Indian Institute of Technology Bombay
Offers

Introduction to Numerical Optimization

2022-Online Summer School

About Course

Students will be able to

- Understand the concepts and theory of optimization,
- Understand their applications in the field of engineering and other areas,
- Learn and apply methods that can be handy in solving typical non-linear optimization problems,
- Practice basic computer implementation of optimization algorithms

Instructor

Prof. Avijit Maji
Professor
Transportation Systems Engineering
Department of Civil Engineering

The Attendee:

UG and PG
Duration: 1.5 Hours per day for 10 days

Preparation required:

Basic knowledge of

- calculus,
- numerical methods,
- algorithm development,
- computer programming

Register:

Registration Link