

KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

(Accredited with A+ Grade by NAAC in the Second Cycle)

Pollachi Main Road, Eachanari Post, Coimbatore – 641 021

BIODATA

1. Name of the Faculty with qualification: Dr. S. Hemalatha, M. Pharm. Ph.D
2. ID Card No. : U3139
3. Designation : Professor
4. Department : Pharmacy Practice
5. Date of Birth : 25-05-1984
6. Gender : Female
7. Date of Joining : 04-10-2024



8. E-mail ID :

Sl.No.	Degree	Subject	College/School name	University	Date of Passing
1.	Ph.D	Pharmacy	Karpagam Academy of Higher Education, Coimbatore	Karpagam Academy of Higher Education, Coimbatore	10.07.2024
2.	M.Phil				
3.	PG	Pharmacy Practice	Periyar college of Pharmaceutical Sciences, Trichy	The Tamilnadu Dr.M.G.R.Medical University Chennai	April 2009
4.	UG	B.Pharmacy			August 2005
5.	+2	State Board of Tamilnadu	Vailankanni Raj Matriculation Higher Secondary School, Trichy, Tamilnadu	State Board of Tamilnadu	March 2001
6.	10	State Board of Tamilnadu	Periyar Manniammai Girls Higher Secondary School, Trichy, Tamilnadu	State Board of Tamilnadu	March 1999
7.	SLET/NET / SET				
8.	Others				

9. Teaching Experience (in years)

: University: College: -14 Years

Position held	Name of the College / University	Duration		Years of experience
		From	To	
Professor	Nandha College of Pharmacy	08.08.2021	Till Date	3 years 1 month
Associate Professor	Nandha College of Pharmacy	06.06.2017	07.08.2021	4 years 2 months
Assistant Professor	Nandha College of Pharmacy	08.09.2014	05.07.2017	2 Year 10 months

Lecturer	Periyar College of Pharmaceutical Sciences For Girls, Trichy	03.08.2009	04.08.2013	4 years
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10. Industrial Experience (in years) :
11. No. of Publications : 29 SCI/WoS:04
Scopus:11 Peer reviewed:15
12. No. of Papers Presented in the Conference/: International: 03 National Seminar-03
13. No. of Conference/Seminars attended: 15
14. Details of Research Grants/ Projects received:
15. Patents: 3
16. Consultancy services offered :

Publication Details:

- Selvaraj H, Damadarosamy K, Kiruthiga N, Rani KR, Duraisamy K, Dhanasekaran M, Deruiter J, Ren J, Thangavel S, Parise R. Critical clinical evaluation of Covid-19 patients with tuberculosis in the Indian sub-continent. *Current Drug Safety*. 2023 Aug 1;18(3):276-83.
- Radhakrishnan R, Selvaraj H, Chidambaram K, Arshav KV, James A, Thangavel S. Prevalence of Depression and Anxiety Disorders Among Cancer Patients: An Insight from a Single Institute. *Cureus*. 2023 Aug 1;15(8).
- Selvaraj H, Dhamotharaswamy K, Duraisamy K. Screening and Treatment Outcome of Multidrug Resistant Tuberculosis: A Cross-Sectional Study from District of Tamilnadu.
- Dhamotharaswamy K, Selvaraj H, Lakshmanaperumal P, Sasankan AS, Thangavelu P, Thangavel S. Diabetes and TB: Confluence of Two Epidemic and Its Effect on Clinical Presentation. *Current Diabetes Reviews*. 2024 Jan 1;20(1):59-66.
- Dhamotharaswamy K, Selvaraj H, Chidambaram K, Dhanasekaran M, Duraisamy K, Khan NA, Thangavel S. An impactful prospective study on pulmonary tuberculosis in geriatric populations besides its clinical outcomes and implications in the Indian subcontinent. *European Review for Medical & Pharmacological Sciences*. 2024 Jan 1;28(1).
- Vivekanandan L, Thangavelu P, Murugesan J, Selvaraj H. Role of Sapindus emarginatus Pericarp Extract in Gut Serotonin Level and its Emetic Activity in Animal Models. *Current Bioactive Compounds*. 2024 Jan 1;20(1):2-9.

Book Chapters

- Gounder PS, Ponnusamy S, Hemalatha S, Alharbi HF, Mohandoss K, Bhupathyaaj M. Role of Artificial Intelligence (AI) Drug Discovery and Development. In *Artificial intelligence in Pharmaceutical Sciences 2023* Nov 23 (pp. 54-73). CRC Press. (Taylor & Francis)
- Gounder PS, Ponnusamy S, Selvaraj H, Ganesh M, Chacko L, Alharbi HF, Rajamani YS. Artificial Intelligence in Pharmaceutical Healthcare. In *Artificial intelligence in Pharmaceutical Sciences* (pp. 74-95). CRC Press. (Taylor & Francis)
- Marshall L, Lynn G, Pathak S, Liu K, Govindarajulu M, Kumar AH, Alharbi HF, Selvaraj H, Dhanasekaran M. Artificial Intelligence: Its Critical Role in the Diagnosis, Prophylaxis, and Therapy of Epilepsy. In *Application of Artificial Intelligence in Neurological Disorders 2024* Jul 1 (pp. 87-106). Singapore: Springer Nature Singapore. (Springer)

Patent

- Smart medicine Dispenser with Multiple Tablet Organiser: Dr. Srinivasan Ramamurthy, Ms. Hemalatha Selvaraj, Dr. Albar Ahmed Quershi, Dr. Rajalakshmi Vasudevan, Dr. Geetha Kandasamy, Ms. Menaka Kaliyan, UK Patent -Design, 2023, 6327125

- Design, Synthesis and Biological Evaluation of Cyclin kinase 2 Modulator in osteosarcoma therapy. Thangavelu Prabha, Thangavel SivaKumar, Pradeep Kumar MR, Hemalatha Selvaraj. Indian - Product Patent, 2024