

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 28-July 5, 2025



Immersive | Transformative | Residential

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

Ahmedabad

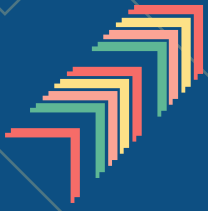
Grand Challenges Programme



- A unique programme designed for outstanding students of Grades X, XI, and XII (By May 2025)
- 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.



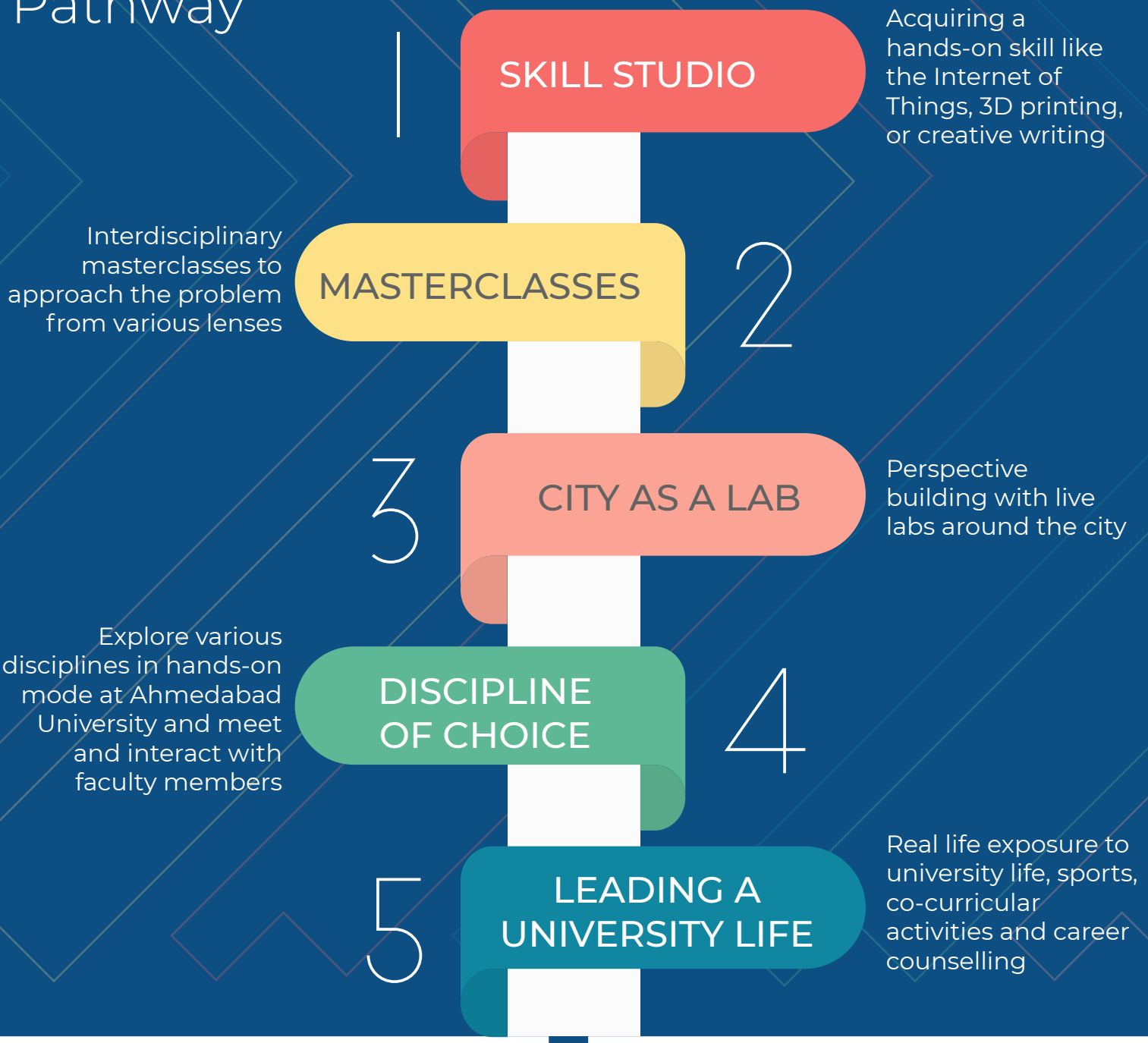


HALLMARKS OF THE AHMEDABAD GRAND CHALLENGES PROGRAMME

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 2025) 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 CHALLENGES PROGRAMME

Mentors and Facilitators in the past years



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)



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



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)



MARYAM KAVESHGAR
Assistant Professor, Robotics
PhD (National Technical
University of Ukraine)



MAYA RATNAM
Assistant Professor
Social and Political Sciences
PhD (John Hopkins University)

PROGRAMME DIRECTOR




JUHI BANSAL
Senior Associate Director
Centre for Learning Futures





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