

Ref.No. CEA/E&TC/2016/ 3056 (A)

Date:- 27/09/2016

To,
Mr. Vikas Borlikar,
Senior Engineer,
Winspire, Pune

Subject: Request for conducting 3 day workshop on topic "PLC , SCADA and Automation" from 1st October 2016 to 3rd October 2016

Dear Sir,

It gives us immense pleasure to state that the Department of Electronics & Telecommunication Engineering of our institute organizes a 3 day workshop for students.

As per discussion with Prof. C.K.Kalawade , Assistant Professor, Department of Electronics & Telecommunication Engineering , We would like to invite you to conduct a 3 day workshop on topic "PLC , SCADA and Automation" from 1st October 2016 to 3rd October 2016.

Kindly accept our invitation to deliver lecture and give your consent.

Thanking you.

Yours sincerely,




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar


(Dr. H.N.Kudal)
Principal

Pad.Dr.Vithalrao Vikhe Patil College Of Engineering ,Ahmednagar
Department Of Electronics & Telecommunication

Notice

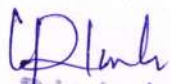
Date: 22/09/2016

All the faculty and students of TE & BE are hereby informed that 3 days Workshop on "PLC, SCADA & Automation" by Winspire India Pune is scheduled on 1st Oct 2016 to 3rd Oct 2016.

Interested students should register their names to the student coordinator .


Prof. Mrs. S.S. Magar
HOD

Head of Electronics & Telecommunication Dept.
P.D.V.V.P. College of Engineering
Vilad Ghat, Ahmednagar-414111


Principal
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar



Circulate among all faculty members. Read in TE & BE classroom.




॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥
Dr. Vitthalrao Vikhe Patil Foundation's

**Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar**



DTE College Code: EN-5161

Department of Electronics & Telecommunication Engineering

Title of Workshop :- **Workshop on PLC,SCADA &,Automation**
Conducted By:- Winspire India ,Pune
Date :- 1/10/2016-3/10/2016
Students from:- (T.E.,B.E. Students)
Total Students :- 73

Name of the expert: Mr Vikas Borlikar
(Senior Engineer at Winspire India ,Pune)

Venue: class room ETC13 & ETC 11

Convenor:- Prof. Dr.A.K.Patil
Co-ordinators:- Prof.C.K.Kalawade

Workshop Objective :

- 1)To introduce PLC & its programming using ladder diagrams
- 2) To introduce SCADA systems
- 3)To introduce concept of HMI

Workshop Outcomes :

- 1)Student will be able to understand the fundamental concept of Automation
- 2)Students have hands on practice on PLC & its ladder programming
- 3)Student will be able to handle SCADA systems
- 4)Student can develop small automation application using PLC

Head of Electronics & Telecommunication Dept.
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Vilad Ghat, Ahmednagar-414111



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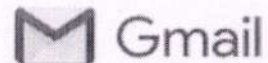
PLC ,SCADA & HMI Workshop on 1st oct 2016 to 3rd oct 2016 by Winspire India



Head of Electronics & Telecommunication Dept.
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Vilad Ghat
4111



Principal
Dr. Vitthalrao Vitthal Patil
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Ahmednagar



chaitanya kalawade <chaitanya.kalawade@gmail.com>

FW: Proposal from Winspire India

1 message

Rupali S <rupalis@winspiretech.com>

Fri, Jul 31, 2015 at 2:04 AM

To: chaitanya.kalawade@gmail.com

Cc: vikramb@winspiretech.com

Dear Sir,

Greetings for the day!!!

We Winspire India, take great pleasure of introducing ourselves as a professionally managed Training institute, Engineering consultancy and recruitment n staffing agency. We are engaged in providing a one-stop solution for Training, projects and recruitment/staffing needs of corporates and institutes. Winspire India is owned by a team of seasoned business professionals with 18 years of experience in the industry. It is an established recruitment/staffing organization, providing placement/staffing for professionals within India and overseas. Our focus is to maintain the highest possible standards by providing industry oriented training, engineering solutions and selecting the QUALITY candidate for the most suitable position.

We also provide Technical and non-technical trainings in various domains. Brochure and details of training modules are attached.

Thanks and Regards

Rupali Shete,

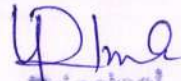
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Abacus Consultants,Pune – 30

www.winspiretech.com, www.winspireindia.com


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Dr. P.D.V.V.P. Patil
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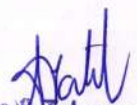
Mobile – 8446342300, 9881157568, 8446442300



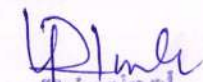
2 attachments

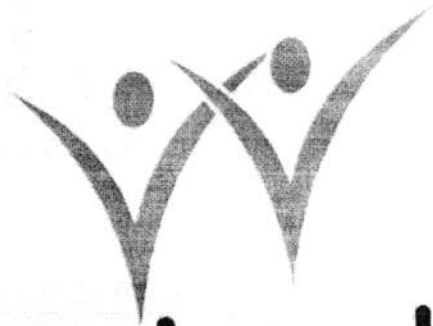
 **Brochure for mail.pdf**
1509K

 **Training.docx**
103K


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Winspire India

Staffing | Projects | Training

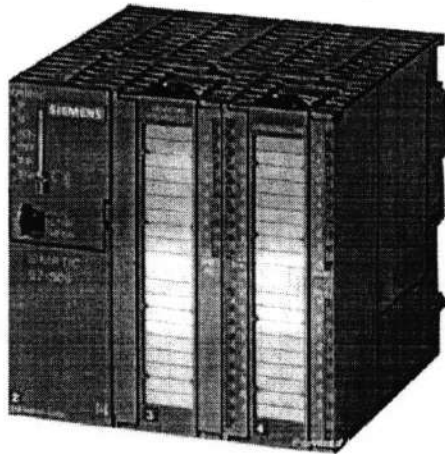
Contact : 9881157568 / 8446442300

www.winspiretech.com | www.winspireindia.com

Course Contents

- **PLC Programming & Troubleshooting**
- **SCADA**
- **HMI** 

Basic Of Programmable Logic Control



- Introduction to PLC
- Architectural Evolution of PLC
- Introduction to Field Devices attached to PLC
- PLC Fundamental(Block Diagram of PLC)
- Detail information about PLC component
- Power Supply, CPU, I/O ,Communication Bus
- Various Ranges available in PLC
- Source/Sink Concept
- Wiring of I/O device
- Scan Cycle Execution

□

PLC Programming & Troubleshooting □

- Introduction to PLC Programming Software
- Addressing Concept
- Introduction to Bit, Byte & Word Concept
- Programming Instruction Arithmetic & Logical
 - Bit Logic (NO, NC, SET, RESET, NOT, PULSE, NEGATIVE PULSE)
 - Timer & Counter (Types of Timer & Counter)
 - Comparator ($=, \neq, >, \geq, \leq, <$)
 - Converter (BCD to Integer, Integer to BCD)
 - Math (Add, Sub, Mul, Div, Sqrt)
 - Advance Math (Ln, Log, Deg, Rad)
 - Trigonometric Math (Sin, Cos, Tan, ASin, ACos, ATan)
 - Shift/Rotate
 - Move, Jump, Label
 - Program Control (Master Control, Call, Return)
- Upload, Download, Monitoring of Program
- Forcing I/P & O/P
- Troubleshooting & Fault Diagnostics of PLC
- Hardware Configuration with SCADA

□

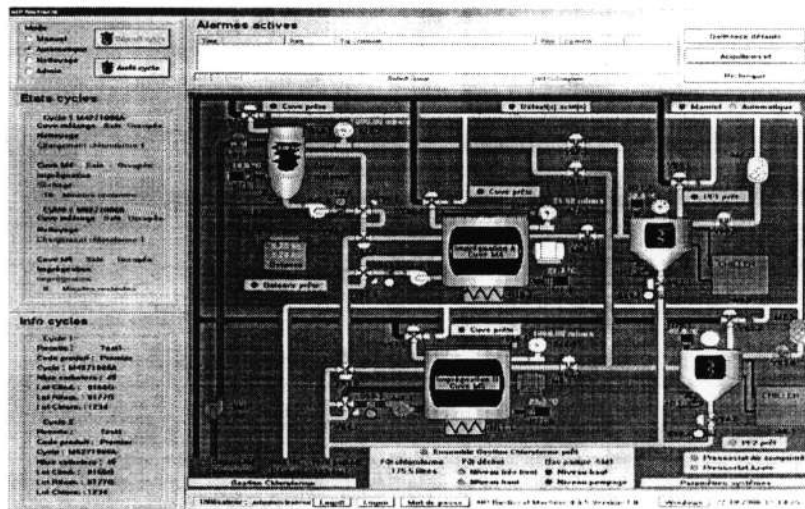
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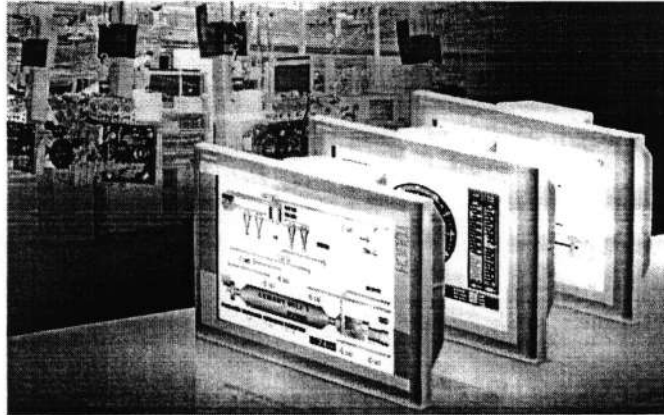
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Supervisory Control And Data Acquisition System



- Application of SCADA Software
- Feature of SCADA Software
- Creating a New SCADA Application
 - Creating & Editing Graphics Display with Animation
 - Data Entry / Start Stop Command
 - Analog Entry
 - Movement, Blinking, Visibility, Filling
- Trending (Create Real Time & Historical Time Trends)
- Alarm Creating
- Writing Logic through Script
 - Connectivity with Hard Ware
- Security
- Recipe Management

Human Machine Interface



- Connectivity with PC , PLC & Hardware (HMI)
- Creating Screen
- Creating Tag Database
- Navigation between Screens
- User I/P & O/P Display
- Function Keys
- Uploading/Downloading Application
- Trending
- Alarm
- Security, Recipe Management





WINSPIRE INDIA TRAINING SOLUTIONS

Certificate

This is to certify that

Mr./Ms./Mrs. _____

Successfully completed Training Program on " _____ Workshop on Automation "

Topics covered _____ PLC, SCADA & Automation (Allen Bradley)

from 1/10/2016 to 3/10/2016 with _____ A _____ Grade

Head of Department



Director, Winspire India

402, 4th Floor, Shri Sai Narayan, Ganjwe Chowk, Opp. Patrakar Bhavan, L.B.S. Road, Navi Peth, Pune 411 030.
Call : 8446442300 / 9881157568 | E-mail : info@winspiretech.com | Web Site : www.winspiretech.com

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ACCOUNT
Ahmednagar
Engineering

Principal
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College of Engineering
Ahmednagar

Dr. Vithal Rao Vikhe Patil College Of Engineering
Department of Electronics & Telecommunication
Workshop Evaluation Form

Workshop title: PLC & Scada Date 03/10/16
Instructor: Ravindra Tadkar Organization Wipro

- | | Strongly agree | | | Strongly disagree | | |
|--|---|---|-----|-------------------|---|--|
| 1. The content was as described in publicity materials | 1 | 2 | (3) | 4 | 5 | |
| 2. The workshop was useful form job prospective | 1 | 2 | (3) | 4 | 5 | |
| 3. I will recommend this workshop to others | 1 | 2 | 3 | (4) | 5 | |
| 4. The program was well paced within the allotted time | 1 | 2 | (3) | 4 | 5 | |
| 5. The instructor was a good communicator | 1 | 2 | (3) | 4 | 5 | |
| 6. The material was presented in an organized manner | 1 | 2 | (3) | 4 | 5 | |
| 7. The instructor was knowledgeable on the topic | 1 | 2 | (3) | 4 | 5 | |
| 8. I would be interested in attending a follow-up, more advanced workshop on this same subject | 1 | 2 | (3) | 4 | 5 | |
| 10. For given the topic, this workshop was: | | | | | | |
| 11. In your opinion, was this workshop: | | | | | | |
| | 1 | 2 | (3) | 4 | 5 | |
| | ☐ a. Too short ☒ b. Right length ☐ c. Too long
☐ a. Introductory ☒ b. Intermediate ☐ c. Advanced | | | | | |
| 12. What did you most appreciated about the Workshop? Any suggestions for improvement? | <u>No comments.</u> | | | | | |

Name:- Omkar Kedari
Roll No:- 64.

Sign

[Signature]



Dr. Vithal Rao Vikhe Patil
College of Engineering
Vidyal Ghat, 4111

BE

**Dr. VITHALRAO VIKHE PATIL COLLEGE OF ENGINEERING,
AHMEDNAGAR (E&TC)**

NO	NAME	SIGNATURE	PC NO.
1	Cholke sanika		
2	Bhakre monika		
3	Darbastawa saloni		
4	Deshpande prajakta		
5	Dhawale sandhya		
6	Kulkarni arti		
7	Anap supriya		
8	More dhanashri		
9	Ngapure Anjali		
10	Tayde ghwini		
11	Vanave somanath		
12	Washikar sushen Vashikar		
13	Shinde vrushali		
14	Sorate amita		
15	Shelake sayali		
16	Benke madhuri		
17	Myana Vishal MYANA Vishal		
18	Pardeshi shubham		
19	Sayyad kalim		
20	Jadhav priyankant		
21	Bhonde akshay		
22	Biniwale shubham		
23	Bhalerao aniket		
24	Gaikwad akash		
25	Zunjarrao sagar		
26	Nair ajesh		
27	Khandapure shivprasad		
28	Nagarkar mayur		
29	Kedari omkar		
30	Katariya atul		
31	Akash Gaikwad		
32	Shailesh Bhat		
33	Kevin Francis		
34	Rushabh urkude		
35	kharad Pravin Singh B.		
36	Kate vishnu Y.		
37	surwase omprakash L.		
38	Yogesh wale		
39	Vaibhav Ghodke		
40	Jalindar Jadhav		
41	Shubham hirwar		
42	Shewale Yogesh		
43	Shaiikh Jemaid Y.		
44	Pokate Kiran P		



PRINCIPAL
Dr. Vithalrao Vikhe Patil
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Ahmednagar

TE

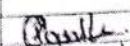
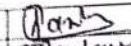
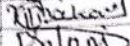
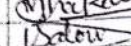
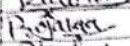
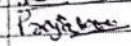
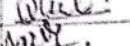
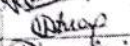
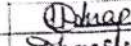
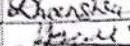
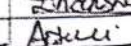
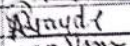
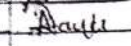
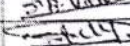
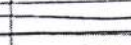
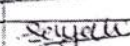
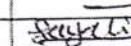
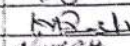
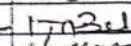
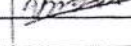
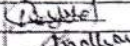
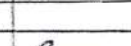
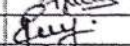
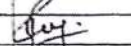
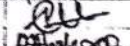
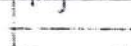
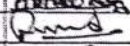
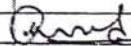
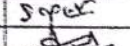
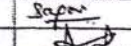
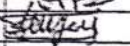
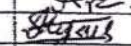
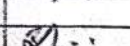
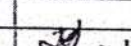
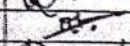
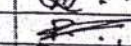
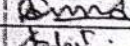
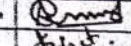
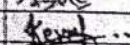
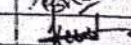
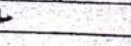
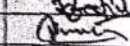
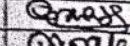
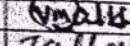
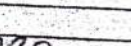
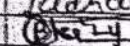
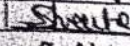
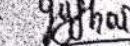
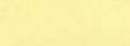
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26	Nali jesh		
27	Khandagure shikprasad		
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29	Kedari omkar		
30	Katariya atul		
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33	Kevin Francis		
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13	Gimide vrundha		
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16	Benke madhuri		
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22	Biniwale shubham		
23	Bhalerao aniket		
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27	Khandapure shivprasad		
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LETTER OF THANKS

Dear Sir,

On behalf of Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, we take this opportunity to extend our heartfelt gratitude & huge "Thank you" for delivering 3 day workshop on "PLC , SCADA and Automation" for Electronics & Telecommunication Engineering students from 1st October 2016 to 3rd October 2016.

Let us maintain and cherish these relations for mutual benefit hence and forever.

We shall remain obliged for sparing valuable time with us.


(Dr. Ms.A.K.Patil)
HOD, E&TC


(Dr. H.N.Kudal)
Principal

To,
Mr. Vikas Borlikar
Senior Engineer,
Winspire,Pune




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