







# Welcome to ACM India Summer School 2025

Al for Social Good: From Sensing to Sustainability

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## **About IIT Gandhinagar**

Modern green campus

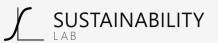
• Facilities: Library, Cafeteria, Gym, Mess

 Nearby: Adalaj Stepwell, Sabarmati Riverfront, Gift-City



### **Event Homepage**

https://sustainability-lab.github.io/events/acm-summer-2025/



#### What is this school about?

Mission: Learn, build, and apply AI for societal challenges

• Domains: Health, Environment, Accessibility, Equity

Blend of theory, practice, and deployment

#### **What's Covered**

Keynotes: MSR India, DeepMind

• Speakers: IITs, IIIT, TCS, Google, Microsoft, ISRO

 Structure: Lectures, Panels, Tutorials, Labs, Hands-on



### **Topics You'll Dive Into**

- Environment: Brick kilns, floods, air quality, EVs
- Healthcare: Sleep apnea, cancer, BCI
- Foundations: GNNs, fairness, SSL, causality, meta-learning
- **Deployment:** Accessibility, mobile sensing, sustainability

#### **Hands-On Tutorials**

VLMs, Object Detection, SSL Vision

GNNs, LLM Fine Tuning

· Remote Sensing, Active Learning, Meta-Learning

#### How to Make the Most of It

- 1: Ask: At least 1 question per session
- 2: Reflect: 2 takeaways per day
- 3: Connect: At least 3 new people daily
- 4: Prepare: Look ahead at the 4 sessions and speakers for next day
- Engage: Labs, live demos

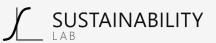
### Logistics

Hostels: Already allocated

Meals: Breakfast/Dinner at Mess and Lunch at Venue

Wi-Fi: Guest credentials shared

• **Medical:** Dispensary + 24x7 ambulance



#### **Code of Conduct**

Respect, punctuality, inclusion

Zero tolerance for misconduct

- Report issues to faculty/TAs
- Build a collaborative and safe space



#### **Outcomes**

- Understand AI for Social Good
- Hands-on experience with AI tools
- Peer + mentor connections
- ACM India Certificate
- Top students may receive internship opportunities and an all-expense-paid trip to ACM India ARCS Symposium & Annual Event 2026 at IIT Hyderabad, Feb-Mar 2026

### **Capture & Share**

LinkedIn, Twitter, Instagram

- Tags: @iitgn, @Indiaacm, @nipun\_batra, @adagu
- Hashtags: #ACMIndiaSummer2025, #AI4SocialGood

Top posts will be featured

## **Final Thoughts**

 "From pixels to people, from sensing to society, from Earth's breath to human breath – AI for Social Good!"

 Let's make these 11 days impactful, joyful, and inspiring!

