

# Training Courses January



2024

## Combined Cycle Gas Turbine (CCGT) Technology

**Dates:** 14 - 18 January 2024.

**Time:** 09:00 a.m. - 01:30 p.m.

**Fees:** 250 K.D.

**Objectives:** At the end of the course, participants will be able to:

- Better interpret the thermodynamics, operation and advanced maintenance principles of the gas turbine engine working together with steam turbine to generate electricity and as mechanical drive applications.
- Understand the gas turbine power augmentation strategies including inlet filtration systems, compressor washing and inlet cooling technologies.
- Appreciate the roles and challenges of gas turbine engines in the energy transition.

**Prerequisites:** Participants must have a minimum of bachelor's degree in either mechanical engineering, industrial engineering or mechanical engineering.

**Instructor:** Dr. Suleiman M. Suleiman.

**Participants:** - Research professionals working in the area of turbomachinery.  
- Engineers and operators who freshly joined the energy industry or have extensive experience with gas turbine engines in power and oil & gas industries.

