# HIVE 3.0 | Call for Poster Presentation
# Theme: Multimodal AI
### A Symphony of Senses in the Digital Realm

**March 30-31, 2026 | IIT Mandi Campus | Organized by IIT Mandi TIH**

**HIVE 3.0** invites **poster submissions** presenting original research, prototypes, case studies, and early-stage ideas in the broad domain of **Multimodal AI.**

Poster sessions are designed to promote interactive discussions, knowledge exchange, and direct engagement with experts from academia, industry, and the innovation ecosystem.

## Thematic Areas

Submitted posters should align with one or more of the following thematic areas:

### 1. Multimodality in Healthcare Diagnostics

- Fusion of medical imaging, clinical text, speech, bio signals, and sensor data
- AI-assisted diagnosis, patient monitoring, and clinical decision-support systems

### 2. Multimodality in Education Systems

- Intelligent tutoring systems leveraging speech, vision, text, and interaction data.
- Learning analytics, assessment technologies, and inclusive education solutions.

### 3. Multimodality AI in Media and Entertainment

- Content understanding, recommendation systems, sentiment analysis, and immersive experiences.
- Audio-visual analytics, generative media, and human–AI interaction.

### 4. Multimodality AI in Agriculture

- Crop monitoring using vision, satellite imagery, IoT sensors, and weather data.
- Precision agriculture, supply-chain intelligence, and rural AI applications.

### 5. Others

- Smart cities, manufacturing, retail, robotics, finance, governance, and emerging domains.
- Novel datasets, benchmarks, tools, and frameworks for multimodal AI.

## Who Can Submit?

Poster submissions are open to:

- Faculty members and academic researchers
- PhD scholars, postgraduate, and undergraduate students
- Industry professionals
- R&D laboratories

## Submission Guidelines:

### 1. Poster Quality Guidelines

- Use high-resolution images (300 dpi)
- Maintain a clear contrast between the background and text
- Use 2–3 colours maximum

- Recommended font sizes:

- Title: 90–110 pt
- Headings: 55–70 pt
- Body text: 32–40 pt
- Ensure logical flow: Title → Abstract → Introduction → Methodology → Results → Applications → Conclusion → QR Codes → References
- Avoid overcrowding: aim for 40% text and 60% diagrams/visuals

### 2. Research Work Requirements

- Explain multimodality (text + image + audio + video + sensor fusion)
- Include literature review (4–6 references)
- Mention datasets with source, size, and modality type
- Describe the background of existing multimodal AI systems
- Highlight research gaps your work solves

### 3. Abstract Writing Guidelines

An abstract should include:

- Background – Why Multimodality?
- Problem – How multimodality is addressing this challenge through the poster?
- Method – Modalities used and model type with the fusion methods
- Results – Key performance highlights
- Conclusion – Impact and application

### Sample Abstract:

*This poster presents a Multimodal AI system integrating image, text, and audio inputs for real-time diagnostics. Using a fusion model that combines vision and language features, the system demonstrates improved prediction accuracy. Trained on medical images and clinical notes, the overall accuracy achieved is 92%. The results indicate that multimodal fusion significantly enhances interpretability and decision-making across various healthcare scenarios.*

### 4. Methodology / Approach

Recommended pipeline structure:

Input Modalities → Preprocessing → Feature Extraction → Fusion Layer → Model Prediction → Output

### Fusion Techniques:

- Early Fusion (combine modalities at input)
- Late Fusion (combine outputs)
- Cross-Attention Fusion (best for complex interactions)
- Encoder–Decoder fusion (vision encoder + text decoder)

## 5. QR Code & Link Section (For Poster)

Include QR codes for:

- Full project report
- GitHub repository
- Dataset link
- Demo video
- Contact information

## 6. Link to submit: https://form.typeform.com/to/OJoHdOOh

## Important Dates:

- **Poster Submission Deadline:  9th Mar 2026**
- **Notification of Acceptance: 14th Mar 2026**

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