

CURRICULUM VITAE

LAKSHMI PRIYA JAYAKUMAR

Panikkasheri parambu

Kalabhavan Road

Ernakulam North

Pin-682018

Mob. No. - 7909180155

Email - priyalakshmilachusss@gmail.com

Career Objective:

To secure a challenging position where I can effectively contribute and improve my skills.

Personal Profile:

Name :Lakshmi priya Jayakumar

Date of Birth :29/11/1999

Father's Name :Jayakumar .P.K

Sex :Female

Marital Status :Single

Nationality :Indian

Languages Known :English, Malayalam, Hindi

Permanent Address :Panikkasheri parambu

Kalabhavan Road

Ernakulam North. P.O,

Cochin- 682018

Phone No: : 7909180155
Email : priyalakshmilachusss@gmail.com
Hobbies : Reading, listening to music etc..

Skills

- Time management
- Good listener
- Excellent observational skills
- Adaptive to any environment
- Optimistic and sincere

Educational Qualifications:

Course	Name of the Institution	University/Board	Pass out year	% of marks
MSC. BIOTECHNOLOGY	Union Christian college, Aluva	MG university	2022	73.6
BSC. BIOTECHNOLOGY	Presentation college of applied sciences, Puthenvelikkara	MG university	2020	83.1
PLUS TWO	Gov. Girls HSS, Ernakulam South.	Kerala Higher Secondary Board	2017	86
S.S.L.C.	St Augustine High School , Ernakulam	State Board	2015	97

Electives

- Microbial food technology
- Disease and diagnostic biotechnology
- Physiology and biotechnology
- IPR and biotechnology

Technical Knowledge

- MS Office

Areas of interests

- Microbiology
- Laboratory technician
- Biochemistry
- Molecular biology

Research /project experience/s

- A 2- month project had been done on 'Genome wide identification and characterization of LBD gene family from *Piper nigrum*' at the Bioinformatics center, Kerala Agricultural University, Thrissur.
- A mini-project had been done in the subject on " Antioxidant and antibacterial screening of *Plectranthus amboinicus* " at the Unibiosis biotech research labs, Kalamassery.

Skill developed during Project

- Next generation sequencing (NGS), BLAST, Phylogenetic analysis, GSDS, motif analysis.
- Microtitre plate assay for antimicrobial analysis, nitric oxide scavenging assay and DPPH assay for antioxidant analysis, phytochemical analysis and quantification.

Laboratory skills

- ▶ **Microbial techniques** - Media preparation, pure culture techniques, staining techniques- Gram staining, LPCB staining etc., Disc diffusion and well diffusion methods for antibiotic susceptibility testing, bacteriological examination of water and milk.
- ▶ **Molecular biology and rDNA technology** - DNA isolation, SDS - PAGE, AGE restriction digestion, ligation, transformation, RFLP, PCR.
- ▶ **Biochemistry and immunology** - Antigen antibody interactions, Serological tests for the diagnosis of microbial infections-RPR, RF, ASO, Widal test.

Achievements

- ▶ Received certificate for attending a 3 days program on "Understanding Complexities Of Life From Molecules To Systems" at Presentation college of applied sciences in association with IIT Khargpur.
- ▶ Completed a certification program on "Genome editing tools in medicine & biotechnology" conducted by Indiana university of Pennsylvania.

Experience / training

- ▶ Intern trainee at UniBiosys biotech research labs, Kalamassery - 08/02/2023 - 20/05/2022.
- ▶ Attended practical training on molecular biology techniques at Unibiosys biotech research labs, Kalamassery.

Declaration:

I hereby declare that the above-mentioned information is correct upto my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place : Ernakulam

LAKSHMI PRIYA JAYAKUMAR

Date : 22-05-2023