

CHITHIRA ANILKUMAR



MSc. CHEMISTRY

Expertise in maintain the lab quality system, preparing test solutions, Chemical test, Water, Waste Water, Soil, Aggregates and Concrete quality analysis, Chemical analysis

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Profile Summary

- Performance oriented professional Chemist **with** rich experience in **Maintaining the lab quality system, update, revise, maintaining the lab quality assurance manual, SOPs and other quality documents and perform chemical test in lab.** Presently associated with **Al Mawazeen Laboratory as Chemist.**
- Remarkable capability to synthesize complex and divers information; collect and research data; use intuition and experience to complement data; design workflows and procedures
- Strong belief in professionalism, positive attitude and dedication, willingness to learn and implement.
- Flexible, responsible and capability of understanding and implementing new techniques self-motivating, hardworking and sincere.

Education

- **MSc. CHEMISTRY -2016-2018**
VIMALA COLLEGE ,THRISSUR,KERALA,INDIA
Mark Percentage :82
- **BSc. CHEMISTRY -2013-2016**
CHRIST COLLEGE IRINJALAKUDA ,KERALA ,INDIA
Mark Percentage :86

Career Timeline

Cooling Water Testing Analyst

(FACT ,Kerala,India)

2019-2020

Middle East Testing Services, Ajman

Sep21-oct'22

Al Mawazeen Laboratory
Dubai

Dec22-till date

Core Competencies

Strategic Planning & Control

Operations

Data Management

Technical Assistance

Training & Development

Quality Management

Safety Management

Team Management

Work Experience

Dec 2022-Till date with Al Mawazeen Laboratory Dubai, as Chemist

- Conducting chemical test, worksheet verification and reporting
- Participate in IQC programs and following up corrective actions for internal audit.
- Maintaining chemical storage, checking and keeping all daily check records.
- Calibration of lab equipments and instruments
- Participation in External Audit(EIAC)

Sep 2021 – Oct2022 with Middle East Testing Services as Chemist

- Performing daily routine test, handling, preparing, calibration and setup of the sample, reagents in accordance with the relevant test standard and in line with lab quality manual
- Quality control documentation and final reporting
- Method verification
- participation in External Audit(EIAC)

Internship Details

Year : 2018

Company: FACT Kerala, India

Industry: Fertilizer Production

Work Profile: Chemical analysis of Water

Technical Proficiency in Lab

• **Water Testing** (APHA METHODS)

- pH.
- Electrical Conductivity
- Total Dissolved Solids (TDS).
- Total Suspended Solid (TSS)
- Sulphate
- Sulfides
- Hardness
- Calcium, Magnesium
- Alkalinity
- Chloride
- Chemical Oxygen Demand (COD)
- Biochemical Oxygen Demand (BOD)
- Dissolved Oxygen
- Oil and Grease
- Ammonia Nitrogen
- Total Kjeldahl Nitrogen
- Organic Nitrogen
- Total Organic Carbon (TOC)
- Carrying out various spectrophotometer analysis including Ammonia Nitrogen, Nitrate, Phosphate, Sulphate Fluoride, Free chlorine, Total Chlorine, cyanide, silica, Sulfide

- **Soil**(APHA/BS-1377P-3:2018+A1:2021/ BS-1377P-3:1990 METHODS)

- Determination of Chloride content of Soil (Acid Extract)
- Determination of Sulphate content for Soil (Acid Extract)
- Determination of Chloride content of Soil (Water Soluble)
- Determination of Sulphate content for Soil (Water Soluble)
- Total Solids
- Volatile Solids
- Fixed Solids
- Moisture
- pH
- Oil And Grease

- **Aggregate ,concrete, Road Base, SubBase**

- Determination of Chloride content (Acid Extract)
- Determination of Sulphate content (Acid Extract)

- **Equipments Handled**

- UV Spectrophotometer
- Karl Fischer
- Flame Photometer
- Flash Point
- Turbidity meter
- Viscometer
- FTIR
- Refractometer
- TOC
- pH meter
- Viscosity meter



IT Skills

- **MS Office:** Word, Excel, Access, PowerPoint
- **E-Draw**



Personal Details

Date of Birth: 23/04/1996

Gender: Female

Marital Status: Married

Visa Status : Spouse Sponsorship

Nationality: Indian

Languages Known: English, Hindi, Malayalam,Tamil

Address: Al Maari Building, Damascus Street, Al Qusais, Dubai