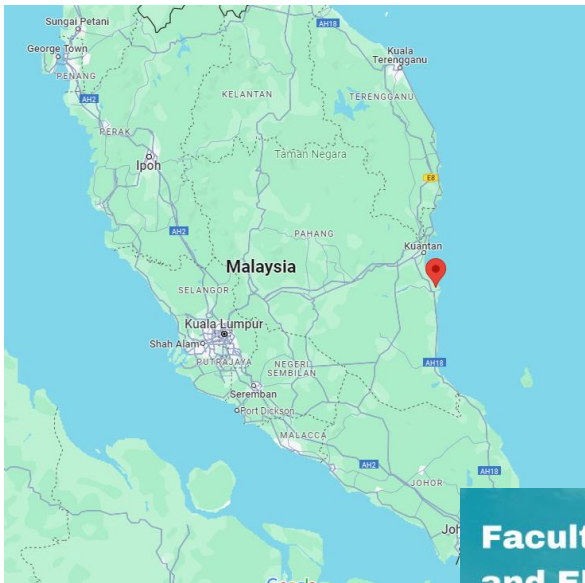


Advanced Metrology & Sensing (AMES) Group

Founded in 2019

Located in Faculty of Electrical and Electronics Engineering (FTKEE), Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA), Pekan Campus



**Faculty of Electrical
and Electronics
Engineering
Technology**



Advanced Metrology & Sensing (AMES) Group

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(Snr. Lecturer, Ph.D.)



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(Snr. Lecturer, Ph.D.)



Topic: Magnetic Device & Measurement

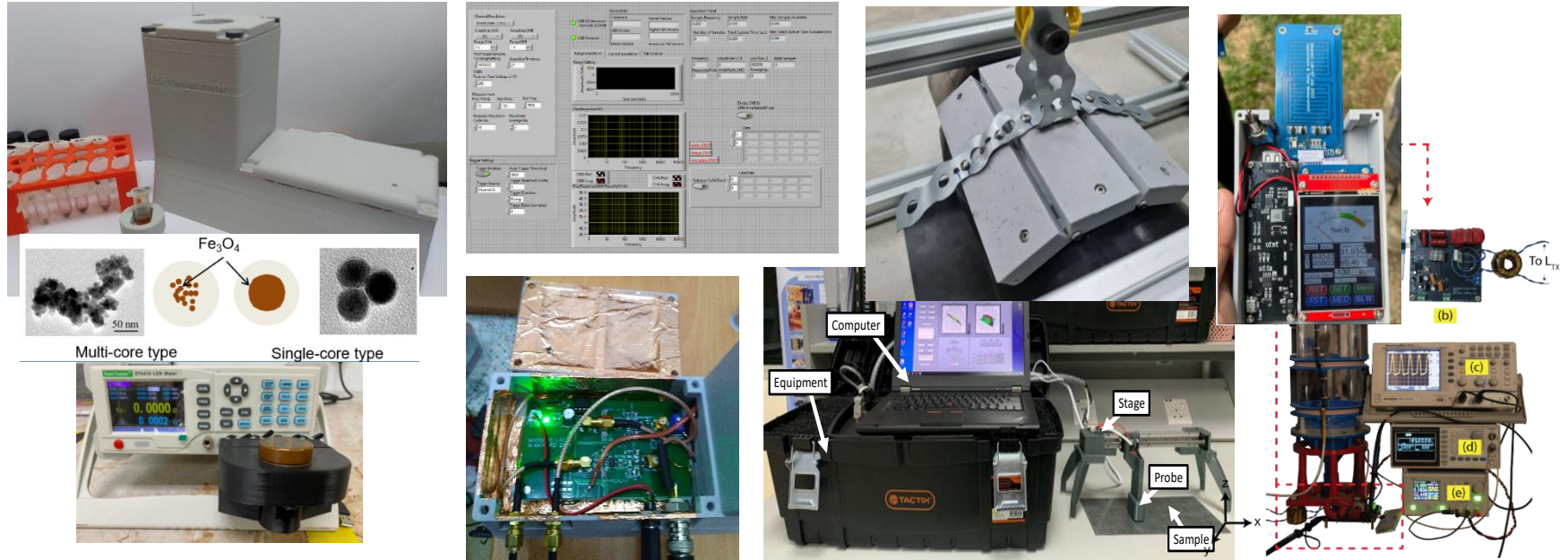
Mohd Mawardi Saari (Ph.D)

FTKEE & Centre for Advanced Industrial Technology

mmawardi@ump.edu.my

Research Contents:

- *Magnetic Evaluation Device for Magnetic Nanoparticles*
- *Non-Destructive Test using Electromagnetic Method*
- *Applications related to magnetic instrumentations*



Topic: Process Tomography, Sensor Technology and Its Application

Ts Dr Yasmin Abdul Wahab

FTKEE & Centre for Advanced Industrial Technology

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Research Contents:

- *Modelling and Simulation of Process Tomography*
- *Sensor Design and Development of Process Tomography*
- *Sensor Technology and Its Application*

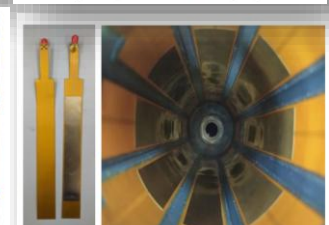
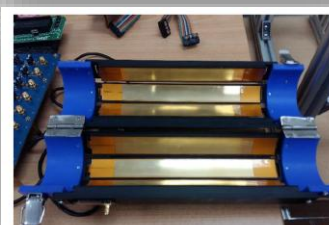
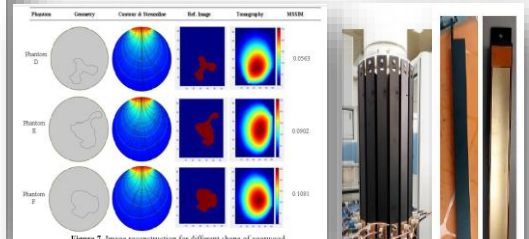
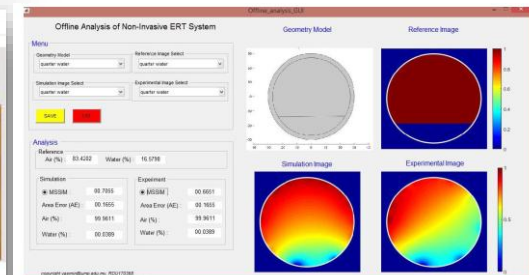
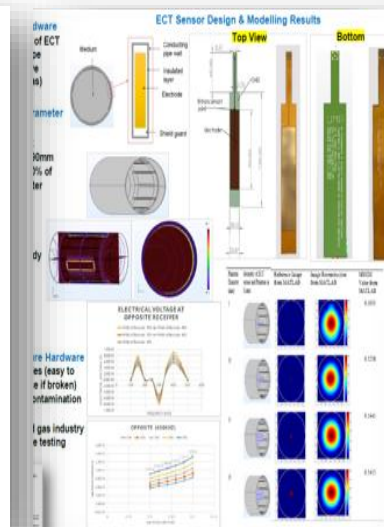
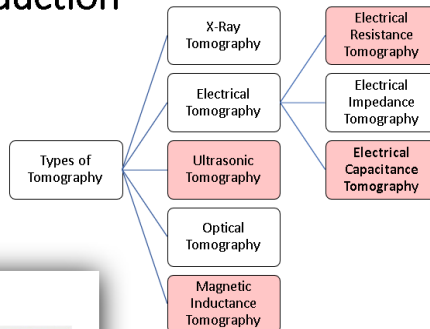
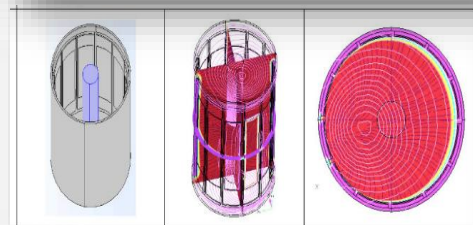
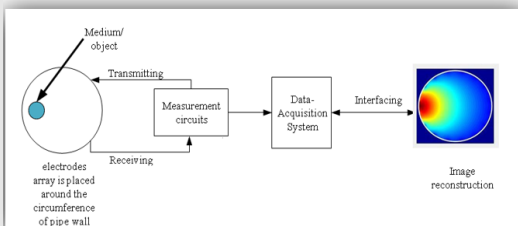
Introduction

Tomography

The term "**Tomography**" came from combination of Greek words

TOMO **GRAPH**

SLICE PICTURE



Topic: Odor & NIR-Optical Sensing

Muhammad Sharfi bin Najib (Ph.D)

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Research Contents:

- *Odor detection system*
- *NIR-Optical Sensing*
- *Unified Odor and NIR-Optical Sensing*



E-ANFUN P1.0

E-ANFUN WM1.0

E-ANFUN



E-BSR



O-BSR