



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: www.pelatihan-indonesia.id

Silabus Training: **INTERNET OF THINGS (IoT)**

INTRODUCTION:

The internet of things, or IoT, is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers (UIDs) and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction. A thing in the internet of things can be a person with a heart monitor implant, a farm animal with a biochip transponder, an automobile that has built-in sensors to alert the driver when tire pressure is low or any other natural or man-made object that can be assigned an Internet Protocol (IP) address and is able to transfer data over a network. Increasingly, organizations in a variety of industries are using IoT to operate more efficiently, better understand customers to deliver enhanced customer service, improve decision-making and increase the value of the business.

TRAINING MATERIAL OUTLINE:

1. Introduction to IoT
2. A deeper dive into IoT
3. Interact with the physical world with sensors and actuators
4. Connect your device to the Internet
5. STUDY CASE IOT: SMART FARM
 - a. Predict plant growth
 - b. Detect soil moisture
 - c. Automated plant watering
 - d. Migrate your plant to the cloud
 - e. Migrate your application logic to the cloud
 - f. Keep your plant secure
6. STUDY CASE IOT: MANUFACTURING
 - a. Train a fruit quality detector
 - b. Check fruit quality from an IoT device
 - c. Run your fruit detector on the edge
 - d. Trigger fruit quality detection from a sensor

INSTRUKTUR : Ana Heryana and Team

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

DURASI TRAINING : 3 hari

WAKTU TRAINING :



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

HARGA INVESTASI/PESERTA :

1. Rp. 6.950.000/peserta (bayar penuh) atau
2. Rp. 6.750.000/peserta (early bird, yang membayar 1 minggu sebelum training) atau
3. Rp. 6.500.000/peserta (peserta bergroup yang terdiri dari 3 peserta atau lebih dari 1 perusahaan yang sama)

FACILITIES FOR PARTICIPANTS :

1. Training Module
2. Flash Disk contains training material
3. Certificate
4. Stationeries: NoteBook and Ballpoint
5. T-Shirt
6. Backpack
7. Training Photo
8. Training room with full AC facilities and multimedia
9. Lunch and twice coffeebreak everyday of training
10. Qualified instructor