



# Professor Dr Ahmad Taufek Abdul Rahman

MIInstP MIPEM

Medical Physicist: MAHPC (MP) 000008

■ Professor of Radiation and Medical Physics



## ACADEMIC QUALIFICATION

26 Julai 2011



Doctor of Philosophy (PhD)  
(Medical Physics)  
University of Surrey, UK

22 Mei 2004



Master of Science (MSc)  
(Health Physics)  
Universiti Teknologi Malaysia,  
(UTM)

21 Ogos 1999



B.Sc. & Ed. (Hons.)  
in Physics & Mathematics  
Universiti Teknologi Malaysia,  
(UTM)

## SERVICE HISTORY

1999

14 July 1999  
• Appointed PTFT Lecturer

1 September 1999  
• Appointed Contract Lecturer

2001

1 January 2001  
• Appointed Permanent Lecturer

23 May 2001  
• TPM SLAB Scholarship Offer (MSc)

2003

25 August 2003  
• Appointed Temporary Lecturer

2004

22 May 2004  
• Appointed Permanent Lecturer

2007

14 February 2007  
• Confirmation in Service

1 October 2007  
• SLAI Scholarship Offer (PhD)

2012

17 December 2012  
• Appointed Associate Professor

2019

6 July 2019  
• Appointed Fellow Malaysia  
Association of Medical Physics

2022

6 October 2022  
• Appointed Professor (VK7)

## PUBLICATION

**114**  
Total manuscripts

**45** Indexed Journals  
• Q1 - 11  
• Q2 - 21  
• Q3/Q4 - 13

**12** Indexed Proceedings

**49** Other Publications

**4** Books / Research Books

**4** Policy / Report

## CITATION & H-INDEX

**496**  
(WOS)  
**13**

**580**  
(SCOPUS)  
**13**

**838**  
(GOOGLE SCHOLAR)  
**15**

## SUPERVISION

**12**  
Postgraduate Students

**3** PhD graduated

**3** PhD active

**4** MSc graduated (UiTM)

**2** MSc graduated (Non UiTM)

## INNOVATION

**Copyright CRL**  
Y00020899

**Gold Award IDEX2019**  
(3Ddose - microHD)

**Silver Award ITEX2020**  
(3Ddose - microHD)

## RESEARCH GRANT

**RM 8.58 M**  
Total awarded

**2** International • **RM20K** **21** PI

**6** National (Institutional Research) • **RM751K** **17** Member

**30** National (Research in Field) • **RM6.82M**

**2** Consultancy Project (Industry) • **RM1.03M**

## ADMINISTRATIVE POST

**2023** ▶ Rector UiTM Selangor

**2022** ▶ Assistant Rector UiTM Sungai Buloh & Selayang Campuses

**2019** ▶ Director University Transformation Division (BTU)

• Director Strategic Planning & Information Center (CSPI)

**2015** ▶ Director Research Management Center (RMC - IRMI)

**2014** ▶ Head of Research (Monitoring Unit - RMI)

**2013** ▶ Deputy Rector of Academic Affairs (HEA), UiTM Negeri Sembilan

**2012** ▶ Coordinator Physics Unit, UiTM Negeri Sembilan  
• Coordinator, Radiation Protection and Safety Unit UiTM Negeri Sembilan

• Coordinator, Graduate Studies Unit, UiTM Negeri Sembilan

• Coordinator, Science Laboratory Unit, UiTM Negeri Sembilan

**2006** ▶ Coordinator, Research & Commercialization Development Unit (URDC), UiTM Negeri Sembilan

**2005** ▶ Academic Coordinator (Academic Affairs) UiTM Negeri Sembilan

• Coordinator of the Institute of Academic Leadership and Quality Management UiTM Negeri Sembilan

• Head of Physics Unit UiTM Negeri Sembilan

**2004** ▶ Head of Physics Unit UiTM Negeri Sembilan

## NETWORKING & COLLABORATION

**2014-2017**



Visiting Senior Fellow at University of Surrey, UK

**2011 - 2012**



Visiting Researcher at University of Surrey, UK

**2021**



Visiting Researcher at King Saud University, Saudi Arabia

**2022-2027**

Senior Fellow IOS

**2019 - 2022**

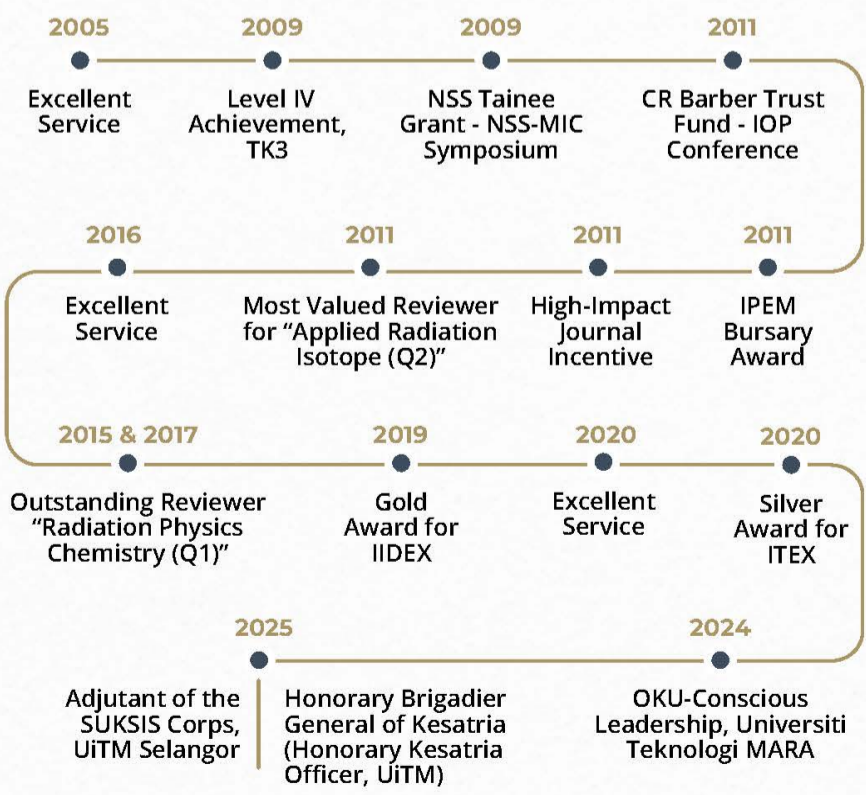
Fellow IOS

**2015 - 2019**

Associate Fellow IOS



## AWARDS



## UNIVERSITY SERVICES

1

2004 – 2022

Academic Administrator

2014 – 2016

INQKA Evaluation Panel

2025

Panel Writer, UiTM 2025 Strategic Planning Document

2014

Panel Writer, RMK11 Strategic Planning Book

2016

Panel Writer, UiTM Governance Document 2015

15

Academic Development Committee

30

Member, Faculty/Campus/University Executive Meetings

20

Member, Faculty and Campus Committee

30

Involvement in Student Activities

## EXPERT SERVICES MINISTRY OF HIGHER EDUCATION

4

2019

Panel Evaluator MOHE Research Grant

• Task Force NUOF - for Malaysia Research Management Governance Grant

2021-2025

Writing Panel for the MOHE Entrepreneurship Action Plan

2019-2021

ROI Study Task Force, MOHE Research Grant

2020 - 2022

Technical Expert Panel, MOHE-PENJANA Career Advancement Programme (MOHE-PENJANA-CAP)

## EXPERT SERVICES MINISTRY OF EDUCATION

6

2012 – 2019

Examiner Panel for Matriculation

2000 – 2012

Chief Physics Examiner Panel for Matriculation

2011 – 2020

Matriculation Physics Curriculum and Assessment Panel

2014

Matriculation Physics Review Panel

2025

Expert Panel for Physics Curriculum Consultation

## PANEL OF EXAMINER/EVALUATOR/JUDGE

2

2021-2023

Member, Board of Studies, Faculty of Science, UTM

2021-2023

External Assessor, Physics Curriculum, UTM

2022

External Assessor, Physics Curriculum, UTM

• Postgraduate External Examiner (16 MSc & PhD)

• Postgraduate Internal Examiner (12 MSc & 4 PhD)

• Panel of Reviewer (38 Indexed Journal)

2019-2021

Judge RICES-MMU

2015-2019

Judge iINDEX UiTM

2012

Judge IID UiTM Negeri Sembilan

2012

Judge ISRP15

## EDITORIAL TEAM

3

2020-Now

Physics and Technology in Medicine Journal

2012 – 2014

Journal of Academia (UiTM NS)

2019

Editor Proceeding - Physics & Material Symposium

2015 – 2018

SRJ Journal

2019

Editor Proceeding - J. Phys. Conf. Ser. 1248-011001

## EXPERT SERVICES MOSTI

5

2021

Expert Panel for the Malaysia Research & Development Classification System (MRDCS)

2017

Facilitator Focus Group Discussion IR4.0

2013 - 2019

Member Young Scientist Network-Academy Science Malaysia (YSN-ASM)

2020

Member of Content Committee for the 2020 Virtual National Science Challenge

2016

Research Grant Evaluation Panel, MAKNA

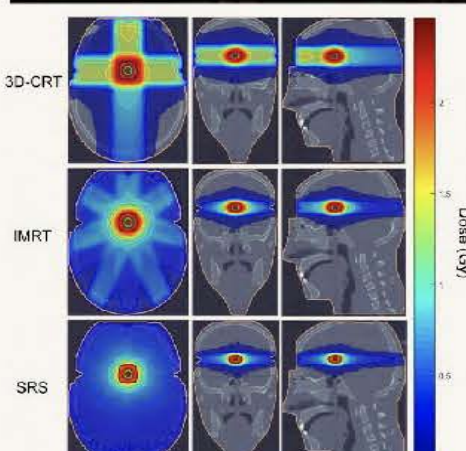
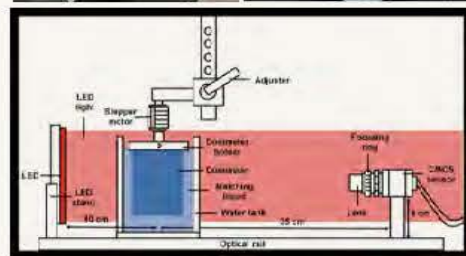
## EXPERT SERVICES MINISTRY OF HEALTH

7

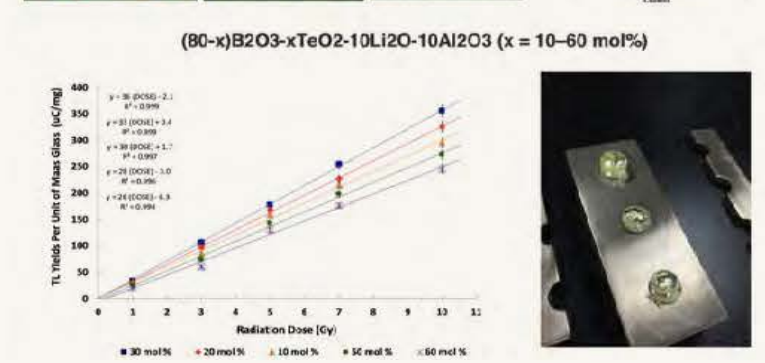
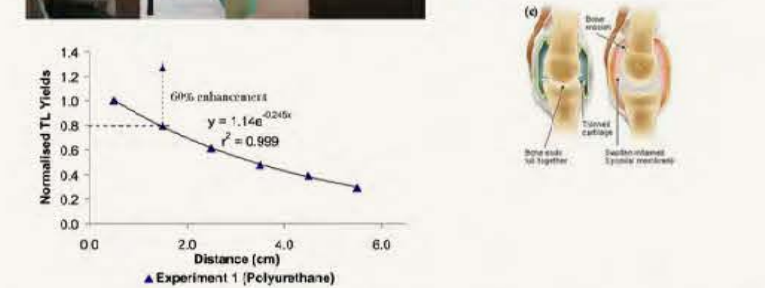
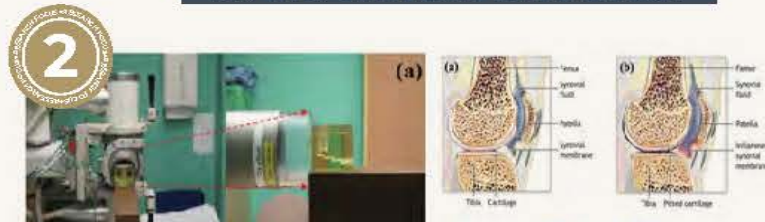
• Member, Committee on Professional Qualification Assessment for Medical Physics

## RESEARCH CONTRIBUTION

### 3D MICROHD-OCT SYSTEM FOR RADIOTHERAPY OF CANCER



### DOPED SILICA OPTICAL FIBRE/ GLASS DOSIMETER AS RADIATION DETECTOR



### NATURAL OCCURRING RADIOACTIVE MATERIAL IN SELANGOR, JOHOR AND PERAK

