SPEAKER

Mohamad Arif bin Othman

- B.Eng in Communication (Multimedia Universiti)
- M.sc in Communication (Antenna) at Universiti Sains Malaysia
- Currently study in Ph.D in Antenna Design at Universiti Sains Malaysia

Email: andikalusia83@yahoo.com

IMPORTANT DATE

Due date for registration and payment is on **30 NOVEMBER 2011.** Registration covers course materials, certificate and refreshments. Kindly complete **REGISTRATION FORM** and email/fax or post it to workshop secretariat.

Cheque should be made payable to **"Bendahari Universiti Malaysia Perlis"**

WORKSHOP SECRETARIAT:

Pn. Azuwa Binti Ali
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02000 Kuala Perlis, Perlis.
Fax: 04-9851626

REGISTRATION FORM

Name of Organization/Institution	
Organization/Institution Address	
Phone and Fax	
Participant 1 Name: Designation: Phone: Email:	
Participant 2 Name: Designation: Phone: Email:	
Participant 3 Name: Designation: Phone: Email:	
Officer to be contacted Name: Position: Email: Phone and Fax:	

ANTENNAS DESIGN WORKSHOP
(2011)

An authoritative coverage of antenna design and implementation of antenna design using ADS and CST software
(* 20 CPD)

DATE: 19 - 23 DECEMBER, 2011
8.30AM - 5.00PM
COMPUTER LAB
UNIVERSITI MALAYSIA PERLIS
(UniMAP)

Organized by School of Electrical System Engineering, Universiti Malaysia Perlis

Universiti Malaysia Perlis (UniMAP)

THE WORKSHOP

This unique antenna design training course provides an authoritative coverage of antenna design and implementation of antenna design using ADS and CST software. The course provides deep background on types of antenna and also dielectric resonance antenna (DRA). The participant will learn the differences between various antenna models, and where each model should be applied in the network design process.

WHO SHOULD ATTEND?

This course should be attended by the following personnel:-
• Engineering lecturers
• Communication and Computer Engineering lecturers
• Researchers who deal with antenna techniques and design.
• Postgraduate students in Communication, Computer and etc.
• Researchers who dealt with antenna design process and technique.
• Engineer and technician in antenna field.

FEES

UNIMAP Staff   **RM 750/person**

WORKSHOP OUTLINE

Day 1

Basic antenna: Antenna gain, Hertzian dipole, short wire antenna, half-wave dipole, full-wave dipole, loop antenna, helical antenna, other shape of helical antenna, travelling wave antenna, V antenna , rhombic antenna and effect of body on antenna.

Day 2

Small antenna: inverted-L antenna, top loaded antenna, capacitance loaded antenna, inductance loaded antenna, inverted-F antenna, patch antenna

Day 3

Aperture antenna, parabola, spiral antenna, other types of antenna, simulation of antenna with ADS

Day 4

Basic dielectric resonance antenna (DRA), various antenna Shape, material, feeding, simulation of antenna on CST.

Day 5

Some Advance features of DRA and simulation with CST.

** Breakfast and lunch will be provided

SPEAKER

Professor Syed Idris Syed Hassan

➢ Ph.D. in Antenna Design (Exeter University)
➢ M.Sc. in Radar and Radio Communication Systems (Birmingham University),
➢ B.Sc. (UKM)

Experience

• Worked at USM for 29 years in School of Electrical and Electronic Engineering
• Currently work as professor at Universiti Malaysia Perlis

Field of Interest:

Satelite Modelling, Antenna Design, Microwave Power Transmission and Noise & RF Power Harvester

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