



**Up-skilling program
in "IoT Technologies"
in collaboration with
C-DAC**

**For candidates belonging
to SC/ST category**

**The Program is funded by the Ministry of Electronics & Information
Technology, Government of India**

(<http://>)

ABOUT THE PROGRAM:

The program is funded by the Ministry of Electronics and Information Technology (MeitY), aiming to Up-skill the candidates belonging to SC/ST category from Engineering, Diploma, and Science by offering training programs in "IoT Technologies" in the online/blended mode by IEEE in collaboration with C-DAC.

PROGRAM OUTCOMES:

- As the demand for IoT based products and solutions are high, there is a requirement for organizations to have the right talent to build these products and solutions. This program will enable candidates to have the right skills and talent to build IoT-based products and solutions.
- The program not only helps candidates to learn the concepts important for IoT but also helps in applying the concepts to real-world problems and build IoT based products.

- The learning will enhance the technical knowledge and extend in-demand functional skills.

PROGRAM BENEFITS:

- Upskill your technical knowledge to become industry-ready
- Designed and developed with industry practices, practical applications, and use cases and covers both hardware & software learning
- Helps to design, and build prototypes & solutions to some of the real-world problems
- Learn the IoT concepts important for Node, Gateway, and Cloud
- Includes embedded systems, sensors, actuators, wired & wireless connectivity, OS for gateway level devices, IoT protocols, cloud technologies, web application, and mobile application development
- Candidates will get joint certificate from IEEE and C-DAC upon the successful completion of learning and assessment
- The program is free for eligible candidates

ELIGIBILITY CRITERIA:

- The program is only for the candidates belonging to SC/ST category
- UG/PG Students in their final year of:
 - Engineering/ Diploma
 - Computer Science (BCA/MCA)
- UG/PG Graduates, currently seeking employment
 - Engineering/ Diploma
 - Computer Science (BCA/MCA)

REGISTER FOR ANY ONE OF THE PROGRAMS BELOW

PROGRAM 1: SOFTWARE IOT

1. Software Foundations
2. Software Development
3. Software Life Cycle Management
4. Software Professional Practices
5. Cloud Computing for IoT Systems
6. Mobile Application Development

PROGRAM 2: EMBEDDED & APPLICATION IOT

1. Embedded Computing for IoT Systems
2. Embedded Sense for IoT Systems
3. Embedded Linux for IoT Systems
4. Drone Application in IoT
5. Communication Models and Protocols for IoT Systems
6. Cloud Computing for IoT Systems
7. Mobile Application Development

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