

## FACULTY DATABASE

Name: Mrs.S.Shalini

Designation: Associate Professor

Department: Pharmaceutical Chemistry

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Affiliation: Faculty of Pharmacy, Dr.M.G.R. Educational & Research Institute, Velappanchavadi, Chennai-600077



### EDUCATION

Sl.No.	Course	Department	Affiliation
1	M.Pharm	Pharmaceutical Chemistry	The Tamilnadu Dr.MGR Medical University.
2	B.Pharm	Pharmacy	The Tamilnadu Dr.MGR Medical University.

### OTHER DETAILS

#### Courses:

- MS word, MS Excel

**Research Interest:** Synthetic Chemistry and Phytochemical isolation

#### Publications

##### *Published Papers*

- M.A. Azam, B.R.P. Kumar, **S. Shalini**, B. Suresh, T.K. Reddy, C.D. Reddy. Synthesis and Anticancer screening of some 5- [(4, 6-disubstituted pyrimidin-2-yl) thiol] derivatives, *Indian Journal of Pharmaceutical Sciences*, 2008, 70 (5), 672-676.
- Synthesis and antimicrobial activity of some 6-arylidene-3-aryl[2,3,3a,4,5,6]hexahydrocyclopenta[c]pyrazoles/oxazoles, Md. Afzal Azam, B.R.Prasanth Kumar, **S. Shalini**, B. Suresh, *Indian J. Heterocyclic Chem.*, Dec' 2008, 18, 157-160

- Manisha Mishra, P. Muthu Prasanna, K. Suryaprabha, G. Arunachalam, **S. Shalini**. Basics and potential applications of surfactants – A review, *International Journal of Pharm Tech Research*, 1: 2009, 1354-1365.
- **S. Shalini\***, Shaik Firoz. Study on the anti- inflammatory activity of *Heliotropium indicum*, *Journal of Innovative Trends in Pharmaceutical Sciences*, 1:2010, 43-46.
- **S. Shalini\***, G. Arunachalam, A. Saravana kumar. Anti-diabetic, anti-hyperglycemic and anti-oxidant activities of *cansjera rheedii* in alloxan induced rats, *Pharmacologyonline*, 2: 2010; 1054-1071.
- **S. Shalini\***, P. Mohan, P. Ramesh babu, K. Swapna, K. Swathi, S. Chandrika. Antiepileptic activity of *Enicostema axillare* against MES and PTZ induced seizures in rats, *International Journal of Innovative Pharmaceutical Research*, 2011, 2(1), 94-97.
- **S. Shalini\***, A. Saravana Kumar, Effect of *Enicostema axillare w.p* Extract on Neurotransmitters Concentrations in Rat Brain after Induction of Seizures, *International Journal of Experimental Pharmacology*, 2011, 1(1), 7-11.
- **S. Shalini\***, A. Saravana Kumar, Effect of *Enicostema axillare* extracts on antioxidant enzymes levels in rat brain after induction of seizures by MES and PTZ. *International Journal of Current Pharmaceutical & Clinical Research*
- **S. Shalini\***, A. Saravana Kumar, Study on phytochemical profile and Antiulcerogenic effect of *Casuarina equisetifolia (L.)*, 2011, 1(1), 12-17.
- **S. Shalini\***, N Harikrishnan, C N Hemalatha, Novel Antihyperglycemic agent- Tenegliptin, High technology letters, June 2021, Vol 27, Issue 5, 414-421.
- **S. Shalini\***, N Harikrishnan, C N Hemalatha, Evaluation of Antibacterial activity in Biosynthesized silver Nano particles, High technology letters, June 2021, Vol 27, Issue 6, 491-497.
- **S. Shalini\***, N Harikrishnan, Role of Chloroquine and Hydroxychloroquine in the treatment of life-threatening Pandemic Covid-19, International journal of Pharmaceutical Research, Jul-Sep 2021, Vol 13, Issue 13, 1389-1394.
- **S. Shalini\***, N Harikrishnan, R sakthi, C sanjay kumar, Statistical analysis of Monkey pox virus in india, May 2023, Vol 8, Issue 5.
- Magesh M, **S. Shalini**, Insilico Evaluaton of Anticholinesterase activity of Novel Acridine scaffolds, European chemical Bulletin, 12 (Regular issue 6), 2023, 203-222.

### **Working Papers / Projects**

- A Prospective Observational Study on drug Utilisation Pattern in Cardiovascular Patients in a Multispeciality Hospital

### **ACADEMIC/ INDUSTRY EXPERIENCE**

<b>S.No.</b>	<b>Name of the Institution/Industry</b>	<b>From</b>	<b>To</b>	<b>Years of Experience</b>
1.	Faculty of pharmacy, Dr.MGR Educational and Research institute , Chennai-77	Feb 2020	Till date	03 yrs 7 months
2.	Bharath faculty of pharmacy, BIHER, Selaiyur, Tambaram	Sept 2019	Feb 2020	05 months
3.	School of Pharmacy, PRIST university, Chennai.	Sept 2018	Sept 2019	01
4.	Sai Mirra Innopharm, Ambattur, Chennai	Apr 2017	Aug 2018	01
5.	Sree Vidyanikethan College of Pharmacy, A.P	Mar 2008	Feb 2016	08
6.	Rao's college of pharmacy, A.P	Mar 2007	Mar 2008	01

### **OTHER PROFESSIONAL EXPERIENCES**

UV spectrophotometer, IR spectrophotometer, Flame photometer, Dissolution Profiling

### **PROFESSIONAL MEMBERSHIP**

Lifetime membership in Indian pharmaceutical Association (AP/TIR/LM/0044)

### **ACHIEVEMENTS AND AWARDS**

Gate qualified "2003" and received JRF (New Delhi)