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Dr. P. Rama Mohan Rao

Professor & Director,

Centre for Disaster Mitigation and Management.

### Faculty Coordinators

Dr. Kavitha M. S

Assistant Professor,

CO<sub>2</sub> Research and Green Technology Centre

Dr. Priyadharshini B

Assistant Professor,

Centre for Disaster Mitigation and Management.



# VIT<sup>®</sup>

Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

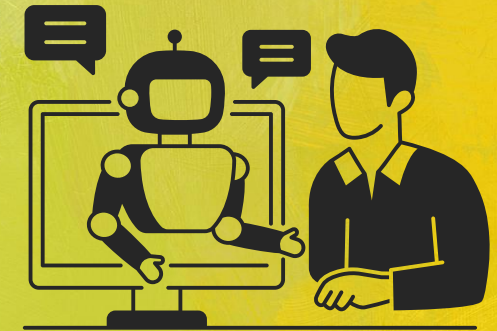
**One-day Hands-on Workshop  
On**

**Strategic Literature Searching and**

**AI-assisted Research Gap**

**Identification**

**11<sup>th</sup> May 2026 | Hybrid Mode**



*Organized by*

**Centre for Disaster Mitigation  
and Management (CDMM)**

**Vellore Institute of Technology,  
Vellore, 632014.**

**Tamil Nadu, India.**

## About VIT

VIT was established to provide high-quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in teaching and research spur us on in our relentless pursuit of excellence. Our Memoranda of Understanding with various international universities are our major strength.

## About CDMM

The Centre for Disaster Mitigation and Management (CDMM) is a multidisciplinary research Centre focused on disaster risk reduction and resilience. Its core activities include disaster education, specialized mitigation services, and the development of a disaster knowledge network. The Centre brings together expertise in structural and geotechnical engineering, geology, geospatial technology, and climate modeling, with research spanning hazard mapping, vulnerability assessment, risk analysis, and disaster forecasting. CDMM actively supports research, training, and policy-relevant solutions to address emerging disaster risks at the regional and national levels.

## About the workshop

In the era of information overload, the ability to find, filter, and synthesize research is a critical skill. This workshop empowers researchers to transition from fragmented data exploration to evidence-based problem definition. Participants will master systematic search strategies using Boolean logic across major databases and leverage cutting-edge AI tools to efficiently screen literature. By learning to identify and validate meaningful research gaps, attendees will gain the methodological rigor necessary to formulate high-quality, impactful research questions.

## Objectives of the workshop

- Reproducible Search: Master Boolean logic for systematic, replicable results.
- Database Mastery: Compare and navigate major global academic databases.
- AI Integration: Use AI tools for rapid literature screening and synthesis.
- Gap Discovery: Apply frameworks to identify and validate research voids.
- Precision Questions: Transform gaps into high-impact research questions.

## Target audience

PG Students, Research Scholars, and Faculty (All Disciplines).

## Resource person

### Dr. Priyadharshini B

Assistant Professor,  
Centre for Disaster Mitigation and Management.  
VIT Vellore.

## Registration

Last date of registration: 09/05/2026

Register online at:

Registration fees (Inclusive of GST)

Category	Fees
Student/ Research scholar	Rs. 150/-
Faculty member	Rs. 250/-

Payment should be made online only using the link provided: <https://events.vit.ac.in/>

## Venue

### CDMM 213,

Centre for Disaster Mitigation and Management,  
VIT, Vellore - 632014.

### For further details contact:

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