



SUSTAINABILITY
LAB



India Council



Netweb[®]
TECHNOLOGIES

Welcome to ACM India Summer School 2025

AI for Social Good: From Sensing to Sustainability

Nipun Batra, Anirban Dasgupta



About IIT Gandhinagar

- Modern green campus
- **Facilities:** Library, Cafeteria, Gym, Mess
- **Nearby:** Adalaj Stepwell, Sabarmati Riverfront, Gift-City



IIT Gandhinagar



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!