



Anulekshmi S Kumar

Fresher - M.Sc Biotechnology

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To seek a position of Bio-tech specialist, where I can use my academic qualification along with my creative ideas as well as theoretical knowledge for the benefit of the organization.

EDUCATION

M.Sc. Biotechnology

Mahatma Gandhi University

08/2017 – 07/2019

3.09 CGPA

Courses

- Biochemistry, Cell Biology and genetics
- Instrumentation and Biostatistics
- Bioprocess Technology and Recombinant DNA Technology
- Plant and Animal biotechnology
- Biophysics and Bioinformatics
- Molecular Biology, Enzymology and metabolism
- Environmental biotechnology
- Microbial Food Technology

B.Sc Zoology

Mahatma Gandhi University

08/2014 – 04/2017

7.73 CCPA

Courses

- General methodology and perspectives in science
- General Methodology and Instrumentation
- Cell Biology and Molecular Biology
- Human physiology and Endocrinology
- Tools and Techniques in Biology
- Biodiversity Evolution, Zoogeography and Ethology
- Environmental Biology, Toxicology and Disaster Management

PERSONAL PROJECTS

Screening for a potential microbial herbicide against weeds of paddy

- Microbial herbicides which utilizes potential bacteria with herbicidal activity is the new trend, also they show a high degree of specificity for targeted weeds.
- Keeping this as target, the study aims to find the effective bacteria to find as a bio herbicidal agent, and as a result three potential bacterial strains were isolated with herbicidal activity.

Qualitative and quantitative study of stomach contents in three marine fishes from Kuttanad region.

- Analysis of gut content is widely used to ascertain the food and feeding habits of fish species.
- Diets of fish represent an integration of many ecological components that includes behaviour condition, habitat use, energy intake and inter/intra specific interactions.

SKILLS

Complex problem solving

An investigative mind

Attention to details

Innovative thinking

Team work and communication skills

Analytical skills

ACHIEVEMENTS

DNA and RNA isolation

Amplification of selective gene by PCR

RFLP

Molecular marker studies: RAPD, SCAR, AFLP, SNP

Expression and purification of recombinant proteins

LANGUAGES

English
Full Professional Proficiency

Malayalam
Native or Bilingual Proficiency

Hindi
Professional Working Proficiency

INTERESTS

Research and Analytics

Biodiversity

Plant and Animal biotechnology

Environmental biotechnology