

## Program Overview

The main objective of the course is to impart knowledge about disaster mitigation strategies from an individual building design to urban planning level. The course will emphasize on comprehensive understanding of Hazard, Vulnerability, Risk and Resilience at both building level and city scale. The mitigation techniques will address both natural and manmade disasters. Natural disasters to be covered include – Earthquake, cyclone, flood and landslide. While man-made disasters shall span climate change and its impact, Fire mitigation strategies and more. The theoretical lectures will be supplemented with inputs from current research and relevant case studies along with tutorials.

## Course Outline

### Special Lectures/ demonstration on:

- ✓ Overview on Disaster and its types
- ✓ Landslides and hilly area planning
- ✓ Flood and cyclone related capacity building
- ✓ Earthquake responsive design techniques
- ✓ Disaster Risk due to Climate change
- ✓ Manmade Disasters

**Tutorial :** Earthquake responsive design tutorial as per IS1893

### \*NOTE:

E-Certificate shall be provided after successful completion of Course.

E -Handbook containing salient points/highlights from each lecture shall be provided

## Department of Architecture & Regional Planning

### Principal Coordinators:

Dr. Priyanka Dey

(8697022072) priyanka@arp.iitkgp.ac.in

Dr. Arup Das

(9932574079) arup.das@arp.iitkgp.ac.in

Dr. Shankha Pratim Bhattacharya

(9474602101/ 8670682049) spb@arp.iitkgp.ac.in

Contact Us

## Program Fee

Faculty and Professionals:

**Rs. 2000/-**

Students and Research Scholars:

**Rs. 1000/-**

(\*Including GST)

## Program Schedule

3-Days Online Course

**25-27 March 2022**

(10am - 5pm)

**Last Day of Registration**

**23<sup>rd</sup>**

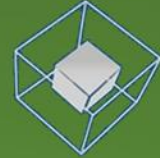
**March 2022**

## Who will benefit (Eligibility)

Faculty -Architecture, Civil engineering, Urban Planning, Environmental Planning, Geography and Poly-techniques. Personnel from Government Institutions, Industry, and Research Organizations, Practicing Architects, Urban Planners, Students - Under graduate, Post Graduate Students and Research Scholars from Architecture and Planning, Civil Engineering, Environmental Planning and Geography.

### How to Apply: Use the link:

<https://erp.iitkgp.ac.in/CEP/courses.htm> to apply ONLINE.



Department of Architecture and Regional Planning  
Indian Institute of Technology Kharagpur

## Online Short Term Course on

# Disaster Risk & Management Strategies

**3-DAYS**

**25<sup>th</sup> -27<sup>th</sup> March 2022**

