



Faculty Development Program



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Event Outcome

Title : Inverse Bloom's Taxonomy: Summit-First and Osmotic Learning in the AI Era

Date : 2025-09-08 - 2025-09-08

Time : 10:00 - 11:30

Venue : TT 707

- Experience Inverse Bloom's in action through live demonstrations
- Understand how osmotic learning accelerates mastery
- Learn to implement these paradigms in your curriculum
- Witness how AI democratizes creation for every student



Resource Person 1 - Details

Name : Nanu Swamy

Designation : Founder and CEO Kochadai Technologies, Founder

University/ Company : Maxelerator Foundation, Chennai

Address : India, 600036.

Resource Person's Profile :

1. Profile of Nanu Swamy

Nanu Swamy is a globally experienced technologist with over 30 years of deep tech leadership across Silicon Valley Singapore and India. Serial technology entrepreneur with over three decades of experience building groundbreaking products in Silicon Valley and India. An IIT Madras alumnus with multiple patents in cybersecurity, he founded Maxelerator Foundation (IITM Incubation Partner) and serves as Founder Director of Kochadai Technology Solutions (IITM Incubated).

Traditional education follows Bloom's Taxonomy - remember, understand, apply, analyze, evaluate, then finally create. This talk presents a revolutionary inversion: start with creation on day one. Using MakeGPT, students describe ideas in plain English and immediately build functioning embedded systems and software, experiencing the summit first. This "Inverse Bloom's" approach combines three powerful learning paradigms: Summit-First Learning: Students build sophisticated systems immediately - IoT networks, AI applications, sensor arrays - then naturally explore the fundamentals through the joy of creation rather than obligation. Osmotic Learning: When students work with advanced systems from day one, they absorb complex concepts naturally through exposure and necessity, just as children learn language by immersion, not grammar rules. AI-Augmented Creation: MakeGPT handles complexity while students focus on intent. Hardware and software development merge into conversation - from PCB design to system integration, AI becomes the bridge between imagination and implementation.

Presenter will train us with AI tools

Coordinator: Teaching Learning Centre of Excellence, VIT, Vellore