



CURRICULUM VITAE



I. PERSONAL PARTICULARS

Name	DR. WAN YUSMAWATI BINTI WAN YUSOFF
Current Position Faculty / Department	LECTURER (DS52) PUSAT ASASI PERTAHANAN / PHYSICS DEPARTMENT

II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

(Please list all academic qualifications, from your first degree, in chronological order)

Year	Degree	Discipline	University
1998-2001	Bac. Sci (Hons)	Physics (Instrumentation Science)	Universiti Putra Malaysia
2002-2005	Master of Science	Applied Optics	Universiti Putra Malaysia
2010-2014	Ph.D	Microengineering and Nanoelectronics	Universiti Kebangsaan Malaysia

III. TITLES OF POSTGRADUATE THESES WRITTEN (At MSc/PhD Level)

No.	TITLES OF POSTGRADUATE THESES
1	Pencirian Antarasambungan Pakej Mikroelektronik Terhadap Keadaan Sinaran Gamma Terlampau
2	Optical Properties and Kinetic Behaviour of Some Chemicals and Biological Species using Surface Plasmon Resonance Optical Sensor

IV. WORK EXPERIENCE (Please list your relevant experience in chronological order)

Year	Position	Organisation	Start and End Date
2007	Lecturer	Universiti Pertahanan Nasional Malaysia	June 2007 - Present
2004	Science Officer (Contract)	Universiti Putra Malaysia	July 2004 – June 2007
2002	Tutor (Part Time)	Universiti Putra Malaysia	Mei 2002 – Nov 2004
2001	Reasearch Assistant	Universiti Putra Malaysia	Nov 2001 – Mei 2002

1.0 TEACHING AND SUPERVISION**1.1 Postgraduate Courses**

(Please list in chronological order and state: course title, semester and year)

No.	Course Title	Semester	Year
1	Research Methodology	1	2021/2022

1.2 First Degree Courses

(Please list in chronological order and state: course title, semester and year)

No.	Course Title	Semester	Year
	NIL		

1.3 Diploma Courses

(Please list in chronological order and state: course title, semester and year)

No.	Course Title	Semester	Year
	NIL		

1.4 Pre-Degree Courses

(Please list in chronological order and state: course title, semester and year)

No.	Course Title	Semester	Year
1.	FPS 0113 Physics I FPS 0111 Physics Lab I	I	2007/2008
2.	FPA 0223 Physics II FPA 0241 Physics Lab II	II	2007/2008
3.	FPA 0223 Physics II (repeated student)	III	2007/2008
4.	FPA 0113 Physics I FPA 0121 Physics Lab I	I	2008/2009
5.	FPA 0233 Physics II FPA 0241 Physics Lab II	II	2008/2009
6.	FPA 0113 Physics I FPA 0121 Physics Lab I	I	2009/2010
7.	FPA 0233 Physics II FPA 0241 Physics Lab II	II	2009/2010
8.	FPY 0316 Physics I	I	2014/2015
9.	FPY 0326 Physics II	II	2014/2015
10.	FPY 0316 Physics I	I	2015/2016
11.	FPY 0326 Physics II	II	2015/2016
12.	FPY 0316 Physics I	I	2016/2017
13.	FPY 0326 Physics II	II	2016/2017
14.	FPY 0316 Physics I	I	2017/2018
15.	FPY 0326 Physics II	II	2017/2018
16.	FPY 0316 Physics I	I	2018/2019
17.	FPY 0326 Physics II	II	2018/2019
18.	FPY 0316 Physics I	I	2019/2020
19.	FPY 0326 Physics II	II	2019/2020
20.	FPY 0316 Physics I	I	2020/2021
21.	FPY 0326 Physics II	II	2020/2021
22.	FPY 0316 Physics I	I	2021/2022
23.	FPY 0326 Physics II	II	2021/2022
24.	FPY 0326 Physics I1	I	2022/2023

1.5 PhD Supervision

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main / Co-Supervision)	Status <ul style="list-style-type: none">• Completed• Submitted• In Progress	University
	NIL					

1.6 PhD External/Internal Examination

(Please list in chronological order)

No.	Name of Student	Project Title	External / Internal	Date of Viva	University
	NIL				

1.7 MSc (by Research)

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main / Co-Supervision)	Status <ul style="list-style-type: none">• Completed• Submitted• In Progress	University
1.	Nur Shafiqah binti Safee	Effect of Blast Wave Toward Micromechanical and Physical Properties of Solder Joint	1 Dec 2017	Main Supervisor	Completed	UPNM
2.	Nur Farisa Nadia binti Mohamad Lehan	Good Governance As A Mediating Effect Of The Elements Of Civil Military Interaction Towards The Acceptance Of The Lebanese On Malaysia Peacekeeping Operations	8 Dec 2020	Main Supervisor	In Progress	UPNM

3.	Muhammad Nur Hisyam bin Rosman	Effect Of Ionizing On Physical And Micromechanical Properties Of Solder Joint	18 Sep 2020	Main Supervisor	In Progress	UPNM
4.	Abdullah Helmi bin Isahak	An Investigation to Characterization the Sandwich Metal Penal of Magnesium AZ31B and Roll Homogenous Armour Plate (RHA) Based on Crack Growth Under Impact Responses Technique	11 Mac 2020	Co-Supervisor	Completed	UPNM
5.	Asyraf Hakimi bin Azmi	Fabrication Of Bismuth Oxyiodide Thin Film For Non-Toxic Perovskite Solar Cell	2 Mac 2020	Co-Supervisor	Completed	UPNM
6.	Nor Falihan binti Ramli	Structural, Optical and Radiation Shielding Properties of Bismuth-Boro-Tellurite Glass Doped Thulium Oxide	10 Mac 2021	Co-Supervisor	In Progress	UPNM

1.8 MSc External/Internal Examination

(Please list in chronological order)

No.	Name of Student	Project Title	External / Internal	Date of Viva	University
1.	Aqeel bin Idrus	First Principles Study on Novel Cathode Material NaFeSO ₄ Oh For Sodium Ion Battery	Internal	14 July 2020	UPNM

1.9 Supervision (Postgraduate Research Project or Final Year Research Project)

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main/Co-Supervision)	Status • Completed • Submitted • In Progress
1.	PKdt Mohd Amirfaris bin Yazid	Vibro acoustic detection using reflected laser beam	2010	Co-supervisor	Completed
2.	Saiful Adilin Ramli	Study of Fluorescent Lamps Conductivity for Radio Applications	2014	Co-supervisor	Completed
3.	Mohamad Izhar Ayub	Implementation of Trigonometry Function using CORDIC Algorithm	2014	Co-supervisor	Completed
4.	Jonnysius Singoi	Mechanical Properties of Natural Ceramic Composite made from CSM Coconut Fiber and Gypsum	2014	Co-supervisor	Completed
5.	Nik Mohd Shahrul Nizam Azmi	Physical Properties of Natural Ceramic Composite made from CSM Coconut Fiber and Gypsum	2014	Co-supervisor	Completed
6.	Muhammad Syafiq Kamarudin	Study on Mechanical and Structural Properties of Ternary Tellurite Glass Composite	2015	Co-supervisor	Completed
7.	Normidatul Salwa Sobri	Micromechanical Properties and Microstructure Studies of Sn-0.3Ag0.5Cu Solder Joint in Exposure to Gamma Radiation	2019	Co-supervisor	Completed
8.	Wan Nurzakirah binti Wan Jama Anasir	Microstructure & Micro Hardness Properties of Sn (Tin) Ag (Silver Cu (Copper) Solder Joint SAC0307 Under Blast Wave Condition with Different Surface Finish	2020	Co-supervisor	Completed
9.	Pkdt Mohamad Tirmizi bin Suhaimi	Sistem Visual Analisis bagi Pengelasan Polariti <i>Coronavirus Tweet</i>	2021	Co-supervisor	Completed
10.	Muhammad Alif Aisar bin Ab Aziz	Sistem Visualisasi Analisis Sentimen Bagi	2021	Co-supervisor	Completed

		Pengelasan Penilaian Penggunaan Dadah dalam Ubat			
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2.0 RESEARCH, PUBLICATION AND PRESENTATION

2.1 Research Projects

(Please list in chronological order and state: title, list of researchers, grant/year, source/amount and status)

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
1.	Theoretical Gamma Shielding Properties of Bismuth-Boro-Tellurite Glass Doped TM ₂ O ₃ /EU ₂ O ₃ for Radiation Defense Material	Member UPNM/2019/GP JP/2/SG/6	1 Dec 2019 – 30 Nov 2021	GPJP RM20,000	Completed
2.	Synthesis, characterization and fabrication of bismuth oxyiodide thin film for non-toxic perovskite solar cells	Member FRGS/1/2019/S TG07/UPNM/02/ 3	1 Sept 2019 – 31 May 2022	FRGS RM108,200	Completed
3.	Atomic-level mechanism of interconnect materials for electronic packaging in exposure to ionizing radiation	Principle FRGS/1/2018/S TG07/UPNM/02/ 1	1 Jan 2019-30 April 2022	FRGS RM86,000	Completed
4.	Radiation-induced Synthesis of Polymer-Caged Liposome for Anticancer Drug Carrier Applications	Member GUP-2016-010	1 Mei 2016 – 30 April 2018	Geran Penyelidikan UKM RM106,000	Completed
5.	Study of intermolecular interaction between carbon nanotubes and π -conjugated molecules for ultrafast optical switching	Member RAGS/1/2015/S G0/UPNM/03/1	1 Dec 2015 – 30 Mei 2018	RAGS RM45,000	Completed
6.	Mekanisma gerakbalas bahan pakej mikroelektronik terhadap gelombang letupan	Principle FRGS/1/2015/S G06/UPNM/03/1	1 Nov 2015 – 30 Oct 2017	FRGS RM95,200	Completed
7.	Electronic structure of metal oxide/organic semiconductor interface by optical second harmonic generation measurement	Member FRGS/1/2015/S G02/UPNM/03/1	2 Nov 2015 – 30 April 2018	FRGS RM116,000	Completed
8.	Gamma radiation resistance of new multicomposition tellurite glass doped Er/Ce rare earth ion	Principle FRGS/1/2013/S G06/UPNM/03/1	1 Mei 2013 – 30 October 2015	FRGS RM95,000	Completed

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
9.	A study of blast-wave propagation from free field and underground high explosive (HE) detonation	Member	May 2010-April 2012	FRGS RM48500	Completed

2.2 Publications

2.2.1 Academic Journal

(Please list in chronological order and state: authors, year, title, publisher/journal, volume and number of pages (Please bold your name))

No.	Authors, year, title, publisher/journal, volume and number of pages (Please bold your name)	Type of Journal • ISI • SCOPUS • Peer-Reviewed
1.	Yusoff, W.Y.W. , Ismail, N., Lehan, N.F.N.M., Azuraida, A., Ahmad, K.Z.K., Jalar, A. Rahman, I.A. 2022. Micromechanical response of SAC305 solder alloy under gamma radiation via nanoindentation approach. Soldering and Surface Mount Technology http://doi.org/10.1108/SSMT-09-2021-0060	ISI
2.	Azuraida A., Nurshahidah O., Yusoff W.Y.W. , Falihan R., Abdul-Manaf N.A., Ahmad N. 2021. Effect of thulium boro-tellurite glass system on radiation shielding parameters. Journal of Ovonic Research 18(2), 141-148	Scopus
3.	Lehan, N.F.N.M., Yusoff, W.Y.W. , Sobri, N.S., Ahmad, K.Z.K., Abdullah, M.F., Azuraida, A., Jalar, A. Rahman, I.A., Salleh, E.M. 2022. EDS analysis on effect of low dosage gamma radiation and micromechanical properties of SnAg ₃ Cu _{0.5} solder. Journal of Materials Science: Materials in Electronics 33(7), 4225-4236.	ISI
4.	Lehan N.F.N.M, Yusoff, W.Y.W, Ku Ahmad, K.Z, Abdullah, M.F, Amat, A., Ismail, N., Jalar, A., & Abdul Rahman, I. (2022). Correlation between Gamma Radiation Dose on Hardness, Thickness of Intermetallic Compound and Contact Angle. Solid State Science and Technology 29 (1&2), 40-46.	Peer Reviewed
5.	Nur Shafiqa Safee, Wan Yusmawati Wan Yusoff, Ariffi Ismail, Norliza Ismail, Maria Abu Bakar, Azman Jalar. 2020. Solid State Phenomena 307, 31-36.	SCOPUS
6.	Rahmat N.F., Wan Yusoff W.Y., Jalar A., Azuraida A., Rahman I.A., Ibrahim N.S. 2021. Effect of Gamma Radiation on Micromechanical Behaviour of SAC305 solder. Solid State Phenomena 307;317:535-540.	SCOPUS
7.	Noor Fadhilah Rahmat, Wan Yusmawati Wan Yusoff, Nor Azlian Abdul Manaf, Azman Jalar, Nur Shafiqa Safee, Azuraida Amat, Nurazlin Ahmad, Irman Abdul Rahman, Norliza Ismail and Najib Saedi Ibrahim. 2021. Effect of Gamma Radiation on Micromechanical Behavior of SnPb Solder Alloy. Zulfaqar Journal of Defence Science, Engineering & Technology. 4 (1), 45-50.	Peer-Reviewed

8.	A.H. Isahak, M.F. Abdullah, M.K. Faidzi, W.Y.W. Yusoff , S. Abdullah, A.Ali, M.M.Mubasyir. 2021. A Study of Stress Behaviour and Energy Absorption for Sandwich Metal Penal Compared to Solid Material under Static Condition. <i>Journal of Failure Analysis and Prevention</i> 21(6), 2021-2028.	SCOPUS
9.	Mohd Nor Faiz Norraahim, Noor Azilah Mohd Kasim, Victor Feizal Knight, Muhammad Syukri Mohamad Misenan, Nurjaharah Janudin, Noor Aisyah Ahmad Shah, Herdawati Kasim, Wan Yusmawati Wan Yusoff , Siti Aminah Mohd Nor, Siti Hasnawati Jamal, Keat Khim Ong, Wan Md Zin Wan Yunus. 2021. Nanocellulose: a Bioadsorbent for Chemical Contaminant Remediation. <i>RSC Advances</i> 11, 7347-7368.	ISI
10.	Norliza Ismail, Azman Jalar, Maria Abu Bakar, Nur Shafiq, Wan Yusmawati Wan Yusoff , Ariffin Ismail. 2021. Microstructural Evolution and Micromechanical Properties of SAC305/CNT/Cu Solder Joint under Blast Wave Condition. <i>Soldering and Surface Mount Technology</i> 33(1), 47-56.	ISI
11.	Mohd Nor Faiz Norraahim, Mas Amira Idayu Abdul Razak, Noor Aisyah Ahmad Shah, Herdawati Kasim, Wan Yusmawati Wan Yusoff , Norhana Abdul Halim, Siti Aminah Mohd Nor, Siti Hasnawati Jamal, Keat Khim Ong, Wan Md Zin Wan Yunus, Victor Feizal Knight, Noor Azilah Mohd Kasim. 2020. Recent developments on oximes to improve the blood brain barrier penetration for the treatment of organophosphorus poisoning: a review. <i>RSC Advances</i> 10, 4465-4489.	ISI
12.	Norliza Ismail, Azman Jalar, Wan Yusmawati Wan Yusoff , Nur Shafiq Safee, Ariffin Ismail. 2020. Effect of Shock Wave on Constant Load Behaviour of Pb-free/CNT Solder Joint. <i>Sains Malaysiana</i> 49(12), 3037-3044.	ISI
13.	Maria Abu Bakar, Azman Jalar, Wan Yusmawati Wan Yusoff , Nur Shafiq Safee, Ariffin Ismail, Najib Saedi Ibrahim. 2019. Kesan Gelombang Kejutan Ke Atas Sifat Mikromekanik Sambungan Pateri SAC 0307/ENiG Menggunakan Pendekatan Pelekukan Nano, <i>Sains Malaysiana</i> 48(6), 1273-1279	ISI
14.	N.A. Abdul-Manaf, W.Y.W. Yusoff , S.Z. Ngah Demon, N.A. Shaari, A. Shamshuddin, N.S. Mohamed. 2019. Anodic and cathodic deposition of polyaniline films: A comparison between the two methods. <i>Materials Research Express</i> 6(9), 096453.	ISI
15.	W.Y.W. Yusoff , N. Ismail, N.S Safee, A. Ismail, A. Jalar, M. Abu Bakar, 2019. Correlation of Microstructural Evolution and Hardness Properties of Sn-0.3Ag-0.7Cu (SAC0307) Lead Free Solder Under Blast Wave Condition. <i>Soldering & Surface Mount Technology</i> 3(2), 102-108	ISI
16.	N.N.M. Fedzir, W.Y.W. Yusoff , A. Jalar. 2017. Effect of Substrate Pre-Soldering Temperature on Wettability of SAC287 Lead Free Solder. <i>Journal of Fundamental and Applied Science</i> . Vol. 9 Special Issue 3. <i>Journal of Fundamental and Applied Sciences</i> 9(3S), 154-166.	Peer-Reviewed
17.	Wilfred Paulus, Irman Abdul Rahman, Azman Jalar, Roslina Ismail, Wan Yusmawati Wan Yusoff and Maria Abu Bakar. 2017. The Relationship between XRD Peak Intensity and Mechanical Properties of Irradiated Lead-Free Solder. <i>Materials Science Forum</i> 888: 423-427	Scopus
18.	Wan Yusmawati Wan Yusoff , Azman Jalar, Norinsan Kamil Othman & Irman Abdul Rahman. 2016. Nanoindentation Study on Heat Treated Gold Wire Bonding. <i>Materials Science Forum</i> 857, 31-35.	Scopus
19.	Wan Yusmawati Wan Yusoff , Roslina Ismail, Azman Jalar, Norinsan Kamil Othman and Irman Abdul Rahman. 2014. Microstructural evolution and micromechanical properties of gamma-irradiated Au ball bonds. <i>Materials Characterization</i> 93: 129-135 (ISI Q1: 1.88).	ISI

20.	Foo Siew Peng, Wan Yusmawati Wan Yusoff and Azman Jalar. 2014. Dimensional and structural stability of gamma irradiated stacked die Quad Flat No Leads (QFN). <i>Sains Malaysiana</i> 43(6):827-832.	ISI
21.	M.S. Abdul Aziz, M.Z. Abdullah, C.Y. Khor, A. Jalar, M.A. Bakar, W.Y.W. Yusoff , F. Che Ani, N. Yan, M. Zhou, C. Cheok. 2014. Implications of adjustable fountain wave in pin through hole soldering process. <i>Arab J Sci Eng.</i> 39 (12): 9101-9111.	ISI
22.	Azman Jalar, Wan Yusmawati Wan Yusoff , Norinsan Kamil Othman, Irman Abdul Rahman, 2014. High Temperature Storage and Gamma Radiation effects on Mechanical. <i>Advanced Materials Research</i> , 895: 567-570.	Scopus
23.	Azman Jalar, Wan Yusmawati Wan Yusoff , Norinsan Kamil Othman, Shahrum Abdullah, Irman Abdul Rahman, 2012. Gamma Irradiation Effect on Load-deflection Curve of Semiconductor Package. <i>Advanced Materials Research</i> , Vols. 399-401: 912-915.	Scopus
24.	Wan Yusmawati Wan Yusoff , Azman Jalar, Norinsan Kamil Othman and Irman Abdul Rahman. 2011. Effect of Gamma-irradiation towards Stress-strain Curve of Single Die QFN Package. <i>Materials Science Forum</i> , Vol. 694: 620-624.	Scopus
25.	W.Y.W. Yusmawati and W. Mahmood Mat Yunus. 2007. Optical Properties and Kinetic Behavior of Chlorine in Pure Water and Swimming Pool Water using Surface Plasmon Resonance Technique. <i>Am. J. Applied Sci.</i> , 4(12):1024-1028.	Scopus
26.	W.Y.W. Yusmawati , H.P. Chuah and M.Y.W. Mahmood. 2007. Optical Properties and Sugar Content Determination of Commercial Carbonated Drinks using Surface Plasmon Resonance. <i>Am. J. Applied Sci.</i> , 4(1):01-04	Scopus
27.	A.K. Saliana, M.Y.W. Mahmood, A.W. Zaidan, K. Anuar, M.N. Norkamizah, L.Y.C. Josephine and W.Y.W. Yusmawati . 2007. Thermal and Carrier Transport Properties of Ag/Si Silicides Compound Prepared on p-type Si Substrate. <i>J. Solid St. Sci. and Technol. Letters</i> , Vol 14, No 1: 105-112 (2007).	Peer-Reviewed
28.	Wan Yusmawati Wan Yusoff , W. Mahmood Mat Yunus, Khatijah Yusoff, Mohd Maarof Moxsin and Zainal Abidin Talib. 2005. Surface Plasmon Resonance Optical Sensor for Detection of DNA Solution. <i>J. Solid St. Sci. and Technol. Letters</i> , Vol 12, No 1&2: 407-413.	Peer-Reviewed
29.	Wan Yusmawati Wan Yusoff , W. Mahmood Mat Yunus, Mohd Maarof Moxsin and Zainal Abidin Talib. 2005. Determination of Chlorine in Water and Swimming Pool using Surface Plasmon Resonance Optical Sensor". <i>J. Solid St. Sci. and Technol. Letters</i> , Vol 12, No 1&2: 338-346.	Peer-Reviewed
30.	Wan Yusmawati Wan Yusoff and W. Mahmood Mat Yunus. 2003. Thermal Diffusivity Measurement of Abrasive Paper using Photoacoustic Technique. <i>Pertanika J. Sci. & Technol.</i> 11(2): 301-309.	Peer-Reviewed
31.	Wan Yusmawati Wan Yusoff , W. Mahmood Mat Yunus, Chia Pei Fung and Rosyaini Afindi Zaman. 2003. Thermal Diffusivity Measurement of Malaysian Hardwood using Photoflash Technique. <i>Sains Malaysiana</i> 33(2): 169-174.	Peer-Reviewed

2.2.2 Book/Chapter in Book:

(Please list in chronological order and state: authors, year, title, publisher, volume and number of pages
(Please bold your name))

No.	Authors, year, title, publisher, volume and number of pages (Please bold your name)	Level • International • National • University
1.	Abqari Luthfi Albert Abdullah, Azuraida Amat, Fadhlina Che Ros, Fadhlul Wafi Badrudin, Fauziah Abdul Aziz, Muhd Zu Azhan Yahya, Nor Azlian Abdul Manaf, Norhana Abdul Halim, Noriza Ahmad Zabidi, Noor Fadhilah Rahmat, Nurazlin Ahmad, Nurshahidah Osman, Nurul Hazwani Aminuddin Rosli, Shahrul Izawan Ahmad, Siti Zulaikha Ngah Demon, Wan Yusmawati Wan Yusoff . 2022. Physics I for Defence Foundation Studies, UPNM 2022/2023. Tenth Edition.	University
2.	Fadhlina Che Ros, Wan Yusmawati Wan Yusoff , Siti Zulaikha Ngah Demon, Nor Azlian Abdul Manaf, Azuraida Amat, Nurul Hazwani Aminuddin Rosli, Noor Fadhilah Rahmat, Fadhlul Wafi Badrudin, Shahrul Izwan Ahmad, Norhana Abdul Halim, Fauziah Abdul Aziz, Muhd Zu Azhan Yahya, Nurazlin Ahmad, Abqari Luthfi Albert Abdullah, Noriza Ahmad Zabidi, Nurshahidah Osman, 2018. Physics II for Defence Foundation Studies, UPNM 2021/2022. Eight Edition.	University
3.	Azuraida Amat, Fadhlina Che Ros, Fadhlul Wafi Badrudin, Fauziah Abdul Aziz, Muhd Zu Azhan Yahya, Nor Azlian Abdul Manaf, Norhana Abdul Halim, Noriza Ahmad Zabidi, Noor Fadhilah Rahmat, Nurazlin Ahmad, Nurshahidah Osman, Nurul Hazwani Aminuddin Rosli, SHahrul Izawan Ahmad, Siti Zulaikha Ngah Demon, Wan Yusmawati Wan Yusoff . 2021. Physics I for Defence Foundation Studies, UPNM 2021/2022. Ninth Edition.	University
4.	Norherdawati Kasim, Norhana Abdul Halim, Fadhlul Wafi Badrudin, Ahmad Farid Mohd Azmi, Azuraida Amat, Jahwarhar Izuan Abdul Rashid, Noor Aisyah Ahmad Shah, Noor Azilah Mohd Kasim, Noor Fadhilah Rahmat, Nor Azlian Abdul Manaf, Norli Abdullah, Safura Taufik, Siti Hasnawati Jamal, Siti Zulaikha Ngah Demon, Wan Yusmawati Wan Yusoff , 2020. Kompilasi Ujikaji Sains Sekolah Rendah dan Menengah, Penerbit UPNM	National
5.	Fadhlina Che Ros, Wan Yusmawati Wan Yusoff , Siti Zulaikha Ngah Demon, Nor Azlian Abdul Manaf, Azuraida Amat, Nurul Hazwani Aminuddin Rosli, Noor Fadhilah Rahmat, Fadhlul Wafi Badrudin, Shahrul Izwan Ahmad, Norhana Abdul Halim, Fauziah Abdul Aziz, Muhd Zu Azhan Yahya, Nurazlin Ahmad, Abqari Luthfi Albert Abdullah, Noriza Ahmad Zabidi, Nurshahidah Osman, 2018. Physics II for Defence Foundation Studies, UPNM 2020/2021. Seventh Edition.	University
6.	Azuraida Amat, Fadhlina Che Ros, Fadhlul Wafi Badrudin, Fauziah Abdul Aziz, Muhd Zu Azhan Yahya, Nor Azlian Abdul Manaf, Norhana Abdul Halim, Noriza Ahmad Zabidi, Noor Fadhilah Rahmat, Nurazlin Ahmad, Nurshahidah Osman, Nurul Hazwani Aminuddin Rosli, SHahrul Izawan Ahmad, Siti Zulaikha Ngah Demon, Wan Yusmawati Wan Yusoff . 2020. Physics I for Defence Foundation Studies, UPNM 2020/2021. Eighth Edition.	University
7.	Fadhlina Che Ros, Wan Yusmawati Wan Yusoff , Siti Zulaikha Ngah Demon, Nor Azlian Abdul Manaf, Azuraida Amat, Nurul Hazwani Aminuddin Rosli, Noor Fadhilah Rahmat, Fadhlul Wafi Badrudin, Shahrul Izwan Ahmad, Norhana Abdul Halim, Fauziah Abdul Aziz, Muhd Zu Azhan Yahya, Nurazlin Ahmad, Abqari Luthfi Albert Abdullah, Noriza Ahmad Zabidi, Nurshahidah	University

	Osman, 2018. Physics II for Defence Foundation Studies, UPNM 2018/2019. Sixth Edition.	
8.	Siti Zulaikha Ngah Demon, Wan Yusmawati Wan Yusoff , Norhana Abdul Halim, Fadhlina Che Ros, Noriza Ahmad Zabidi, Nor Azlian Abdul Manaf, Azuraida Amat, Nurazlin Ahmad, Abqari Luthfi Albert Abdullah, Nurshahidah Osman, Shahrul Izwan Ahmad, Nurul Hazwani Aminuddin Rosli, Noor Fadhilah Rahmat, Fadhul Wafi Badrudin, 2018. Laboratory Manual Physics II	University
9.	Azuraida Amat, Fadhlina Che Ros, Fadhul Wafi Badrudin, Fauziah Abdul Aziz, Muhd Zu Azhan Yahya, Nor Azlian Abdul Manaf, Norhana Abdul Halim, Noriza Ahmad Zabidi, Noor Fadhilah Rahmat, Nurazlin Ahmad, Nurshahidah Osman, Nurul Hazwani Aminuddin Rosli, Shahrul Izwan Ahmad, Siti Zulaikha Ngah Demon, Wan Yusmawati Wan Yusoff . 2018/2019. Physics I for Defence Foundation. Sixth Edition	University
10.	Laboratory Manual Physics I Session 2018/2019	University
11.	Nor Azlian Abdul Manaf, Siti Zulaikha Ngah Demon, Fadhlina Che Ros, Nurul Hazwani Aminuddin Rosli, Azuraida Amat, , Shahrul Izwan Ahmad, Noor Fadhilah Rahmat, Fadhul Wafi Badrudin, Noriza Ahmad Zabidi, Nurazlin Ahmad, Nurshahidah Osman, Norhana Abdul Halim, Wan Yusmawati Wan Yusoff , Fauziah Abdul Aziz, Muhd Zu Azhan Yahya. 2017. Module Physics II for Defence Foundation Studies. Fifth Edition.	University
12.	Wan Yusmawati Wan Yusoff , Norhana Abdul Halim, Siti Zulaikha Ngah Demon, Fadhlina Che Ros, Noriza Ahmad Zabidi, Nor Azlian Abdul Manaf, Fadhul Wafi Badrudin, Azuraida Amat, Shahrul Izwan Ahmad, Nurul Hazwani Aminuddin Rosli, Noor Fadhilah Rahmat, Nurazlin Ahmad, Nurshahidah Osman, Albert Abqari Luthfi Abdullah. 2017. Laboratory Manual Physics II	University
13.	Azuraida Amat, Fadhlina Che Ros, Fadhul Wafi Badrudin, Fauziah Abdul Aziz, Muhd Zu Azhan Yahya, Nor Azlian Abdul Manaf, Norhana Abdul Halim, Noriza Ahmad Zabidi, Noor Fadhilah Rahmat, Nurazlin Ahmad, Nurshahidah Osman, Nurul Hazwani Aminuddin Rosli, Shahrul Izwan Ahmad, Siti Zulaikha Ngah Demon, Wan Yusmawati Wan Yusoff . 2017. Physics I for Defence Foundation. Fifth Edition	University
14.	Laboratory Manual Physics I Session 2017/2018	University
15.	Norhana Abdul Halim, Fadhlina Che Ros, Nurul Hazwani Aminuddin Rosli, Nor Azlian Abdul Manaf, Wan Yusmawati Wan Yusoff , Noor Fadhilah Rahmat, Siti Zulaikha Ngah Demon, Noriza Ahmad Zabidi, Shahrul Izwan Ahmad, 2016. Physics II for Defence Foundation. Fourth Edition	University
16.	Wan Yusmawati Wan Yusoff , Norhana Abdul Halim, Siti Zulaikha Ngah Demon, Fadhlina Che Ros, Noriza Ahmad Zabidi, Nor Azlian Abdul Manaf, Fadhul Wafi Badrudin, Azuraida Amat, Shahrul Izwan Ahmad, Nurul Hazwani Aminuddin Rosli, Noor Fadhilah Rahmat, Nurazlin Ahmad, Nurshahidah Osman, Albert Abqari Luthfi Abdullah. 2016. Laboratory Manual Physics II	University
17.	Azuraida Amat, Fadhlina Che Ros, Fauziah Abdul Aziz, Nor Azlian Abdul Manaf, Norhana Abdul Halim, Noriza Ahmad Zabidi, Noor Fadhilah Rahmat, Nurazlin Ahmad, Nurshahidah Osman, Nurul Hazwani Aminuddin Rosli, Shahrul Izwan Ahmad, Siti Zulaikha Ngah Demon, Wan Yusmawati Wan Yusoff . 2016. <i>Physics I for Defence Foundation. Fourth Edition</i>	University
18.	<i>Laboratory Manual Physics I Session 2016/2017</i>	University
19.	Norhana Abdul Halim, Noriza Ahmad Zabidi, Wan Yusmawati Wan Yusoff , Shahrul Izwan Ahmad, Nurul Hazwani Aminuddin Rosli, Fadhlina Che Ros,	University

	Noor Fadhilah Rahmat, Siti Zulaikha Ngah Demon, 2015. Physics II for the Defence Foundation. Third Edition.	
20.	<i>Laboratory Manual Physics II Session 2015/2016</i>	University
21.	Norhana Abdul Halim, Noriza Ahmad Zabidi, Wan Yusmawati Wan Yusoff , Shahrul Izwan Ahmad, Nurul Hazwani Aminuddin Rosli, Fadhlina Che Ros, Noor Fadhilah Rahmat, Siti Zulaikha Ngah Demon, 2015. Physics I for the Defence Foundation. Third Edition.	University
22.	Wan Yusmawati Wan Yusoff , Nurazlin Ahmad, Nurul Hazwani Aminuddin Rosli, Noor Fadhilah Rahmat, Siti Zulaikha Ngah Demon, Norhana Abdul Halim, Noriza Ahmad Zabidi, Abqari Luthfi Albert Abdullah, Shahrul Izwan Ahmad, Azuraida Amat, Nurshahidah Osman, 2014. <i>Module Physics II (FPY 0326)</i> .	University
23.	Nurazlin Ahmad, Noriza Ahmad Zabidi, Abqari Luthfi Albert Abdullah, Azuraida Amat, Nurshahidah Osman, Wan Yusmawati Wan Yusoff , Siti Zulaikha Ngah Demon, Noor Fadhilah Rahmat, Nurul Hazwani Aminuddin Rosli, Shahrul Izwan Ahmad, 2014. <i>Laboratory Manual of Physics II (FPY 0326)</i> .	University
24.	Fauziah Abdul Aziz, Norhana Abdul Halim, Noriza Ahmad Zabidi, Nurazlin Ahmad, Abqari Luthfi Albert Abdullah, Azuraida Amat, Nurshahidah Osman, Wan Yusmawati Wan Yusoff , Noor Fadhilah Rahmat, Nurul Hazwani Aminuddin Rosli, Shahrul Izwan Ahmad, 2013. <i>Module of Physics I (FPY 0316)</i> .	University
25.	Nurazlin Ahmad, Noriza Ahmad Zabidi, Abqari Luthfi Albert Abdullah, Azuraida Amat, Nurshahidah Osman, Wan Yusmawati Wan Yusoff , Siti Zulaikha Ngah Demon, Noor Fadhilah Rahmat, Nurul Hazwani Aminuddin Rosli, Shahrul Izwan Ahmad, 2013. <i>Laboratory Manual of Physics I (FPY 0316)</i> .	University
26.	Nurazlin Ahmad, Azuraida Amat, Nurshahidah Osman, Wan Yusmawati Wan Yusoff , Siti Zulaikha Ngah Demon, 2013. <i>Module of Physics II (FPY 0326)</i> , UPNM, Third Edition.	University
27.	Fauziah Abdul Aziz, Norhana Abdul Halim, Noriza Ahmad Zabidi, Nurazlin Ahmad, Abqari Luthfi Albert Abdullah, Azuraida Amat, Nurshahidah Osman, Wan Yusmawati Wan Yusoff , 2013. <i>Module of Physics I (FPY 0316)</i> .	University
28.	Azuraida Amat, Nurazlin Ahmad, Nurshahidah Osman, Wan Yusmawati Wan Yusoff , Siti Zulaikha Ngah Demon, 2013. <i>Laboratory Manual of Physics II (FPY 0326)</i> .	University
29.	Azuraida Amat, Nurazlin Ahmad, Nurshahidah Osman, Wan Yusmawati Wan Yusoff , Siti Zulaikha Ngah Demon, 2013. <i>Laboratory Manual of Physics I (FPY 0316)</i> .	University
30.	Nurazlin Ahmad, Azuraida Amat, Nurshahidah Osman, Wan Yusmawati Wan Yusoff , Siti Zulaikha Ngah Demon, 2012. <i>Module of FPY 0326 (Physics 2)</i> , UPNM, Second Edition. (ISBN 978-967-5985-14-0)	University
31.	Azuraida Amat, Nurazlin Ahmad, Nurshahidah Osman, Wan Yusmawati Wan Yusoff , Siti Zulaikha Ngah Demon, 2012. <i>Module of FPY 0316 (Physics 1)</i> , UPNM, Second Edition. (ISBN 978-967-5985-13-3)	University

2.2.3 Proceeding Articles :

(Please list in chronological order and state: authors, year, title, publisher/conference, volume and number of pages (Please bold your name))

No.	Authors, year, title, publisher/conference, volume and number of pages (Please bold your name)	Level • International • National • University
1.	W.Y.W. Yusoff, N.F.N.M. Lehan, N.S. Sobri, K.Z.K. Ahmad, A. Jalar, I.A. Rahman. 2021. Influences of Low Dose Gamma Radiation on Hardness and Microstructure Properties of Green Solder Joint. Journal of Physics: Conference Series 1816, 012118.	International
2.	N.S. Safee, W.Y.W. Yusoff , A. Ismail, N. Ismail, E.M. Salleh, M.A. Bakar, A. Jalar. 2018. Shock wave effect on micromechanics properties of Sn-Ag-Cu solder (SAC 387) via nanoindentation. IOP Conf. Series: Materials Science and Engineering 409(1), 012013 (Scopus)	International
3.	W.Y.W. Yusoff , N.S. Safee, A. Ismail, M.A. Bakar, A. Jalar. 2018. Micromechanical Properties of Solder Joint Towards Air Blast Exposure. Journal of Physics: Conf. Series 1083(1), 012064 (Scopus)	International
4.	M.S. Abdul Aziz, M.Z. Abdullah, C.Y. Khor, A. Jalar, M.A. Bakar, W.Y.W. Yusoff , F. Che Ani, N. Yan, M. Zhou, C. Cheok. 2015. Effects of PCB thickness on adjustable fountain wave soldering. Sadhana Vol 4, Part 7: 2197-2220 (Scopus)	International
5.	Wilfred Paulus, Irman Abdul Rahman, Azman Jalar, Insan Kamil, Wan Yusmawati Wan Yusoff and Maria Abu Bakar. 2015. Effect of gamma radiation on micromechanical hardness of lead free solder joint. AIP Conference Proceeding 1678, 040018 (Scopus)	International
6.	Wan Yusmawati Wan Yusoff , Azman Jalar, Norinsan Kamil Othman & Irman Abdul Rahman. 2014. Effects of thermal cycling on the mechanical properties of gold wire bonding. IEEE International Conference of Semiconductor Electronics (ICSE 2014) Proceeding: 521-524 (Scopus)	International
7.	Wan Yusmawati Wan Yusoff , Azman Jalar, Norinsan Kamil Othman, Irman Abdul Rahman. 2013. Gamma-irradiation effect on material properties behaviour of semiconductor package. AIP Conference Proceeding 1528: 300-305 (Scopus).	International
8.	Wan Yusmawati Wan Yusoff , Azman Jalar, Norinsan Kamil Othman & Irman Abdul Rahman. 2012. Radiation exposure induced failure on semiconductor package material. IEEE International Conference of Semiconductor Electronics (ICSE 2012) Proceeding: 604-607 (Scopus).	International
9.	W.Y. Wan Yusoff , A. Jalar, N.K. Othman and I. Abdul Rahman. 2011. Effect of Gamma-irradiation towards Stress-strain Curve of Single Die QFN Package. International Conference on Frontier of Nanoscience and Technology (ICFNST 2011): 1810-1819.	International
10.	Balachandran, R., Yow, H.K., Jayachandran, Wan Yusmawati Wan Yusof and Saaminathan, V. 2006. Particle Size Analysis of Barium Titanate Powder by Slow-Rate Sol-Gel Process Route. International Conference (ICSE2006) Proceeding: 406-409.	International
11.	Wan Yusmawati Wan Yusoff , W. Mahmood Mat Yunus, Zainal Abidin Talib, 2004. Kinetic Study of Mono and Disaccharides by Surface Plasmon	National

	Resonance Optical Sensor. <i>Prosiding Seminar Kebangsaan Sains Teknologi dan Sains Sosial 2004</i> : 13-19.	
12.	Wan Yusmawati Wan Yusoff , W. Mahmood Mat Yunus, Mohd Maarof Moxsin and Zainal Abidin Talib, 2004. Surface Plasmon Resonance Optical Sensor for Detection of Chlorine in Swimming Pool. <i>Proceeding of 6th Putra Seminar</i> : 56-62.	University
13.	Yap Siew Hong, W. Mahmood Mat Yunus, Mohd Maarof Moxsin, Zainal Abidin Talib, Wan Yusmawati Wan Yusoff , Josephine Liew Ying Chyi, Rosyaini Afindi Zaman and Noor Haslinda Daud, 2004. Surface Microstructure and Carrier Transport Properties of Au/n-Si and Au/p-Si using Open Photoacoustic Technique. <i>Proceeding 12th Scientific Conference & 13th General Meeting Electron Microscopy Society of Malaysia</i> : 60-68.	National
14.	Wan Yusmawati Wan Yusoff , W. Mahmood Mat Yunus, Mohd. Maarof Moxsin and Zainal Abidin Talib, 2003. Surface Plasmon Resonance Optical Sensor for Detection of Disaccharide in Water. <i>Proceedings of 5th Putra Physics Seminar</i> : 283-288.	University

2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer
1.	8 th International Conference on Solid State Science and Technology (ICSSST2021)	Influence of Gamma Radiation Exposure Towards Hardness, Intermetallic Compound and The Area of Eutectic Phase of Solder Joint	Invited Speaker	1-3 November 2021	UiTM Perlis
2.	1 st International Conference Science Physics and Education (1 st ICSPPE)	EDS Analysis on Effect of Low Dosage Gamma Radiation and Micromechanical Properties of SnAg ₃ Cu _{0.5} Solder	Invited Speaker	10-11 September 2021	Lombok, Indonesia
3.	7 th International Conference on Solid State Science and Technology (ICSSST2019)	The Effect of Blast Exposure Distance on Hardness and Reduced Modulus Properties of Lead-Free Solder	Invited Speaker	11-13 November 2019	UPNM
4.	Research Environment Among Departments (READ)	Metallography Preparation Technique in Microelectronics Package Research	Presenter	26 July 2019	PAP, UPNM

5.	30 th Regional Conference on Solid State Science and Technology (RCSST2018)	Effect of Blast Wave on Intermetallics Formation, Hardness and Reduced Modulus Properties of Green Solder Joints	Invited Speaker	6-8 November 2018	USIM
6.	6 th International Conference on Solid State Science and Technology (ICSSST2017)	Micromechanical Properties of Solder Joint Towards Air Blast Exposure	Invited Speaker	13-16 November 2017	USM
7.	Program Transformasi Minda Bil 1, 2017 UPNM	Pengurusan Kualiti	Presenter	25 Aug 2017	UPNM
8.	5 th International Conference on Solid State Science and Technology (ICSSST2015)	Plastic Deformation of Gamma Irradiated Gold Ball Bond Wire Bonding	Presenter	13-16 Dec 2015	UPM
9.	1 st Electronic Packaging Interconnect Technology Symposium (EPITS2015)	Nanoindentation Study on Heat Treated Gold Wire Bonding	Presenter	21 Nov 2015	UNIMAP
10.	Seminar Saintis Muda 2015	Characterization of Microelectronic Package Interconnection Towards Extreme Gamma Radiation Condition	Presenter	5 Nov 2015	UPNM
11.	11 th IEEE International Conference on semiconductor electronics (ICSE2014)	Effects of thermal cycling on the mechanical properties of Gold wire bonding	Presenter	27-29 Aug 2014	UKM
12.	4 th International Conference on Solid State Science and Technology (ICSSST2015)	High temperature storage and gamma radiation effects on mechanical properties of stacked die package	Presenter	18-20 Dec 2012	UM, MMU
13.	National Physics Conference 2012 (PERFIK2012)	Gamma-irradiation Effect on Material Properties Behaviour	Presenter	19-21 Nov 2012	UKM

		of Semiconductor Package			
14.	10 th International Conference on semiconductor electronics (ICSE2012)	Radiation Exposure induced Failure on semiconductor package material	Presenter	19-21 Sept 2012	UKM
15.	Seminar Siswazah Jabatan Fizik, UPM	Principle and Application Atomic Force Microscope.	Invited Speaker	5 June 2005	UPM
16.	6 th Putra Physics Seminar	Surface Plasmon Resonance Study for Detection of Chlorine in Swimming Pool	Presenter	11 Ogos 2004	UPM

3.0 ACADEMIC RECOGNITION AND LEADERSHIP, CONSULTANCY, SERVICE TO THE UNIVERSITY AND SERVICE TO THE COMMUNITY

3.1 Academic Recognition and Leadership

Academic recognition and leadership such as Academic Award, Academic Assessor/ /Promotion Assessor (External), Visiting Professor/Fellowship, Editorial Board and other academic recognition.

No.	Academic Recognition	Year	Level	Awarding Body / Name of Institution
1.	Defence Security and Sustainability 2022 (DSS 2022) 1 Gold & 1 Silver	2022	University	Universiti Pertahanan Nasional
2.	Silver Award - PKP Publication Contest 3.0	2021	University	Universiti Pertahanan Nasional
3.	Defence Security and Sustainability 2019 (DSS 2019) – 1 Gold, 1 Silver & 1 Bronze	2019	University	Universiti Pertahanan Nasional
4.	Defence Security and Sustainability 2017 (DSS 2017) – Bronze	2017	University	Universiti Pertahanan Nasional Malaysia
5.	Anugerah Khidmat Cemerlang UPNM	2015	University	Universiti Pertahanan Nasional Malaysia
6.	Best Poster Award 1 st Electronic Packaging Interconnect Technology Symposium	2015	National	Universiti Malaysia Perlis
7.	Award - Subject Matter Expert in National Research Project "EPRS-FYP Solder and Soldering 2013-2014"	2014	National	Electronics Packaging Research Society (EPRS)

3.2 Consultancy work that benefited to the University.

(Please list in chronological order and state: title, year, sponsor, value and duration of consultancy)

No.	Title	Year	Sponsor	Value	Duration
1.	Reviewer for Journal of Non-Crystalline Solids NOC-D-17-00162	2017			1 paper
2.	Reviewer for Sains Malaysiana ID: 20279	2017			1 paper
3.	Reviewer for Sains Malaysiana ID: 20642	2018			1 paper
4.	Reviewer for Journal of Non-Crystalline Solids NOC-D-18-01295	2018			1 paper
5.	Reviewer for Soldering & Surface Mount Technology SSMT-11-2018-0046	2018			1 paper
6.	Editorial for Solid State Phenomena (Special Edition)	2019			
7.	Reviewer for Solid State Phenomena	2019			4 papers
8.	Reviewer for The Malaysian Journal of Analytical Science (MJAS)	2019			1 paper
9.	Reviewer for Journal of Non-Crystalline Solids NOC-D-20-00344	2020			1 paper
10.	Judge for Virtual Materials Technology Challenges 4.0 (v-MTC4.0)	2020			9 Presentations 2 September 2020
11.	Reviewer for Physics and Technology in Medicine	2021			1 paper
12.	Judge for 5 th International Innovation, Design and Articulation (i-IDEA™ 2020)	2021			8 Projects
13.	Jury for 2 nd Inter Pre-University Matriculation Innovation Competition 2022	2022			2-4 March 2022

3.3 Service to the University

Service to the university such as Vice Chancellor/Deputy Vice Chancellor/Dean/Director, Deputy Dean/Deputy Director/Unit Coordinator/Hostel Warden, Programme Chairperson/ Assistant Warden/Fellow. Representing University in Sports and Other Non-Academic Activities. Professional/Academic Association (Committee Member).

(Please list in chronological order and state: position/membership and duration)

No.	Position/Membership	Duration
1.	Head of Department of Physics	Aug 2016-Dis 2019
2.	Head of Internal Auditor MS ISO 9001	Dis 2020-present
3.	Document Manager for MS ISO 9001	Oct 2014 – Nov 2020

4.	Record Officer for MS ISO 9001	2008 – 2010
5.	Internal Auditor MS ISO 9001	Oct 2014 – Nov 2020
6.	Coordinator for Physics	Jan 2021
7.	Coordinator for Physics II (Slide)	Jun 2021
8.	Academic Advisor	Since 2020
9.	Committee, Program Ijazah Sarjana Muda (Sains Forensik)	Mei 2016
10.	Committee, Penyediaan Kertas Kerja untuk Senat Bagi Program Asasi Pangajian Islam Pertahanan	Nov 2014
11.	Committee, Permohonan Program Baru Ijazah Sarjana Muda Sains (Fizik)	July 2015
12.	Committee, Program Baharu Ijazah Sarjana Muda Sains Penyiataan Forensik (Kepujian)	April 2020
13.	Reviewer for Post Graduate Colloquium/ Proposal Defence	Since 2019
14.	Reviewer 'Grant Research' Proposal	2018
15.	Deputy President, Kelab Kebajikan dan Rekreasi PAP	2016
16.	Committee of STEM	Since 2019
17.	Coordinator Webinar: How to Sustain Your Passion as Postgraduate Students	July 2021
18.	Chairman of Audit Committee PAP	Since October 2020
19.	Committee of Academic Quality for Pusat Asasi Pertahanan	Since Oct 2020
20.	Committee of Majlis Anugerah UPNM	Since 2019
21.	Committee of Convocation UPNM	Since 2019
22.	Mentor 'Pertandingan Inovasi Inter-Asasi Matrikulasi 2021 (PIITRAM 2021)	Jan – March 2021
23.	Committee, 7 th International Conference on Solid State Science and Technology (ICSSST2019)	2019
24.	Committee 'Kuiz Kimia Kebangsaan Malaysia (K3M)'	2021
25.	Committee (Secretariat and Scientific) in 10 th International Conference on X-Ray and Related Technique in Research and Industry 2021	2021
26.	Registration Team, 7 th International Corrosion Prevention Virtual Symposium for Research Scholar (CORSYM 2021)	2021
27.	Session Chair, 7 th International Corrosion Prevention Virtual Symposium for Research Scholar (CORSYM 2021)	17 th November 2021
28.	Committee, Buletin@Ria Third Edition	2021

29.	Committee Pertandingan Inovasi Inter-Asasi Matrikulasi 2022 (PIITRAM 2022)	Since Nov 2021
30.	Judge (Crown) 5 th International Innovation, Design and Articulation (i-IDEA™ 2020)	8 th – 24 th March 2021
31	Coordinator Webinar 'How to Sustain Your Passion as Postgraduate Students', PAP	July 2021
32.	Member of NADIMASA	Since 2010
33.	Member of KUPENA	Since 2010


3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level
1.	Persatuan Sains & Teknologi Keadaan Pepejal	EXCO	26 Mac 2016	2022	National
2.	Electronic Packaging Research Society	Treasurer	15 April 2015	17 Jun 2021	National
3.	Universiti Pertahanan Nasional Malaysia	Fasilitator Bengkel Training of Trainers bagi Program Mentor Mentee di Bawah Inisiatif Pengukuhan STEM	17 Oct 2018	18 Oct 2018	Kementerian Pendidikan Peringkat Wilayah Persekutuan (Guru-guru Sains Sekolah Rendah)
4.	Sek. Keb. Bandar Bandar Tun Razak 1	Committee of Pameran Sempena Karnival Pendidikan (STEM)	12 Feb 2020	12 Feb 2020	School
5.	Sek. Men. Keb. Bandar Tasik Selatan	Committee of Pameran Sempena Karnival Pendidikan (STEM)	14 Aug 2018	16 Aug 2018	Kementerian Pendidikan Peringkat Wilayah Persekutuan
6.	Gagasan Pendidikan Melayu Malaysia	Committee of Pertandingan Olympiad Sains dan Matematik Peringkat	19 April 2018	19 April 2018	Wilayah Persekutuan

		Wilayah Persekutuan			
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I declare that all the information in this form is true and correct. The University has the right to withdraw or reject the application if any information in this form found to be untrue.

Signature : 

Name : DR. WAN YUSMAWATI BINTI WAN YUSOFF

Faculty/Department : PHYSICS DEPARTMENT, PAP

Date : 26 AUGUST 2022

I verify that, to the best of my knowledge, all the information provided in the forms are true.

Dean
Signature and Stamp :

Date :