



UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

**INSTITUT NANOSAINS DAN
NANOTEKNOLOGI**

INSTITUTE OF NANOSCIENCE AND NANOTECHNOLOGY

**CALL FOR
PARTICIPANTS!**

XRD

X-RAY DIFFRACTION WORKSHOP

DATE:

9 & 10 March 2022

TIME:

9 am to 5 pm

VENUE:

Institute of
Nanoscience and
Nanotechnology
(ION2)

WHO SHOULD ATTEND?

Postgraduates,
Research Officers,
Post Doctoral and
any interested
participants
from/outside UPM.

FEES

RM200/day
(Student)

RM250/day
(Non-student)

RM380/2 day
(Student)

RM480.00/2 day
(Non-student)

**SEATS ARE
LIMITED!**

Register now



Registration deadline:
4 March 2022

INTRODUCTION

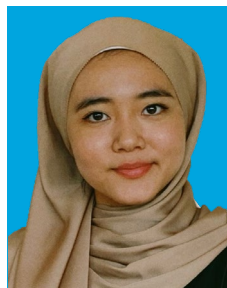
X-ray Diffraction (XRD) provides unique information on crystal structures, crystalline phases, preferred crystal orientations (texture), strain, stress, and crystal defects. Most real-world materials require this technique to characterise their degree of crystallinity. Diffraction patterns can be searched against large databases of known material patterns to identify/quantify material phases.

This workshop will introduce you to sample evaluation techniques with a focus on **powder** and **thin film** samples using the Smart lab studio II software.

SPEAKERS



**Dr. Muhammad Firdaus
bin Omar**
Application Consultant RGS/
Senior Lecturer
Universiti Teknologi Malaysia



**Ms. Shasha Ainaa
Zulyazan**
Application Engineer
RGS Corporation Sdn Bhd



CONTACT INFO

For further information please
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4 QUALITY
EDUCATION



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