KEY BENEFITS

- 100% free (no fees)
- CDAC certification
- Offline FDP
- Focus on hands on practices
- Peer and professional networking

TARGET PARTICIPANTS

- Faculty/Lab technicians of ITI
- Faculty/Trainers of Polytechnic
- Post Graduate Teachers (PGT) teaching STEM subjects in Schools

REGISTRATION PROCEDURE

There is no registration fee as it is sponsored under the MeitY scheme. Target participants can register for the FDP by filling out the online registration form. Scan the QR code below to register:

FDP HIGHLIGHTS

- 40-hour comprehensive course designed by experts from both industry and academia.
- Blend of theory, hands-on practicals, and pedagogical sessions for effective learning application.
- Sessions led by renowned experts from C-DAC, NITs, and other reputed institutions.

TAKEAWAYS

- Grasp the fundamentals of IoT and AI, their real-world applications, and how they complement each other.
- Acquire hands-on experience with Arduino and Raspberry Pi platforms.
- Learn to collect and transmit sensor data to the cloud.
- Work with Node-RED and the Mosquitto MQTT broker on Raspberry Pi for IoT data handling.

हिमाचलस्य कौशलं भारतस्य गौरवम्

5-days
Faculty Development Programme (FDP)
on

Introduction to IoT and AI

04/08/2025 - 08/08/2025

(Physical Mode)

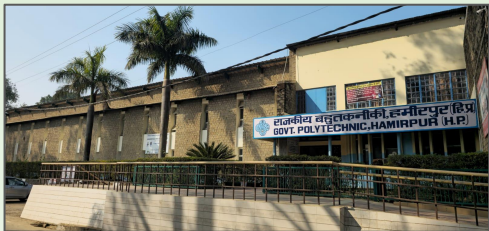**E&ICT Academy, Centre for Development of Advanced Computing, Mohali**

in Collaboration with

Govt. Polytechnic Hamirpur, H.P.

Funded by:

Ministry of Electronics and Information Technology, Government of India

About Govt. Polytechnic Hamirpur

Government Polytechnic Hamirpur, established in 1963, initially offered Civil, Electrical, and Mechanical Engineering, significantly contributing to technical education in the region. To meet evolving industry demands, Computer Engineering and Information Technology were introduced in 2000 and 2001, respectively. In line with current technological trends, a new program in Computer Engineering and IoT will begin with its first batch in 2025. The institute is recognized among the 17 Government Polytechnics in Himachal Pradesh for its excellence in technical education, innovation, and community development.

https://gph.edu.in/

About C-DAC Mohali

Centre for Development of Advanced Computing (C-DAC) is the premier R&D organization of the Ministry of Electronics and Information Technology (MeitY), Government of India for carrying out R&D in IT, Electronics, and associated areas. C-DAC Mohali offers Ph.Ds in Electronics and Information Technology, postgraduate degrees in advanced areas like VLSI design, embedded systems, and electronics product design, and summer and industrial training in the latest technology domains.

E & ICT Academy C-DAC Mohali

The Electronics & ICT Academy at C-DAC Mohali, supported by MeitY, Govt of India, offers short courses, FDPs, and certificate programs online and offline for faculty from engineering colleges, polytechnics, ITIs, technicians, and PG STEM teachers. These programs aim to bridge the gap between industry demands and academic learning, providing a solid foundation for careers in the ICT sector.

www.acsd.ac.in

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