



Anakha M

Environmental Resource Officer

Experience

Feb (2021) to present
Worked as Environmental Resource Officer at HIC ABF SPECIAL FOODS (P) LTD

Key Role

- Effluent Treatment Plant Revamping Project
- Regular monitoring of plant operation
 - Periodic water quality analysis
- Demineralization Plant Operation

Critical Skills

Basic Biochemical Techniques
Air Quality Monitoring
Water & Wastewater analysis
Soil Analysis
Microbial Techniques
Remote Sensing and GIS
Biotechnology
Industrial Safety

Objective

An enthusiastic professional with initiative-taking and leadership skills who wish to obtain a creative as well as a challenging profile in an organization that gives an opportunity for self-improvement while contributing to the symbolic growth of the organization with technical, innovative, interpersonal, and logical skills.

Technical Expertise

- BOD Analysis
- COD Analysis
- Oil & Grease Analysis
- TSS Analysis
- Estimation of ammonia
- Estimation of nitrite & nitrate
- Culture Inoculation

Alma Mater

- **M.Sc Environmental Science**
P.S.G College of Arts and Science Coimbatore (2015-2017)
- **Post Graduate Diploma in Industrial Safety**
P.S.G College of Arts and Science , Coimbatore (2016-2017)
- **B.Sc Biotechnology**
Amrita Vishwa Vidyapeetham, Kollam (2012-2015)
- **Higher Secondary**
St.Mary's Girls Higher Secondary School, Fort Kochi
- **Secondary**
S.D.P.Y Central School, Kalathara, Kochi

Software Skills

- MS Word
- MS PowerPoint
 - MS Excel
- ArcView Software

Languages Known

English
Malayalam
Hindi
Tamil

Strengths

Flexibility and Adaptability.
Initiative-taking
Willing to learn new things.
Communication skills
Disciplined & good etiquette
Adaptive learner

Achievements

- Secured second Rank in Master of Science in Environmental Science from P.S.G College of Arts and Science (2015-2017)
- Been the part of International Quest Conference “Amrita BIOQUEST 2013”.
- Been the part of International Symposium “BIOCREST 2015” at Amrita School of Biotechnology.
- Attended a seminar on Design your first drug using Auto Dock tools by Dr. Ignatius Kunjumon at Amrita School Of biotechnology.
- Been the part of Talk by Dr. Gillian Murphy, Professor Emeritus, Cambridge University, UK on Metalloproteases and Cell Biology from 'Demolition Squad' To 'Master Regulators'?
- Invited talk on Biologics by Dr. Krishna Menon, the director the biopharmaceutical/biologics department of US Pharmacopeia in Hyderabad.
- Attended a seminar on The Future of Public Health and Medicine in A Crowded and Complex World, conducted by PSG College of Medical Science

Academic Projects

1. Under Graduation

Title - Electro spun TiO₂ nanofibers as a matrix to enhance the drug loading.

Duration - 6 months

- a. Basic understanding of Nanotechnology
- b. Understanding the principle and working of electrospinning equipment.
- c. Understanding the characteristics of titanium dioxide nanofibers.
- d. Dealing with the future prospective of the drug loaded fibers.

Personal Profile

- Status
Open for Job
- Marital Status
Married
- Date of Birth
12/08/1994
- Current Location
Ernakulam
- Nationality
Indian
- Religious Belief
Hindu
- Passport
Available

Activities

Reading
Content Writing
Music & Dance
Story & Poetry writing

References

Available upon request

2. Post-Graduation

*Title - “EFFECT OF PHYSICAL PRETREATMENTS ON ENHANCED PRODUCTION OF BIOGAS USING *Chlorella vulgaris*”*

Duration - 4 months.

Offsite project at Central Leather Research Institute CSIR-CLRI, Chennai.

- Basic understanding of Effluent Treatment.
- Understanding the biological methods of removing nutrients from wastewater.
- Understanding the steps involved in Bio methanation.
- Understanding the characteristics of biogas production using algae.
- Dealing with the future prospective of energy crisis.

3. PG Diploma

PG Diploma in Industrial Safety Project at IREP-BPCL construction site on Safety Policies Adopted in The Integrated Refinery Expansion Project (IREP) At Bharath Petroleum Corporation Limited (BPCL)

Industrial Visits

- Water treatment plant, Pillur Dam, Velliyankaadu, Coimbatore
- Godrej mosquito coil manufacturing unit at Karaikal
- Chemplast SanMar limited,
- Karaikal chlorates, Karaikal

Publications

The paper on ‘**Electro spun TiO₂ nanofibers as a matrix to enhance the drug loading**’ has been published in the International Journal of Advance Research in Science and Engineering on May 5, 2015

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