

IIT BOMBAY VIRTUAL GLOBAL WINTER SCHOOL 2024



“ज्ञानं परमं ध्येयम्”
“Knowledge is the Supreme Goal”



Please join our fully virtual global winter school. There will be two course sessions offered this year

December 2 – 6, 2024

December 9 – 13, 2024

Please complete the Google Form to indicate your interest. There is no fee to participate. Course list, student participation, and course timings will be confirmed prior to the beginning of the first session. Applications are due November 1, 2024 at 11:59 PM IST.

<https://forms.gle/q1nYWwRJURYTJXcHy9>

**EMPOWER YOUR
GLOBAL LEARNING WITH
OUR EXPERT FACULTY**



Session 1 – December 2 – 6, 2024

- Cognition, Emotion, and Mindfulness
- Power Electronics
- ‘Becoming’ an Entrepreneur: Leveraging Your University and Local Ecosystems
- Waste to Energy
- Introduction to Soft Matter Physics: Fundamentals, Experiments, and Methods
- Theory and Technology of Silicon Solar Cells
- Micromachining of Engineering Materials
- Sustainable Marine Engineering and Blue Economy
- Contemporary Indian Philosophy
- Introduction to Biostatistics***

***This course will be offered on December 5, 6, 11, 12, 13

Session 2 – December 9 – 13, 2024

- AI EdTech Product Sprint: From Vision to Validated MVP in 5 Days
- Introduction to Systems Biology
- Data Driven Modelling of Flows
- Sustainable Buildings
- Structural Biology with cryoEM
- Online Machine Learning and Optimization
- AI and Policy