

CASE STUDY



Project Management

*Faster Delivery by 30%,
Cost Efficiency,
Risk Reduction*



Industry

BioCatalysis Pilot Plant in the Pharmaceutical Industry



Client Summary

A leader in the nutraceuticals and biocatalysis sector, our client specializes in high-end, research-based Probiotics, Nutraceuticals, and Biocatalysis applications. Catering to a broad range of industries such as pharmaceuticals, API intermediates, food, and agrochemicals, they deliver tailored solutions meeting diverse needs.

System Key Points

- ✓ **Advanced BioCatalysis Pilot Plant:** Incorporating reactors, dosing, and separation for optimal biocatalysis efficiency.
- ✓ **State-of-the-Art Instrumentation & Utilities:** Ensuring precise control and process refinement.
- ✓ **Regulatory Compliance:** Meeting GMP and 21 CFR Part 11 standards.

Challenges

- ▶ **Equipment Sourcing:** Overcoming delays and enhancing supplier communication.
- ▶ **Regulatory Compliance:** Ensuring safety and environmental standards.
- ▶ **Collaboration:** Scaling lab processes to the pilot plant.
- ▶ **Budget Management:** Maintaining financial oversight.

Project Success Factors

- ✓ **Effective Communication:** Facilitating open team and stakeholder dialogues.
- ✓ **Risk Management:** Proactively identifying and mitigating risks.
- ✓ **Flexibility and Adaptability:** Adjusting to unexpected changes.
- ✓ **Regular Progress Review:** Monitoring and updating project status.
- ✓ **Documentation and Reporting:** Maintaining detailed records for transparency.

Customer Feedback

Instron Technologies' management of the BioCatalysis Pilot Plant project received acclaim for its multidisciplinary approach and strict adherence to regulatory standards. Customers appreciated the effective team coordination and proactive challenge resolution, underscoring the commitment to excellence and project management efficiency in achieving the set objectives.

About Instron Technologies

With operations in India and Canada, Instron Technologies is a leader in Process Skid Plants, Digital Factory Solutions, and Test Bench Systems. Committed to sustainability, our dynamic team develops innovative solutions that not only meet critical customer challenges but also emphasize eco-friendly practices. Serving over 150 clients in more than 10 countries, we demonstrate our dedication to innovation, operational efficiency, and environmental responsibility.

Contact Us for More Details

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