

CURRICULUM VITAE



Dr. Viveka S.

E-mail: vikky.shivapur2042@gmail.com

Contact No. : +919164231671 (Mobile)

CAREER OBJECTIVE

To work in a challenging environment where I can experience personal growth, development and to be in a responsible position where I can contribute to an organization's growth and success.

PROFESSIONAL EXPERIENCE

Working in Quality Control department Aarti Industries Limited, Jhagadia (June 2021 onwards)

Deputy Manager in QC from April 2024 onwards

Worked as Senior Executive in QC from June 2021-March 2024

- Ensuring the product quality, developing and implementing quality management plans.
- Coordinate with external vendors to carry out analysis of various samples as and when required as a part of cross verification of the quality.
- Handle the troubleshooting of lab instrument and operation on requirements.
- Performing QC reviews for project, managing the interface between the QA/QC function and other relevant departments.
- To prepare, review, approve necessary procedures and make amendments in specifications & work instructions as per QMS (Quality Management System).
- Manage the non-conformity of products as per the approved procedures and implement necessary CAPA, Ensure timely calibration, repair & preventive maintenance of all the LAB equipment in accordance with the approved procedures and schedules.
- Preparation of specification, Standard operating procedure a (SOP) and Standard testing procedure (STP)
- Ensure good housekeeping standards are met in the laboratory as 5S.
- Member of quality transformation project like RTMI, QM module S4 HANA etc.
- Ensure the compliance of GDP (Good Documentation Practice) and GLP (Good laboratory practice).
- COA, result entry, PR and PO etc using SAP.
- Coordination with all shift chemist, production team & problem resolving related QC.
- Appraise and review performance of Lab chemist and train and teach Lab when it is required.
- Manage QC LAB operations right from sampling to finished goods while simultaneously contributing for quality enhancement of the product and ensuring.
- Dispatch planning for FG, lot allocation as per customer specification and preparation of COA.
- Ensure the parameters of raw material. Monitor the in process sample analysis and Finished product

- Handling of customer complaint and customer visit etc.

Instruments using in the laboratory:

- GC (8890 series and open lab CDS software), HPLC (1260 infinity II)
- Ion chromatography Thermo Scientific (Dionex ICS-6000) with Chromeleon software
- ICP OES (PerkinElmer Avio 220 Max) with software syngistic, Microwave sample preparation system (Titan MPS).
- Bentchtop NMR (Bruker Fourier 80 series) with Topspin software
- TOC/TN analyzer Shimadzu-OCT L
- KF Titrator and Coulometer, UV Spectrophotometer, Tintometer
- DO meter, pH meter, Conductivity/TDS meter, Balance,
- Melting point apparatus, UDK-129 Distillation for ammonical nitrogen, Bomb calorimeter, Muffle furnace, COD Digester.
- Testing parameter COD, MLSS, MLVSS, TSS, TDS, pH, Conductivity, Hardness, Chloride, Alkalinity, Silica, Phosphate, Turbidity, Ammonical-N, SVI etc

June 2017 to June 2021: “Executive” at JBF petrochemicals Ltd., Mangalore, Karnataka, India.

- Analysis of finished products, raw materials and in process samples.
- Handling routine analysis of DM plant, High pressure boilers, Cooling tower, Waste Water Treatment Plants (WWTP) water samples and ensuring as per specifications.
- Ensuring the quality of incoming raw materials.
- Maintaining the laboratory by following the standard procedures like ASTM, UOP etc. and calibrations of the laboratory instruments.
- Coordination with all shift chemist, production team & problem resolving related QC
- Conducting training classes for lab chemists and internship chemistry students.

SKILLS & ABILITIES

- Gas Chromatography Agilent 7890B with the software's of Chemstation.
- High Pressure Liquid Chromatography Agilent 1260 Series with the software's of Chemstation.
- ED-XRF– Model: SPECTRO XEPOS.
- Laser Scattering Particle Size Distribution Analyzer (HORIBA – LA 960)
- Metrohm 890 Titrando Titrator & Metrohm888 Titrando.
- Organic carbon, Inorganic carbon and Total Nitrogen concentrations are analysis by Analytik jena multi N/C 2100 TOC/TN.
- Capillary Electrophoresis Instrument with diode-array detector.
- Analysis of PTA, p-X, H₂, and some other intermediate samples by the laboratory instruments
- Spectrophotometer analysis like Iron, Phosphate, Hydrazine, Silica, Sulphate, Nitrate, and other elements present in water samples analysis etc. by HACH and Analytic Jena Spectrophotometer method.

- Environmental Analysis of STP and Effluents for COD, BOD, TSS, VSS, MLSS, MLVS and DO etc.
- Analysis of Water samples in Cooling Tower samples, DM water, Boiler, Condensates, for different parameters like pH values, Conductivity, Chlorides, free residual chlorine, Total Suspended Solids (TSS), Total Dissolved Solids (TDS), Oil & Grease in water, Total Hardness, and Alkalinity etc.
- Percentage of Total solids (TS) and Volatile solids (VS) for the granules analysis.
- Analysis the Concentration of HCl, H₂SO₄, H₂O₂, H₃PO₄, CH₃COOH, HBr, EDA, Amine (MDEA), NH₃, NaOH, FeCl₃, NaOCl, NaClO₂, N₂H₄, CaCl₂, Na₂CO₃, Cobalt acetate and Manganese acetate.

July 2016 to December 2016: Trainee at Se-Ka-Ra Organics Pvt. Ltd. Ramanagaram, Bangalore, Karnataka, India.

- Analysis of coal sample.
- Preparation, development and quality testing of different resins
- Preparation of some red paint and insulating paint using bead mill.
- Preparation of epoxy varnishes for the preparation of insulating tape.
- Guiding the subordinate chemists in times of difficulty in troubleshooting the experiment and take care that the whole process is carried out efficiently on time.
- Coordinating with manager on day to day basis.

August 2011 to February 2016: Research experience in the Department of PG studies in chemistry, Mangalore University, Mangalore, and Karnataka, India for the period of August 2009 to February 2016.

- Literature surveys for the evaluation of target bioactive molecules.
- Design and development of new synthetic methodologies for the synthesis of molecules.
- Well experience in handling the multistep organic synthesis.
- Experience in handling of Multicomponent reactions and the usage of catalyst and coupling agents in organic reactions.
- Performing of purification techniques like Silica gel chromatography, crystallization etc.
- Good knowledge to interpret the analytical data such as NMR, LCMS, GCMS etc., for the structural characterization of the new chemical entities.
- Handling of IR, UV spectrum and DSC-TGA instruments.
- Handled some Software's like ChemSketch, ISIS Chem Draw, SciFinder, IR solution.
- Drafting the research article, project closure documents, writing the reports.
- Writing and reviewing of research articles.

August 2009 to May 2011: Guest lecturer at Department of chemistry, Mangalore University, Karnataka, India.

Two years of teaching experience in the Department of PG studies in chemistry, Mangalore University, Mangalore, Karnataka, India for the period of August 2009 to May 2011.

EDUCATIONAL QUALIFICATION:

2011 July - 2016 February: Ph.D in Chemistry, under Mangalore University Mangalagangothri, Mangalore, and Karnataka, India.

Research Topic: “**Synthesis Characterization and Biological Evaluation of Some Pyrazole Based Heterocycles**”

Research Guide: Prof. G. K. Nagaraja, M.Sc., Ph.D, Professor, Dept. of Chemistry, Mangalore University.

2007 July - 2009 May: M.Sc in Chemistry from Mangalore University, Mangalore, Karnataka, India (First class).

2004 June - 2007 June: B.Sc (Physics, Chemistry, and Mathematics) from Alva’s college, Moodbidri, Mangalore, Karnataka, India (First class with distinction).

RESEARCH PROFILE:

Research paper published in national/international journals: 34

Publication of book chapters in international books : 2

Paper presented in national/international conferences: 4

Conference (National/International) / Symposia / Workshops attended: 6

Google Scholar:

Citations : 500

h-index : 10

i10- index: 11

Papers are published in good impact factor journal like European Journal of medicinal chemistry (IF= 6.7), RSC advances (IF: 3.9), Medicinal chemistry research (IF: 2.6), Monatshefte fur Chemie-Chemical monthly (IF: 1.7), Molecular crystal liquid crystal ((IF: 0.7) etc.

Both the book chapter published by Nova Publishers USA.

RESEARCH AREA:

- Synthetic organic chemistry
- Single crystal X-ray diffraction studies of organic molecules.
- Polymer chemistry
- Drug design and discovery

PERSONAL PROFILE:

Date of Birth : 18-02-1987

Gender : Male

Marital Status : Married

Nationality : Indian

Languages Known : English, Hindi, Kannada and Tulu.

Wife Name : Priyanka

Father Name : Ananda K.

Mother Name : Yashodha.

Passport No : N1266022
Permanent Address : s/o Ananda K, Ananda Nivas, Ibetu
Shivpura post and village, Hebri Taluk,
Udupi districtKarnataka, India – 576112
Present Address : B-306, Krishna Complex, Kapodra patia,
Near Apple Plaza, Ankleshwar,
Jhagadia Industrial Area, Gujarat -393001

Declaration:

I hereby solemnly declare that the above given information and particulars are true to the best of my knowledge and belief.

Sincerely,

Dr. Viveka S.