

RESUME

V.PRABHAKARAN



Email

prabhakaran.chemi@gmail.com

prabha.chemi@hotmail.com

Contact No

Mobile: +65-83300659

Passport No: **K7809607**

Valid up to : 07 May 2023

Address for Communication

DOOR NO 734, #02
BLOCK NO 117
TECK WHYE LANE,
SINGAPORE-650117

Personal Data

Date of Birth : 03/07/1986
Nationality : Indian
Marital Status : Single
Languages : English, Tamil
& Hindi

Experience : 5Years 6Months

Area Of Interest:

- Applied Chemistry
- Analytical chemistry
- Surface Chemistry
- Environmental Science

Objective

To obtain a challenging position in suitable field where I can utilize and improve my skills effectively.

Project details

- Bio char from Poinciana Elate using GCMS – application for find functional group medical property.
- Sodium Silicate formation from Silica Sledge-application for Thickener.

Achievements & Awards

- Prizes for securing first mark in all semester exams
- Best outgoing student of college (U.G)
- Best Safety Award in Cabot Sanmar Ltd.
- More Prizes at Spot Quiz while IPKC Audit in KNPL.

Academic Credentials

Degree : **M.SC chemistry**

College: Government (Autonomous)college,Kumbakonam

Year Of passing: April 2008

Percentage of marks: 77.7%

Degree : **B.sc Chemistry**

College: Government (Autonomous)college,Kumbakonam

Year of passing: April 2006

Percentage of marks:80.32%

Degree : **HSC**

School: Government Higher Secondary , Papanasam

Year Of passing: April 2003

Percentage of marks: 86.33%

Degree : **SSLC**

School: Government Higher Secondary , Papanasam

Year Of passing: April 2001

Percentage of marks:83.2%

Computer proficiency

Degree : **PGDCA** (SISI Institution, Kumbakonam)

Year Of passing: Dec 2007.

Grade : A

SAP-R/3 version.

Extra Qualification

Certified Internal Auditor for ISO/TS 16949(Nathan & Nathan) & FSMS 22000(Dhorana Consultants) –
Conducted Internal audits.
Fundamental knowledge about **SAC**

Experience Details

Organization Name : Eurofins Mechem Pvt Ltd, Woodlands, Singapore.

Period Of work : APRIL 2017 – TILLDATE

Job Designation : CHEMIST

Organization Name : Mechem Consultancy Pvt Ltd, Woodlands, Singapore.

Period Of work : JULY 2013 – APR 2017

Job Designation : CHEMIST

Organization Name : Kansai Nerolac Paints Ltd Hosur. India

Period Of work : APR 2012 – JUN2013

Job Designation : Officer – Quality Control

Organization Name : Cabot Sanmar Pvt Ltd Mettur Dam.India

Period Of work : SEP 2008 – APR 2012

Job Designation : Officer – Quality Control

Roles And Responsibilities:

AT MECHEM:

- Analysis of FUEL OIL & GAS OIL as per documented procedure
- Physical parameters are done as VISCOSITY,DENSITY,TSP, TSA, MCR, FLSH POINT, CCAI, POURPOINT, CLOUD POINT.
- Chemical properties are done as WATER CONTENT, SULPHUR, H₂S, SAN, TAN & INORGANIC ELEMENTS (AL, Si, V, Na, Mg, P, K, Pb ,Ca, Zn, Ni, Fe)using ICP.
- Make the report depends on customer
- Calibrate all the instrument with proper due date.
- Update the records of raw material sheet

AT KNPL:

- Analysis of Raw materials like Extenders, Pigments , Strainers, Emulsions By Qualitative and Quantitative Chemical analysis
- Analysis of ETP, STP, water samples for TDS, COD, BOD, PH, Metal contents, Etc.

- Analysis of UV Treated water for Hardness, Conductivity, TDS, COD, pH, Microbial Growth Etc as per ISO and ASTM methods.
- Inspection of Finished Products as per documented procedure for physical parameters like Spc.gravity, Viscosity, Electric resistance etc
- Analysis of Solvents purity by GLC.
- Root cause analysis of complaints and giving support to customer for solving the problems.
- Maintenance and calibration of Instruments
- Conducting Shopfloor audits like Hygeine audit, Process Audit , Doc audit Etc
- All type of Wet analysis testing as per SOP.

Instruments Handled

- **ICP**
- **SURFACE AREA Analyser : GEMINI VII(MICROMERTICS)**
- **AUTO VISCOMETER**
- **DENSITY METER**
- **AUTO FLASH POINT**
- **SULPHUR ANALYSER**
- **H2S ANALYSER**
- **CLOUD POINT ANALYSER**
- **MCR ANALYSR**
- **AUTO DISTILLATION APPARATUS**
- **AUTO TITRATOR**
- **GLC – Make : Shimadzu**
- **UV SPECTOPHOTOMETER: shimadzu, Thermoscientific.**
- **KF TITRATOR – Make: Veego**
- **TAP DENSITY METER- Veego**
- **CARBON ANALYSER : Leeco**
- **OXYGEN ANALYSER: Mettler Toledo**
- **CONICA MINALTA – For Measuring colour values of paints**
- **TINTOMETER**

- **AAS – Make Varion – A240**
- **HALOGEN : Mettler Toledo**
- **pH & TDS Meter with Proper Calibration.**

Specific Achivements:

- Prepared **FMEA** and **SQC, APQP** in assistance with superior for Industrial paints
- Prepared **WI** with check sheets and Instruments Daily check sheet for QC Lab Equipments.
- Good Internal Auditor for **FSMS-22000**
- Participated and won prizes in many inter college programs

Key Attribute

- Good analytical Skills
- Interface with Global team in manufacturing related activities
- Team core member with excellent interpersonal skill and communication skills and ability to work in a cross functional and cross cultural global environment
- Well versed and excellent hands on skill in a variety of instruments **like GLC, GCMS, UV, KF Titrator** Etc.
- Excellent sample analysis Skills and Knowledge of standard test method.
- Analytical Problem solving skill utilizing **SIX sigma , FMEA, RCA, 7 QC tools**
- Creation and maintenance of Documentations and Standard Operating procedure and Visual Displays
- Responsible person for internal calibration and troubleshooting of Instruments
- **5S** – Good Housekeeping of Laboratory facilities and equipments
- **KAIZEN** – Providing continuous suggestions for improvements of laboratory activities and Operations
- **Why-Why** Analysis & **Visual Display** contributed with skill insolvent.

Declaration

I here by declare that the information furnished above is true to the best of my knowledge

Date:

Signature,

Place:

(V.PRABHAKARAN)

