

## Bank Account Details for Payments

Account Holder	Jaypee University of Information Technology
Account Number (Current A/C)	0427032100000010
Bank Name & Branch	Punjab National Bank, JUIT Waknaghat
IFSC Code	PUNB0637100

**For payments through UPI:**

**UPI ID:** 9816094184m@pnb

**Merchant Name:** Jaypee University of Information Technology

**QR Code for Payments:**



## Registration Fees

Designation	Participation Fees
Students (UG, PG, PhD)	Rs. 200/-
Faculty, Research Professionals, Industry Professionals	Rs. 400/-

The registration fees includes access to all the sessions of the workshop as well as a 'Handbook for Disaster Risk Assessment' which will be compilation of all the lecture notes from the workshop.

## Registration Process

Make the payment as per above table to the account given. Scan the QR Code or go to the link given below to access the Google Form. Fill out all the necessary details along with the payment details. An email will be sent to the participants whose payment details are verified.

**Registration Starts: July 12, 2024, 10 am**

**Last Day to Register: July 21, 2024, 11.59 pm**

SCAN ME



**Registration Link:**

**<https://forms.gle/6LFeTp5S UyhL8Zes9>**

# One Week Online Workshop on Disaster Risk Assessment

**July 22-27, 2024**

**Organized By:**

Center for Structural Engineering and Disaster Management  
Civil Engineering, JUIT, Waknaghat

**in Partnership with:**

Indian Institute of Technology, Mandi

**Workshop Coordinators**

Dr. Sugandha Singh, JUIT  
Dr. Shivang Shekhar, IIT Mandi

## About The Workshop

Indian subcontinent faces multiple natural as well as manmade hazards within a year.

From earthquakes to landslides and from fire to industrial disasters, the human lives and infrastructure of the subcontinent. The students, researchers, and professionals working in this area, must understand the basics of conducting hazard and risk assessment to move towards a more robust modelling and design of infrastructure of the Indian subcontinent.



# Jaypee University of Information Technology, Wagnaghat, H.P.

The JUIT was conceived by a joint vision of the Govt of Himachal Pradesh and the Founder Chairman of Jaypee Group Shri JaiPrakash Gaur ji in 2000. JUIT Wagnaghat offers a challenging academic environment to its students. It aims to instill the habit of life-long learning and therefore, provides a learner-centric rather than a teacher-centric educational process. The system has been designed to provide students the freedom to learn what they want to learn at a pace determined by them. Post-graduate students are encouraged to develop independence in thought and action as well as the ability to develop solutions that fit problem requirements. These students are trained to acquire the capability to deploy appropriate technology paradigms for given tasks, explore new technology, and lead teams to solve complex problems.

## Civil Engineering Department

Undergraduate and Post Graduate Programs in Civil Engineering at JUIT Wagnaghat have been developed to meet the latest requirements of the infrastructural development of our country in areas like Construction, Transportation, Hydropower and Environmental Engineering. The curriculum has been developed to keep it more practical and industry oriented without compromising on its academic rigor.

## Objectives of the Workshop

The workshop is designed to follow the capacity building target of United Nation's Sustainable Development Goal No. 11 (Sustainable Cities and Communities). To fulfill the same, the familiarity with the concepts of analysis and design to sustain any hazard is very important. Hence, the major objectives of this workshop are as follows:

- To familiarize students, faculty, and industry professionals working in the disaster management to conduct robust risk assessment of various disasters.
- To introduce the basics of deterministic and probabilistic risk assessment for different hazards.
- To enable participants to be able to use similar concepts in various other disasters such hurricanes, pandemic, economic crisis, etc.

## Participants

The workshop is open for all students, faculty members, researchers, and industry professionals working in the field of disaster risk assessment and management.

## What Participants will Gain?

Each registered participant will receive an exclusive copy of the '**Handbook on Disaster Risk Assessment**' as well as a Certificate of Participation. A Certificate of Merit will be awarded to the participants who perform well in the short quiz at the last day of the workshop.

## Workshop Itinerary (Tentative)

**Day 1: July 22, 2024 (10 am onwards)**

**Hazard Type: Earthquakes**

**Dr. Sugandha Singh**

**Assistant Professor, JUIT**

Probabilistic Seismic Hazard Analysis

**Dr. Shivang Shekhar**

**Assistant Professor, IIT Mandi**

Probabilistic Seismic Risk Assessment



**Day 2: July 23, 2024 (9.30 am onwards)**

**Hazard Type: Floods**

**Dr. Saran Srikanth Boddla**

**Graduate Faculty, NCSU**

Probabilistic Flooding Risk Analysis

**Dr. Ankit Agarwal**

**Assistant Professor, IIT Roorkee**  
Probabilistic Flooding Hazard Assessment



**Day 3: July 24, 2024 (9.30 am onwards)**

**Hazard Type: Landslides**

**Dr. Maheshreddy Gade**

**Associate Professor, IIT Mandi**

Landslide Hazard Analysis and Susceptibility Mapping

**Dr. Kala Venkata Uday**

**Associate Professor, IIT Mandi**

Landslides Prediction and Mitigation Techniques

**Dr. Tanmay Gupta**

**Assistant Professor, JUIT**

Post Landslide Assessments



**Day 4: July 25, 2024 (9.30 am onwards)**

**Hazard Type: Fire and Industries**

**Dr. P. Ravi Prakash**

**Assistant Professor, IIT Jodhpur**

Structural Fire Hazards

**Dr. Asit Patro**

**Deputy Director, Disaster Management Institute, M.P.**

Consequence Analysis and Quantitative Risk Assessment of Hazards in Industries



**Day 3: July 26, 2024 (9.30 am onwards)**

**Dr. Subir Sen**

**Associate Professor, IIT Roorkee**

Economic Effects of Disasters

## Contact Us

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