

CURRICULUM -VITAE



Name : Dr. A. CHENTHILNATHAN, M. Pharm., Ph.D.
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EDUCATIONAL QUALIFICATIONS

- **Ph.D. in Pharmaceutical Chemistry (2024)**, Department of Pharmaceutical Chemistry, Manonmaniam Sundaranar University, Abishekapatti, Tamil Nadu, India.
- **M. Pharmacy (2002 - 2004)** - First Class with Distinction (**University First Rank**), Annamalai University, Annamalai Nagar, Tamil Nadu, India.
- Qualified "**GATE - 2002**" (Pharmaceutical Sciences) Examinations and secured **88.65 Percentile** score.
- **B. Pharmacy (1993 - 1997)** - First Class, The Tamil Nadu Dr. M.G.R. Medical University, Chennai, Tamil Nadu, India.

ACADEMIC AFFILIATION

- **Assistant Professor**, Department of Pharmaceutical Chemistry, **Manonmaniam Sundaranar University**, Tirunelveli, August 2007 to till date and **Head i/c**, Department of Pharmaceutical Chemistry, from July 2012 to June 2015 and July 2021 to Aug 2022.
- **Lecturer (Temporary)**, Department of Pharmaceutical Chemistry, **Manonmaniam Sundaranar University**, Tirunelveli, August 2006 to July 2007.
- **Lecturer on temporary basis**, Department of Pharmaceutical Engineering & Technology, **Bharathidasan University**, Tiruchirappalli, August 2004 to July 2006.
- **Tutor**, Department of Pharmacy, **The Pearl Peace Medical Mission College of Pharmacy**, Tirunelveli, January 2000 to July 2002.

PROFESSIONAL AFFILIATION

- Life Member, **Association of Chemistry Teachers**, LM No. 1300, dt. 03.10.2013.
- Life Member, **The Indian Pharmaceutical Association**, TN/MDS/LM-0295, dt. 17.01.2008.
- Life Member, **The Association of Pharmaceutical Teachers of India**, TN/LM-379, dt. 31.12. 2007.
- Life Member, **The Indian Pharmacists Association**, LM. No. TN 79, dt. 23.08. 2005.
- Life Member, **Indian Pharmacy Graduates' Association**, LM. No. 362, dt. 23.07. 2003.
- Registered Pharmacist, **Tamil Nadu Pharmacy Council**, LM. No 3401A1, dt. 23.07.1998.

TRAINING

- “A Project Trainee” in the Formulation Development Department, **M/s. MITOCON BIOTEC, SPIC PHARMA**, Maraimalai Nagar, Chennai, Tamil Nadu, for a period of six months.
- **Industrial Training Programme** at **M/s. SAI MIRRA INNOPHARM PVT. LTD.**, Chennai, Tamil Nadu, for a period of one month.
- **Practical Training** in the manufacturing of Liquid Orals at **M/s. TRENDEZ PHARMACEUTICALS**, Coimbatore, Tamil Nadu, for a period of one and half months.
- **Practical Training** in the manufacturing of Tablets, Capsules & Ointments at **M/s. STANPRO PHARMACEUTICAL LTD.**, Coimbatore, Tamil Nadu, for a period of one and half months.

AREA OF RESEARCH

- Novel Drug Delivery Systems
- Analytical Method Development and Validation of Pharmaceutical Dosage Forms
- Anti-inflammatory activity studies on some medicinal plants.

R&D PROJECT CARRIED OUT

M.S. University Project Seed money (2010-2011)

Amount: Rs. 15, 000/-

Title: “Design and Evaluation of Aceclofenac Floating Oral Drug Delivery System”

Status: Completed & published the findings in the reputed International journal.

RESEARCH GUIDANCE

- i) B.Tech. (Pharm.Engg. & Tech.) Students Project work : **05**
- ii) M.Sc. Students Project work : **35**

PUBLICATIONS

Journals:

INTERNATIONAL 31

- 31.** Jaswanth, A, **Chenthilnathan, A** and Subramanian, E, Development and Validation of Analytical Method for Quantitative Determination of Drugs by HPLC - A Review, *International Journal of Pharmaceutical Research and Applications*, 2024, 9(2): 1082-1088.
- 30.** A. Chandra Prabha, M. Sankar and **A. Chenthilnathan**. Development and Validation of a Stability Indicating RP-HPLC Method for the Determination of Piroxicam in Pharmaceutical Dosage Form. *International Journal of Chemistry and Pharmaceutical Sciences*, 2016, 4(7): 296–301.
- 29.** A. Karthika, K. Rama and **A. Chenthilnathan**. RP-HPLC method development and validation for quantification of darunavir ethanolate in tablet dosage form. *Der Pharmacia Lettre*, 2016; 8(5):291-296. **(IF – 1.96)**

28. B. Jebaslinhepzybai, C. Velmurugan and **A. Chenthilnathan**. Validation of the RP-HPLC method for analysis of captopril in pharmaceutical tablets. *Der Pharmacia Sinica*, 2016; 7(4):1-6. **(IF – 0.654)**
27. I. Arulraj, P. Vembu and **A. Chenthilnathan**. Development and Validation of RP-HPLC Method for the Estimation of Sitagliptin Phosphate in Bulk and Its Tablet Dosage Form. *International Journal of Medicine and Pharmaceutical Research*, 2016; 4(3): 139-143.
26. P. Rajamathi, **A. Chenthilnathan** and A. Sathish babu. Development and validation of RP-HPLC method for the quantitative determination of Fexofenadine hydrochloride in tablet dosage form. *International Journal of Research in Pharmacy and Life Sciences*, 2014; 2 (2): 185-190.
25. T. Jeyalakshmi, **A. Chenthilnathan** and A. Vairamani. Development and validation of RP-HPLC method for simultaneous estimation of vitamins B1, B3, B5 and B6 in multi vitamin injection. *Int. J. Pharm. Phytopharmacol. Res.*, 2014; 4 (2): 89-94. **(IF – 0.852)**
24. N. Sivakumar, **A. Chenthilnathan** and A. Vairamani. Development and validation of RP-HPLC Method for the quantitative determination of Diclofenac sodium in pharmaceutical dosage form. *International Journal of Pharmaceutical Research and Biomedical Analysis*, 2014; 3(2): 20-30.
23. A. Sankara Avudaiappan, **A. Chenthilnathan** and S. Vikraman. Development and validation of simultaneous determination of Vitamins B₁, B₂, B₃, B₆ and Folic acid in multivitamin tablet by RP-HPLC. *International Journal of Chemistry and Pharmaceutical Sciences*, 2014; 2(7): 934-943.
22. N. Seethalakshmi, **A. Chenthilnathan** and K.Rama. RP-HPLC method development and validation for simultaneous estimation of Metronidazole, Clindamycin phosphate and Clotrimazole in combined pharmaceutical dosage forms. *Int. Res J Pharm. App Sci.*, 2014; 4(2):67-77.
21. C. Iniya, **A. Chenthilnathan** and V. Vidyasagar. Process validation of Aspirin 75 mg tablets. *Journal of Pharmaceutical and Biomedical Analysis Letters*, 2014; 2(2): 112-117.
20. K. Megala, **A. Chenthilnathan** and A.S. Babu. Validated RP-HPLC method for simultaneous determination of Telmisartan and Hydrochlorothiazide in pharmaceutical formulations. *Int. J. of Pharm. Res. & All. Sci.*, 2014; 3(3): 33-40.
19. R. Prabakaran, **A. Chenthilnathan** and S. Vikraman. Validation of simultaneous determination of Vitamin A acetate and Vitamin E acetate in multivitamin tablets by RP-HPLC. *International Journal of Pharmaceutical, Biological and Chemical Sciences*, 2014; 3(2): 27-34.
18. L. Jebelsy Lalitha, **A. Chenthilnathan** and V. Vidyasagar. Process validation of Clopidogrel bisulphate 75 mg tablets. *Der Pharmacia Lettre*, 2014; 6 (3): 72-78. **(IF – 0.5)**

17. T. Thirumalai Selvi, **A. Chenthilnathan** and V.V. Kamalakannan. Quantitative estimation and validation of Isotretinoin in pharmaceutical dosage forms by RP-HPLC. *Int. J. of Pharmacy and Analytical Research*, 2014; 3(2):233-240.
16. M. Rajeswari, **A. Chenthilnathan** and K. Rama. Validated RP-HPLC method for simultaneous estimation of Tadalafil and Dapoxetine hydrochloride in combined pharmaceutical dosage forms. *Int J Pharm Bio Sci.*, 2014; 4(2):72-82.
15. J. Vinod and **Chenthilnathan A.** Qualification of equipment: Saizoner Mixer Granulator, Compression Machine and Coating Pan. *Advance Research in Pharmaceuticals and Biologicals*, 2013; 3(2):438-443.
14. **Chenthilnathan A**, Lingaselvi R, Vidyasagar V. Process validation of Diclofenac sodium, Paracetamol and Chlorzoxazone tablets. *Int. J. Pharm & Ind. Res.*, 2013; 3(2):172-179. **(IF – 0.29)**
13. V. Muthulakshmi, K. Rama and **A. Chenthilnathan**. Simultaneous quantitation and validation of Salbutamol sulphate, guaifenesin and ambroxol hydrochloride by RP-HPLC in combined liquid dosage form. *Int.J.Inv.Pharm.Sci.*, 2013; 1(2):107-123.
12. J. Vinod and **A. Chenthilnathan**. Formulation development and evaluation of taste masked Cefuroxime axetil dry suspension. *Der Pharmacia Sinica*, 2013; 4 (2): 98-103.
11. J. Vinod and **A. Chenthilnathan**. Formulation, Optimization and In-Vitro evaluation of Felodipine extended release matrix tablets, *Indo American Journal of Pharm Research*, 2013, 3(3): 1178- 1188. **(IF – 0.85)**
10. J. Vinod and **A. Chenthilnathan**. Formulation and In-vitro evaluation of immediate release tablets of Losartan potassium using superdisintegrants. *Journal of Biochemical and Pharmaceutical Research*, 2013; 2 (2): 25-30.
09. Vinod J, **Chenthilnathan A**, Vijayakumar S. Formulation and evaluation of modified release matrix tablets of Trimetazidine Dihydrochloride. *International Journal for Pharmaceutical Research Scholars*, 2013; 2 (1): 106-112. **(IF – 1. 0285)**
08. S. Gopalakrishnan and **A. Chenthilnathan**. Niosomes – A Novel Drug Delivery Device. *Res. J. Pharm., Biol. Chem. Sci.*, 2012; 3 (3): 1090-1098.
07. C.K. Dhanapal, R. Manavalan, N. Chandar and **A.Chenthilnathan**. Formulation development of pediatric Rifampicin oral suspension. *Der Pharmacia Lettre*, 2012; 4 (3): 845-853. **(IF – 0.5)**
06. S. Gopalakrishnan, T.A. Chitra, A. Aruna and **A.Chenthilnathan**. Development of RP-HPLC method for the simultaneous estimation of ambroxol hydrochloride, cetirizine hydrochloride and antimicrobial preservatives in combined dosage form. *Der Pharma Chemica*, 2012; 4(3): 1003- 1015. **(IF – 0.73)**
05. S.Gopalakrishnan, B.Jeyashree, A. Ramalakshmi and **A.Chenthilnathan**. Analytical method development and validation for the determination of Levetiracetam in pharmaceutical formulations by using RP-HPLC. *Der Pharmacia Lettre*, 2011; 3 (3): 194-201. **(IF – 0.5)**

04. S.Gopalakrishnan, B.Jeyashree, S.Backialakshmi and **A.Chenthilnathan**. A new validated RP-HPLC method for the estimation of Clobazam in tablet dosage form. *Asian J. Research Chem.*, 2011; 4 (6): 882-886.
03. S.Gopalakrishnan, B.Jeyashree, M. Thenmozhi and **A.Chenthilnathan**. Development and validation of new RP-HPLC method for the estimation of Granisetron Hydrochloride in bulk and pharmaceutical dosage form. *J. Chem. Pharm. Res.*, 2011; 3(3):470-476. **(IF – 0.9)**
02. Gopalakrishnan S and **Chenthilnathan A**. Formulation and in vitro evaluation of Aceclofenac oral floating tablets. *Research J. Pharm. and Tech.*, 2011; 4 (4): 642-645.
01. Gopalakrishnan S and **Chenthilnathan A**. Floating drug delivery systems: A Review. *Journal of Pharmaceutical Science and Technology*, 2011; 3 (2): 584-554.

BOOKS

- Research papers abstracts published in the **proceedings of the “Tenth Tamil Nadu Science Congress”** held at Manonmaniam Sundaranar University, Tirunelveli from 21st May to 23rd May 2010 by Kalaingar Pathippagam, Chennai. **(ISBN: 978-93-80627-17-5)**

CONFERENCES/SEMINARS ORGANIZED (NATIONAL)

As a Convener	1
As a Member, Organising Committee	6

CONFERENCES/SYMPOSIA/WORKSHOPS/WEBINARS ETC., PARTICIPATED

National	50
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SPECIAL TRAINING UNDERGONE

- Orientation Programme, UGC- HRDC (ASC), Sri Venketeswara University, Tirupati -517 502, Andhra Pradesh from 27.02.2017 to 25.03.2017.
- Faculty Development Skill-based Training Program on “e-Literacy” organized jointly by ICT Academy of Tamil Nadu and M.S.University, Tirunelveli – 627 012 between 23rd and 25th June 2011.
- “Train the Trainers programme on Soft Skills” organised jointly by Confederation of Indian Industries (CII), Chennai & M.S.University, Tirunelveli – 627 012 between 24th and 26th September 2008.

AWARDS

- Received “**First Rank Certificate**” from Annamalai University, for securing first marks in M.Pharm Degree Examinations of May 2004.
- Received “**Tamil Nadu Government Ramasamy Padayatchiar Endowment Merit Award**” for securing highest marks in M.Pharm Degree Examinations of May 2003.
- Qualified and secured **88.65** Percentile score in “**GATE - 2002**” (Pharmaceutical Sciences) Examinations.