

## FACULTY DATABASE

Name: SENTHILRAJ . R

Designation: ASSOCIATE PROFESSOR,

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Area: Pharmacy

Affiliation: Dr.M.G.R. Educational and Research Institute, Deemed to be University, Maduravoyal, Chennai – 600095, Tamil Nadu



### EDUCATION

Sl.No.	Course	Department	Affiliation
1	Ph.D	Department of Pharmacy, Annamalai University	Annamalai University Chidambaram
2	M.Pharm	College of Pharmacy, Sri Ramakrishna Institute of Para Medical Sciences, Coimbatore.	The Tamil Nadu Dr. M.G.R. Medical University, Chennai
3	B.Pharm	Arulmigu Kalasalingam College of Pharmacy, Srivilliputhur.	The Tamil Nadu Dr. M.G.R. Medical University, Chennai

### OTHER DETAILS

**Courses:** Pharmaceutical biotechnology

**Research Interest:** screening of Industrial important isolates

### Publications

1. Senthilraj.R, Dr.K.Saravanan, Masilamani.K, Basic aspects of Pharmaceutical Microbiology,Rubatos Publishers.Vol.1(1) 2021
2. Anand Babu , Karpagavalli1, Divakar.B, Poojavarshini.M, Senthilraj. R, Formulation and evaluation of zolpidem tartrate bilayered tablets. High technology letters Volume 27, (10), 420-427, 2021.
3. Masilamani.K, Vigneshwar.M, Senthilnathan.B, Manvizhi.K, Senthilraj.R Formulation and Evaluation of N-Acetyl Cysteine Liposomes. High technology letters Volume 27, (6), 230-239, 2021.
4. Senthilraj.R, Swetha.V, Masilamani.K, Harikrishnan.N, Review on antimicrobial methods and their current needs. High technology letters Volume 27, (6), 5-14, 2021.

5. Senthilraj. R, S. Kavitha, A. Haripriya, M. Tharunkumar, A. Santhosh. Screening of antibacterial activity of nonsteroidal anti- inflammatory drugs against selected pathogens. *Drug Invention Today*. 14 (5 ) 692-696, 2020.
6. Senthilraj R, Gejalakshmi S., Tharunkumar M., Santhosh A., Lokesh V., Tanisha B. A. Screening of multi bioactive metabolites producing microorganism from garden soil of Dr. M. G. R Educational and Research Institute, Chennai, *International Journal of Current Pharmaceutical Research* 12(3), 87-90, 2020.
7. Gejalakshmi S., R. Senthilraj, tanisha B. A., Sruthi S., Tharun kumar M., Pooja G. Phytochemical screening and antimicrobial activity of *Azadirachta indica* and *Plectranthus amboinicus* extract, *International Journal of Current Pharmaceutical Research* 12(1) 14-17 2020.
8. K. Madiha Banu , **R. Senthilraj** , R. Kowsalya, P. Balaji , M. Monalisa , B. Lavanya, A. Maheshwaran, Screening of Industrial Important Soil Microorganism, *Asian Journal of Research in Pharmaceutical Sciences and Biotechnology*. 6(1), 2018.
9. B. Lavanya, G. Vinoth, K. Vimal, B. M. Yamine, A. Maheswaran and **R. Senthilraj** Synergistic antimicrobial effect against microbes inducing Putrescent in perspiration, *Pharma science monitor. An International Journal of Pharmaceutical Sciences*. 8(3) 2017
10. Balaji P., **Senthilraj R.**, Janakiraman K., Venkatachalam V., Sivakkumar T. and Kannan K. preliminary phytochemical screening and antimicrobial activity of aqueous extracts of *enicostema axillare* leaves and *toddalia asiatica* root bark, *Pharma science monitor. An International Journal of Pharmaceutical Sciences*. 7(02) 2016.
11. **Rajapandi Senthilraj**, Ganduri Sathyanarayana Prasad, Kunchithapatham Janakiraman, Sequence-based identification of microbial contaminants in non-parenteral products, *Brazilian Journal of Pharmaceutical Sciences*. vol. 52, (02), apr./jun., 2016.
12. **Rajapandi Senthilraj**, Ganduri Sathyanarayana Prasad and Kunchithapatham Janakiraman, Microbiological examination of pharmaceutical raw materials, *Der Pharmacia Lettre*, 7 (10):72-75, 2015.
13. **R.senthilraj**, Dr.G.S.Prasad, Dr.K.Janakiraman Development of microbial quality control protocols for non parenteral products, *Pharma science monitor. An International Journal of Pharmaceutical Sciences*. 5(3) 2014

14. T.V.Thulasiramaraju, A.Arunachalam, V.Pallavi, G.Venkatarami reddy, **R.Senthil Raj**, K.Srikanth. Formulation and Stability Studies of Carbamazepine Extended Release Tablets, International Journal of Biological & Pharmaceutical Research.3 (1), 105-108. 2012
  
15. A.Arunachalam, M.Karthikeyan, Kishore Konam, Pottabathula hari Prasad,S.Sethuraman, **R.Senthilraj**. Preparation and invitro evaluation of solid dispersion of piroxicam with HPMC K100 M by using spray drying technique. Journal of Global Trends in Pharmaceutical Sciences,Vol.2, (1), 11-21,**2011**.
  
16. S. Sethuraman, A. Arunachalam, M. Karthikeyan, Kishore Konam, Pottabathula Hari Prasad, **R.Senthilraj**. Formation and characterization of solid Dispersion of Piroxicam International Journal of Preclinical and Pharmaceutical Research Vol. 2, (1) 2011.
  
17. Shrinivas gopal hukeri, Jayachandran.D.L, Jeganath.S, Praveen Kumar.T, Vinay Kumar.D, **Senthilraj.R**, M.Madhavi. Preparation and evaluation of extended release tablets of carbamazepine with HPMC K4M Journal of Global Trends in Pharmaceutical Sciences,Vol.2, (2),143-159,2011.
  
18. S. Sethuraman, A. Arunachalam, M. Karthikeyan, S. Ashhutosh Kumar,S. Manidipa, **R. Senthilraj** Antimicrobial sensitivity profile of *Serratia marcescens* strains isolated in government general hospital, Nagapattinam, tamilnadu, India. International Journal of preclinical and Pharmaceutical Research vol 2,(1), 2011.
  
19. **R. Senthilraj** , A. Arunachalam, S. Sethuraman, Kishore Konam,Pottabuthaula hari Prasad, M. Karthikeyan, Aanalgesic from natural source review. JPBMS-Journal of Pharmaceutical and Biomedical sciences.Vol-1(6) 2010.
  
20. Arunachalam, N. Venkatesan, **R.Senthilraj**, G.Vijayajkumar. M.Karthikeyan, S. Ashutoshkumar Phytopharmacognostical properties of *Ficus racemosa* Linn International Journal of comprehensive Pharmacy, 3 (08) 2010.
  
21. S.Ashutoshkumar, A.Arunachalam, M.Karthikeyan, S.Manidipa, V. Ravishankar, **R.Senthilraj**. Design and evaluation of sustained release tablet of telmisartan Pharma science monitor. An International Journal of Pharmaceutical Sciences. 2010.

### **Working Papers**

1. Synergistic antimicrobial activity of Non Antibiotics
- 2 screening of Industrial important isolates from soil

## ACADEMIC EXPERIENCE

S.No.	Name of the Institution	From	To	Years of Experience
1.	Faculty of Pharmacy, Dr MGR Educational and Research Institute, Velappanchavadi, Chennai	June 2019	Till now	2.5 yrs
2.	College of Pharmacy, Jaya College of Paramedical Sciences, Thiruninravur, Chennai,	Feb 2016	May 2019	3.5 yrs
3.	Annamalai University, Chidambaram	Oct 2012	Dec.2015	3.5 yrs
4.	SSRCP College of Pharmacy, Mahabubnagar.	Dec 2011	Mar 2012	0.5 yrs
5.	Vikas College of Pharmacy, Jangoan.	Aug 2010	Nov 2011	1.5 yrs

## OTHER PROFESSIONAL EXPERIENCES

1. Worked as community Pharmacist
- 2 Journal reviewer for Asian Journal of Research in Pharm.Sciences & Biotechnology

## ACHIVEMENTS AND AWARDS

1. Secured II rank in B.pharm III year in Arulmigu Kalasalingam College of pharmacy examination held by The TamilNadu Dr. M.G.R. Medical University. During August -2005
2. Worked as a research fellow Under UGC-MRP Funded Project from 2012 to 2015 in Annamalai University, Chidambaram.