

Special Lectures on

Control Systems, Automation, and Information Technology:

From Theory to Industrial Practice

These special lectures, delivered by Yokogawa, provide E-JUST students with an integrated understanding of control systems, automation, and information technology, combining theoretical foundations with real-world industrial applications. The course covers key topics such as: Distributed Control Systems (DCS), Safety Instrumented Systems (SIS), Open control solutions, and advanced process control technologies to bridge the gap between academia and industry practice.

YOKOGAWA




Date:

20-22 July 2026



Venue:

Online



ELIGIBLE CANDIDATES (TARGET):

- UG FOE – 5th Grade
- UG CSIT – 4th Grade
- 2nd-year MSc from FOE & BAS (expected to graduate soon)
- Alumni of FOE & BAS from the past two years



HOW TO APPLY:

- Fill in the Google Form.
- Complete the Handling of Personal Information form.
- Registration and course attendance via Microsoft Teams must be done using:
- Your own E-JUST or your own private email account in case E-JUST email account is not available; otherwise, your attendance will not be recorded.



NOTE:

- Participation in this course is required to apply for the **Yokogawa 4-month internship in Bahrain**.
- Age Requirement: 30 years old or younger (applies to graduates only)*
- Prior participants are not eligible
- Only alumni from the past two years or students graduating by September 2026 are eligible to apply.
- Certificate issued upon full 3-day attendance
- Only full participation qualifies for the physical internship
- A job offer may be considered upon successful completion of the physical internship.

* Current students are eligible for the online training regardless of age.



WHY ATTEND?

Gain insights from industry experts, explore cutting-edge control and automation technologies, and connect academic knowledge with real-world industrial solutions.

About YOKOGAWA

Yokogawa is a global provider of industrial automation, test & measurement, and DX solutions for process industries, delivering efficiency, safety, quality, and reliability.



<https://www.yokogawa.com/>

This Program is supported in part by the **Japanese Government** through AOTS, promoting international human resource development and industrial collaboration.



<https://www.aots.jp/>

YOKOGAWA SPECIAL ONLINE TRAINING PROGRAM for E-JUST



DATE
20-22 July 2026



VENUE
Online (Microsoft teams)



ABOUT THE PROGRAM

This special online training program delivered by Yokogawa provides E-JUST students with an integrated understanding of control systems, automation, and information technology, combining theoretical foundations with real-world industrial applications.



KEY BENEFITS

- Learn from industry experts
- Explore real-world industrial applications
- Learn about Japanese industrial technologies
- Bridge the gap between academia and industry
- Potential opportunity to work at Yokogawa

LEARN. CONNECT. INNOVATE.

Shape the future of industrial automation!

COURSE SCHEDULE

Day	Date	Time	Topic	Agenda	Presenter
1	20 th Jul Mon	10:00 ~ 12:00	Distributed Control System (DCS) Overview	<ul style="list-style-type: none"> • What is DCS • DCS Applications • Brief Introduction of DCS Solution • Typical System Configuration • Features and Value Proposition • Conclusion 	Ranjith Kumar Shetty
		14:00 ~ 16:00	Standard Advanced Solutions	<ul style="list-style-type: none"> • Historian Overview and Discussion • Alarm Management Overview and Discussion • Cyber Security Overview and Discussion 	Rahul Bhadani Mohammed Shoukat Ali
2	21 st Jul Tue	10:00 ~ 12:00	Safety Instrumented Systems (SIS) Overview	<ul style="list-style-type: none"> • What is SIS • SIS Applications • Brief Introduction of SIS Solution • Typical System Configuration • Features and Value Proposition • Conclusion 	Ranjith Kumar Shetty
		14:00 ~ 16:00	Open Control Solution Overview	<ul style="list-style-type: none"> • What is Open Control System • SCADA And RTU Applications • Brief Introduction • Typical System Configuration • Features and Value Proposition • Conclusion 	Sathisha Dasa
3	22 nd Jul Wed	10:00 ~ 12:00	High Level Advanced Solutions No.1	<ul style="list-style-type: none"> • APC Overview and Discussion • OTS Overview and Discussion • Procedural Automation Overview and Discussion 	Nitin Bajaj Y. Okuzono H. Yoshikawa
		14:00 ~ 16:00	High Level Advanced Solutions No. 2	<ul style="list-style-type: none"> • Digitalization Overview and Discussion 	Sankar Selvaraj

* All times are in Egypt Time (UTC+2), and all courses will be conducted by experienced Yokogawa engineers.