



AUA-IIT Bombay Overseas Study Program 2023-24

Tropical dynamics & Global monsoon

When: 17th June, 2024 to 21st June, 2024

Where: Indian Institute of Technology Bombay (IIT Bombay), India

Who: UG, PG, or Ph.D. students with basic knowledge and interest in Climate Science, and a bit of computer programming skill (knowing it will be good but not essential) is encouraged to apply.

Program Schedule:

Date	Time	Topic
17 th June 2024	9:00 am to 12:00 noon	Dynamics of large-scale monsoon
	2:00 pm to 4:00 pm	Hands on session: Use of python to handle climate data
18 th June 2024	9:00 am to 12:00 noon	Monsoon variability
	2:00 pm to 4:00 pm	Hands on session: Use of python to visualise monsoon features
19 th June 2024	9:00 am to 12:00 noon	The coupled monsoon system
	2:00 pm to 4:00 pm	Hands on session: Monash climate model
20 th June 2024	9:00 am to 12:00 noon	The changing tropics and monsoon
	2:00 pm to 4:00 pm	Hands on session: Flavour of Global Climate Models and handle CMIP6 model data
21 st June 2024	9:00 am to 12:00 noon	Cloud microphysics, precipitation and monsoon
	2:00 pm to 4:00 pm	Hands on session: Use of Direct Numerical Simulations & flavour for Large Eddy Simulations

* Students are requested to carry their laptops as it will be required during the hands-on training sessions.

What we provide:

(1) Invitation Letters

- (2) Airport Pickup & Drop off
- (3) On campus accomodation (16th June 2024 to 23rd June 2024)
- (4) Meals (Breakfast, Lunch, Dinner)
- (5) Registration fee USD 65

Deadline for Registration: Kindly send the details in the google format by 15th April, 2024