



HAFEELA. A.R

Postgraduate

Considered hardworking, punctual, and driven. A passionate jobseeker with strong organizational and technical skills eager to secure an entry-level position in the industry.

CONTACT

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NETWORKS

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LANGUAGES

ENGLISH
MALAYALAM
HINDI

EDUCATION

- ✓ M Sc Microbiology
 - Cochin University of Science and Technology, Cochin, Ernakulam
 - 2020-2022
 - CGPA: 9.21
- ✓ B Sc Zoology
 - St. Albert's College, Ernakulam
 - 2017-2020
 - CGPA: 8.97
- ✓ Plus Two- Bioscience
 - St. Sebastian's H.S.S., Palluruthy
 - 2015-2017
 - 93%
- ✓ SSLC
 - Fatima G. H. S., Fort Kochi
 - 2014-2015
 - 100%

SKILLS

- ✚ Reading comprehension
- ✚ Written communication
- ✚ Critical thinking
- ✚ Organization and time management
- ✚ Teamwork
- ✚ Planning and coordination

TECHNICAL SKILLS

- Computer proficiency- M S Office
- Microbiology techniques- Culturing, plating, antimicrobial resistance testing, antibiofilm assay, staining techniques, double agar overlay plaque assay, reagent preparations, MPN, biochemical characterization, autoclaving, centrifuge, light

microscopy, oil emersion microscopy, fluorescent microscopy, enzyme assays, etc.

- Molecular biology techniques- DNA, RNA, plasmid isolations, GEL electrophoresis, colony PCR, multiplex PCR, TA cloning, restriction digestion, etc.
- Bioinformatics tools- NCBI-BLAST, PDB, Uniprot, Mega, Bioedit, etc.
- Cell culture- Cell splitting and passaging, cytotoxicity testing, cell proliferation assay, live/dead cell assay, etc.
- Others: TLC, paper chromatography, spectrophotometry, sonicator, nanoparticle synthesis, electrospinning technique for nanofilm synthesis, etc.

ACCOMPLISHMENTS

- Participated in the training entitled "Citizen Science Programme" under DST Rehabilitation of Vibrio Infested Vembanad Lake Pollution and Solution (REVIVAL) Project organized by ICAR-CMFRI, Gov. of India.
- Participated in National Workshop cum Training on "DNA Fingerprinting" in collaboration with Wetlab championship and Shaastra (IIT Madras Event).
- Participated in "International conference: Biotech spectrum 2022", organized by Dep. of Biotechnology, CUSAT, Kochi, Kerala.
- Participated in Albertian Knowledge Summit: An International Conference on Multidisciplinary Research- organized by St. Albert's College, Ernakulam.
- Participated in the National seminar on "Modern Practices in Animal Taxonomy" organized by the Research Department of Zoology, Maharaja's College, Ernakulam.

COURSERA ONLINE CERTIFICATIONS

- INDUSTRIAL BIOTECHNOLOGY
- IMMUNOLOGY
- DRUG DISCOVERY
- ANTIMICROBIAL RESISTANCE

WORK HISTORY

Currently assisting a project in the field of nano-polymer composite scaffolds in tissue engineering, Department of Biotechnology, CUSAT.

RESEARCH INTERESTS

- Gut microbe interactions
- Phages and wound healing
- Polymer membrane development in tissue regeneration

OTHERS

Literature writing
Book chapter writing
Content writing

REFERENCES

1. Dr. Sarita G Bhat
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