



WORKSHOP ON PROTOTYPE/PROCESS DESIGN AND DEVELOPMENT

14th August 2025 | 02:00 pm to 05:00 pm

Civil seminar hall, Acharya Campus



About the Program

The Workshop on Prototype/Process Design and Development is designed to provide participants with hands-on experience in translating innovative ideas into tangible prototypes and efficient processes. This program focuses on the fundamentals of design thinking, product development cycles, and prototyping techniques. Through interactive sessions and practical demonstrations, participants will gain insights into industry-relevant tools, design validation, and iterative development processes, equipping them with the skills necessary to convert concepts into viable solutions.

Objectives of the Program

- Introduce fundamental concepts of prototype and process design relevant to biotechnology applications such as bioprocessing, diagnostics, and bioinstrumentation.
- Foster innovation and creativity by engaging students in identifying real-world biotech problems and designing practical solutions.
- Develop team collaboration, problem-solving, and project management skills through group-based design challenges.
- Bridge the gap between academic knowledge and industrial application, enhancing student readiness for research and entrepreneurship.

Expected Outcomes of the Program

- Understand and apply the principles of prototype and process design in the context of biotechnology.
- Design and model simple biotech-related systems or devices using appropriate tools and techniques.
- Work effectively in interdisciplinary teams to brainstorm, design, and troubleshoot prototypes.
- Evaluate design feasibility, scalability, and sustainability in biotech applications.

Target Audience: Students and faculty

Committee Members

ADVISORY COMMITTEE

- Dr. C. K. Marigowda, Principal, AIT
- Dr. Attel Manjunath, Associate Professor, Department of Mechatronics Engineering, AIT, IIC-coordinator

CONVENER

- Dr. Shilpa Sivashankar, Head of the Department

COORDINATOR

- Mrs. Liny.P, Assistant Professor, Department of Biotechnology, AIT Mobile: 99018 90513 Email: liny@acharya.ac.in

Resource Person Details



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LOCATE US

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