

A.V.C. College of Engineering
Mannampandal, Mayiladuthurai,
Department of Electrical and Electronics Engineering

Title of the Program: Advanced Industrial Automation training (PLC & SCADA)

Chief Guest details: Mr.Vinaysai, Senior Application Engineer, AGIIT, Coimabatore

Co-ordinator: Mr.G.Ashokkumar & Mr.R.Selvaganapathy, Assistant Professor-EEE, AVCCE

Invitation:



A.V.C. COLLEGE OF ENGINEERING
Mannampandal, Mayiladuthurai, Nagapatinam District,
Tamilnadu - 609305.
Approved by AICTE | Affiliated to Anna University |
| Re-Accreditation by NAAC with 'B++' Grade 2nd Cycle |
An ISO 9001:2015 certified Institution



**DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING**

INVITATION

We cordially invite you for *one week Value Added Programme*
On
“Advanced Industrial Automation”
(PLC & SCADA)
INAUGURAL FUNCTION

The Inaugural function will be held on 07th January 2019, 10.00 a.m
@
MBA Seminar Hall

Resource Person
Mr. Vinaysai
Senior Application Engineer
Axis Global Institute Of Industrial Training
Coimbatore

Dr.S. Vijayaraj, M.E., Ph.D., M.I.S.T.E.,
Principal,
A.V.C. College of Engineering
Will preside over the function

Yours
Staff and Students
All are invited...

Agenda:



A.V.C. COLLEGE OF ENGINEERING

DNV-GL

MANNAMPANDAL, MAYILADUTHURAI

Department of Electrical & Electronics Engineering

Day: Monday

Time: 10.00 am

Date: 07/01/2019

Venue: MBA Seminar Hall

AGENDA

- | | | |
|----------------------------|---|--|
| Prayer | : | Students |
| Welcome Address | : | Dr. A. Ravi
HoD/EEE |
| Keynote address | : | Dr. S.Vijayaraj
Principal/AVCCE |
| Special Address | : | Dr.G.Pradeep
Dean (Academics) |
| Address by resource person | : | Mr.Vinaysai
Senior application engineer
AGIIT-Coimbatore |
| Vote of Thanks | : | G.Ashok kumar
AP /EEE |
| National Anthem | : | Students |

Program Report: “Advanced Industrial Automation (PLC – SCADA)”

The Department of Electrical & Electronics Engineering, AVCCE organized Value Added Programme on “Advanced Industrial Automation (PLC – SCADA)” during 7.1.2019 to 11.1.2019. The main objective of this programme was to make awareness among the budding engineers with the conceptual as well as practical knowledge of the Industrial Automation and latest technologies - Programmable Logic Controller - PLC and Supervisory Control and Data Acquisition - SCADA.

Title: Advanced Industrial Automation (PLC – SCADA)

Duration: 7.1.2019 – 11.1.2019

Resource person: Mr. Vinaysai, Senior application Engineer, AGIIT – Coimbatore

No. of Participants: 48

About programme: On 7.1.2019, the Programme is inaugurated by our principal Dr. S. Vijayaraj, M.E, Ph.D. and special address is given by Dr. G. Pradeep, Dean (Academics). Forty eight student’s participants have participated in this programme. Mr. Vinaysai, Senior application Engineer, AGIIT – Coimbatore, elucidated about the basics of PLC and SCADA and its applications in the field of Electrical Engineering.

During this five days programme, the resource person covered materials relevant knowledge and skill set to appreciate the rapid changing scenario in automation systems and take advantage of this in their future career. Practical/laboratory sessions are held, which will supplement the knowledge disseminated during the lecture sessions with adequate hands on experience.

Topics covered:

- Introduction to Automation and Evolution in Industrial Automation (A Brief History)
- Introduction to PLCs
- PLC Advantages over Microcontrollers
- Area Of Applications
- DATA Flow during Automation
- SCADA Introduction & Its Need
- Detail study of PLC & SCADA
- PLC I/Os Basics, Burning & Interfacing Concepts
- Allen Bradley & Rockwell Automation’s Details
- Ladder Diagram Basics
- How To Take Input From Panel and How To Give Output To Panel
- Hands on PLC Training Kit

We have received good feedback from the participants. Our principal Dr. S. Vijayaraj, M.E, Ph.D. distributed the certificates to all the participants.

Photos:



Student Attendance: Advanced Industrial Automation (PLC – SCADA)

			ROLLING	
1	820315105002	ABINAYA S	S. Abinaya	
2	820315105003	ABIRAMI B	B. Abirami.	
3	820315105004	ABIRAMI B	B. B. - 7	
4	820315105005	ABIRAMI E	E. Abirami	
5	820315105006	ANJALI S		
6	820315105007	ARAVIND K	K. Aravind	
7	820315105008	ARAVINTH KUMAR R		
8	820315105009	ASHOKKUMAR S	S. Ashokkumar	
9	820315105010	BALAJI K	K. Balaji	
10	820315105011	BALAJI R	R. Balaji	
11	820315105012	DAYANITHI K	K. Dayanithi	
12	820315105013	DEVIKA K	K. Devika	
13	820315105014	DHIVYA G	G. Dhivya	
14	820315105015	DILEEPAN V	V. Dileepan	
15	820315105016	DURKADEVI A	A. Durka Devi	
16	820315105017	GANGADEVI R		
17	820315105018	JAMUNA V		
18	820315105019	KALAIMATHI K	K. Kalaimathi	
19	820315105020	KIRUTHIKA S	S. Kiruthika	
20	820315105021	LIYANAH FATHIMAH N	N. Liyanah Fathimah	
21	820315105022	MATHAN A N	A. Mathan	
22	820315105023	MOHAMEDASHIK M	M. Mohamed Ashik	
23	820315105024	NAGENDRAN G	G. Nagendran	
24	820315105025	NANDHA KUMAR K	K. Nandha Kumar	
25	820315105026	NITHYA S	S. Nithya	
26	820315105027	PARKAVI K	K. Parkavi	
27	820315105028	POOJA C	C. Pooja	
28	820315105029	PRAKASH P	P. Prakash	
29	820315105030	PREETHI S		
30	820315105031	PRIYADHARSHINI R	R. Priyadharshini	
31	820315105032	PRIYADHARSHINI T	T. Priyadharshini	

32	820315105033	PRIYANKA T	T. Priyanka
33	820315105034	RAJKUMAR R	R. Rajkumar
34	820315105035	RAVIRAGUL S	S. R. Ravi
35	820315105036	SATHISH KUMAR A	
36	820315105037	SELVAMUTHUKUMARAN T	
37	820315105039	SIVANANDHINI S	S. Sivanandhini
38	820315105040	SOUNDARYA C	C. Soundarya
39	820315105041	SUJEETHA B	B. Sujeetha
40	820315105042	THALAPATHI PRABHAKARAN P	P. Prabhakar
41	820315105043	VIGNESH R	R. Vignesh
42	820315105044	VIJAY E	E. Vijay
43	820315105045	VINAYAGAM E	E. Vinayagam
44	820315105046	VINITH A	A. Vinitha
45	820315105047	VINITHA K	K. Vinita
46	820315105048	VISWANATHAN K	K. Viswanathan
47	820315105301	CHANDRAN.M	
48	820315105302	DANIAL GUNSINGH.G	G. G. Danial
49	820315105303	GOWTHAM.K	K. Gowtham
50	820315105304	KANIMOZHIL R	R. Kanimozhi
51	820315105305	KAUSALYA.M	M. Kausalya
52	820315105307	KIRUBANITHI.R	R. Kirubanithi
53	820315105309	MOHAMED SITHIK.K	K. Mohamed Sithik
54	820315105310	MUBARAK.O	O. Mubarak
55	820315105311	RAJAVEL.T	T. Rajavel
56	820315105312	SARAVANAN.B	B. Saravanan
57	820315105313	SRI HARIDEVI.S	S. Sri Haridevi
58	820315105314	VENKATESAN.S	S. Venkatesan

Ph. Amritha
for

G.ASHOKKUMAR
R.SELVAGANAPATHY