, **B.Senthilkumar.** Therapeutic efficacy of *Pimpinella tirupatiensis* (Apiaceae) on acetaminophen induced hepatotoxicity and oxidative stress in male albino rats. *Pharmacologyonline*. (2009). 2:708-719.
7. S.Palani, S.Raja, R.Santhosh Kalash, and **B.Senthilkumar.** Evaluation of nephroprotective and antioxidant activity of *Mahonia leschenaultia takeda* on acetaminophen induced toxicity in rat. *Toxicol. Environ.Chem.* (2010). 92(4):789-799.
8. S.Palani, S.Raja, R.Praveenkumar P.Parameswaran, and **B.Senthilkumar.** Therapeutic efficacy of *Acorus calamus* on acetaminophen induced nephrotoxicity and oxidative stress in male albino rats. *Acta Pharmaceutica Scientia*. (2010).52:89-100.
9. S.Palani, S.Raja, D.Venkadesan, S.Karthi, K.Sakthivel, **B.Senthilkumar.** Antioxidant activity and hepatoprotective potential of *Terminalia pallida*. *Archives of Applied Science Research*. (2009). 1(1):18-28.
10. Sathiyaraj, K., Sivaraj, A., Madhumitha, G., Vinothkumar, P., Mary Saral, A., Devi, K., **Senthilkumar, B.** Antifertility effect of aqueous leaf extract of *Aegle marmelos* on male albino rats. *Int.J.Curr.Pharmaceutical.Res.* (2010). 2(1). 26-28.
11. Sathiyaraj, K., Sivaraj, A., Vinoth Kumar, P., Devi, K., **Senthilkumar, B.** Spermicidal activity of *Azadirachta indica* (Neem) aqueous leaf extract on male albino mice. *Int. J. Pharm Tech Res.* (2009). 2(1), 588-591.
12. Devi, K., Sivaraj, A., Vinothkumar, P., **Senthilkumar, B.**, Syed Zameer Ahmed, K., Sathiyaraj, K., David, E. Hypolipidemic effect of *Aegle marmelos* leaf extract in streptozotocin (STZ) induced diabetic male *albino* rats. *Int. J. Pharm Tech Res.* (2010) 2(1). 259-265.
13. Vinothkumar, P., Sivaraj, A., Madhumitha, G., Mary Saral, A., **Senthilkumar, B.** Invitro antibacterial activities of *Picrorhiza kurroa* rhizome extract using agar well diffusion method. *Int.J.Curr.Pharmaceutical.Res.* (2010). 2(1). 30-32.

14. Subramani Palani, Sundararajan Raja, Ramanujam Praveenkumar, Ranganathan Selvaraj, **Balasubramanian Senthilkumar**. Evaluation of phytoconstituents and anti-nephrotoxic and antioxidant activities of *Monochoria vaginalis*. *Pak. J. Pharm. Sci.* 24 (3), 2011:293-301.
15. Madhumitha, G., Mary Saral, A., **Senthilkumar, B.**, Sivaraj, A. Hepatoprotective potential of petroleum ether leaf extract of *Crossandra infundibuliformis* on CCl<sub>4</sub> induced liver toxicity in albino mice. *Asian.J.Tropical.Med.* 2010. 788-790.
16. M. Sarathi, A. Nazeer Basha, M. Ravi, C. Venkatesan, **B. Senthilkumar** and A.S. Sahul Hameed. Clearance of white spot syndrome virus (WSSV) and Immunological changes in experimentally WSSV – injected *Macrobrachium rosenbergii*. *Fish & shell fish Immunology* (2008) 25, 222 – 230.
17. T.Thirumalai, Beverly C David, K.Sathiyaraj, **B. Senthilkumar**, E. David. Ethnobotanical study of Anti-diabetic medicinal plants used by the local people in Javadhu hills Tamilnadu, India. *Asian Pacific Journal of Tropical Biomedicine.* (2012);S910-913.
18. K.Sakthivel, S.Palani, R.Selvaraj, D.Venkatesan, H.Sivasankari. **B.Senthilkumar**. Cardioprotective and Antioxidant potential of *Scilla hyacinthine*. *J.Biological.Sci.* 13(5):313-322. 2013.
19. Poongothai, K., Ponmurugan, P., Syed Zameer Ahmed, K., **Senthilkumar, B.** and Sheriff, S.A. Antihyperglycemic and antioxidant effects of *Solanum xanthocarpum* leaves (field grown & in vitro raised) extracts on alloxan induced diabetic rats. *Asian Pacific J Tropical Medicine* 412- 420. **11.** 778-785.
20. K. Syed Zameer Ahmed, K. Poongothai, P. Ponmurugan, **B. Senthilkumar**. Ameliorative potential of *Solanum trilobatum* on oxidative stress in alloxan induced diabetic rats. *Pakistan Journal of Pharmaceutical Sciences* Vol 29.
21. Sathiyaraj.K., Sivaraj.A., Thirumalai.T., **Senthilkumar.B.** Ethnobotanical study of antifertility medicinal plants used by the local people in Kathiyavadi village, Vellore District, Tamilnadu, India. *Asian Pacific J. Trop Biomedicine.* 2012; 1285-1288.

## NATIONAL JOURNALS

1. Sivaraj, A., Devi, K., Vinothkumar, P., Sathiyaraj, K., Sayed Zameer Ahmed, K., **Senthilkumar, B.** Lipid lowering effect of aqueous extract of flower of *Cassia auriculata* on streptozotocin (STZ) induced diabetic male albino rats. *J.Pharmacy Res.* (2010), 3(4). 683-686.
2. Sivaraj, A., Vinothkumar, P., Sathiyaraj, K., Devi, K., **Senthilkumar, B.** Hepatoprotective and antioxidant properties of *Coccinia grandis* aqueous leaf extract on ethanol induced liver toxicity in albino rats. *J.Pharmacy.Res.* (2010), 3(3). 533-536.
3. S. Palani, S. Raja, S.Karthi, Selvi Archana, **B. Senthilkumar.** *In vivo* analysis of nephro & hepato protective effects and antioxidant activity of *Madhuca longifolia* against acetaminophen-induced toxicity & oxidative stress. *J.Pharmacy.Res.* (2010). 3(1):9-16.
4. Vinothkumar, P., Sivaraj, A., Syed Zameer Ahmed, K., Sivamani, P., Devi, K., **Senthilkumar, B.** Evaluation of antibacterial activities of *Andrographis paniculata* leaf extract against selective gram positive and gram negative species by *in vitro* methods. *J. Pharmacy. Res.* (2010). 3(7):1513-1515.
5. Syed Zameer Ahmed, K., Sivaraj, A., Vinoth kumar, P., Sundaresan, S., Natarajan, K., Devi, K., Abdul Rahuman, A., **Senthil kumar, B.** Antihyperglycemic and antihyperlipidemic effect of ethyl acetate flower extract of *Cassia auriculata* on alloxan induced diabetes in male albino rats. *J. Pharmacy. Res.* (2010). 3(6):1300-2303.
6. Vinoth kumar, P., Sivaraj, A., Devi, K., **Senthil kumar, B.** Hepatoprotective and antioxidant properties of aqueous rhizome extracts of *Picrorhiza kurroa* on CCl<sub>4</sub> induced liver toxicity in albino rats. *J. Pharmacy. Res.* (2010). 3(6):1280-1282.
7. A.Sivaraj, P.Vinothkumar, S.Palani, K.Devi, E.K.Elumalai, **B.Senthilkumar.** Preventive effect of aqueous leaf extract of *Alternanthera sessilis* L. on CCl<sub>4</sub> induced hepatic damage in albino mice. *Int.J.Pharmagenesis.* (2010). 1(2):275-278.
8. Sivaraj,A., Vinothkumar, P., Sathiyaraj, K., Thirumalai, K., Elumalai, E.K., **Senthilkumar, B.** Oxygen consumption and sub lethal effect of fresh water fish *Channa punctatus*, exposed to tannery effluents. *Int.J.Pharmagenesis.* 2010.1(2): 193-198.
9. Vinothkumar, P., Sivaraj, A., Elumalai, E.K., **Senthilkumar, B.** Hepatoprotective effect of *Coccinia grandis* L. aqueous leaf extract on carbon tetrachloride (CCl<sub>4</sub>) induced liver damage in albino rats. *Int.J.Pharmagenesis.* 2010.1(2): 165-169.

10. Philip Jacob, P., Sivaraj, A., **Senthilkumar, B.**, Mary Saral, A. Phytochemical screening and CNS activity of *Lawsonia inermis* L. seeds. *J.Pharmacy.Res.* 2010. 3(9):2163-2166.
11. S.Palani, S.Raja, **B.Senthilkumar.** Hepatoprotective and antioxidant potential of *Chloroxylon swietenia* (Rutaceae) on acetaminophen induced toxicity in male *albino* rats. *Int.J.Pharm Tech.Res.* (2010). 2(1): 162-170.
12. A.Sivaraj, B. Preethi Jenifa, M. Kavitha, P. Inbasekar, **B. Senthilkumar**, A. Panneerselvam. Antibacterial activity of *Coccinia grandis* leaf extract on selective bacterial strains. *J. Applied Pharmaceutical Sci.* (2011), 01 (07):120-123.
13. A.Sivaraj, P.Vinothkumar, K.Sathiyaraj, S.Sundaresan, K.Devi, **B. Senthilkumar.** Hepatoprotective potential of *Andrographis paniculata* aqueous leaf extract on ethanol induced liver toxicity in *albino* rats. *J. Applied Pharmaceutical Sci.* (2011), 01 (06):204-208.
14. K.Sathiyaraj, A.Sivaraj, T.Thirumalai, N.Baskaran, K.Vinothrasu, P.Inbasekar, **B.Senthilkumar.** Antifertility Activity of Aqueous leaf extract of *Andrographis paniculata* in Male *Albino* Rats. *Int.J.Pharmaceutical & Biological Archives.* (2011); 2(4):1108-1111.
15. T.Thirumalai, E.K.Elumalai, S.Viviyana Therasa, **B.Senthilkumar**, and E.David. Ethnobotanical survey of folklore plants for the treatment of jaundice and snakebites in Vellore Districts of Tamilnadu, India. *Ethnobotanical Leaflets.* (2010). 14:529-536.
16. S.Palani, S.Nirmalkumar, R.Gokulan, D.Rajalingam and **B.Senthilkumar.** Evaluation of nephroprotective and antioxidant potential of *Tragia involucrate*. *Drug invention today.* (2009). 1(1): 55-60.
17. Sivaraj, A., Devi, K., Palani, S., Vinoth kumar, P., **Senthilkumar, B.**, David, E. Anti-hyperglycemic and Anti-hyperlipidemic effect of combined plant extract of *Cassia auriculata* and *Aegle marmelos* in streptozotocin (STZ) induced diabetic albino rats. *Int. J. PharmTech Res.* (2009). 1(4):1010-1016.
18. Vinothkumar, P., Sivaraj, A., Elumalai, E.K., **Senthilkumar, B.** Carbon tetrachloride-induced hepatotoxicity in rats – Protective role of aqueous leaf extracts of *Coccinia grandis*. *Int. J. Pharm Tech. Res.* (2009). 1(4): 1612-1615.
19. S. Palani, S.Raja, R. Praveen Kumar, R.Selvaraj, K.Sakthivel, K. Devi and **B. Senthilkumar.** Therapeutic efficacy of *Chloroxylon swietenia* (Apiaceae) on acetaminophen induced nephrotoxicity and oxidative stress in male albino rats. *Online.J.Biotech.Res.* (2009).

20. S.Palani, S.Raja, R.Praveenkumar, Soumya Jayakumar and **B.Senthilkumar**. Therapeutic efficacy of *Pimpinella tirupatiensis* (Apiaceae) on acetaminophen induced nephrotoxicity and oxidative stress in male albino rats. *Int.J.Pharm Tech.Res.* (2009). 1(3):925-934.
21. T.Thirumalai, E.K.Elumalai, **B.Senthilkumar**, and E.David. Ethanobotanical study of medicinal plants used by the local people in Vellore District, Tamilnadu, India. *Ethnobotanical Leaflets.* (2009). 13:1302-1311.
22. Sivaraj. A, P. Vinoth Kumar, E. David, K. Devi and **B. Senthilkumar**. Hypoglycemic effect of *Melia azedarach* and *Eugenia jambolana* in streptozotocin (STZ) induced diabetic male albino rats. *J.comp.Ani. Phy.* (26) 1 : 75 – 79, 2008.
23. Inbasekar, P., Sivaraj, A., Sathiyaraj, K., Sundaresan, S., **Senthilkumar, B.** A Preliminary Investigation of Freeze Storage on the Production Trimethylamine Nitrogen in *Leiognathus splendens* (Family: Leiognathidae). *Int.J.Pharmaceutical & Biological archives.* 2011. 2(5):1493-1496.
24. Leela Vinodh, K.S., Natarajan, A., Sundaresan, S., Sivaraj, A., Devi, K., **Senthilkumar, B.** Biochemical changes during germination of *Vigna unguiculata* effect of bio fertilizer o6-em & ma. *Int. J. Institutional. Pharmacy and Life Sci.* 2(3): May-June 2012.
25. A.Natarajan., K.Syed Zameer Ahmed., S.Suderesan., A.Sivaraj., K.Devi., **B.Senthilkumar**. Effect of aqueous flower extract of *Catharanthus roseus* on alloxan induced diabetes in male albino rats. *Int.J.Pharmaceutical.Sci.Drug.Res.* 2012 4(2): 150-153.
26. S. Palani, **B. Senthilkumar**, R. Praveen Kumar, K. Devi, D. Venkatesan and E. Raja Sathendra. Effect of the ethanolic extract of *Indigofera barberi* (L) in acute Acetaminophen – Induced Nephrotoxic Rats. *Adv. Biotech.* VII : (3) 28 – 31 (2008).
27. D. Venkatesan, S. Palani, S. Kamatchiammal, Mazher sultana, K. Devi **B.Senthilkumar**. Isolation and detection of indicator MS2 coliphage in different environment and sea foods by PEG precipitation and GAC – UAPB, RT – PCR method. *Adv. Biotech.* VII : (01) 26 – 32 (2008).
28. A. Natarajan, K.S. Leelavinodh, A. Jayavelu, K. Devi, **B. Senthilkumar**. A study on ethnomedicinal plants of Kalavai, Vellore District, Tamilnadu, India. *Journal of Applied Pharmaceutical Science.* 3 (01), pp. 099-102. 2013.
29. R. Thangamani, A. Jayavelu, K. Natarajan, KS. Leelavinodh, Devi. K, **B.Senthilkumar**. Efficacy of Nicotianatabacum Extract on Infertility in male Albino Rats. *International Journal of Pharmaceutical & Biological Archives.* 2014; 5(2): 126 – 131.



30. A. Jayavelu, A. Natarajan, S. Sundaresan, K. Devi, **B. Senthilkumar**. Hepatoprotective Activity of *Boerhavia Diffusa* Linn. (Nyctaginaceae) against Ibuprofen Induced Hepatotoxicity in Wistar Albino Rats. *International Journal of Pharma Research & Review*, April 2013; 2(4):1-8.
31. A. Jayavelu, A. Natarajan, S. Sundaresan, K. Devi, **B. Senthilkumar**. Therapeutic Efficacy of combined plant extract of *Andrographis paniculata* Wall. ex Nees and *Achyranthes aspera* L. against Paracetamol induced Hepato and Renal Toxicity in Wistar albino rats. *Int. J. Applied BioResearch*. 2013; (16):8-16.
32. D. Venkatesan, S. Palani, **B. Senthilkumar**, S. Kamatchiammal, Mazher sultana and K. Devi. Isolation and detection of indicator MS2 coliphage in different environment and sea foods by PEG precipitation and GSC-UAPB\_RT-PCR method. *Advanced Biotech*. 2008. 26-32.
33. K. Sakthivel, S. Palani, R. Santhosh Kalash, K. Devi, **B. Senthilkumar**. Phytoconstituents analysis by gc-ms, Cardioprotective and antioxidant Activity of *buchanania axillaris* against Doxorubicin-induced cardio toxicity in Albino rats. *International Journal of Pharmaceutical Studies and Research*. 1(1).2010. 34-48.
34. **B. Senthilkumar**, T. Dhandapani, M. Pazhani, and K. Devi. LDH profile of *Parastromateus niger* (Bloch) and *Pampus argenteus* (Euphrasen). *Anjac. J.Sci.* vol. 3(2) 35 – 38 (2004).
35. **B. Senthilkumar**, A.P. Kamalakara Rao and S. Mahalingam. A Biochemical approach to taxonomy of *Sardinella longiceps* (Clupeidae – Pisces). *J. Ecobiol.* 8(2)091-094 (1996).
36. **B. Senthilkumar**, A.P. Kamalakara Rao and S. Mahalingam. A biochemical approach to taxonomy of *Sardinella fimbriata* and *Sardinella longiceps* – *Clupeidae* (Pisces) of the Madras coast. *J. Environ. Biol.* 18(3), 267 – 270 (1997).

#### ARTICLES PUBLISHED (5).

1. **B. Senthilkumar**, K. Devi, A. Sivaraj and M. Senthil Vadivu. Studies on the sublethal effect of tannery effluent on some tissues in the fresh water teleost fish, *labeo rohita* (Hamilton), *Proc. Nat. Sem. Env. Poll.* 1 : 5 – 8 (2004).
2. **B. Senthilkumar** and K. Habeeb Rahaman. Scampi diseases and management, **Aqua star**, May 2004.
3. **B. Senthilkumar** and K. Habeeb Rahaman. Key role of post larvae selection, **Aqua star**, May 2005.

4. **B. Senthilkumar** and K. Habeeb Rahaman. Size variation in cultured shrimp. **Aquaculture guide**, April 2005, pp. 71 – 72.
5. **B. Senthilkumar**. Taura Syndrome Virus (TSV). **Aqua star**, Sep., 2003, pp. 62 – 64.

### BOOKS

1. சுற்றுச்சூழல் - **In Tamil version related to Environment**. பா.செந்தில்குமார், க.தேவி & தி.து.பாலசுப்பிரமணியன்- முதற்பதிப்பு, **2006, p-131**. வேங்கடவன் பதிப்பகம், சென்னை -41
2. Palani Subramani, **Senthilkumar Balasubramanian**. Therapeutic efficacy of Indian medicinal plants on Hepatorenal toxicity. **Lambert academic publishing, Germany**.
3. Sakthivel Kuppusamy, Devi K, **Senthilkumar Balasubramanian**. Cardioprotective and antioxidant potential of Indian medicinal plants. **Lambert academic publishing, Germany**.
4. Prof.Dr.Kadarkarai Murugan, Prof.Dr. **Senthilkumar Balasubramanian**, Dr.S.Palani Indian Herbs for Alzheimer's disease and associated Symptoms. **Lambert academic publishing, Germany**.

### Board of Studies

#### Ex-Officio Member/Chairman/Question Paper Setters/

- a) Thiruvalluvar University- Ex-Officio Member, Board of Studies in Zoology (PG) & University Departments
- b) Annamalai University- Chairman, Board of Question Paper Setters in Zoology (PG)
- c) Tamilnadu State Council for Higher Education-Coordinator -CDC in Zoology(UG&PG)
- d) University of Madras – Chairman – Question Paper Setter in Zoology (P.G)

### Examinations

#### Examiner/Convener/Mphil/Ph.D Course

- Manonmaniam Sundaranar University-Convener of Viva-Voce Board
- Thiruvalluvar University- Examiner

- VIT University-Member of the Doctoral Committee  
Bharathiar University- Examiner
- Annamalai University- Examiner of Viva-Voce Board
- Bharath University- Examiner of Viva-Voce Board
- Periyar University- Examiner of Viva-Voce Board
- Voorhees College – External Examiner
- Arignar Anna Government Arts College – External Examiner
- Government College of Education, Katpadi – External Examiner
- University of Kerala – Adjudicator & Chairperson
- Scott Christian College(Autonomous), Nagerkoil – Convener
- Vanavil Arts & Science College – Chief Superintendent
- Smt.N.P.Savithamma. Govt.College for Women, Chittoor,A.P - External Examiner
- Thiru Kolanjiappar Govt.Arts College - External Examiner
- Kanchi Mamunivar Centre for P.G Studies(Autonomous) - External Examiner
- T.K.Govt. Arts College - External Examiner
- Muthayammal College of Arts & Science – Examiner
- University of Madras - Examiner
- Dr.R.K.Shanmugam College of Arts & Science – Panel Expert Member of Principal Selection

### **Academic Activities**

#### **Governing Board Member/Academic Council Member/University Nominee**

- University of Madras – University Nominee & Academic Council Member
- Islamiah College(Autonomous) - Academic Council Member
- Guru Nanak College - Academic Council Member
- St. Joseph’s College of Arts & Science(Autonomous) - Academic Council Member
- Sri Ramakrishna Vidyalaya Nursery & Primary School – Governing Board Member
- Sri Sankara Arts & Science College - Academic Council Member
- Thiruvalluvar University- University Nominee
- Govt.Vellore Medical College – Governing Board Member (Member of IAEC)
- D.K.M. College for women(Autonomous) - Academic Council Member & Governing

Board Member

- Muthurangam Government Arts College – University Nominee

### **Inspection**

#### **Inspection Committee Member/Affiliation Committee Member**

- ✓ D.K.M College for Women(Autonomous) - Inspection Committee Member
- ✓ Thiru. Kolanjiappar Government Arts College - Inspection Committee Member
- ✓ R.T.G. Arts & Science College for Women - Inspection Committee Member
- ✓ Don Bosco College(Co-Ed) - Inspection Committee Member
- ✓ S.S.S. College of Arts & Science and Management- Inspection Committee Member
- ✓ Indian Arts & Science College - Inspection Committee Member
- ✓ King Nandhivarman College of Arts & Science - Inspection Committee Member
- ✓ Auxillium College(Autonomous) - Inspection Committee Member
- ✓ Sree Abiraami Arts and Science College for Women - Inspection Committee Convener

### **Selection Committee**

#### **Convener/Chairman/Member of Selection Committee/Principal Selection & Teacher**

#### **Recruitment**

- Indian Arts & Science College - Member of Selection Committee
- D.K.M College for Women(Autonomous) - Member of Selection Committee
- Sanghamam College of Arts and Science - Principal Selection
- K.M.G. College of Arts & Science - Principal Selection
- Thiruvalluvar University Constituent College of Arts and Science – Convener
- Teachers Recruitment Board - Member of Selection Committee
- University of Kerala - Member of Selection Committee
- Thiruvalluvar University- Member of Selection Committee
- Dr. R.K. Shanmugam College of Arts & Science- Principal Selection
- Annamalai University - Member of Selection Committee
- Sree Abiraami Arts & Science College for Women - Convener
- Periyar University – Subject Expert of Selection Committee
- Sri Bharathi Velu Arts & Science College - Principal Selection

- C. Abdul Hakeem College - Member of Selection Committee
- Higher Education – Formation of New Education Policy - Member of Selection Committee
- Sri Vinayaga College of Arts & Science,Ulundurpet - Principal Selection-Convener
- Theivanaiammal Arts & Science College for Women – Awareness Camp – Coordinator
- Tamil nadu State Council for Higher Education – Member of CBCS Meeting
- Sun Arts and Science College,Thiruvannamalai - Principal Selection- Convener
- Tamilnadu Teachers Board(TRB)- University Expert for Selection of Faculties
- University of Madras - Member of Selection Committee
- Saraswathy College of Arts and Science - Principal Selection
- Dr. M.G.R. Chockalingam Arts College - Principal Selection
- Indian Arts & Science College,Kondam,T.V.Malai Dt.,- Convener
- Raja Rajeswari college of Arts & Science, Bommiyarpalayam – Principal Selection

## **Academic Performance**

### **Honours/ Appreciations**

- ❖ Invited Speaker of 3<sup>rd</sup> International Conference on Medical Plants and Herbal Products.
- ❖ UGC Sponsored One day National Seminar on Current trends in Zoology at Thiru Kolanjiappar Government Arts College, Vridachalam – **Inaugural Address.**
- ❖ Participation of World Congress on Pharmaceutical Sciences & Chemical Technology’s 1<sup>st</sup> Anniversary- Bharat University, Chennai - **Inaugural Address.**
- ❖ The UGC Sponsored State Level Seminar on “Emerging Threats in Biodiversity” held at Government Arts College, Thiruvannamalai - **Inaugural Address.**
- ❖ The Department of science and technology(DST) has selected the department of zoology, Thiruvalluvar University for a grant of Rs.34 Lakh under the fund for improvement of science and technology(FIST) 2014 for a period of five years- **Coordinator .**
- ❖ Delivered a lecture on Emerging Threats to Human Health” in the National Seminar held on 7<sup>th</sup> February 2014 at Women’s Christian College, Nagerkoil - **Inaugural Address.**
- ❖ Chief Guest of Thiru. Kolanjiappar Government Arts College for Inauguration of Zoology Association.

- ❖ National Children Science Meet – 2013 – **Invited Speaker.**
- ❖ Participation of International Conference at Colombo, Srilanka - **Invited Speaker.**
- ❖ Independence Day at RTG Arts & Science College – **Chief Guest.**
- ❖ “NATIONAL PRODUCTS & DRUG DISCOVERY” at Arunai Engineering College, T.V. malai – **Key Note Address.**
- ❖ Annual day celebration at Sri. Ramakrishna Vidyalaya Nursery & Primary School- **Guest of Honor**
- ❖ Small Social Service Association at Vellore – **Guest of Honor.**
- ❖ ‘Intermediary Metabolism’ for M.Sc Zoology students – Voorhees College, Vellore.- **Special Talk.**
- ❖ International day of yoga on 21<sup>st</sup> June 2016 – **Convener**
- ❖ Guest lecturer - National Seminar on ‘Emerging Threats to Human health’ at Women’s Christian College, Nagerkoil – **Inaugural Address.**
- ❖ National Workshop on Current trends and Techniques in Environmental Toxicology at Annamalai University, Chidambaram – **Plenary Lecture.**
- ❖ The Intercollegiate Seminar at Auxillium College - **Guest Lecture.**
- ❖ Recent advances in Biological Sciences held at Arignar Anna Government Arts College, Cheyyar – **Invited Speaker**

### **Awards**

- ❖ Best teacher award – lions club of GKD millennium, Chennai, Dist 324-A1.
- ❖ Scientific research and social service award – ESRO, Chennai.
- ❖ As an organizer for voluntary blood donation camp – Govt., of Tamilnadu, AIDS control society, Chennai.
- ❖ As an organizer of tourist awareness week – Tamilnadu tourism & development corporation.
- ❖ Best teacher award – 2015 – New Vision voluntary organization, Thiruvannamalai.