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WEBINAR

# Matlab Programming & ANN, ANFIS, RSM Analyses

29 - 30 Oct. 2021

## WHY ?

Are you doing research that requires you to develop a system or **predict outcomes**? Do you want to impress your supervisor or colleague with **advanced techniques** and intelligent data analyses?

Perhaps, you're now thinking which software is right for you. You may use software like SPSS, Minitab, C++, R and Visual Basic. Why don't you **consider MATLAB**?

Programming using MATLAB is **easier and faster**. It promotes research and development since MATLAB has toolboxes for various fields such as Statistics, Artificial Neural Networks (ANN), Deep Learning, Optimization, Signal Processing and others.

## HOW ?

In this course, MATLAB programming, **ANN**, **ANFIS** (Adaptive Neuro-Fuzzy System) and **RSM** (Response Surface Methodology) will be explained in an easy and effective manner based on years of experience working in this area.

This course is suitable for researchers from **various fields** such as Science and Technology, Engineering, Economics, Business Study, Medicine, Laws and Social Science. You can expect no difficult terminology used.

It is **open for all researchers**. The outcome is that participants will know how to use MATLAB, ANN, ANFIS and RSM to solve problems and present the results in thesis or journals. No prior knowledge of computer programming is needed.

29 Oct. 2021	MATLAB Programming
8:00–9:00 am	Working with the MATLAB User Interface. Variables and Expressions
9:00–10:00 am	Analyses and Visualization with Vectors
10:00–10:30 am	Break
10:30–11:30 am	Analyses and Visualization with Matrices, Automating Commands with Scripts
11:30–12:30 pm	Working with Data Files, Multiple Vector Plots and Logic & Flow Control

30 Oct. 2021	ANN, ANFIS, RSM
8:00 – 9:00 am	Artificial Neural Networks
9:00 – 10:00 am	Artificial Neural Networks
10:00 – 10:30 am	Break
10:30 – 11:30 am	Adaptive Neuro-Fuzzy Inference System
11:30 – 12:30 pm	Response Surface Methodology

## FEE

Normal: RM300 (Invoice RM400)  
Postgraduate: RM250 (Invoice RM300)

## REGISTRATION

Please wassap your Full Name and E-mail to **0183792011**. Link to Registration/Payment will be provided. Thank you.



DR ANUAR KASA



Jabatan Pendidikan Kejuruteraan, UKM