



## Registration Timeline

<b>Workshop Registration</b>	Saturday, February 07, 2026
<b>Student Design Exhibition Registration</b>	Saturday, February 07, 2026

## Speakers

**Dr. HARA Kota**  
Borzoi AI Inc. CEO  
Visiting Associate Professor, Research Center for Realizing Sustainable Societies, The University of Electro-Communications, Tokyo, Japan

## Registration Charges

### INDIAN

Participants From Industry	: ₹ 5000
Participants From Academia/ Research Organizations	: ₹ 3000
Students	: ₹ 500

### ABROAD

Participants From Industry	: USD 300
Participants From Academia/ Research Organizations	: USD 300
Students	: USD 100

Registration Can Be Made In The Form Of Non-Refundable Demand Draft In Favour Of "**PDPM IIITDM Jabalpur**".

Or

Online Payment As Per The Details Below:

Account Name : PDPM IIITDM Project Account 02



Account No. : 50493049746



Bank : Indian Bank, Mehgawan, Jabalpur



IFSC Code : IDIB000M694



UPI QR Code

## Coordinators

<b>Prof. Tanuja Sheorey</b> PDPM IIITDM Jabalpur E-Mail: tanush@iitdmj.ac.in	<b>Dr. Ranjeet Kumar Ranjan</b> PDPM IIITDM Jabalpur E-Mail: ranjeet.kr@iitdmj.ac.in
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<https://www.iitdmj.ac.in/dew.iitdmj.ac.in/Home.html>

Contact: [dew10.0@iitdmj.ac.in](mailto:dew10.0@iitdmj.ac.in)



10.0

# DESIGN WORKSHOP

12-14 February, 2026

on

**Symbiotic AI in Industry 5.0**  
(Integrating LLMs for Decision Support and Co-creation in Next-Generation Manufacturing)

Organised by



PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur

In collaboration with



外務省

Ministry of Foreign Affairs, Japan

## About DeW 10.0

The 10th annual Flagship event of IIITDM Jabalpur, Design Workshop (DeW 10.0), will be organised by the Institute in collaboration with the Ministry of Foreign Affairs (MoFA), Japan from February 12-14, 2026. The primary focus of this year's DeW 10.0 is Symbiotic AI in Industry 5.0, with a sub-theme of Integrating LLMs for decision support and co-creation. The aim of DeW 10.0 is to explore methods, cases, and co-creating tools, in which AI systems and humans work as teams in order to jointly solve problems and achieve goals that were unreachable by either humans or machines alone.

The integration of Artificial Intelligence (AI) into the manufacturing, services, and healthcare is transforming the industry by advancing predictive maintenance, quality control, and supply chain optimisation. Towards a more human-centric and sustainable vision, Industry 5.0, places the workforce at the centre of the production process with emphasis on resilience, ethical innovation, and the symbiosis between humans and intelligent systems. Human-centered AI (HCAI) focuses on creating systems designed and developed by augmenting human intelligence with machine intelligence. However, challenges such as the "black box" nature of AI models, data biases, ethical concerns, and the lack of regulatory frameworks hinder its widespread adoption. The workshop aims to bring together people from industry, startups, product developers, research and academics, to share their expertise and technical know-how on related areas including challenges presently are faced for widespread implementation.

The workshop will emphasize on the concepts related to AI as a computational system that can perform tasks typically requiring human intelligence. With humans in the loop, and the current development in generative AI such as large language models (LLMs) and agentic AI, organisations are performing intelligent data acquisition, management, and processing to analyse large datasets, extract meaningful insights, that support informed decision-making.

However, every new technology comes with challenges. Adopting LLM presents challenges like limited algorithmic transparency leading to distrust, data security especially where the information processed is sensitive in nature. Eminent experts from Japan and India, including academicians, product developers, researchers/scientists and industry experts will share their expertise and knowledge.

## Design Exhibition

### Artificial Intelligence and Engineering for Societal Good

In the contemporary world where Engineering and Artificial Intelligence oriented innovations have impacted the quality of human lives significantly, the Design Exhibition with the theme **Artificial Intelligence and Engineering for Societal Good** invites students to showcase their projects to bridge the gap between theoretical research and real-world applications explore innovative solutions that enhance our quality of life. The main goal of this exhibition is to enable the students highlight their innovative projects and prototypes in the field of Healthcare Technologies, GreenTech, AgriTech, Smart Infrastructure, Safety and Assistive Devices, Robotics, Artificial Intelligence, Energy to name a few. The Design Exhibition is an opportunity to impact human lives positively and address societal issues through innovative thinking and cost-effective designs.

#### Eligibility:

1. Participants should be bonafide students of any stream either at the Undergraduate or postgraduate level in any recognized Institute.
2. Participants have to furnish a bonafide certificate from the head of the Institute.
3. All submissions should be original.
4. Submissions should be sent through email to: [dew10.0@iitdmj.ac.in](mailto:dew10.0@iitdmj.ac.in)
5. Students must bring their prototype or designed product accompanied by A2 poster describing the design components, features and working principle of the designed product/prototype.
6. All those whose submissions are shortlisted will be invited to present their concept at the IIITDMJ campus during the workshop.

#### Prizes:

There are attractive prizes for the Winners and the Runners up of the Design Exhibition

### Scope

- AI-Driven Industrial Transformation
- Co-creation for Context-Aware Decisions
- AI trustworthiness
- Evaluation and Performance Metrics of HCAI
- Design issues for multimodal-AI interactions in the industrial environment
- Security, privacy, and ethical issues in AI deployments

### About IIITDM Jabalpur

PDPM IIITDM Jabalpur, an Institute of National Importance, established by the Government of India in 2005, focuses on IT-enabled Design and Manufacturing. Since its inception, PDPM IIITDM Jabalpur has been playing a vital role in producing quality human resources for contribution to India's mission of inclusive and sustainable growth through education and research. The Institute offers undergraduate, postgraduate, and PhD programmes in Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering, and Smart Manufacturing, Masters program in Mechatronics, along with PhD programmes in Mathematics, Physics, and English.

The Institute has an abode in 250 acres of rich lush greenery in Dumna Jabalpur. It is 5.5 km from Dumna Airport and 10 km from the main railway station. To learn more about the Institute please visit.

### About MoFA, Japan

The Ministry of Foreign Affairs (外務省, Gaimu-shō) is an executive department of the Government of Japan and is responsible for the country's foreign policy and international relations.