

## Dr. Shilpa Lekshmi L



Assistant Professor



shilpalekshmi@gmail.com

UG: N.S.S College, Pandalam, University of Kerala

PG: Calicut University Campus, University of Calicut

PhD: Mahidol University, Thailand

### Educational Qualifications (as per chronological order)

- PhD Medical Biochemistry and Molecular Biology; Specialized in Virology; Mahidol University, Thailand
- M.Sc. Biochemistry; Calicut University Campus, University of Calicut
- B.Sc. Biochemistry; N.S.S College, Pandalam, University of Kerala

### Area of Interest:

✚ Biochemistry

✚ Phytochemistry

✚ Virology

✚ Molecular Biology

### Professional Experience:

- **Industrial Experience**
  - Biochemist; Chacko Memorial Diagnostic Centre (Nov 2009 – Dec 2011)
- **Academic Experience**
  - Asst. Professor, MACFAST, Thiruvalla (Sep 2018- Jan 2022)
  - Asst Professor, Sree Buddha College of Engg. (Sep 2022 - present)

## Awards and Recognitions

- Second rank holder for UG from Kerala University
- Second rank holder for PG from Kerala University
- Graduate scholarship for doing PhD from Mahidol University, Thailand

## FDP/ WORKSHOP CONDUCTED/ORGANISED/ ATTENDED

1. “Novel Technological Advancements in Downstream processing”, Five days Faculty Development program completed on February 2023.
2. “Research methodology, scientific writing and publication ethics, Three days Faculty Development program completed on January 2023.
3. International Conference on “Smart and Green sustainable materials for Biotechnology, Biochemical and Mechanical Applications”, Three days International Conference conducted on 30th November-2nd December 2023 (Organizing Secretary)-KSCSTE funding of Rs. 1,50,000/- received.

## Courses taught at SBCE

### Theory Courses

- Biochemistry,
- Molecular Biology,
- Microbiology,
- Food Microbiology,
- Food Chemistry,
- Food Additives and Flavourings,
- Design and Engineering,
- Animal Cell Culture Technology (M.Tech)

### Lab courses

- Molecular Biology
- Food Chemistry
- Biochemistry

## Research Publications

**Shilpa Lekshmi Leela**, Chatchawan Srisawat, Gopinathan Pillai Sreekanth, Sansanee Noisakran, Pa-thai Yenchitsomanus, Thawornchai Limjindaporn, “*Drug repurposing of minocycline against dengue virus infection*”, Biochemical and Biophysical Research Communications, Volume 478, Issue 1, 2016, <https://doi.org/10.1016/j.bbrc.2016.07.029>.

## Roles and Responsibilities handled

- Internal Quality Assurance Cell criteria coordinator
- NSS Programme Officer
- Department discipline committee member
- NBA department Coordinator