



Job Title: Lab Manager – Fermentation & Bioprocessing

Location: IKP Knowledge Park, Bengaluru

Reporting to: Associate Vice President, BD & Smart Food

About IKP Knowledge Park

IKP Knowledge Park (IKP) is a leading science park and incubator dedicated to advancing cutting-edge R&D in India. We have a pioneering legacy of more than two decades of nucleating and nurturing life sciences and engineering innovation. We focus on sectors like biotech, health tech, and agri-tech, helping innovators move from the lab to the real world. By partnering with government, industry, non-profits, academia and investors, we create a supportive environment for startups and SMEs to thrive and grow. Our work is centred at our 200-acre park in Genome Valley Hyderabad and our Bengaluru maker space (IKP EDEN at Koramangala, Bengaluru), reaching across India and the world through various innovation programs and services. We are at the cusp of next phase of growth which is founded in our belief that science and technology are key to shaping a better tomorrow through deep & expansive societal impact. More at <<https://ikpknowledgepark.com/>>

The Role

We are seeking a highly motivated and technically skilled Lab Manager to oversee the operation of our Fermentation & Bioprocessing Facility and Biotech lab facility located in Bangalore. The role involves laboratory management, technical support to startups and researchers, operation and maintenance of fermentation and other laboratory equipment, procurement, inventory management, quality compliance and biosafety.

Key Responsibilities

1. Laboratory Operations & Facility Management:

- Manage day-to-day laboratory operations and shared facility scheduling.
- Develop and maintain SOPs, ensure laboratory cleanliness and compliance.
- Coordinate laboratory access, equipment booking and user support.
- Plan, schedule, and ensure regular calibration, qualification, and preventive maintenance of all laboratory instruments and clean rooms.

2. Fermentation & Bioprocess Support:

- Operate and maintain 2–10 L bench-scale fermenters.
- Prepare media, inoculum and sterilization protocols.
- Optimize pH, DO, temperature, agitation, aeration and feeding strategies.

3. Startup & Research Support:

- Train startups and researchers on equipment, SOPs and biosafety.
- Provide troubleshooting and technical guidance for fermentation experiments.

4. Equipment, Procurement & Inventory:

- Manage procurement of laboratory consumables, chemicals, reagents and spare parts.
- Coordinate vendor servicing, AMC, installation and repairs.
- Maintain inventory, stock registers and monitor consumable availability.



- Schedule equipment calibration and preventive maintenance.
- Maintain calibration records and equipment logs.

5. Quality, Documentation & Audits:

- Maintain documentation, maintenance logs and training records.
- Conduct routine audits of freezers, refrigerators, incubators and laboratory infrastructure.
- Monitor temperature logs and ensure biosafety, waste management and audit readiness.

Qualifications & Experience:

M.Sc./M.Tech. in Biotechnology, Microbiology, Industrial Biotechnology, Biochemical Engineering, Life Sciences, or a related discipline.

Experience:

2-4 years of hands-on experience in microbial fermentation, upstream bioprocess development, CROs, biotech companies, incubators or research laboratories.

Technical Skills:

Bench-scale fermenters • Microbial culture • Molecular Biology • Upstream bioprocessing • Media preparation • Process optimization • Equipment troubleshooting • Documentation • Inventory & procurement.

Preferred: Fed-batch fermentation, precision fermentation, Synthetic biology, downstream processing, HPLC, GC and spectrophotometry.

Key Competencies:

Laboratory management • Problem solving • Communication • Documentation • Vendor management • Procurement • Training • Attention to detail • Time management • Startup support.

To apply:

Send your resume to raghavendrap@ikpknowledgepark.com by mentioning subject line as CV for Lab Manager - Fermentation & Bioprocessing