Programme Objective

The six day FEP on EsIoT aims to provide opportunity for faculty members from University Departments, Constituent colleges, Regional offices, Government colleges, and Engineering Colleges affiliated to Anna University to provide in-depth knowledge and understanding of embedded systems and IoT technologies, covering fundamental concepts, architecture, and advanced topics.

Programme Outline

- Introduction to Embedded Systems components and Architecture
- Microcontrollers, Sensors & Actuators
- Instruction set & Programming Embedded C
- Real Time OS for Embedded System
- IoT Architecture & Components
- Hands-on Arduino & Raspberry Pi
- IoT Security and Privacy
- Industrial IoT & Research Directions

Online Registration

Register online https://tinyurl.com/fepesiotmit2024
About the Institute

The Madras Institute of Technology (MIT), a distinguished constituent college of Anna University, was founded in 1949 by C. Rajam. It is celebrated for its pioneering role in engineering education, particularly in AI&DS, aeronautics, electronics, and automobile engineering. MIT’s unique learning environment encourages hands-on experimentation and practical application of theoretical knowledge, producing graduates who are well-equipped for industry challenges.

About the Department

The Department of Information Technology (IT) at the Madras Institute of Technology (MIT), India, is a distinguished academic division renowned for its excellence in IT education and research. Established to address the growing demand for IT professionals, the department offers undergraduate, postgraduate, and doctoral programs aimed at developing proficient IT specialists. The curriculum is designed to provide a strong foundation in core IT concepts and emerging technologies like artificial intelligence, machine learning, cloud computing, and data analytics, ensuring that students are well-prepared for the evolving technological landscape.

Partipants Information

- There is no fee for attending the FDP.
- Open to faculty members (Regular, Ad Hoc, Temporary) from Anna University, its Constituent Colleges, and Affiliated Institutions.
- Selection is based on a first come, first serve basis.
- Register by filling out the Google form online.
- Submit a duly recommended registration form, which must be forwarded by the Head of the Institution.
- Upload a scanned copy of the registration form through the Google form.
- Participants will be notified about their selection via email.
- The FDP will be conducted offline only.
- Participants are required to attend all sessions. Participation in quizzes and tests conducted during each session is mandatory.
- Submission of assignments with a minimum score of 60%. At least 80% attendance is required to be eligible for a certificate.

Contact Us

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The Coordinator - FEP on ESIoT Department of Information Technology Anna University, MIT Campus Chennai - 44

Important Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Last Date for Submission of Application</td>
<td>16.07.2024</td>
</tr>
<tr>
<td>Intimation of Selected Participants</td>
<td>18.07.2024</td>
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<tr>
<td>Last date for E-Mail confirmation By Participants</td>
<td>19.07.2024</td>
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