Embedded Systems
Competition

About Event

01

WHAT IS THIS COMPETITION?

DESCRIPTION

Based on our vision in trying to link the real life with academic life and preparing calibers, we found that competitive atmosphere is the best way to unleash people hidden talents.

02

WHY HOLD THIS EVENT?

OBJECTIVES

We choose embedded systems as it's one of the trending fields as well as it's importance in real life. Now, as almost every device includes an embedded system, we want to help in the evolution of this field, by trying to strengthen Egyptian embedded engineers talents and made them calibers through working on real-life projects that enables them to have a complete experience as an embedded systems engineer.

03

FOR WHOM?

TARGET AUDIENCE

01 Engineering and Faculty of Computer and Information students whom interested in embedded systems.

02 Any undergraduate who has passion for working on real life embedded experience.

03 Fresh graduates with zero work experience.

04

WHEN?

DURATION

Every team will have a period as:
4 weeks for **2 main phases** software part and hardware part.

Event Process

01
Teams collection

Through our online platforms we aretargeting over 100+ teams, each team us from 3 to 5 persons.

02
Teams application

Team leader is applying on behalf of his team, choosing a team name as well as the data of his teammates.

03
Filtration phase

We will filter the applied teams by making a test that measures their background knowledge and selecting the best 20-25 teams to participate in the actual competition.

04
Task sending

The top 20-25 teams will receive the competition task.

Event Process

05 — Mentors assignment

Each team will have a mentor who is an experienced engineer, that he follows up with the teams as will as assisting them and giving them hints.

06 — Software phase

Solve the task problem by making a software simulation to the embedded system that can solve it.

07 — Hardware phase

Competitors will be asked to implement the embedded system they designed and simulated it using real hardware components.

08 — Presentation phase

Teams projects will be discussed and tested by a professional judges.

Event Process

09 Summit

A summit for people who:

- Have an interest in embedded systems track.

- Want to know how to start and how to improve themselves.

- Want to talk to experienced engineers.

- Want to know the future of this track.