



ACHARYA INSTITUTE OF TECHNOLOGY

Dept. of Artificial Intelligence & Machine Learning



Alumni Guest Lecture on Interdisciplinary Student Projects & Challenges

29th August 2025 | 12:00 PM to 03:00 PM

Main Auditorium, Acharya Campus



About the Program

For **architecture students**, this is the challenge into digital project management, **10D BIM** and learn how technology can power design innovation and even shape future architectural businesses, the students can explore how smart tools can solve on-site challenges, stream line workflows and transform the way projects are executed.

For **computer science students**, it is an opportunity to work on cutting-edge tech. like **AI-powered 3D modeling**, machine learning for design intelligence, real time visualization and creating scalable software that makes a real world impact in construction and design. This challenge is the students platform to experiment and innovate.

Objectives of the Program

- Organize a cross-departmental competition for Architecture and Computer Science students
- Promote collaborative research, design, and development between participating students
- Develop an open-source 3D modelling tool for the architecture and construction industry

Expected Outcomes of the Program

- Cross-department collaboration on a real-world problem
- Potential to integrate winning ideas into architectureplaybook.com
- Encouragement of entrepreneurial, research, and product-building skills

Target Audience: Pre-Final Year Students and Faculty (CSE, AIML, DS and Architecture)

Committee Members

ADVISORY COMMITTEE

- Dr. C. K. Marigowda, Principal, AIT
- Dr. Rajeswari, Dean-Academics, AIT

CONVENER

- Dr. Vijayashekhar S S, HOD AI & ML, CSE(DS), AIT

COORDINATORS

- Dr. Kavitha Nair R, Asst. Professor, Dept. of AI & ML, AIT
- Prof. Jovin Deglus, Asst. Professor, Dept. of AI & ML, AIT

Resource Person Details

**Aaditya Desai**

Designation: Co-Founder,
Architectureplaybook

**Acharya Institute of Technology**

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Soladevanahalli, Bangalore - 560107, Karnataka, India.

[LOCATE US](#)**Event Coordinator**

Dr. Kavitha Nair R
Asst. Professor,
Dept. of AI & ML, AIT