

## FACULTY PROFILE

**Name:** P.V.Hemalatha  
**Designation:** Principal  
**Area of specialization:** Pharmaceutical Chemistry  
**Total years of Experience :** Teaching Cum Research : 14 years



**Area of research:** Design and synthesis of hydrazide schiff bases as antimicrobials, anthelmintic and antitubercular drugs  
Analysis of drugs by using instrumental methods applying chemometrics

### **Educational Qualification**

Degree & Year of passing	Name of institution	University
B.Pharm (1999)	Sri Ramakrishna Institute of Paramedical Sciences	The TN Dr.MGR Medical University , Chennai
M.Pharm (2010)	Madras Medical College, Chennai	

### **Continued educational programme:**

Attended and obtained certificate from NPTEL (National Program on Technology Enhanced learning): Spectroscopic techniques for Pharmaceutical and Biopharmaceutical industries.

### **Research experience:**

UG projects guided : 6  
PG projects guided : 1  
Number of Workshop/ FDP attended : 4/4  
No. Posters presented : 4  
Number of Publications : National : 2 International : 11

Few Research Publications:

1. Evaluation of gastro protective potential of the whole plant of *Hemigraphis colorata*  
*International journal of Advanced Biological Research*
2. Synthesis, characterization and antimicrobial screening of some salicyl hydrazide Schiff bases  
*World Journal of pharmacy and pharmaceutical Sciences*
3. An LC- MS/MS method for the determination of omeprazole on proton pump inhibitor in human plasma.  
*Indonesian Journal of Pharmacy*
4. Quantitative NMR spectrophotometric method for the estimation of Valsartan in bulk and tablet dosage form  
*Asian journal of chemistry*
5. Visible spectrophotometric method for the estimation of cinitapride and pantoprazole  
*International journal of Pharmacy and Pharmaceutical Sciences.*
6. Colorimetric method for the estimation of cinitapride and pantoprazole in bulk and tablet dosage form  
*Research journal of pharmacy and technology*
7. RP-HPLC method development and validation for the estimation of cinitapride and pantoprazole in bulk and tablet dosage form.  
*Asian journal of research in chemistry*
8. Development and *invitro* evaluation of mucoadhesive buccal tablets of domperidone -  
*Research Journal of Pharmacy and technology*
9. Development and validation of RP-HPLC method for the estimation of Rifaximin in Bulk and tablet dosage form.-*Asian Journal of Pharma and Clin Research.*
10. Spectrophotometric estimation methods for Rifaximin in tablet dosage form  
*International journal of Pharmacy and Pharmaceutical Sciences.*

**Extra-Curricular Activities:** (Teaching/ Social/Cultural)

Activity	Organizer/ University/ College	Place
Internship training at Medopharm for VII Sem B.Pharm students	Medopharm	Chennai
Arranged for Laboratory visit (NFDD)– VII sem B.Pharm students	Anna university Trichy Campus NFDD	Trichy
Skill development training Programme for students For VII sem B.Pharm For 30 students Motivated and organized the students for the programme	CECRI-CSIR KARAIKUDI Topic: Chromatography and Thermal Analysis. 19.09.2022 to 23.08.2022	Karaikudi
Skill development training Programme for students	CECRI-CSIR KARAIKUDI Topic: Surface and structural	Karaikudi

For VII sem B.Pharm 30 students Motivated and organized the students for the programme	analysis 01.08.2022 to 05.08.2022	
Local Hospital visit for D.Pharm and B.Pharm students ( blood bank, biochemistry lab at hospital)	Tiruppur Govt. hospital, Tiruppur, Tamilnadu	Tiruppur hospital-
Local Industrial Visit for D.Pharm Students to Aavin Diary Erode	Aavin Diary Erode	Aavin Diary Erode