

Ahmedabad  
University

Ahmedabad

A window to a stimulating undergraduate learning experience.

## Grand Challenges Programme

Prepare for your future with an eight-day immersion at Ahmedabad University.

**June 29 - July 6, 2024**



Immersive | Transformative | Residential

Skill Studios | Workshops | Interdisciplinary Masterclasses | Maker Studio | The City as a Lab

# Ahmedabad

## Grand Challenges Programme



- A unique programme designed for outstanding students of Grades X, XI, and XII (By May 2024)
- An immersive experience in an academically rich environment
- Engagement with a pedagogy of interdisciplinarity, experiential learning, and research thinking
- A stimulating exposure to the culture and ethos of liberal education for ease of transition to undergraduate education

Grand challenges and complex issues facing society require addressing them from multiple disciplinary perspectives. Through the Ahmedabad Grand Challenges Programme, students explore the city of Ahmedabad as a live laboratory beyond the classroom. All our areas of study are structured to combine academic coursework, hands-on learning, and field trips and include an introduction to research thinking.



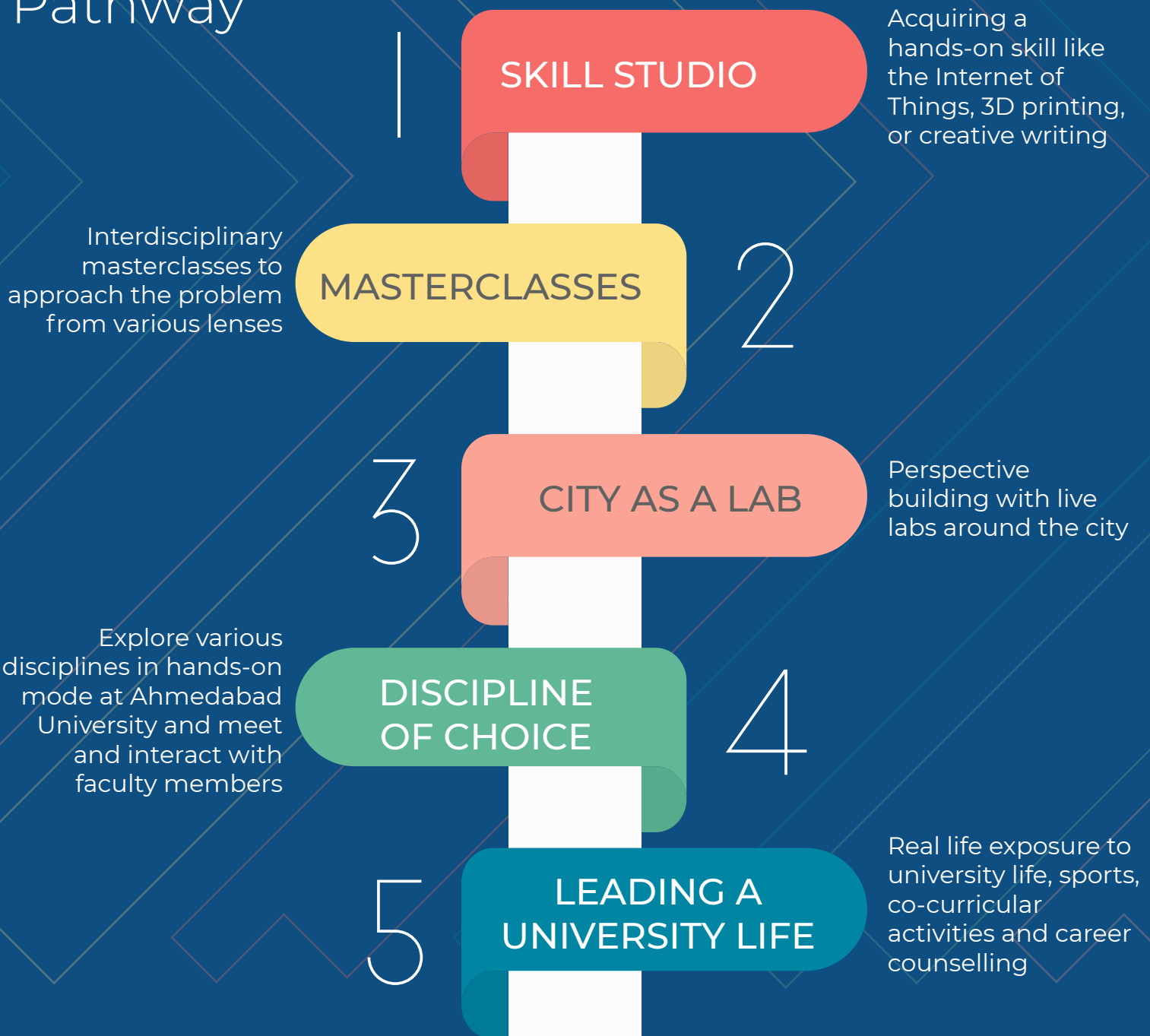


# HALLMARKS OF THE AHMEDABAD GRAND CHALLENGES PROGRAMME

The Programme is a unique opportunity for students to work in a thematic studio based around a grand challenge. It offers students:

- A real-world challenge to address
- Studio-based experiential learning
- An interdisciplinary programme design
- Individual feedback for personal growth
- A small cohort of 40 select students

## CURRICULUM Pathway



## ▼ EXPLORING A DAY

Ahmedabad Grand Challenges Programme

- Masterclasses by Subject Matter Experts
- Hands-on workshops
- Studio time
- Sports and co-curricular activities
- Local excursions



## ▼ LEARNING OUTCOMES

By the end of the eight-day programme, students will be able to

- Define a real-world problem and approach it from an interdisciplinary lens
- Discover a way to think towards finding a solution to a grand challenge in areas like Urban Infrastructure or Climate Change
- Explore a discipline of their choice
- Pick up skills like data interpretation, critical thinking, or creative writing
- Experience University life



## ▼ Application Process

A small cohort of 40 students will be handpicked from eligible applications. Students in Grades X, XI, and XII (by May 2024) can apply for this uniquely curated experience. They should have a strong academic background and a repertoire of co-curricular and extra-curricular interests. Shortlisted candidates may also be invited for one-on-one interaction with our selection committee.

## ▼ Programme Fees

- INR 50000 - Programme fee includes all meals, shared stay at Ahmedabad University Student Residences, and all curated experiences. The programme fee does not include travel to and from the University.
- Need-Based Scholarships are available. Please contact us for the same.

## ▼ Structure of the Programme

During the eight-day programme, students will undergo a mix of disciplinary masterclasses, hands-on problem solving, immersion into local and University culture, and a variety of skill-building sessions. Students will also have the choice to attend sessions by faculty experts on different disciplines and programmes.

The highlight of the Programme is the thematic studio based around a grand challenge. Each student will work on a real-life project in small groups. These projects will involve inputs from multiple disciplines and methods and require students to think analytically and apply a set of concepts to design a solution to a real-world problem.



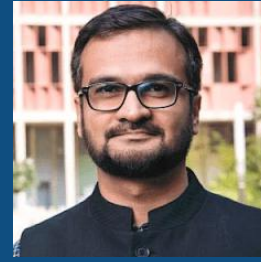
## GRAND CHALLENGE MENTORS



**ADITYA VAISHYA**  
Assistant Professor, Physics  
PhD, National University of  
Ireland



**MINAL PATHAK**  
Associate Professor,  
Global Centre for Environment  
and Energy  
PhD (Gujarat University and the Indian  
Council of Medical Research)

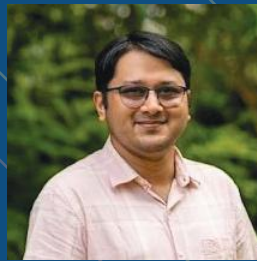


**KUNAL MANKODI**  
Senior Lecturer  
Amrut Mody School  
of Management  
PhD (Ganpat University)

## DISCIPLINARY STUDIO FACILITATORS



**TANVI RANGWALA  
SHAH**  
CEO  
VentureStudio



**MANJIL SAKIA**  
Assistant Professor,  
Mathematical and  
Physical Sciences  
PhD (University of Vienna, Austria)



**AMIT SINGH**  
Assistant Professor  
Technology, Operations and  
Decisions Sciences  
PhD (IIT Kharagpur)



**SARTHAK BAGCHI**  
Assistant Professor  
Social Sciences  
PhD Candidate (Leiden  
University) Bengaluru



**RAJESH NAIDU**  
Assistant Professor  
Performing and Visual Arts  
Master of Fine Arts in Studio  
Arts/Painting (Indiana State University)

## PROGRAMME DIRECTOR

**JUHI BANSAL**  
Senior Associate Director  
Centre for Learning Futures



## IMPORTANT DATES




June 29 - July 6, 2024

# APPLY NOW

<https://shorturl.at/zBGQ0>



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