

# JEEVAN KUMAR D

## Deputy Manager (QA)

Address: #1859, Arkere gate, Bannerghata road near to IIMB Bangalore - 76

### CAREER OBJECTIVE

To be an integral part of an organization, contributing to its growth and thus achieving personal and as well as organizational growth.

### WORK EXPERIENCE

#### **Biocon Biologics Ltd.** (November 2022 - Present)

**Designation:** Deputy Manager (QA)

**Responsibilities:**

- OOS and OOL: login, review & approval of investigations & Archival of the approved investigation reports.
- Laboratory incidents and breakdown review and approval.
- Review and approval of microbiology protocols, reports, risk assessments, technical documents, trends, specifications, STPS, SOP, change controls, deviations & CAPAs.
- Review and approval of results of microbiology testing parameters of drug product, water system, stability and Environment monitoring.
- Verification of Lab compliance.
- Handling Customer, internal and Regulatory audits.
- Sterility Assurance for aseptic processing area.

**Area of expertise:**

- Sterility Assurance, QMS, EDMS, Investigation of OOS, OOL, CAPA and Change Control
- Handling Customer, internal and Regulatory audits. & Microbial limit test & pathogen testing
- Environmental monitoring in Aseptic area, Sterility testing, BET (Bacterial endotoxin test)
- LBPC (Liquid bound particle count), Preparation of trends for water analysis & environmental monitoring
- Microbiological assay of antibiotics, Validation of various instruments like autoclave and DHS

**Instrument Exposures & Testing:**

**Software Skills:**

- Isolator
- Autoclave (Vertical & double door horizontal)
- DHS (Dry heat sterilizer)
- Spectrophotometer
- PCR
- Vitek MS
- KTA and KCA (BET)
- Track Wise
- ELMS D2
- Labware LIMS
- MODA EM and FDC
- ELN Sheet
- SAP (indenting and Breakdown maintenance)

#### **Mylan laboratories Ltd.** (June 2015 - October 2022)

**Designation:** Team leader (Quality Control Microbiology)

**Responsibilities:**

- MODA (mobile data acquisitions) operation and aseptic process control and its validation.
- EM data Review and approval.
- OOL, Investigation & CAPA implementation.
- SOP Preparations
- Review of GLP Activities
- Planning of routine lab Activity and allotment of Work to analyst

#### **Mac chem products India Pvt. Ltd.** (January 2014 - June 2015)

**Designation:** Sr. Officer (Quality Control) Microbiology

**Responsibilities:**

- Testing raw materials, in-process samples, and other materials for the presence of microbes
- Monitoring the environment where products are manufactured and packaged and the equipment used
- Ensure compliance to Standard Operating Procedures (SOPs)

- Calibrating and maintaining the equipment used
- Compiling and analyzing data, document test results and prepare reports

**Kopran Ltd.** (June 2010 - January 2014)

**Designation:** Sr. Officer (Quality Control) Microbiology

**Responsibilities:**

- Testing raw materials, in-process samples, and other materials for the presence of microbes
- Monitoring the environment where products are manufactured and packaged and the equipment used
- Ensure 100 % compliance to Standard Operating Procedures (SOPs)
- Calibrating and maintaining the equipment used
- Compiling and analyzing data, document test results and prepare reports

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## PROJECTS AND ACCOMPLISHMENTS

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**Project I**

- Studied the microbiology of Beer production and various techniques involved in beer production - December 2006

**Under Guidance:**

- Brewery Microbiology for SKOL Breweries Limited

**Role Description:**

- Checking the purity of water used in the production of beer
- Checking the contamination of wort produced in beer production
- Checking the contamination of yeast used and calculating yeast viability and consistency
- Checking the contamination of wort produced after the fermentation of 16-22 hours and 48-96 hours
- Checking the purity of mature beer formed in storage vessel
- Sampling of air used in pitching of yeast and checking the CO<sub>2</sub> purity before adding to the filtered beer
- Analyzing the purity of filtered beer formed in the bright beer tank
- Checking the microbial analysis of beer before pasteurization and after pasteurization
- Environmental survey to check the hygienic condition
- Determining the rate of fermentability

**Project II**

- Research in 'Isolation and Characterization of Phosphate Solubilizing Bacteria from a Long Term Fertilizer Experiment under Cassava' – March 2010

**Under Guidance:**

- Dr. (Mrs.) Susan John K, Senior Scientist, Division of Crop Production, Central Tuber Crops Research Institute,
- Thiruvananthapuram

**Role Description:**

- Assessing the microbial population (bacteria, fungi and actinomycetes) in the different treatments of the LTFE
- Determining and identifying the population of P Solubilizes from the bacterial population
- Determining the P solubilizing ability of the potential P solubilized
- Undertaking the molecular characterization of the potent P
- Studying the biochemical characteristics of the potent P solubilize
- Correlating the population of P solubilize with soil available phosphorous

**Other Activities:**

- Played Cricket at college level
- Participated in cultural events in the college

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## EDUCATION

- **M.Sc in Applied Micro Biology**, Periyar University, Salem - 2010
- **B.Sc in Biochemistry(Major),Industrial Micro Biology(Vocational) and Chemistry(Auxiliary)**,Kerala University - 2007

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## PROFESSIONAL CERTIFICATION

- **Laboratory Techniques for the Microbiological Examination of Sea Food** – From Central Institute of Fisheries Technology (Indian Council of Agricultural Research), Cochin