



**IEEE Joint CSS-IMS Kolkata Chapter
and
Electrical Engineering Department, IEST
Organize
Special Lecture on
*Electrical and Instrumentation Interface in Control
Systems***

Venue: Seminar Hall, Electrical Engineering Department
IEST, Shibpur, Howrah

Date: August 29 (Wednesday), 2018, 3:00 pm.

Speaker: Er. Debabrata Sarkar
Chief Engineer, Instrumentation & Control, Qatar Kentz W.L.L.



Debabrata Sarkar is an alumnus of The Department of Applied Physics, CU, and now having more than thirty years of experience in basic & detailed engineering, project management, procurement, inspection, and commissioning services for diversified industries like Chemical, Oil & Gas, Petrochemical, Air Separation etc. He was involved in more than fifty projects throughout his career in applications as mini refineries, gas compressors, effluent treatment plants, terminal automation systems, bottling plants, oxygen plants, sulphuric acid plant etc. He is presently working as Chief Engineer – Control & Automation for SNC Lavalin, Doha, Qatar office and responsible for executing various Oil and Gas Projects for Global clients. SNC provides Project Management Consultancy, along with FEED, Basic & Detailed Engineering, and Procurement Management Support to the Clients.

Topics to be covered

1. Electrical systems, drives, data acquisition systems
2. Instrumentation systems
3. Basic inputs required by the Electrical systems for control, e.g. start/ stop/ speed regulation of electrical drives like Motor, VFD, motorized valves
4. Outputs from various Electrical systems requiring interface with the Instrumentation systems.
5. Basic requirements and availability of input and output for Instrumentation
6. Brief about Motor Control Center (MCC)
7. Intelligent MCC
8. Electrical relays, various types of interfacing in industries

There is no registration fee to attend the seminar.