

# ***Fundamentals of Antennas and Propagation***

**VENUE:**            **Wireless Communication Centre,  
Faculty of Telecommunication,  
Universiti Teknologi Malaysia,  
Skudai, Johor**

**11<sup>th</sup> to 13<sup>th</sup> September 2012**

*a collaboration programme between*



**SKMM Academy, Suruhanjaya Komunikasi dan Multimedia Malaysia**

*and*

**Wireless Communication Centre (WCC), Universiti Teknologi Malaysia**

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WCC, UTM 11<sup>th</sup> to 13<sup>th</sup> September 2012

## **Programme Overview**

The LTE Technology training is conducted over a period of 3 days and delivered by Academics.

The programme will be held at the Wireless Communication Centre of Universiti Teknologi Malaysia in Skudai, Johor.

The course is designed by academics and SKMM regulators with extensive knowledge in Antennas and Radio Wave Propagation. During the first portion of the course, participants are introduced to the basic concepts and technical aspects of Antennas including design and hands-on return loss design. This is followed by second portion of the programme where participants will be instructed on the physics of different modes of Radio Propagation and how different communications technology are used to address their impacts.



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## **Who Should Attend**

The course caters to the needs of Engineers and Researchers involved in wireless communications technology and includes those involved in the design, test, sales, marketing, systems engineering and deployment

## **Course Objectives**

The course provides participants with a sound grounding and understanding on the basic concepts and technical aspects below:

- Antennas
  - basic antenna function and properties
  - antenna behaviors
  - antenna types and designs
  - CAD antenna design
  - antenna return loss measurement
- Radio Propagation
  - smart antenna systems
  - Radio Communication System (RCS) and history
  - Wireless Data Communication Technology
  - frequency spectrum
  - general terms on propagation



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## Registration Form

Course Title:	Fundamentals of Antennas and Propagation
Dates:	11th to 13th September 2012
Venue:	Wireless Communication Centre, Faculty of Telecommunication, Universiti Teknologi Malaysia, Skudai, Johor Darul Ta'zim
Fees*:	RM300

\*Fees do not include accommodation and travelling expenses and these are to be borne by participants.

### DELEGATE DETAILS

Name of Participant	Designation and Department	Organisation and Address
Email Address	Direct Line	Mobile Number
Signature and Company stamp		Date

The closing date for registration is 4.00 pm 21<sup>st</sup> August 2012. For queries please contact us at the address below, send an email to [skmm.academy@cmc.gov.my](mailto:skmm.academy@cmc.gov.my) or call any of the following numbers:

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Gayathiri	+60 (3) 86 88 83 94
Suzy	+60 (3) 86 88 82 49
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