



MAIRODI MANDIRI SEJAHTERA

TRAINING, CONSULTING & ENGINEERING SERVICES

Alamat: Gedung Dapenpos Lt.2, Jl. PH.H. Mustofa No.35 , Bandung, Indonesia, 40124
Telp/Fax: +62-22-7215668, Homepage: pelatihan-indonesia.id

Training Syllabus:

SCADA SYSTEMS

TRAINING DESCRIPTION:

Discusses the concept, design and implementation of SCADA Systems. Also covers toolkits for many application, such as: I/O interfacing, interntworking, Graphical User Interface (GUI), Database development, mathematical tool, remote access, internet services, etc.

TRAINING OBJECTIVE:

You will be able to :

- a. Understand the concept of SCADA Systems
- b. Understand the architecture of SCADA Systems
- c. Use and maintain SCADA Systems
- d. Know communications in SCADA Systems
- e. Set-up database server and its access
- f. Understand the use of Viewer in plant data integration
- g. Integrate SCADA and internet/intranet

TRAINING MATERIAL OUTLINE:

1. Introduction to Operating Systems
2. Basic concepts of SCADA Systems
3. I/O Driver and Data Communication
4. Communication Protocol
5. Socket Programming
6. Remote Terminal Unit (RTU)
7. Client/Server Programming Concepts
8. SCADA Server Unit
9. HMI and GUI Development
10. Wireless Communication
11. Database server set-up
12. Data viewer and Alarm Reporting Generation
13. SCADA-internet/intranet Integration

CLASSROOM/DEMONSTRATION/LABORATORY EXERCISE:

- a. SCADA Systems integrated to Windows networking
- b. Access to running mini plant simulator

INSTRUCTOR : Ir. Endra Joelianto, Ph.D. and team

VENUE : Kagum Group Hotel Bandung (Golden Flower, Banana Inn, Serela, Gino Feruci), Amaroossa Hotel, Noor Hotel, Grand Setiabudi Hotel, dll



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DURATION : 4 days

TRAINING TIME :

Januari 2024	Februari 2024	Maret 2024	April 2024
2 - 5 Januari 2024	5 - 8 Februari 2024	4 - 7 Maret 2024	1 - 4 April 2024
8 - 11 Januari 2024	12 - 15 Februari 2024	12 - 15 Maret 2024	22 - 25 April 2024
15 - 18 Januari 2024	19 - 22 Februari 2024	18 - 21 Maret 2024	29 April – 2 Mei 2024
22 - 25 Januari 2024	26 - 29 Februari 2024	25 - 28 Maret 2024	
29 Jan – 1 Feb 2024			
Mei 2024	Juni 2024	Juli 2024	Agustus 2024
6 - 9 Mei 2024	3 - 6 Juni 2024	1 - 4 Juli 2024	5 - 8 Agustus 2024
13 - 16 Mei 2024	10 - 13 Juni 2024	8 - 11 Juli 2024	12 - 15 Agustus 2024
20 - 23 Mei 2024	19 - 22 Juni 2024	15 - 18 Juli 2024	19 - 22 Agustus 2024
27 - 30 Mei 2024	24 - 27 Juni 2024	22 - 25 Juli 2024	26 - 29 Agustus 2024
		29 Juli – 1 Agustus 2024	
September 2024	Oktober 2024	November 2024	Desember 2024
2 - 5 September 2024	1 - 4 Oktober 2024	4 - 7 November 2024	2 - 5 Desember 2024
9 - 12 September 2024	7 - 10 Oktober 2024	11 - 14 November 2024	9 - 12 Desember 2024
16 - 19 September 2024	14 - 17 Oktober 2024	18 - 21 November 2024	16 - 19 Desember 2024
23 - 26 September 2024	21 - 24 Oktober 2024	25 - 28 November 2024	
	28 - 31 Oktober 2024		

INVESTMENT PRICE/PERSON :

1. Rp 8.750.000/person (full fare) or
2. Rp 8.500.000/person (early bird, payment 1 week before training) or
3. Rp 8.250.000/person (if there are 3 or more participants from the same company)

FACILITIES FOR PARTICIPANTS :

1. Training Module
2. Flashdisk contain training material
3. Certificate
4. NoteBook and Ballpoint
5. T-Shirt
6. Backpack
7. Training Foto
8. Training room with full ac facilities and multimedia
9. Lunch and twice coffee break everyday of training
10. Qualified Instructor