Certificate ID : GMS-III-23-ATI-5275743707

ENGINEERING ACADEMY
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CERTIFICATE
OF COMPLETION

This certificate is proudly presented to

Ahmad Fikri Al Hadi

Has successfully completed short course of
Computational Process Optimization Simulation With Ms. Excel, Matlab, and GAMS. **(Batch #2)**
Delivered by **Henry Susilo**
(Consultant Process Engineer and Simulation Enthusiast)
Was held on 4-7 March 2023
Total duration 450 minutes (7,5 hours)

Published on
March 23, 2023

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List of learning modules short course of
Computational Process Optimization Simulation With Ms. Excel, Matlab, and GAMS.

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1. Introduction To Computational Process Optimization
2. Introduction To Modeling: Definisi Model, Input-Output Model, Perbedaan Model Dan Simulasi, Tipe2 Variabel
3. Optimization Theory: Komponen2 Optimization Problem
4. Optimization Theory: Jenis2 Constraint
5. Optimization Theory: LP Vs NLP Vs MILP Vs MINLP
6. How To Develop And Solve Model, Continuity, Modality
7. Study Case

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