About Electronics & ICT Academy at PDPM IIITDM Jabalpur

The Ministry of Electronics and Information Technology (MeitY), Government of India has instituted Electronics and ICT Academies in the year 2015. In the second phase, the academy at PDPM IIITDM Jabalpur aims at scalable training programmes in niche areas of Electronics and ICT for the development of the required knowledge base, skills and tools to unleash the talent of the Indian population. In addition to the faculty development programmes (FDPs) on fundamental and advanced topics in electronics, information and communication technologies, the Academy conducts customized training programmes for students, corporate sectors and research promotion workshops in emerging areas. The Academy is identified by the MeitY as the central hub of activities on training, internships, research, and consultancy programmes.

About PDPM IIITDM Jabalpur

PDPM IIITDM Jabalpur was established in 2005 with a focus on education and research in 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. The Institute offers undergraduate, postgraduate and PhD programmes in Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering, Design and PhD programmes in Mathematics, Physics and Literature. Further, the Institute offers an undergraduate programme in Smart Manufacturing. Under IIIT act, the Institute has been declared as an Institute of National Importance. The Institute campus is developed on 250 acres of land close to Dumna Airport, Jabalpur The Institute is 10 kms from the main railway station and 5.5 kms from Dumna Airport, Jabalpur.

Faculty Development Programme

Human Centered Design (HCD)

HCD is a creative approach to opportunity mapping /problem-solving that puts the needs, experiences, and perspectives of people at the center of the design process. Instead of starting with a technology, business goal, or abstract concept, HCD starts with the real people who will use the product, service, or system — ensuring that the final solution is tailored to them.

At its core, HCD is about empathy, involvement, iteration, context awareness, solution focused and systems specific approach in which the user is an integral part.

Human-Centered Design is widely used in fields like product design, UX/UI, healthcare, agriculture, education, transportation, social innovation and rural development.

Who can attend: The Programme is open to faculty and PhD scholars from all colleges, universities, and technical and professional institutes. Post graduates and Industry personnel working in allied disciplines can also attend.

Important Dates:
Last Date of Online Registration: November 1st, 2025
FDP Dates: November 03rd-07th, 2025

Coordinators:
Dr. Sangeeta Pandit and Dr. Prabir Mukhopadhyay,
Design Discipline,
PDPM IIITDM Jabalpur

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Faculty Development Programme
Human Centered Design
November 03rd-07th, 2025 (Offline mode)

Electronics and ICT Academy

PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur
Dumna Airport Road, Jabalpur 482005

An Initiative of
Ministry of Electronics and Information Technology, Government of India

RESOURCE PERSONS

- Prof Jyoti Kumar IIT Delhi
- Dr. Thaneswer Patel NEREST
- Mr Saket Namepliiwar, Bajaj Auto Limited, Pune.
- Mr Sudhir Kumar Director - SKM Designs Pvt Ltd
- Prof Atul Kumar Shrivastava JNKVV
- Dr Prabir Mukhopadhyay PDPM IIITDMJ
- Dr. Sangeeta Pandit PDPM IIITDMJ

COURSE COORDINATORS

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Course Contents

- Human Centered Design (HCD) : A Systems Perspective
- HCD sectorial approach
- HCD In Product
- HCD in Space
- HCD in Communication
- HCD in Services

All supplemented with real life case studies, followed by hands on session.

Programme Features

- This course will help in understanding human first in the design process as any good design starts with an understanding of human needs, capabilities and behavior with technology.
- Opportunities to connect with experts in the field.
- Sector specific application of HCD with case studies and hands-on sessions
- Certificate on successful completion

Registration Details

- Registration link – Please fill out registration using the following link:
  https://forms.gle/mjhaqDBMJjSi686z5

- Registration fee: 1000 INR

- Last Date for Registration: November 1, 2025

Online Payment Details

Internet Banking
Beneficiary Name: PDPM IIITDM Jabalpur
Bank Name: INDIAN BANK
A/C No. 50018692852
IFSC Code: IDIB000M694

UPI ID:
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