



08 OCT | 2 -5 PM

Department of Electrical
Engineering
Address:-
IET, Lucknow
226021

Course beyond content initiative:- Lecture 1 INDUSTRIAL AUTOMATION AND CONTROL : SUBSTATION AUTOMATION



Program Coordinator :-
Prof. Seethalekshmi K
Dr. Devesh Shukla



About Speaker

Mr. MR. N. MURUGESAN

Speaker,
Former DG CPRI

Mr. Murugesan brings nearly 42 years of experience in the areas of Standardization of Electrical equipment (both National - Bureau of Indian Standards (BIS) and International - STL- Short Circuit Testing Liaison - IEC, IEEE Standards), Power Systems, Transmission & Distribution system, Protocol for Power system, Sub-station Automation, Distribution Automation, SCADA, Smart Grid, Advanced Metering Infrastructures (AMI), Smart Meters, Switch-gear testing & Certification (Low & High voltage equipment) for confirmation as per National (BIS) & International standards (IEC/ IEEE).

INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Schedule
for
Lecture Series
on

Industrial Automation and Control



(Content beyond course initiative)

Department of Electrical Engineering

IET Lucknow

OCTOBER 7

IET Lucknow

Authored by: Dr. Devesh Shukla

Organized by: Department Electrical Engineering



TENTATIVE SCHEDULE 2021-2022

(COURSE BEYOND CONTENT: - INDUSTRIAL AUTOMATION AND CONTROL)

COURSE BEYOND CONTENT	INDUSTRIAL AUTOMATION AND CONTROL	
FACULTY SPEAKER	MR. N. MURUGESAN (FORMER DIRECTOR GENERAL CPRI)	
PROJECT PHASE	DATE	TIMING
LECTURE 1	08/10/2021	02:00 to 5:00 pm
LECTURE 2	To be declared.	To be declared.
LECTURE 3	To be declared.	To be declared.
LECTURE 4	To be declared.	To be declared.

Lecture Number	Lecture 1: - Substation Automation (SAS) I	Lecture 2: - Substation Automation (SAS) II	Lecture 3: - SCADA-I	Lecture 4: - SCADA-II
Tentative Topics	Introduction to Sub-Station Automation	SAS components	To be declared soon	To be declared soon.
	Functions of Sub-Station Automation	Communication protocols used in SAS		
	Standard protocols used in SAS	Industrial practices.		

About Speaker: -



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Power Systems, Transmission & Distribution system, Protocol for Power system, Sub-station Automation, Distribution Automation, SCADA, Smart Grid, Advanced Metering Infrastructures (AMI), Smart Meters, Switch-gear testing & Certification (Low & High voltage equipment) for confirmation as per National (BIS) & International standards (IEC/ IEEE). Managed one of the largest Power Engineering Research Institute under Ministry of Power, Government of India as its Director General (22 March 2010 to 21st March 2015), and managed about 400 Power Sector Scientific personnel Catering Research, Consulting and Certification of Electrical equipment as per BIS/ IEC/ IEEE.

OCTOBER 2021							NOVEMBER 2021						
M	T	W	T	F	S	S	M	T	W	T	F	S	S
				1	2	3	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28
25	26	27	28	29	30	31	29	30					