

**Dr. Lakshmi Gayathri Makkena**

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## SUMMARY

An experienced Professor in Pharmacotherapeutics, Clinical Pharmacy and Clinical Research, currently committed to academia, with a strong interest in continuous professional development. Actively engaged in teaching, research, and academic responsibilities, while remaining open to future opportunities that support skill enhancement, interdisciplinary collaboration, and professional growth. Comfortable working in diverse and demanding academic and professional environments.

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## WORK

### **ASSISTANT PROFESSOR Grade II Oct 2020 - Present**

## HISTORY

#### *KLE College of Pharmacy*, Bangalore, India

- Expertise in teaching Pharmacotherapeutics, Clinical pharmacy and Clinical Research.
- Guide for Research projects of Pharm D students since 2020.
- Documentation of all the clinical activities like Drug information, ADR Monitoring, Interactions.
- Selected as member of KAHER Research and Development Cell Since Feb 2026.
- Selected as PG BoS member in Kaher since 2024.
- Organizer for all the department and clinical activities in college and Hospital.
- Member of Pharm D sessional Committee.
- Editorial team member for college biannual newsletter “Pharma Insight”.
- Member of different functional committees including PCI, NBA, NAAC, QCI, Contineo, Cultural Committee.
- Heading component 6 in ISAT.
- Incharge for social media.
- Mentor for Pharm D students since 2020.

### **PRECEPTOR Oct 2023 – present**

#### *ASTER RV Hospital*, Bangalore, India

- Completed the research in the dept of Emergency medicine, pediatrics and in Endocrinology
- Preceptor for Interns.

### **PRECEPTOR Oct 2020 – Oct 2023**

#### *ASTER CMI Hospital*, Bangalore, India

- Published the research work done in the antiepileptics in Pediatrics, use of Reserved Antibiotics in the ICU, and Cardiology department on drug interactions.
- Basic idea of handling the research documents.
- Preceptor of Pharm D students.
- Authoring of the plain language summaries.

### **ASSISTANT PROFESSOR Oct 2019 - Oct 2020**

#### *Saastra College of Pharmaceutical Research & Education*, Nellore, India

- Expertise in Pharmacology, Pharmacotherapeutics and Clinical Research.
- As a guide for B pharm thesis in 2019-20

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## CERTIFICATIONS

- Cleared *NPTEL* course on Health research fundamentals on September 2025.
  - Recognized *certified trainer for Pharmacovigilance – case processing* course by LSSSDC since October 2024.
  - *Comprehensive Certificate Course in Medical Writing* (CCCMW) conducted by CliMed Research Solutions, India. (MAY 6, 2022-AUG 14 2022).
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## SKILLS

- Have comprehensive knowledge on ICH-GCP and EMEA, FDA and other regulatory guidelines and Expertise in safety writing
  - Scientific data retrieval from various search engines and data bases like Science Direct, PubMed, Google Scholar and Scopus indexed journals.
  - Demonstrated understanding of clinical research, drug development process and regulatory guidelines.
  - Operating Lexicomp and Micromedex data base
  - Proficient in MS Office
  - Expertise in all Medical terminologies and Treatment chart review.
  - Providing Drug Information services
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## PROFESSIONAL CONTRIBUTIONS

### Research Publications (9)

1. Lalitha C, **Lakshmi Gayathri M**, Suhasini C Rendale, S Harshitha, Sneha Anthony Zalki and Bhuvaneshwari R, Digital eye strain in the digital age: a survey-based analysis. *Int J Med Ophthalmol.* 2025;7(2):38–43.
  2. **Dr. M. Lakshmi gayathri**, Dr. Harishri Kumar Vasani, Dr. Sharon M, Dr. Deepika, Dr. Kshiteej “Evaluation of prescribing pattern of Anti Epileptics in seizures for Pediatrics at Aster CMI Hospital, bengaluru-92” Obstetrics and Gynaecology forum, 2024, 34-2s: 734-742.
  3. Sanjana Chetana Shanmukhappa, Srivatsa Lokeshwaran, **Lakshmi Gayathri** et.al, “Omalizumab rescue therapy in refractory status asthmaticus” Journal of Asthma 2023, Dec;60(12): 2243-2247.
  4. **Dr. Lakshmi Gayathri M\***, K Manichandana, Priya Sharma, Akash Dey, Sonu K Kutty, Dr. Praveen Kumar “A Prospective Study on the rational use of restricted antibiotics in the ICU’s of a tertiary care hospital” European Chemical Bulletin, 2023.
  5. Dimple Pirgal\*, **Lakshmi Gayathri**, Shilpa Murthy et.al, “Formulation and evaluation of essential oils based antimicrobial hand sanitizer gel to avoid the spread of diseases” JPNR.2022, Volume 13, Special Issue 10.
  6. Reya Sara Regi, **Lakshmi Gayathri**, Niketha.v et.al, “Identification of potential drug-drug interactions in cardiology department in a tertiary care hospital” WJPR, 2022 (ISSN NO 2277-7105), Volume 11-Issue 11, Manuscript no. WJPR/25114/11/2022.
  7. Dr. N Junior Sundresh\*, Dr. S Narendran, **Lakshmi Gayathri. M** et.al, “Treatment approaches for benign tumors of major salivary glands” IJSS 2020;4(1):129-133 ISSN (P):2616-3462, ISSN(E): 3616-3470.
  8. Anisha Shaji, **M Lakshmi Gayathri**, Dr. M Ramakrishna Rao “A study on drug prescription patterns of antihypertensives in hypertension patients with related comorbidities” TPI 2019; 8 (6),1103-1108.
  9. **M. Lakshmi Gayathri\***, T. V. N. Pallavi, Dr. N. Junior Sundresh “Current surgical indications and techniques in the treatment of peptic ulcer disease” IJSAR, 2017:4(12); 10-19
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### Projects Guided (7)

- Guiding the pharm D project 2025-26 at Manipal Hospitals, Hebbal.
  - Guided the Pharm D project 2024-25 at Aster RV Hospital.
  - Guided PharmD project 2023-24 (2) at Aster RV Hospital.
  - Guided PharmD project 2022-23 entitled “Evaluation of Prescribing Pattern of AntiEpileptics in Seizures for Pediatrics at Aster CMI Hospital, Bangalore, 560092”.
  - Guided Pharm D Project 2021-2022 entitled “A Prospective Study on Rational Use of Restricted Antibiotics in ICU in a Tertiary Care Hospital, Bangalore.”
  - Guided Pharm D project 2020-2021 entitled “Potential Drug-Drug Interactions in Cardiology in A Tertiary Care Hospital” at Aster CMI Hospital, Hebbal. Bangalore.
  - Guided B pharm project 2019-2020 entitled “Study of Invitro Antidiabetic Activity and Phyto Chemical Screening Using the Leaf Extract of Solanum Trilobatum Linn” at Saastra College of pharmaceutical education and research, Nellore.
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### ADDITIONAL INFORMATION

#### **Presentations**

- A poster presentation titled “Diagnostic challenges in multisystem sjogrens syndrome: A case based clinical analysis with literature review” in 74<sup>th</sup> IPC, Bengaluru, Dec 19-21, 2025.
- An oral presentation titled “The role of Clinical Pharmacist in reducing medication related problems” at KLE IPC 2024, on 21/12/2024 at KLE College of Pharmacy, Belagavi.
- A poster presentation titled “Silent struggle: Case insights into iron deficiency without anemia in young women” at Krupacon pharma 2024, an international conference 02/02/2024 at Krupanidhi college of Pharmacy, Bangalore.
- A poster presentation titled “Is there any chance of preventing cancer by empowering and educating people?” at National symposium on pharmacy practice and clinical pharmacology on 24/11/2017 at SVIMS-SPMCW, Tirupati.

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### DISSERTATION TOPIC

- “A Study on Drug Prescription Pattern of Antihypertensives in Hypertension Patients with Related comorbidities” under guidance of Dr. Madhusudhan rao, Dr. M.Ramakrishna Rao, RMMCH, Annamalai University, Tamilnadu (2017-2018).

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### EDUCATION DETAILS

<b>DEGREE</b>	<b>YEAR</b>	<b>UNIVERSITY</b>	<b>PERCENTAGE</b>
Ph. D	2023-till date	KAHER, Belagavi, Karnataka	-
Pharm D	2013-2019	Annamalai University, Tamil Nādu	82.3%
Intermediate	2011-2013	Sri Chaitanya junior college, Vijayawada, Andhra Pradesh	92.8%
SSC	2010-2011	Montessori public school, Ongole, Andhra Pradesh	85.7%

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### STRENGTHS

- Self-confidence and ability to perform tasks independently as well as part of team
- Capacity and willing to work hard
- Positive attitude and self-motivation
- Flexibility and dedication
- Learning from previous mistakes
- Good communication skills

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### PERSONAL DETAILS

- Date of Birth: 24/02/1996
  - Nationality: Indian
  - Languages: English, Telugu, Tamil, Kannada, Malayalam
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