

CURRICULUM VITAE**Dr.P.SENTHAMIL SELVAN, M.Pharm., Ph.D.**

Assistant Professor

Department of Pharmaceutical Technology

Anna University (BIT-Campus)

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Education

Degree Awarded	University	Year
B. Pharmacy	The Tamil Nadu Dr. M.G.R. Medical University - Chennai (Tamil Nadu, India)	1999
M. Pharmacy*	The Tamil Nadu Dr. M.G.R. Medical University - Chennai (Tamil Nadu, India)	2002
Ph.D**	Jadavpur University – Kolkata (West Bengal, India)	2008

* **Thesis submitted on:** “Bioequivalence studies on Oxybutynin Hydrochloride extended release tablets and buccal adhesive tablets in Human blood plasma”.

** **Thesis submitted on:** "Formulation Development of Fixed Dose Combination Bi-layer Matrix Tablet and Pharmacokinetic Evaluation Using LC-MS-MS ".

Awards / Medals

- **Senior Research Fellowship (SRF)** - Department of Science & Technology (DST) by Ministry of Science & Technology, Govt. of India, New Delhi.
- **Senior Research Fellowship (SRF)** – Indian Council of Medical Research (ICMR) by Ministry of Health & Family Welfare, Govt. of India, New Delhi.

Work Experience: (Academic and R&D)

- Working as Assistant Professor in the Department of Pharmaceutical Technology, Anna University (BIT-Campus), Tiruchirappalli, Tamil Nadu, India, since Aug-2009 to till date.
- Worked as Assistant Professor in the Department of Pharmaceutical Analysis, Nandha College of Pharmacy, Erode-52, Tamil Nadu, India, since Jan-2009 to Aug-2009.
- Worked as full time researcher (ICMR Direct SRF) in the Department of Pharmaceutical Technology, Jadavpur University, Kolkata, India, since Jul-2005 to Dec-2008.
- Worked as Assistant Professor in the Department of Pharmaceutical Analysis, Nandha College of Pharmacy, Erode-52, Tamil Nadu, India, since Sept-2004 to June-2005.

Research Experience

- Experience in method development and validation on HPLC & LC-MS/MS for the estimation of drugs and metabolites in biological fluids.
- Experience in conducting Bioavailability, Bioequivalence and Pharmacokinetic studies for finished products (formulations) in Human subjects.
- Experience in animal handling and conducting animal toxicity studies.
- Experience in preparation of Bioavailability, Bioequivalence, Pharmacokinetic and preclinical study protocols & reports.
- Experience in formulation development, especially controlled release (CR) matrix tablets.
- Development and validation of dissolution methods for all types of formulations.
- Experience in conducting forced degradation and stability studies for formulations, raw material and active pharmaceutical ingredients.
- Analysis of raw materials, bulk drugs, intermediates, finished products and pharmaceutical active ingredients using HPLC.
- Identification and quantification of biologically active pharmaceutical compounds and their impurities with GC and HPTLC.
- Analytical method development and validation on UV/Vis Spectroscopy for raw materials, formulations and biological fluids.
- Qualitative, Quantitative analysis of organic compounds by FT-IR in all type of sampling techniques.
- Isolation, identification and estimation of herbal drugs from medicinal plants by HPLC, GC and HPTLC.

Softwares Known

- Analyst 1.4.1 - (LC-MS/MS – API-2000™)
- WinNonlin 4.1 - (Pharmacokinetic evaluation)
- Millennium 32 - (Waters HPLC)
- LC-solutions - (SHIMADZU-HPLC)
- Hewlett Packard software - (HP Agilent 1100)
- Perkin Elmer software - (HPLC-series 200)
- IR-solutions software - (SHIMADZU FT-IR 8400S)

Instruments Handled

- LC-MS/MS (API-2000™) by AB-Sciex Instruments, Foster, CA.
- Waters HPLC with auto sampler 717 and alliance 2690 model with 2487 dual absorbance detector.
- Shimadzu HPLC (LC-2010C) with auto sampler.
- Shimadzu HPLC (LC-10AT VP, LC-10AT pumps) with SPD-10A VP model UV-Vis detector, Refractive index detector (RID-10A) Photodiode Array Detector (SHIMADZU-SPD-M10A).
- Perkin Elmer HPLC –Series 200 auto sampler with UV-Vis detector.
- Hewlett Packard HPLC - Agilent 1100 pumps with auto sampler.
- SHIMADZU-150A - (UV-Vis Spectroscopy).
- SHIMADZU FT-IR 8400S & Perkin Elmer FT-IR-430 spectrometer.
- CAMAG HPTLC with CAMAG TLC scanner.
- Dissolution apparatus with Tablet Dissolution Tester USP (XXIII), with auto sampler TDT-06T, Electrolab dissolution tester TDT-08L and Labindia TDT.
- CAMAG GC with Flame ionization detector and chemical ionization detector.
- Differential scanning calorimeter DSC-821 Mettler Toledo.
- MALVERN Master sizer for particle size analyzer.

Invited Lectures

1. Invited lecture on topic “Current Trends in Standardization of Herbal Medicines and Supplements using Modern Analytical Techniques”, in the Staff Development Programme sponsored by AICTE, New Delhi, in Nandha College of Pharmacy, Erode (Tamil Nadu, India) during June 22nd to July 5th 2009.
2. Invited lecture on topic “Formulation Development and Pharmacokinetic Evaluation Using LC-MS/MS” in the Summer School programme on “Current Developments in Biological, Nano & Pharmaceutical Technology” organized by the Department of Pharmaceutical Technology, Anna University Tiruchirappalli during 5th April 2010.

3. Invited lecture on topic “Current Trends in Standardization of Herbal Medicines and Supplements using Modern Analytical Techniques” at Cherraans College of Pharmacy, Coimbatore during 23rd March 2013.
4. Invited lecture on topic “Method Development and Validation in UV/Visible Spectroscopy for Plant Based Nanoparticles” at Cherraans College of Pharmacy, Coimbatore during 14th September 2013.
5. Invited lecture on topic “Applications of Mass Spectroscopy in New Drug Discovery” at Cherraans College of Pharmacy, Coimbatore during 15th February 2014.
6. Invited lecture on topic “Trouble shooting in High Performance Liquid Chromatography” at Cherraans College of Pharmacy, Coimbatore during 12th July 2014.
7. Invited lecture on topic “Applications of Mass Spectroscopy in New Drug Discovery” at Bioequivalence Study Centre, Jadavpur University, Kolkata, during 27th November 2014.
8. Invited lecture on topic “Effective Writing of Research Articles” at Cherraans College of Pharmacy, Coimbatore during 29th November 2014.
9. Invited lecture on topic “Trouble shooting in High Performance Liquid Chromatography” at Bioequivalence Study Centre, Jadavpur University, Kolkata, during 24th January 2015.
10. Invited lecture on topic “Bioavailability and Bioequivalence Studies” in the TEQIP-II sponsored 14 days Faculty Development Programme on “New Perspectives in Drug Discovery and Progressive Technological Developments” organized by Department of Pharmaceutical Technology, Anna University BIT Campus, Tiruchirappalli on 9th May, 2015.
11. Invited lecture on topic “Current Trends in Standardization of Herbal Medicines and Supplements using Modern Analytical Techniques” in the TEQIP-II sponsored 14 days Faculty Development Programme on “New Perspectives in Drug Discovery and Progressive Technological Developments” organized by Department of Pharmaceutical Technology, Anna University BIT Campus, Tiruchirappalli on 10th May, 2015.
12. Invited lecture on topic “Modern LC-MS/MS – Ionization to Detection” in the DST & NFDD sponsored **3 days training programme** on “Hands on Training on Sophisticated Instruments” organized by Department of Pharmaceutical Technology and National Facility for Drug Development, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, during 5th to 7th October 2015.

Publications

Research articles in peer reviewed journals	:	36	<i>List attached (Annexure-I)</i>
Review Articles	:	02	

Book/Book Chapters	:	05
Invited Lectures	:	12
Programs Attended	:	16
Programs Organized	:	03

PERSONAL DETAILS

Date of Birth	:	July 18 th , 1977
Sex	:	Male
Marital Status	:	Single
Nationality	:	Indian
Languages Known	:	Tamil, English & Bengali
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PROFESSIONAL REFEREES

Dr. T.K. Pal, Ph.D
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Sr. Asst. Director/Scientist-E II
Council of Scientific & Industrial
Research
Indian Institute of Chemical Biology,
Kolkata-700032, INDIA

Annexure-I

I. National:

1. **P.S.Selvan**, E.Sanmuga Priya, Determination of Ethanol Content in Ayurvedic Formulations *Kumaryasava* and *Mustakarista* by Gas Chromatography, *Indian Journal of Pharmaceutical Sciences*, 77(1) 120-125 (2015); IF: 0.479; H-index: 37; ISSN: 0250474X.

II. International:

1. Sanmuga Priya E, **Senthamil Selvan P**, Selvaranjani P. Anti-inflammatory effect of *naravelia zeylanica* dc via suppression of inflammatory mediators in carrageenan induced abdominal edema in zebra fish model; *Inflammopharmacology*, 25 (1) 147-158 (2017); DOI: 10.1007/s10787-016-0303-2; IF: 2.304; ISSN: 0925-4692.

2. **Senthamil Selvan P**, Sanmuga Priya E, Dhanam T, *In vivo* antiarthritic activity of the ethanol extracts of stem bark and seeds of *Calophyllum inophyllum* in Freund's complete adjuvant induced arthritis, *Pharmaceutical Biology*, 55(1) 1330-1336 (2016); <http://dx.doi.org/10.1080/13880209.2016.1226346>; IF:1.241 ISSN No. 1388-0209.

3. Sanmuga Priya Ekambaram, **Senthamil Selvan Perumal**, Ajay Balakrishnan, Nathiya Marappan, Sabari Srinivasan Gajendran, Vinodhini Viswanathan, Antibacterial synergy between rosmarinic acid and antibiotics against methicillin-resistant *Staphylococcus aureus*, *J Intercult Ethnopharmacol*, 5 (4) 358-363 (2016).

4. E. Sanmuga Priya, **P. Senthamil Selvan**, A. Yavanarajan, Chemotypic variation in clove oil and lemongrass oil obtained from three different geographical locations of India. *Journal of Pharmacognosy and natural products*, 1(1) 1000102 (2015); 1:1 <http://dx.doi.org/10.4172/jpnp.1000102>. ISSN: 2153-2435.

5. E. Sanmuga Priya, **P. Senthamil Selvan**, Umayal A.N. Decolorization and biodegradation of remazol reactive dyes by *Clostridium* species, **3 Biotech**, 6 (1) 20 2015. ISSN: 2190-5738.

6. Sanmuga Priya Ekambaram, **Senthamil Selvan Perumal**, Marudhupandian K. Comparative analysis of isoflavone and protein content in different varieties of *glycine max* l.merill. *Journal of Planar Chromatography - Modern TLC*, 28(1), 48-53, 2015. IF: 0.67; H-index: 24; ISSN: 0933-4173.

7. Perumal Moorthy, Sanmuga Priya Ekambaram, **Senthamil Selvan Perumal**. Synthesis, characterization and antimicrobial evaluation of imidazolyl thiazolidinedione derivatives, *Arabian Journal of Chemistry*, 2014. DOI: 10.1016/j.arabjc.2014.08.010. IF: 3.725; H-index: 15; ISSN: 1878-5352.

8. **P. Senthamil Selvan**, E. Sanmuga Priya, R. Samundeswari, RP-HPLC method development and validation of simultaneous determination of Rabeprazole, Pantoprazole and Itopride, *Journal of food and drug analysis*, 22, 520-526 (2014). IF: 0.615; H-index: 26; ISSN: 10219498.

9. E. Sanmuga Priya, **P. Senthamil Selvan**, Umayal A.N. Biodegradation studies on dye effluent and selective remazol dyes by indigenous bacterial species through spectral characterization, *Desalination and Water Treatment*, 55(1) 241-251 (2014); <http://dx.doi.org/10.1080/19443994.2014.913999>- IF: 1.173, H-index: 20; ISSN: 1944-3994 (*Print*), 1944-3986 (*Online*).
10. E.Sanmuga Priya, **P.Senthamil Selvan**, P.Prakash, HPTLC Method Development and Validation for Simultaneous Analysis of Emodin and Chrysophanol in *Cassia tora* Linn Methanolic Extract., *Journal of Liquid Chromatography and Related Technologies*, 36, 2525-2533 (2013). IF: 0.606; H-index: 39; ISSN: 10826076, 1520572X.
11. E.Sanmuga Priya, **P.Senthamil Selvan**, R.Tamil Selvan, "Phytochemical Investigation of *Allophylusserratus* Kurz Leaves by UV and GC-MS Analysis", *Research Journal of Phytochemistry*, 6(1) 17-24 (2012) H-index: 9; ISSN: 21516081-18193471.
12. Sanmuga Priya Ekambaram, **Senthamil Selvan Perumal**, Venkataraman Subramanian, "Strychnos potatorum Linn seed extract enhance lysosomal membrane stability and collagen formation in Freund's complete adjuvant induced arthritic rats", *Journal of Herbs, Spices & Medicinal plants*, 17, 392-402 (2011). H-index: 18; ISSN: 15403580-10496475.
13. A.Rajavel, E.Sanmuga Priya, **P.Senthamil Selvan**, K.Rajagopal, Durga Mallikarjuna Rao, "Stability indicating method development and validation for the determination of Lacidipine in tablets", *International Research Journal of Pharmacy*, 2(5) 157-161 (2011).
14. E.Sanmuga Priya, **P.Senthamil Selvan**, S.Venkataraman, "Assessment of the *in-vivo* and *in-vitro* antioxidant potential of *Strychnos potatorum* Linn. seeds in Freund's adjuvant induced arthritic rats", *Journal of Medicinal Plants Research*, 5(19), 4780-4787 (2011). IF: 0.564.
15. E.Sanmuga Priya, **P.Senthamil Selvan**, S.Venkataraman, "Evaluation of Antiarthritic activity of *Strychnos potatorum* Linn seeds in Freund's adjuvant induced arthritic rat model", *BMC-Complementary and Alternative Medicine*, 10(56) 2010; IF: 2.02; H-index: 48; ISSN: 14726882.
16. A.Puratchikody, A.Umamaheswari, P.Sudhakar, **P.Senthamil Selvan**, S.M.M.Rahman, "Synthesis and validation of RP-HPLC method for the indole hydroxyhexanamide as potential histone deacetylase inhibitor", *Journal of Pharmacy and Pharmacology*, 62(10) 1212-1213 (2010); IF: 2.264; H-index: 82; ISSN: 00223573-20427158.
17. **P.Senthamil Selvan**, T.K.Pal, "Chromatography-mass spectrometry method for the Quantitation of metoprolol succinate and simvastatin in human blood plasma", *Journal Pharmaceutical Biomedical Analysis*, 49(5) 780-785 (2009); IF: 2.979; H-index: 90; ISSN: 07317085, 1873264X.

18. W.D.Sam Solomon, K.Veeran Gowda, **P.Senthamil Selvan**, U.Mandal and TK.Pal, "HPLC Method for Quantification of Ornidazole in Human Plasma", *Asian J. Chem.*, 20(6) 4361-4368 (2008); IF: 0.355; H-index: 25; ISSN: 09707077.
19. U.Mandal, VeeranK.Gowda, A.Ghosh, **P.Senthamil Selvan**, W.D.Sam Solomon, T.K.Pal, "Development of Dissolution Medium for Glipizide", *Asian J. Chem.*, 20(4), 2651-2656 (2008). IF: 0.355; H-index: 25; ISSN: 09707077.
20. AmlanKanti Sarkar, Debotri Ghosh, Ayan Das, **P.Senthamil Selvan**, K.Veeran Gowda, Uttam Mandal, Anirbandeep Bose, Sangeeta Agarwal, UttamBhaumik, T.K.Pal, "Simultaneous determination of metoprolol succinate and amlodipine besylate in human plasma by liquid chromatography tandem mass spectrometry method and its application in bioequivalence study", *Journal of Chromatography B: Biomedical Sciences and Applications*, 873 (1), 77-85 (2008). IF: 2.729; H-index:114; ISSN: 1873376X, 15700232.
21. W.D.Sam Solomon, **P.Senthamil Selvan**, K.Veeran Gowda, U.Mandal, T.K.Pal, "Evaluation of bioequivalence of two formulations containing 200 mg of Ketoconazole", *Asian J. Chem.*, 19(7), 5365-5371 (2007). IF: 0.355; H-index: 25; ISSN: 09707077.
22. **P.Senthamil Selvan**, R.Gopinath, V.S.Saravanan, K.Periyasamy, "Simultaneous Estimation of Paracetamol and Valdecocixib in Combined Dosage Forms by RP-HPLC Method", *Asian J. Chem.*, 19(2), 1011-1016 (2007). IF: 0.355; V H-index: 25; ISSN: 09707077.
23. **P.Senthamil Selvan**, R.Gopinath, V.S.Saravanan, N.Gopal, A.Saravana Kumar, K.Periyasamy, "Simultaneous Estimation of Paracetamol and Aceclofenac in Combined Dosage Forms by RP-HPLC Method", *Asian J. Chem.*, 19(2), 1004-1010 (2007). IF: 0.355; H-index: 25; ISSN: 09707077.
24. K.Veeran Gowda, D.S.Rajan, U.Mandal, **P.Senthamil Selvan**, W.D.Sam Solomon, A.Bose, A.K.Sarkar, T.K.Chattaraj, T.K.Pal, "Bioequivalence study of fixed dose combination of Atorvastatin/Ezetimibe tablet in healthy volunteers by LC-MS/MS method", *Asian J. Chem.*, 19(2), 1293 -1300 (2007). IF: 0.355; H-index: 25; ISSN: 09707077.
25. K.Veeran Gowda, U.Mandal, **P.Senthamil Selvan**, WD.Sam Solomon, A.Ghosh, A.K.Sarkar, S.Agarwal, T.N.Rao, T.K.Pal, "Liquid chromatography tandem mass spectrometry method for simultaneous determination of metoprolol tartrate and ramipril in human plasma", *Journal of Chromatography B: Biomedical Sciences and Applications*, 858(1-2), 13-21 (2007), IF: 2.729; H-index:114; ISSN: 1873376X, 15700232.
26. **P.Senthamil Selvan**, K.Veeran Gowda, U.Mandal, W.D.Sam Solomon, T.K.Pal, "Determination of Duloxetine in human plasma by liquid chromatography with atmospheric pressure ionization tandem mass spectrometry and its application to pharmacokinetic study", *Journal of Chromatography B: Biomedical Sciences and*

Applications, 858(1-2), 269-275 (2007). IF: 2.729; H-index:114; ISSN: 1873376X, 15700232.

27. Uttam Mandal, Veeran Gowda, Animesh Ghosh, **Senthamil Selvan Perumal**, Sam Solomon, Tapan Kumar Pal, "Formulation and Optimization of Sustained Release Matrix Tablet of Metformin HCl 500 mg Using Response Surface Methodology", *Yakugaku Zasshi*, 127(8), 1281-90 (2007). IF: 0.263; H-index: 29; ISSN: 13475231, 00316903.

28. **P.Senthamil Selvan**, K.Veeran Gowda, U.Mandal, W.D.Sam Solomon, T.K.Pal, "Simultaneous determination of fixed dose combination of Nebivolol and Valsartan in human plasma by liquid chromatography tandem mass spectrometry and its application to pharmacokinetic study", *Journal of Chromatography B: Biomedical Sciences and Applications*, 858(1-2), 143-150 (2007). IF: 2.729; H-index:114; ISSN: 1873376X, 15700232.

29. Sangita Agarwal, WD.Sam Solomon, K.Veeran Gowda, **P.Senthamil Selvan**, Debatri Ghosh, AmlanKanti Sarkar, Tapas Kumar Chattaraj, Tapan Kumar Pal, "Bioequivalence study of a fixed dose combination of nitazoxanide and ofloxacin in Indian healthy volunteers", *Arzneimittelforschung*, 57(10), 679-83 (2007). IF: 0.70; H-index: 49; ISSN: 16167066, 21949379, 00044172.

30. V.S.Saravanan, **P.Senthamil Selvan**, N.Gopal, Biplap De, Jayanta Kumar Gupta "Synthesis and antibacterial activity of some 4-substituted 2-phenyl oxazole-5-(4H) one derivatives", *Asian J. Chem.*, 18(4), 2511-2514 (2006). Impact factor: 0.355; H-index: 25; ISSN: 09707077.

31. V.S.Saravanan, **P.Senthamil Selvan**, N.Gopal, Jayanta Kumar Gupta. "Synthesis and pharmacological evaluation of some indonone-3-acetic acid derivatives", *Asian J. Chem.*, 18(4), 2597-2604 (2006). Impact factor: 0.355; H-index: 25; ISSN: 09707077.

32. **P.Senthamil Selvan**, R.Gopinath, V.S.Saravanan, N.Gopal, "Simultaneous Estimation of Levocetirizine, Ambroxol, Phenylpropanolamine and Paracetamol in Combined Dosage Forms by RP-HPLC Method", *Asian J. Chem.*, 18(4), 2591-2596 (2006). IF: 0.355; H-index: 25; ISSN: 09707077.

33. **P.Senthamil Selvan**, R.Gopinath, V.S.Saravanan, N.Gopal, "Simultaneous Estimation of Tizanidine and Valdecocix in Combined Dosage Forms by RP-HPLC Method", *Asian J. Chem.*, 18(4), 2505-2510 (2006). IF: 0.355; H-index: 25; ISSN: 09707077.

34. K.V.Gowda, D.S.Rajan, U.Mandal, **P.Senthamil Selvan**, W.D.Sam Solomon, A.Bose, A.K.Sarkar, T.K.Chattaraj, T.K.Pal, "Evaluation of bioequivalence of two formulations containing 100 mg of Aceclofenac", *Drug Development & Industrial Pharmacy*, 32(10), 1219-1225 (2006). IF: 1.049; H-index: 63; ISSN: 03639045, 15205762.

35. Sampath Saravanan, **Perumal Senthamil Selvan**, Natesan Gopal, Jayanta Kumar Gupta, Biplap De, "Synthesis and Antibacterial Activity of Some Imidazole-5- (4H) one

Derivatives”, *Archiv der Pharmazie* 338(10), 488-492 (2005). IF: 1.429; H-index: 40; ISSN: 03656233, 15214184.

Review Articles:

1. E. SanmugaPriya, **P. Senthamil Selvan**. Water Hyacinth (*Eichhornia crassipes*) - an efficient and economic adsorbent for textile effluent treatment - A review. *Arabian Journal of Chemistry*, 2014, DOI: 10.1016/j.arabjc.2014.03.002 IF: 3.725; H-index: 15; ISSN: 1878-5352.
2. E. Sanmuga Priya, **P. Senthamil Selvan**. Ajay B, Scope of hydrolysable tannins as possible antimicrobial agent, *Phytotherapy Research*, 30(7), 1035-45 (2016); DOI: 10.1002/ptr.5616.

Book/Book Chapter:

1. E. SanmugaPriya, **P. Senthamil Selvan**. Discovery of Novel Lead Molecules from Plant Sources" Vol.7: *Drug Discovery. Biotechnology*. Publisher: Studium press LLC. USA, Chapter 1, pp.1- 42. 2014. ISBN of series: 1-62699-015-8 and ISBN of volume: 1-62699-022-0. Editors: K.K.Bhutani and J.N.Govil.
2. E.Sanmuga Priya, **P. Senthamil Selvan**, Phytoremediation of Heavy Metals by *Catharanthus Roseus* Linn. Vol. 11: *Soil Pollution and Phytoremediation.*, Publisher: Studium press LLC. USA, Chief Editors: Prof. Bhola R Gurjar, IIT Roorkee., 12 Vols Series on Environmental Science and Engineering.
3. E. Sanmuga Priya, **P. Senthamil Selvan**, R. Durgalakshmi, Dhevash S, Mohammad Navas Khan A “New Approach of dye Removal in Textile Effluent: A cost effective management for cleanup of toxic dyes in textile effluent by Water hyacinth” on the book series “Toxicity and Biodegradation testing” published by Springer Science + Business Media LLC, located at 233 Spring Street New York, NY 10013. USA---In Press.

Monographs:

1. E. SanmugaPriya, **P. Senthamil Selvan**, Syed Arshad Aakhil. Monograph on *Eugenia jambolanum* -Phytotherapy in the Management of diabetes and hypertension– Vol 2. Bentham Science publishers, USA – 2015 – In press.
2. **P.Senthamil Selvan**, E.Sanmuga Priya, T. Dhanam. “Monograph on *Coccinia indica* Wight and Arn” Phytotherapy in the Management of diabetes and hypertension– Vol 2. Bentham Science publishers, USA – 2015 – In press.

Papers Presented in Conference:

1. “Liquid Chromatography Mass Spectrometry Method for Determination of Atenolol in Human Plasma”, K.Veeran Gowda, S.Agarwal, U.K.Bhumik, **P.Senthamil Selvan**,

B.Chatterjee, B.K.Sahoo, T.K.Pal, at 59th Indian Pharmaceutical Congress, Varanasi, India (December-2007).

2. “Simultaneous Estimation of Nimesulide and Paracetamol in tablet by HPLC method”, **P.Senthamil Selvan**, at the 52nd Indian Pharmaceutical Congress, Hyderabad, India (December-2000).

3. “*Calophyllum inophyllum*: It’s potential as *in vivo* antiarthritic agent” **P.Senthamil Selvan**, E.Sanmuga Priya, T. Dhanam at DST, DBT & ICMR sponsored 2 days National Conference on “Phytochemicals as Biotherapeutics – Unravelling the Mystery of Natural Products (HERBESCON 2016)” organized by Department of Biomedical Sciences, Sri Ramachandra University, Chennai on 17th & 18th February 2016.

4. “In vitro anti-inflammatory activity and immunomodulatory effect of terpenoids rich fraction of *Alpinia calcarata* rhizomes”, Aswini Srinivasan, Vedhanayagi Sakthivel, **Senthamil Selvan Perumal**, Sanmuga Priya Ekambaram, 2 days Continuing Medical Education (CME) “National Seminar on Cancer Immunology and Immunotherapy”, sponsored by Indian Immunology Society & Immunology Foundation, New Delhi, organized by Department of Zoology, Saiva Bhanu Kshatriya College, Aruppukkotai, Tamilnadu on 21-22 September 2017.

5. “Identification of bioactive fraction from *Alpinia calcarata* rhizome extract with respect to its immune stimulatory properties”, Thamizharasi Erusappan, **Senthamil Selvan Perumal**, Sanmuga Priya Ekambaram, 2 days Continuing Medical Education (CME) “National Seminar on Cancer Immunology and Immunotherapy”, sponsored by Indian Immunology Society & Immunology Foundation, New Delhi, organized by Department of Zoology, Saiva Bhanu Kshatriya College, Aruppukkotai, Tamilnadu on 21-22 September 2017.

Workshops Attended:

1. Indian Drugs Manufacturers’ Association sponsored **2 Days National Seminar** on “Clinical Research – Practice & Prospect”, organized by Bioequivalence Study Centre, Department of Pharmaceutical Technology, Jadavpur University, Kolkata on 30th September – 1st October 2005.

2. AICTE sponsored **14 Days Short-term Refreshers / Orientation Course** on “Drug Design and Mechanism”, QIP Nodal Cell (Pharmacy), Department of Pharmaceutical Technology, Jadavpur University, Kolkata on 11th to 26th 2006.

3. University Grand Commission (UGC), Govt. of India, New Delhi sponsored **one day workshop** on “Synthon Approach: The Theory and Practice”, organized by Annamalai University, Chidambaram on 20th Feb 2010.
4. Department of Science and Technology (DST), Govt. of India, New Delhi sponsored **5 Days National Workshop** on “Application of Chromatography and Mass Spectrometry in Clinical Research”, organized by Bioequivalence Study Centre, Jadavpur University, Kolkata on 20th to 24th September 2010.
5. Waters (India) Pvt. Ltd., Bangalore conducted **one day seminar** on “Solutions for Current Analytical Challenges” at Breeze Residency, Tiruchirappalli on 26th May 2011.
6. University Grand Commission (UGC), Govt. of India, New Delhi sponsored **28 days Orientation Programme**, organized by UGC- Academic Staff College, Bharathiar University, Coimbatore, on 12th June to 09th July 2013.
7. TEQIP-II sponsored **7 days Faculty Development Programme** on “Multidisciplinary Perspectives for Pharmaceutical, Life-Science Educators and Researchers”, organized by Department of Pharmaceutical Technology, Anna University (BIT – Campus), Tiruchirappalli, on 09th to 15th December 2013.
8. SEED (Society for Educational and Entrepreneurship Development) Chennai, sponsored 2 days **National Conference** on “Sustainable Institute Industry Partnership” organized by IIT Madras, on 25th - 26th August – 2014. (Financial assistance received from TEQIP-II).
9. TEQIP-II sponsored **14 days Faculty Development Programme** on “Thermal Engineering Applications For Sustainable Improvement (TEASI’15) ”, organized by Department of Mechanical Engineering, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, on 15th to 28th June 2015.
10. TEQIP-II sponsored **14 days Faculty Development Programme** on “Advanced Research in Materials for Engineering and Technological Applications (ARMETA-2015)”, organized by Department of Physics, Bharathidasan Institute Technology, Anna University, Tiruchirappalli, on 17th to 31st July 2015.
11. DST, DBT & ICMR sponsored 2 days National Conference on “Phytochemicals as Biotherapeutics – Unravelling the Mystery of Natural Products (HERBESCON 2016)” organized by Department of Biomedical Sciences, Sri Ramachandra University, Chennai on 17th & 18th February 2016.
12. One day workshop on “STRATEGIC DEVELOPMENT - QUALITY BY DESIGN” on 12th March 2016 organized by Department of Pharmaceutics, Faculty of Pharmacy, Sri Ramachandra University, Chennai & The Himalaya Drug Company, Bangalore.
13. TEQIP-II sponsored **14 days Faculty Development Programme** on “Advanced Technologies for Societal Applications (ATSA’16)”, organized by Department of Petrochemical Technology, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, on 06th to 19th June 2016.

14. Two day “National Workshop on Good Clinical Practice (GCP)” on 29 & 30 August 2016 organized by Department of Pharmacology, Azeezia Institute of Medical Sciences, Kollam, Kerala.

15. Two days “National Workshop on Good Clinical Practices, Bioethics & Conference on Strategies in Conducting Clinical Trials” on 24 & 25 March 2017 organized by Dhanalakshmi Srinivasan Medical College and Hospital, Perambalur.

16. One day “National Symposium on Regenerative Medicine – Are Stem Cells a Magic Bullet?” on 3rd June 2017 organized by Multidisciplinary Research Unit (MRU), Dhanalakshmi Srinivasan Medical College and Hospital, Perambalur.

Programmes Organized:

1. Coordinated a *14 days Summer School Programme* on “Current Developments in Biological, Nano & Pharmaceutical Technology” organized by the Department of Pharmaceutical Technology, Anna University Tiruchirappalli during 5th to 18th April 2010.

2. Coordinated a TEQIP-II sponsored *14 days Faculty Development Programme* on “New Perspectives in Drug Discovery and Progressive Technological Developments” organized by Department of Pharmaceutical Technology, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, during 4th to 17th May 2015.

3. Coordinated a DST & NFDD sponsored *3 days training programme* on “Hands on Training on Sophisticated Instruments” organized by Department of Pharmaceutical Technology and National Facility for Drug Development, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, during 5th to 7th October 2015.