

## ABOUT



### Indian Institute of Technology Indore

IIT Indore stands as a prominent institution of higher learning in India. Founded in 2009, it graces the city of Indore in Madhya Pradesh with its presence. Renowned for its unwavering commitment to academic excellence, cutting-edge research, and the cultivation of highly skilled engineers and scientists, IIT Indore is a bastion of technological prowess.

## ABOUT

### The DST CPR



The Centre focuses on the technological innovations of water resources, climate change, and intellectual property rights. The Centre was established in 2023.

## ABOUT

### The Speaker



Prof Vinod Kumar Gaur an Indian seismologist a former director of the National Geophysical Research Institute, Former Secretary of the Ministry of Earth Sciences, and an honorary emeritus scientist at CSIR Fourth Paradigm Institute. He is known for his prediction of the April 2015 Nepal earthquake. He is awarded with the Shanti Swarup Bhatnagar Prize for Science and Technology, one of the highest Indian science awards.

**Prof. Manish Kumar Goyal**

&

**Prof. Ruchi Sharma**

IIT Indore, Simrol 452020, Indore, MP

✉ [mkgoyal@iiti.ac.in/ruchi@iiti.ac.in](mailto:mkgoyal@iiti.ac.in/ruchi@iiti.ac.in)

☎ 07316603288

## ABOUT

### The Event

The workshop on “AI and Disaster Management” at IIT Indore will bring together experts and students to understand role of artificial intelligence in reducing casualties during disasters. The event will focus on AI’s potential in early warning systems, real-time risk assessment, and efficient resource allocation to minimize human loss. Participants will learn how AI-driven technologies improve emergency response, enhance decision-making, and build resilient communities, ultimately saving lives and reducing the devastating impact of natural and man-made disasters.

### Objectives

The major objectives of the workshop “AI and Disaster Management” are:

- Understand the role AI in casualty reduction and improve emergency response.
- Examine the relationship between causality, complexity, and AI-driven decision-making in disaster scenarios.
- Identify opportunities and challenges of applying AI technologies in disaster risk management and recovery.
- Promote cross-disciplinary knowledge sharing between AI, disaster science, engineering, and public safety sectors.

### Registration

Participants are requested to fill out the registration form by September 12, 2025. To fill out the registration form, click [here](#).

## One-day Workshop

On

# AI and Disaster Management

**September 15, 2025**

ORGANIZED BY



**Indian Institute of Technology  
Indore**

Simrol, Indore 452020,  
Madhya Pradesh, India