

**SITI AISHAH ABDUL AZIZ**

Bachelor of Health Science (Hons.)(Medical Radiation,
MSc. (Medical Imaging Sciences) with Distinctions

Medical Radiation Programme,
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Specialisation:

Radiology Dosimetry, Gel Dosimetry, Biomedical Image Processing

Research Interest:

- Radiation dosimetry using gel based dosimeter for 3D dose verification
- Patient monitoring and dose assessment of post treatment in Nuclear Medicine
- Medical image classification techniques for Alzheimer's Disease Computer Aided Diagnosis (CAD)

Research Recognition and Achievements:

Co-author of Sanggar Sanjung 2014 in International Journal of Nanomedicine entitled "Optimal energy for cell radiosensitivity enhancement by gold nanoparticles using synchrotron-based monoenergetic photon beams"

Available Postgraduate Research Topics:

1. Evaluation of radioactive body burden in ^{131}I Iodine therapy for differentiated thyroid cancer
2. Age-specific MRI brain template for healthy adults from age 30 years onwards
3. Region-based detection of Alzheimer's Disease using 3D brain MRI