

FACULTY DATABASE

Name: **Mrs.S. Gejalakshmi**

Designation: Vice Principal Cum Associate Professor

Mail Id: gejalakshmi.pharm@drmgrdu.ac.in

Area: Pharmacy

SPECIALIZATION: Pharmaceutical Chemistry

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	Pharmaceutical sciences (ongoing)	Dr.M.G.R.Educational and Research Institute
2	M.Pharm	Pharmaceutical Chemistry	Vels University
3	B.Pharm	Pharmacy	The Tamil Nadu Dr.M.G.R. Medical University, Guindy

OTHER DETAILS

Courses:

- Completed Short term course on a tool for pharmaceutical biotechnology and drug discovery
- A Drug discovery –an approach to cheminformatics smart tool for empowering chemistry research
- A smart tool for empowering chemistry research
- Docking study by using softwares like Molegro, Argus lab and Schrodinger

OBJECTIVE STATEMENT /Research Interest:

Publications

Published

1.National publications: Published 32 papers in Scopus Indexed Journals, Web of Science and Google scholar citations.

1. Gejalakshmi, Harikrishnan, Thillai Govindarajan, Divyasri, Review on Medicinal Importance of *Moringa Olifera* Leaf for Treating Anemic Conditions, International Journal of Life science and Pharma Research, 11(2)174-180, 2021

2. Gejalakshmi, Harikrishnan, Anas Mohamied, Design Synthesis and Invitro Screening of New Analogues from Quercetin Lead-A Potential Candidate as Antidiabetic, International Journal of Pharmaceutical research, 13(3)1157-1163, 2021
3. **S. Gejalakshmi ***, Harikrishnan. N A Prespective View of Clitoria ternatea and its Pharmacological importance, High Technology Letters ,27 (5)443-451, 2021
4. **S. Gejalakshmi ***, Harikrishnan. N, S. Kayalvizhi, Medicinal aspects and importance of Swertia Chirata, High Technology Letters 27(5)510-517, 2021
5. **Gejalakshmi**, Harikrishnan, Anas Mohamied Molecular docking study of gallic acid to treat diabetes mellitus, Journal of Medical Pharmaceutical and Allied sciences, 10 (5) 3689-3690, 2021
6. **S. Gejalakshmi ***, Harikrishnan. N, Divyasri, Thillai Govindarajan, Microwave assisted synthesis and Insilco screening of tetrahydropyridine derivatives for treatment of diabetes mellitus, International journal of Current Pharmaceutical Research, 12(1), 10-13, 2020
7. **S. Gejalakshmi ***, N. Harikrishnan, Tanisha, Tharun kumar, Phytochemical screening and antimicrobial activity of azadirachta Indica and plectranthus amboinicus extract, International journal of Current Pharmaceutical Research, 12(1), 10-13, 2020
8. **S. Gejalakshmi ***, N. Harikrishnan **A min voyage on pathogenesis of Multiple sclerosis, Drug invention today, 13(5)766-769, 2020**
9. **S. Gejalakshmi ***, N. Harikrishnan, The pathogenesis of multiple sclerosis Acta scientific pharmaceutical sciences, 4(5)15-18, 2020.
10. **S. Gejalakshmi ***, N. Harikrishnan Newer potential pharmacological targets for multiple sclerosis, Journal of pharmaceutical sciences and research, 12(2)302-304, 2020
11. **S. Gejalakshmi**, N. Harikrishnan, Thillai govindarajan G. E, Divyasri .A. Microwave assisted synthesis and Insilco screening of tetrahydropyridine derivatives for treatment of diabetes mellitus, International Journal of Current Pharmaceutical Research, 2020:12(01), 10-13.
12. **S. Gejalakshmi**, Tanisha B.A, Sruthi S, Tharun kumar, Senthilraj R. Phytochemical screening and antimicrobial activity of azadirachta Indica and plectranthus amboinicus extract. International Journal of Current Pharmaceutical Research. 2020:12(01), 14-17
13. N. Harikrishnan, Anas S. Mohamied, **S. Gejalakshmi**. Development of nanoparticulate drug delivery system from marine source against human immunodeficiency virus marine study. Asian Journal of Pharmaceutical and Clinical Research. 2020: 13(01), 38-40
14. **S. Gejalakshmi**, N. Harikrishnan. A mini voyage on pathogenesis of Multiple sclerosis. Drug invention today. 2020:13(05), 766-69.
15. **S. Gejalakshmi**, N. Harikrishnan. The pathogenesis of multiple sclerosis. Acta scientific Pharmaceutical sciences. 2020:4(05), 15-18.
16. **S. Gejalakshmi**, N. Harikrishnan. Newer potential pharmacological targets for multiple sclerosis. International Journal of Current Pharmaceutical Research. 2020:12(02), 302-304
17. **S. Gejalakshmi**, N. Harikrishnan, S. Komal. Novel coronavirus -19: A Global threat - Indian statistical Data. Acta Scientific Pharmacology. 2020:1(09), 11-15.
18. **S. Gejalakshmi**, N. Harikrishnan. Yoga a curative therapy for multiple sclerosis. International journal of research in Pharmaceutical sciences. 2020:12(2), 1-5

20. **S Gejalakshmi**, Pooja G, Tanisha B.A. Formulation and Evaluation of herbal hair oil. Drug invention today. 2020:13(01)., 186-88.
21. **S. Gejalakshmi, N. Harikrishnan**. In silico screening for alpha glucosidase inhibitors of chromone derivatives. Journal of global trends in pharmaceutical sciences. 2019:9(03)., 5738- 44.
22. **S. Gejalakshmi, N. Harikrishnan**. Molecular Docking Study of Quercetin Analogues for Treating Tumours. International journal of Pharm tech Research. 2019:12(04)., 30-34.
23. **S. Gejalakshmi, N. Harikrishnan**, Insilico screening of benzene sulfonamide derivatives for treatment of diabetes mellites. Journal of global trends in pharmaceutical sciences. 2019: 9(03)., 5738-44.
24. **S. Gejalakshmi, N. Harikrishnan, S. Komal**. A perspective study on APOBEC protein family. International Journal of Current Pharmaceutical Research. 2019: 11(06)., 15-18.
25. **S. Gejalakshmi, N. Harikrishnan**. In silico screening for alpha glucosidase inhibitors of chromone derivatives J. Global Trends Pharm Sci. 2018: 9(03)., 5738- 44.
26. **S. Gejalakshmi, N. Harikrishnan**. Synthesis of Fused Triazolo Thiadiazine Moieties Possessing Anti-inflammatory Activity. Der Pharma Chemica. 2018:10(03)., 114-17.
27. **S. Gejalakshmi, N. Harikrishnan**. Synthesis Characterization and Evaluation of Novel Substituted Azole Derivatives. Der Pharma Chemica, 2018:10(09)., 76-78
28. **S. Gejalakshmi, N. Harikrishnan**. Design, Synthesis, Characterizations and Pharmacological Evaluation of Some Novel Substituted Pyrimidine 2-one Derivatives. International journal of chemical sciences. 2018: 16 (03)., 1-5 .
29. Palayan Muralidaran, **S. Gejalakshmi**. In silico Screening of Thiazolidine 4-one Derivatives for Antitumor Activity. PTB Reports. 2017: 3(02)., 35-38.
30. Jiji, **S. Gejalakshmi**. Evaluation of erogenic activity of hydroalcoholic extract of *lemanea fluviatilis* in rats. World journal of pharmaceutical research. 2017:6(15)., 663-74.
31. **Valentina.P, S. Gejalakshmi, Maheswaran.A**. A Comprehensive Review on Current Developments of Tandem Reaction Based Organic Synthesis. Int. J. Pharm. Sci. Rev. Res. 2017: 45(02)., 165-69.
32. **Vijeyananandhi.M, S. Gejalakshmi**, Inhibitory activity of chalcone moieties on *pancreatic lipase* enzyme: a review. world journal of pharmacy and pharmaceutical sciences. 2017:6(08)., 284-94.

Working Papers/PROJECTS

1. PhD work in progress on phytochemistry and Pharmacological evaluation
2. Projects working on Medicinal herb to treat Arthritis and Anemia for final year B.Pharm students

ACADEMIC EXPERIENCE

S.No.	Name of the Institution	From	To	Years of Experience
1	Dr.M.G.R.Educational and Research Institute	2017	Till today	5 Years

2	Jaya College of Paramedical Sciences	2012	2017	5 Years
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OTHER PROFESSIONAL EXPERIENCES

- 1.Experience in handling HPLC
- 2.Experience in handling UV spectroscopy
- 3.Versatile experience in handling Argus Lab, Molegro ,Molecular Modellar and Autodock software for drug design and development
- 4.Experience in handling FT-IR
- 5.Expert in retrosynthesis and organic synthesis and microwave assisted synthesis

ACHIVEMENTS AND AWARDS

- Received Best Poster award -National Level Poster Competition SCIENWARA 2021
- Research Excellence Award-2021- Institute of Scholars award
- Received Best educationalist award from Glocal Literarcy, New Delhi 2020Received Best Poster award - National level E. Poster competition SCIENAWARA 2020- Dr.M.G.R. Educational and Research Institute, Chennai-77
- Received Best young Faculty award From DKIRF International Research Foundation-2019
- Received Best Poster award APP-Jordan International Conference-2019
- Received Best Oral Presentation awardat Heticon International Conference-2018
- Role of technology in shaping Future health care
- Received Research Grant fund award From The T.N.DR.M.G.R.Medical University ,Guindy-2016
- Received Best Academician award-Jaya Educational Institute-2016