

# CERTIFICATE OF SOLIDWORKS TRAINING

is presented to

Suparno

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Universitas Muhammadiyah Yogyakarta

Sebagai peserta dalam Program Training SOLIDWORKS Essentials dan Intermediate yang telah diselenggarakan pada tanggal 30 Oktober 2021 - 27 November 2021.



**Mustofa Wahyu R, S.T**

CEO Engineer Nusantara

## Detail Materi Training :

## Training Essential

Tanggal	Durasi	Materi	Detail
30 Oktober 2021	6 Jam	User Interface	Pengenalan user interface
			Customize user interface
		Basic Sketch	Sketch
			Dimension
			Relation
		3D Part Modeling	3D feature
			Editing feature and Sketch
Configuration basic design and design table			
06 November 2021	6 Jam	Assembly	Assembly modelling
			Metode bottom up
			Metode top down
			Exploded view & animation
			Check Interference
			Drawing
		Bill of material	

## Training Intermediate

Tanggal	Durasi	Materi	Detail
13 November 2021	3 Jam	Surface	Relation
			Ilmu dasar surface modeling
			Sketch (Projection curve)
			Design product
	3 Jam	Mold tools	Evaluasi hasil surface
			Shrinkage
			Draft analysis
			Parting line
20 November 2021	3 Jam	Sheet Metal	Parting surface
			Spliting core & cavity
			Ilmu dasar perhitungan bentangan
			Sheet metal parameter
	3 Jam	Weldment	3D modeling sheet metal
			Bentangan
			Forming tools
			Convert solid body to sheet metal
			2D drawing sheet metal
			Bending table
			3D Sketch
			Modeling konstruksi
			Customize structure profil
			2D drawing weldment
			Cut list weldment

## Sertifikasi Internasional

Tanggal	Sertifikasi
27 November 2021	Certified SOLIDWORKS Professional Advanced Weldments (CSWPA-WD)