

## FACULTY DATABASE

Name: KOMAL.S

Designation: Assistant 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	Pharmaceutical sciences (ongoing)	Dr.M.G.R.Educational and Research Institute
2	M.Pharm	Pharmaceutics	KLE University, Belgaum
3	B.Pharm	Pharmacy	The Tamil Nadu Dr. M.G.R Medical University, Chennai

### OTHER DETAILS

Courses:

- 1) Underwent training on instrument handling like GC, Infrared, HPLC and UV spectrometer and also training in QA department on topics like clean room guidelines and their **cGMP systems** as **per ICH guidelines-** 2014.
- 2) Completed NPTEL Course – AICTE approved FDP course- Drug Delivery: Principles and Engineering- JUNE 2019- DECEMBER 2019
- 3) Completed NPTEL Course – AICTE approved FDP course- Introduction to Research- Jan 2020- MAY 2020
- 4) NIDA CLINICAL TRIALS NETWORK- National Institute of Drug Abuse - Online course- May 2020.
- 5) UNDERSTANDING OPEN EDUCATIONAL RESEARCH- Commonwealth of Learning- Online course April 2020.

**OBJECTIVE STATEMENT/Research Interest:**To improve teaching and Research skills while contributing positively to its growth. Research Interest in Nanoparticles, Novel Drug Delivery, Protein based Drug delivery

## Publications

1. **S, Komal** and Harikrishnan, Narayanaswamy and Subramanian, Gejalakshmi and S, Kayalvizhi and Baskaran, Hemamalini and J, Priyanka and A, Mohan and GM, Sriram. Novel herbs and drugs for endometriosis management: A review on current and futuristic therapies International Journal of Research in Pharmaceutical Sciences. 2021: 12, 1404-14.
2. Dasankoppa, Fatima sanjeri and Sholapur, Hasanpasha and Byahatti, Andanesh and Abbas, Zaheer and **S, Komal** and Subrata, Kundu. Application of Response Surface Optimization Methodology in Designing Ordispersible Tablets of Antidiabetic Drug. Journal of Young Pharmacists, 2020:12, 173-77.
3. S Gejalakshmi, N Harikrishnan, **S Komal**. Novel coronavirus -19: A Global threat - Indian statistical Data. Acta Scientific Pharmacology.2020:1(09), 11-15.
4. Komal S and N Harikrishnan. Design, optimization, and statistical evaluation of oral reconstituted suspension of clarithromycin using ion-exchange resins. Asian journal of pharmaceutical and Clinical research.2020:13, 53.
5. M, Devi And **S, Komal** And B, Logeshwari. Preliminary phytochemistry and antidiabetic activity of portulaca grandiflora hook plant extract on streptozotocininduced diabetes in rats. Asian Journal of Pharmaceutical and Clinical Research. 2019, 87-90.
6. Subramanian Gejalakshmi, Harikrishnan Narayanaswamy and **Komal.S**. A prespective study on apobec protein family. International Journal of Current Pharmaceutical Research. 2019,15-18
7. **S, Komal** and Dasankoppa, Fatima sanjeri and Sholapur, Hasanpasha and N.G.N, Swamy and Sajjanar, V.M.Design, Optimization and Evaluation of Chewable Tablets of Clarithromycin using Ion Exchange Resins. Indian Journal of Pharmaceutical Sciences. 2016: 78.

## PROJECTS

- 1) **Ph.D.** Work in progress on Novel Drug Delivery Systems
- 2) **Completed Project- Development Of Novel Topical Polyherbal Formulation For Acne Vulgaris Treatment** DrMGRERI DST-NewGenIDEC from NSTEDB PROJECT for a term of 1 year ( September 2019-2020)
- 3) Enhancement of solubility of drugs- Project undergoing for final year students

## ACADEMIC EXPERIENCE

S.No.	Name of the Institution/Industry	From	To	Years of Experience
1.	Jaya college of Pharmacy, Chennai	17/02/2014	31/04/2015	1.2 Years
2.	Faculty of Pharmacy, Dr.M.G.R Educational and Research Institute	03/01/2018	Till date	04 Years

## **OTHER PROFESSIONAL EXPERIENCES**

1. Worked In Pharmaceutical Industry as **QUALITY CONTROL CHEMIST** for 6 months

## **PROFESSIONAL MEMBERSHIP**

1. APTI – Life membership

## **ACHIVEMENTS AND AWARDS**

- **BEST OUTGOING STUDENT** of the batch 2006 from PSG College of Pharmacy
- **BEST PERFORMANCE** in subjects Pharmacology and Pharmacognosy
- **BEST ACADEMIC PERFORMANCE** in the year 2009-2010
- **GPAT 2011** qualified with rank 3121.
- Received Best Oral Presentation award at Heticon International Conference-2018- Role of technology in shaping Future health care.
- Best e-poster award in SCIENAWARA 2021