THE UNIVERSITY OF QUEENSLAND
AUSTRALIA
CREATE CHANGE

India – Exploring AI in the Petabyte Age

20th - 30th Jan. 2027



Thapar Institute of Engineering & Technology

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

- Key Indian partner
- Respected technical education
- Innovation & social impact
- Joint research
  - Centre of Excellence in Data Science & AI



Data Science & AI

- 48 Projects
- 105 TIET Researchers
- 30 UQ Researchers
- Focus
  - Health & Medicine
  - Education
  - Behavioural Science
  - Energy & Environment
  - Cybersecurity
  - Sustainable Infrastructure
  - Smart Agriculture



Thapar Campus

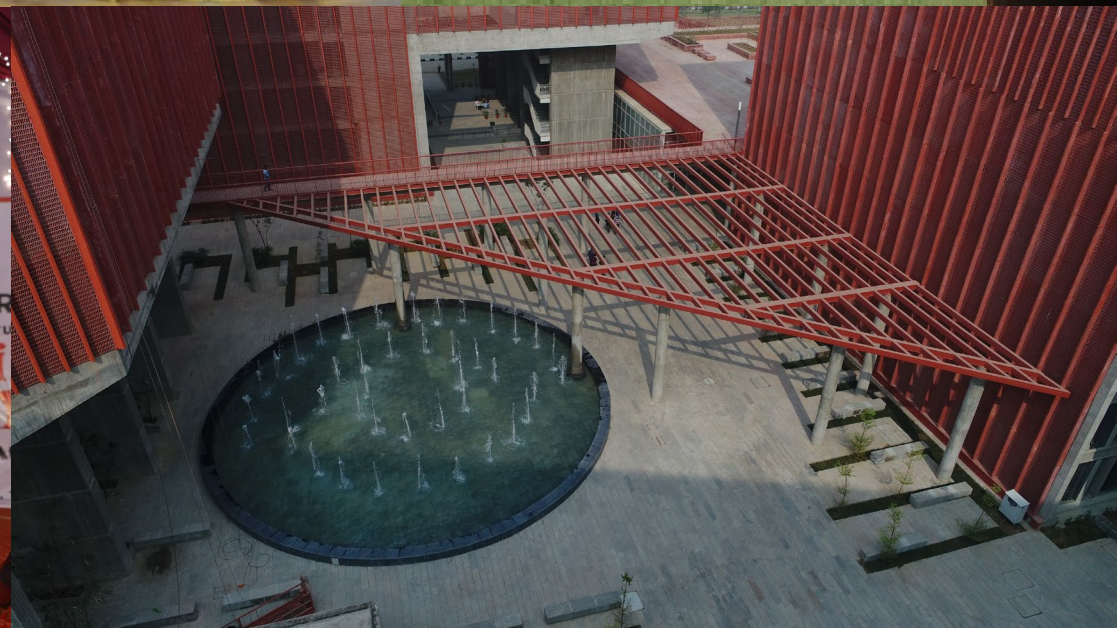












India

- Iconic Historical Monuments
  - Magnificent forts, palaces, and ancient temples
- Diverse Natural Landscapes
  - Himalayas, Beaches, Deserts, …
- Rich Culture and Heritage
  - Traditions, festivals, music, dance, art, and architecture
- World-Renowned Cuisine
  - Spicy curries and street food to vegetarian specialties and traditional sweets



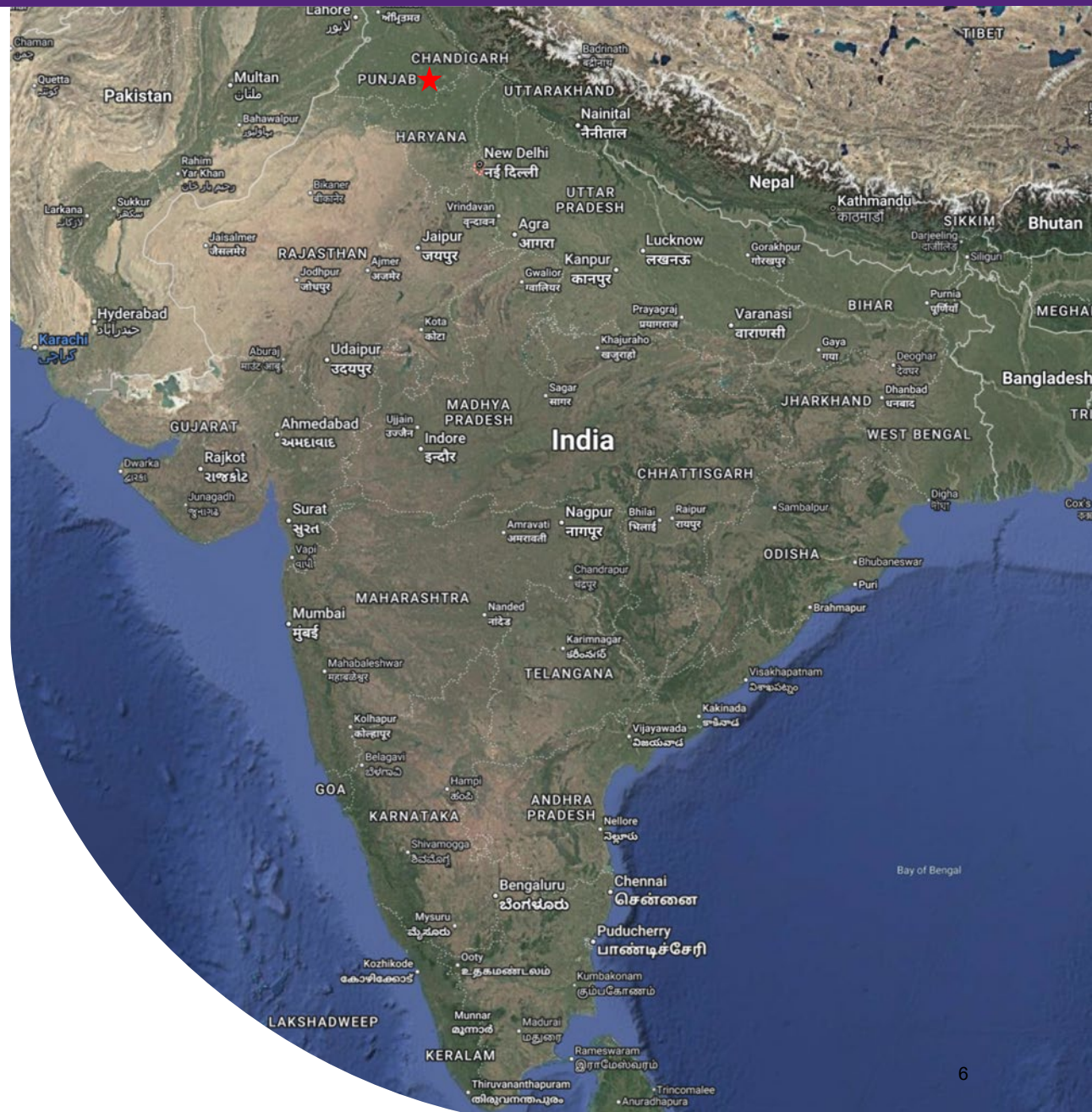






Patiala

- Population ~750,000
- Southeastern Punjab
  - Northern India
- Known as the
  - Royal City and the Beautiful City
- Average temperature in Jan.
  - 6º - 22º Celsius
  - Drier time of year



Program

- AI Training
  - Foundations of AI
  - Data Preparation
  - Machine Learning
  - Deep Learning
  - Natural Language Processing
  - Deployment
- Innovation Project
  - Use AI to deliver an innovative solution
- Cultural Activities & Excursions
  - Republic Day – January 26
  - Chandigarh



Indicative Costs

- Provided Free
  - AI training
  - Cultural activities & excursions
  - Accommodation & meals
  - Transfers to Patiala
  - Travel insurance
- Flights & Incidentals (approx.)
  - $1000 - $2000 AUD for flights
    - Partially subsidised
  - $100 - $300 AUD for incidentals
  - $40 AUD for a single entry visa



Eligibility

- Bachelor or Master of Computer Science
- Bachelor or Master of Information Technology
- Bachelor of Engineering (Hons) (Software Engineering or Electrical Engineering)
- Bachelor of Engineering & Master of Engineering (BE/ME)
  - Software, Electrical, or Mechatronic Engineering
- Bachelor of Science (Computer Science)
- Master of Data Science
- Master of Cyber Security
- Master of Software Engineering (Professional)
- Completed one year of study (#16 units)
- Minimum cumulative GPA of 4.5
  - Students who have an academic warning or have been required to show cause in their most recent #16 units of enrolment at UQ may not be approved for overseas opportunities, even when their GPA is 4.5 or above
- Participation: Non-Indian citizens or residents

Selection Criteria

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1. **Academic merit**
2. **Motivation for the program**
   - Experience with and interest in AI
   - Preparedness for an intensive AI training program
   - Strong interest in India, Indian IT industry, and studying overseas
3. **IT experience and skills**
   - Program is primarily designed for IT, computer science and software engineering students
   - Electrical & mechatronic engineering students are welcome and encouraged to apply
     - Demonstrate an interest and knowledge of software development and AI in the sections available in the application form

Application Deadlines

16 Oct – Applications Due

26 Oct – Students notified of application outcome

31 Oct – Student notification of acceptance due

Mid-Nov – Must have a valid passport

Early Dec – Must have flights booked

Early Jan – Must have eVisa

Selection based on academic merit and response to application criteria

More Information & Application

https://tiny.cc/ncp-info