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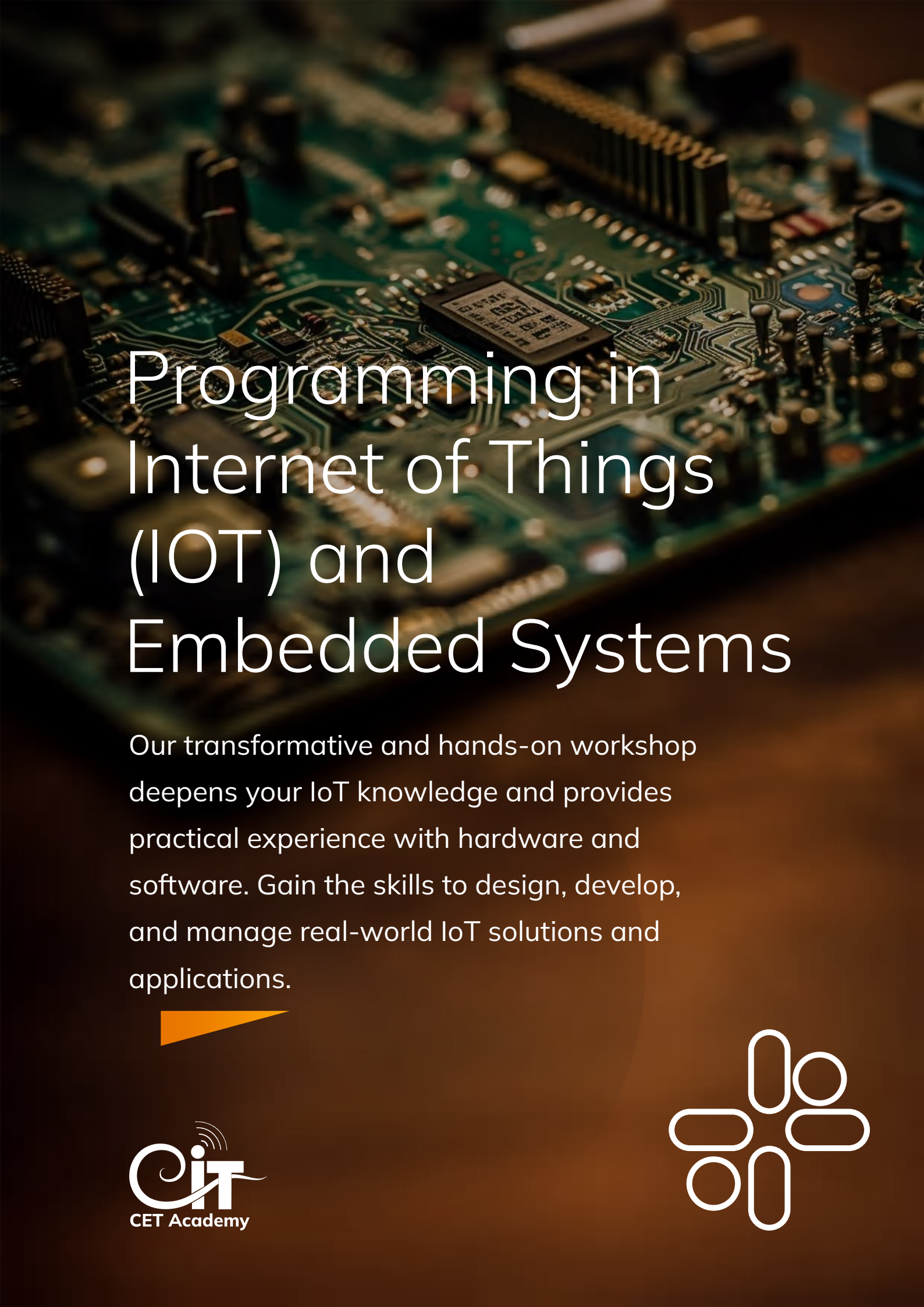
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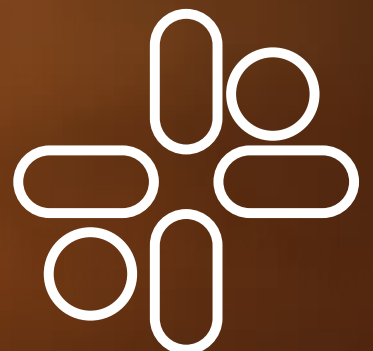
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Programming in Internet of Things (IoT) and Embedded Systems

Our transformative and hands-on workshop deepens your IoT knowledge and provides practical experience with hardware and software. Gain the skills to design, develop, and manage real-world IoT solutions and applications.



Learning **OUTCOME**

By the end of this course,
you will be able to:

Explain IoT
Fundamentals

Understand IoT
Architecture and
Technologies

Share
Hands-On
Experience

Develop IoT
Applications

Implement
IoT

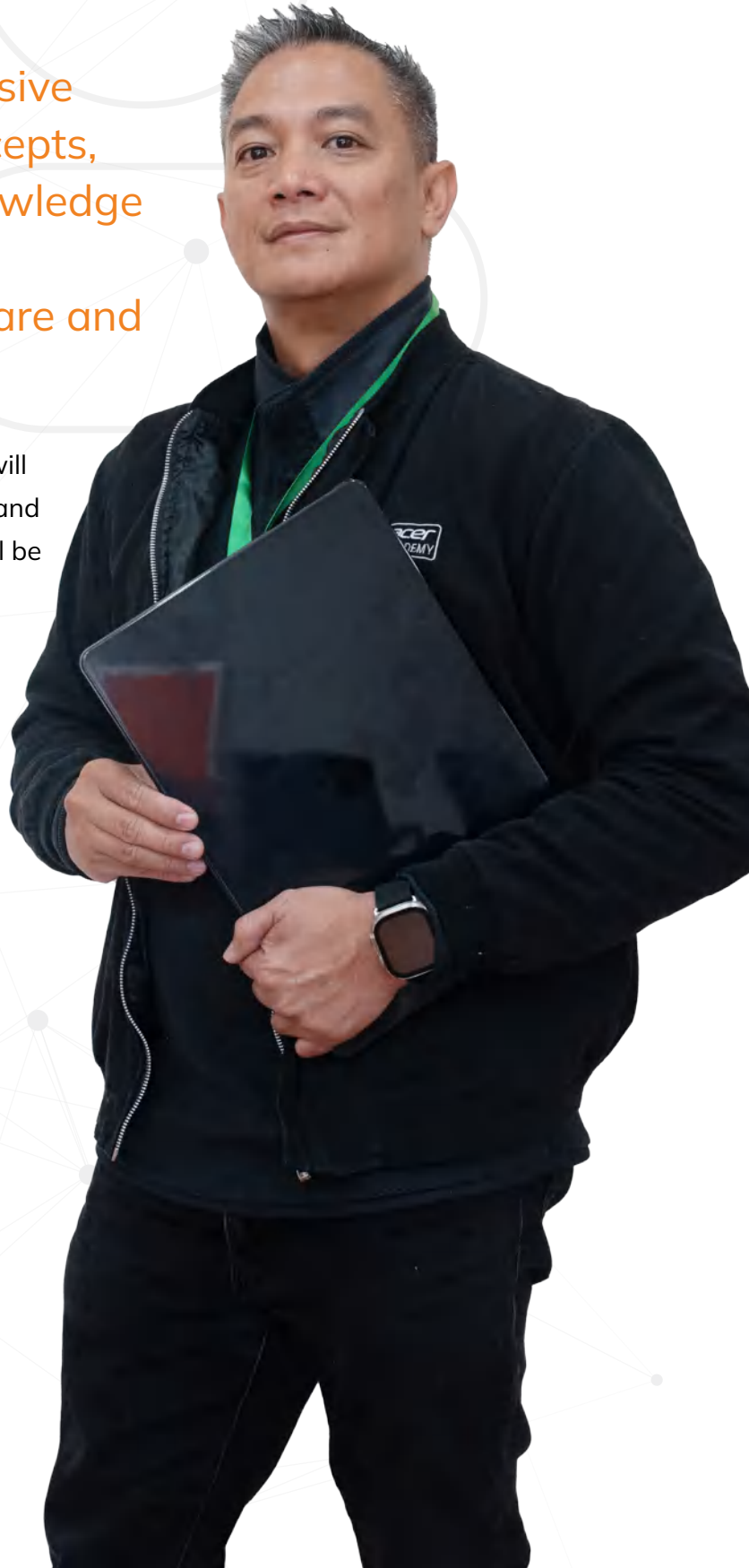
Collect, store, and
analyze data
generated by IoT
devices



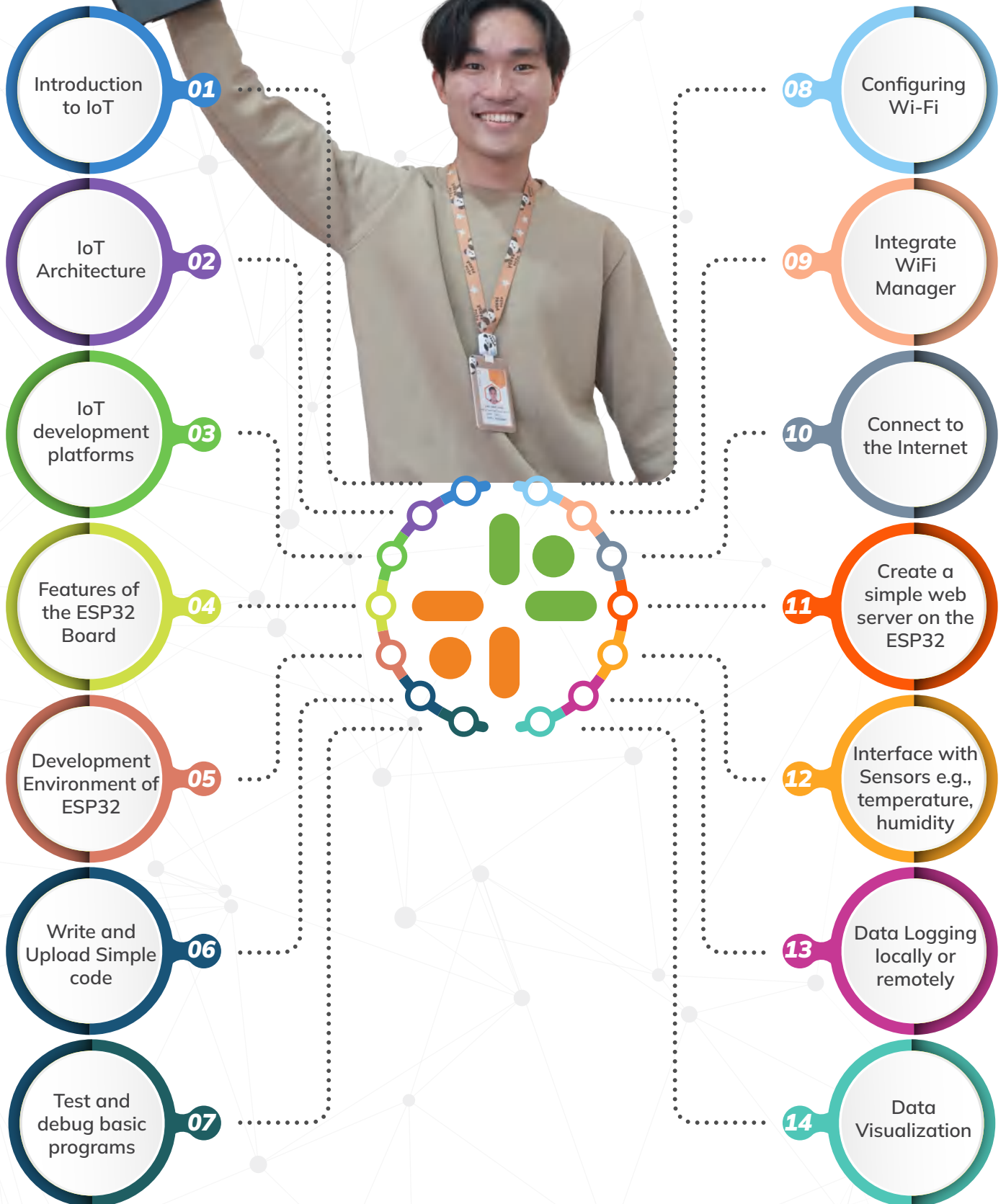
Course **OBJECTIVE**

This workshop offers participants a comprehensive understanding of IoT concepts, combining theoretical knowledge with practical, hands-on experience in both hardware and software.

By the end of the workshop, participants will have the skills needed to design, develop, and implement effective IoT solutions. They will be fully equipped to apply these skills to real-world IoT projects, enabling them to create innovative and impactful applications in the rapidly evolving field of the Internet



Course STRUCTURE



Why This **PROGRAM?**

An IoT workshop holds significant value for a variety of reasons, catering to the diverse needs of individuals and organizations interested in the rapidly growing field of Internet of Things technologies.




It imparts essential knowledge and equips participants with practical skills and up-to-date insights. This makes it an indispensable resource for anyone aiming to explore, implement, or advance their expertise in IoT, whether for personal development or to drive innovation within their organization.



Things To **KNOW**








Prerequisite:



-  OS / ESP-IDF, Node.js, Wokwi simulator
-  ESP32 / Arduino / RaspberryPi / IoT hardwares
-  Technical Staff would be relevant



Minimum computer requirements:



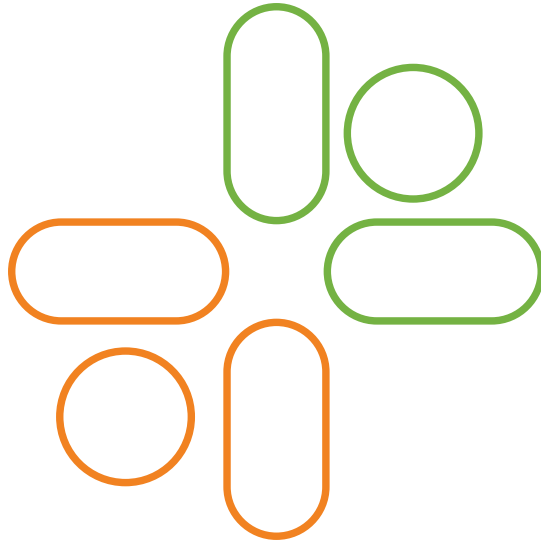
-  Windows 10 / 11 Operating System or later version **(MAC OS is not supported)**
-  Dual-Core CPU at 1.4 GHz or higher (Intel i4 / i6 or equivalent)
-  15 GB disk space available
-  64-bit Processor
-  8 GB RAM
-  Microsoft 2010 or above
-  Connection to Internet with Wi-Fi access

Class Information:



-  Duration: 40 Hours
-  Mode: Seminar / Face-to-Face





Capable. Elevated. Thriving.



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