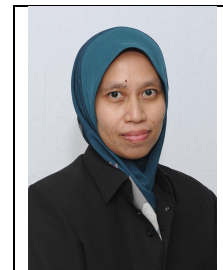


CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI <i>(Personal Details)</i>			
Nama Penuh <i>(Full Name)</i>	Nurisya Mohd Shah		Gelaran <i>(Title)</i> : Assoc. Prof. Dr.
No. MyKad / No. Pasport <i>(Mykad No. / Passport No.)</i> 801205-14-5028	Warganegara <i>(Citizenship)</i> Malaysia	Bangsa <i>(Race)</i> Melayu	Jantina <i>(Gender)</i> Perempuan
Jawatan <i>(Designation)</i>	Profesor Madya	Tarikh Lahir <i>(Date of Birth)</i>	5 Disember 1980

Alamat Semasa <i>(Current Address)</i>	Jabatan/Fakulti <i>(Department/Faculty)</i>	E-mel dan URL <i>(E-mail Address and URL)</i>
92A, Jln. Impian Putra 4/4, Taman Impian Putra, 43000 Kajang, Selangor Tel:	Jab. Fizik, Fakulti Sains, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor Tel: Fax:	E-mail: risya@upm.edu.my URL: H/P: 019-2111240

B. KELAYAKAN AKADEMIK <i>(Academic Qualification)</i>			
Nama Sijil / Kelayakan <i>(Certificate / Qualification obtained)</i>	Nama Sekolah Institusi <i>(Name of School / Institution)</i>	Tahun <i>(Year obtained)</i>	Bidang pengkhususan <i>(Area of Specialization)</i>
Bac. Science in Physics (Hon.)	UPM	2002	Physics
Master of Science	UPM	2008	Quanta & Space-Time
Ph. D	Concordia University, Canada	2014	Physics - Mathematical Physics

C. KEMAHIRAN BAHASA <i>(Language Proficiency)</i>					
Bahasa / Language	Lemah <i>Poor (1)</i>	Sederhana <i>Moderate (2)</i>	Baik <i>Good (3)</i>	Amat Baik <i>Very good (4)</i>	Cemerlang <i>Excellent (5)</i>
English					√
Bahasa Melayu					√
Chinese					
Lain-lain <i>(other)</i> :					

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN (<i>Scientific experience and Specialisation</i>)				
Organization	Position	Start Date	End Date	Expertise
Special Interest Group on Quantum Technology, SIG QT	Member	13/82024	28/2/2025	Quantum Theory
Malaysian Institute of Physics/Institute Fizik Malaysia (IFM)	Council Member	2023	2025	Theoretical and Mathematical Physics/Lifetime member
Malaysian Institute of Physics/Institute Fizik Malaysia (IFM)	Member	2017	current	Theoretical and Mathematical Physics/Lifetime member
American Physical Society	Member	2015	2020	Mathematical Physics
Institute for Mathematical Research	Research Associate	2022	2025	Mathematical Physics
Persatuan Pegawai Akademik UPM	Member	2014	current	
Persatuan Alumni UPM	Member	2002 & 2008	current	BSc Fizik MSc- Quanta & Space-Time
Malaysian Society for Solid State Science & Technology	Life Member	2015	current	Mathematical Physics/Lifetime member
JK Kurikulum Fakulti Sains	Penyelaras Program Jabatan Fizik	2019	current	Theoretical Physics
JK Kurikulum Master dengan Kerja Kursus - Fizik Bahan	Ahli	2024	current	Theoretical Physics

E. PEKERJAAN (<i>Employment</i>)				
Majikan / Employer	Jawatan / Designation	Jabatan / Department	Tarikh Iantikan / Start Date	Tarikh tamat / Date Ended
UPM	Pegawai Sains	Lab. Pengajian Teori, Institut Teknologi Maju	Feb 2003	April 2005
UPM	Tutor	Dept of Physics, Faculty of Science	May 2005	Sept 2014
UPM	Pensyarah Kanan/ Senior Lecturer	Dept of Physics, Faculty of Science	Okt 2014	April 2024
UPM	Profesor Madya/Assoc. Prof.	Dept of Physics, Faculty of Science	May 2024	current

F. ANUGERAH DAN HADIAH (<i>Honours and Awards</i>)				
Name of awards	Title	Award Authority	Award Type	Year
Academic Awards	Anugerah Fellowship Naib Canselor – Kategori Pengajaran 2024 - <i>finalist</i>	Universiti Putra Malaysia	Universiti	2024
	Anugerah PERSAMA, Hadiah Sanjungan		National	2023

	Kategori Makalah Ilmiah, "Algebraic representation of three qubit quantum circuit problem" - <i>winner</i>	Persatuan Sains Matematik Malaysia, (PERSAMA)		
	Gold Winner, v-MTC 4.0 2020 (Materials Science Challenge) - <i>winner</i>	Malaysian Solid States Science Society, MASS Chapter UPM	International	2020
	SLAI - <i>recipient</i>	Kementerian Pengajian Tinggi & UPM	National	2008
<i>Non-Academic Awards</i>	Anugerah Perkhidmatan Cemerlang - <i>recipient</i>	Universiti Putra Malaysia	Universiti	2023
	Hadiah Sanjungan PERSAMA 2018 kategori Rencana Popular – Nombor Fibonacci pada alam - <i>winner</i>	PERSAMA	National	2018
	Hadiah Sanjungan PERSAMA 2017 kategori Rencana Popular – Geometri Dalam Kehidupan - <i>winner</i>	PERSAMA	National	2017
	Sijil Perkhidmatan Cemerlang	Universiti Putra Malaysia	Universiti	2018 - 2021
<i>Awards of Merit</i>				

G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (*List of publications – author (s), title, journal, volume, page and year published*)

<i>Journal</i>	<p>Mohd Faudzi Umar and Nurisyah Mohd Shah (2024). <i>Lie group and unitary irreducible representations: Quantization on positive real plane \mathbb{R}^2_+</i>, AIP Conference Proceedings 3189 (1)</p> <p>Ahmad Aqwa Rosli and Nurisyah Mohd Shah (2024). <i>Constructing quantum angular momentum L_3 in specific direction by using $U(1)$ group</i>, Malaysian Journal of Science 43 (3): 56-58</p> <p>Ahmad H., Nurisyah M.S., Sharifah K.S.H. and Hishamuddin Z. (2024). <i>Quantum States on Fibre of Vector Bundle From Blow-Up Perspectives</i>, Jurnal Fizik Malaysia 45 (1), 10079-10087</p> <p>Mohd Faudzi Umar, Nurisyah Mohd Shah, (2023). <i>Newton's Second Law on Positive Real Line \mathbb{R}^+</i>, Journal of Science and Mathematics Letters, 11: 158-162.</p> <p>Muhamad, L.H., A Karim, M.K., Chew, M.T., Kechik, M.M.A, Shah, N.M., Ibahim, M.J., Saeed, I.M. (2023). <i>Atmospheric dispersion and dose assessment of ^{137}Cs and ^{131}I from hypothetical incidents of nuclear power plant in Southeast Asia</i>, Radiation Physics and Chemistry, 208:110941.</p> <p>M. T. Selvam, M. S. Nurisyah and Sh.K. Said Husain (2023). <i>Pre-Schmidt Mode parameters in Quantum Entanglement</i>, ASM Sc. J. 18 (https://doi.org/10.32802/asmscj.2023.135)</p> <p>M.Y.Tan, M.S. Nurisyah, H. Zainuddin (2023). <i>Parameter Space of Morse Oscillator</i>, Jurnal Fizik Malaysia 44 (1), 10001-10012</p> <p>Ahmed Bouhlal, Ahmed Jellal, and Nurisyah Mohd Shah, (2023). <i>Zero-energy states in graphene quantum dot with wedge disclination</i>, Solid State Communications, 115269</p> <p>Umair Abdul Halim, Chan Kar Tim, Nurisyah Mohd Shah (2023). <i>Chaos in 2D Bohmian Trajectories of Commensurate Harmonics Oscillators</i>, Journal of Advanced Research in Applied Sciences and Engineering Technology 29, Issue 2, 195-203</p>
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	<p>Mohd Azizul Zainal, Chan Kar Tim, Hishamuddin Zainuddin, Nurisya Mohd Shah & Raymond Ooi Chong Heng (2023). First Principles Study of Toxic Gas Molecules Adsorption on Group IVA (C,Si,Ge) 2-Dimensional Materials, <i>Sains Malaysiana</i> 52(2)(2023): 625-639</p> <p>M.Y.Tan, M.S. Nurisya, H. Zainuddin (2023). <i>On Green factorization and supersymmetry</i>, <i>Physica Scripta</i>, Vol. 98:0105027. https://doi.org/10.1088/1402-4896/acacd0</p> <p>M.N.N.M. Rusli, M.S. Nurisya, H. Zainuddin, M.F. Umar and A. Jellal (2022). Gauge Invariant Degeneracies and Rotational Symmetry Eigenstates in Noncommutative Plane, <i>Journal of Holography Applications in Physics</i>, Vol 2: 11-36</p> <p>Chew, K. Y., Shah, N.M. and Chan, K. T. (2022), Algebraic representation of three qubit quantum circuit problems, <i>Malaysian Journal of Mathematical Sciences</i> 16(3): 531–554</p> <p>M.N.N.M. Rusli, Nurisya M.S., H. Zainuddin and Chan K.T. (2022). Analytical Spectrum Isomorphism of Noncommutative Harmonic Oscillator and Charged Particle in Magnetic Field <i>Jurnal Fizik Malaysia</i>, Vol. 43:10043-10054.</p> <p>M. A. A. Ahmed, H. Zainuddin, N.M. Shah and Madjid Lakhdar Hamou Ladrem (2022). Real time thermal photon-photon interactions in the mixed space, <i>International Journal of Modern Physics A</i> Vol. 37, No. 5 (2022) 2250008.</p> <p>M.A.A. Ahmed, H. Zainuddin and N.M. Shah (2022). Thermal Propagator of the Boson and Fermion Fields, <i>Jurnal Fizik Malaysia</i>, 43:10036-10042.</p> <p>M. A. A. Ahmed, H. Zainuddin, N. M. Shah (2022). Real-time thermal self-energies: In the variational bases and spaces., <i>Results in Physics</i> 39: 105691</p> <p>Nurhayati Mohd Nor, Halimah Mohamed Kamari, Amirah Abdul Latif, Nurisya Mohd Shah, Nazirul Nazrin Shahrol Nizam, Nur Nabihah Yusof, Imed Boukhris, Imen Kebaili (2021). Physical, structural and optical characterization of silica-borotellurite glasses containing vanadium and nickel ions, <i>Physica B: Condensed Matter</i></p> <p>MAB Hamid, KT Chan, CHR Ooi, H Zainuddin, NM Shah, NNS Nidzam (2021). Structural stability and electronic properties of graphene/germanene heterobilayer, <i>Results in Physics</i> 28, 104545</p> <p>M.A.A. Ahmed, H. Zainuddin, N.M. Shah and S.K. Chen (2021). Thermal longitudinal photon interaction in mixed space, <i>AIP Conference Proceedings</i> 2319, 100003.</p> <p>Nadhira Abd. Haris, Nurisya M. Shah & Chan Kar Tim (2020), Morse Potential in Noncommutative Quantum Mechanics Framework, <i>Advances in Mathematics: Scientific Journal</i> 9 (2020), no.12, 10895–10902</p> <p>NM Nor, HM Kamari, AA Latif, NM Shah, Elastic Properties of Vanadium Doped Silica- Borotellurite Glasses, <i>Solid State Phenomena</i> 307, 321-326 (2020)</p> <p>Shelawati Tiansin, Nurisya M.S., C. Kar Tim & Mazliana A.K. (2019). Effects of Step-Potential on Confinement Strength of Strain-Induced Type-I Core-shell Quantum Dots, Superlattices and Microstructures 131, 95-103</p> <p>M.A.A. Ahmed, S. Cherif, M. Ladrem, Hishamuddin Zainuddin & N.M. Shah, <i>Jurnal Fizik Malaysia</i>, (2018), 39:30079–30087.</p> <p>Mohd Faudzi Umar, Nurisya Mohd Shah & Hishamuddin Zainuddin, <i>Jurnal Fizik Malaysia</i>, (2018), 39:30022–30026.</p> <p>Hishamuddin Zainuddin, Chan Kar Tim, Nor Syazana Shamsuddin & Nurisya Mohd Shah, Quantum Bound States on Some Hyperbolic Surfaces}, <i>Journal of Physics Conference Series</i> 795(1):012002 (2017)</p> <p>Abdulbaset A.A, Halimah Mohamed Kamari, Chan K. T, Nurisya Mohd Shah, S.H. Alazoumi, Umar S.A. and Azlan Muhammad Noorazlan, Effect of Neodymium Nanoparticles On Elastic Properties Of Zinc Tellurite Glass System, <i>Advances in Materials Science and Engineering</i>, Vol. 2017, Article ID 6790635, 7 pages (2017)</p>
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	<p>I. Zaitizila, M.K. Halimah, F.D. Muhammad, M.S. Nurisya (2018). Influence of manganese doping on elastic and structural properties of silica borotellurite glass, <i>Journal of Non-Crystalline Solids</i>, Volume 492: 50-55</p> <p>Zaitizila I., Halimah M.K., Muhammad F.D., Nurisya M.S. (2017). Effect of Heat Treatment on Structural Properties of Silica Borotellurite Glasses Containing MnO, <i>Journal of Physics Conference Series</i> 1083(1):012001</p> <p>Zaitizila, I., Halimah, M.K., Muhammad, F.D., Nurisya, M.S. (2017). Optical properties of silica borotellurite glass doped with manganese oxide, <i>Solid State Phenomena</i>, 268 SSP, pp. 18-22</p> <p>S.Twareque Ali, Mourad E.H. Ismail & Nurisya M. Shah, <i>Deformed complex Hermite polynomials</i>, submitted to AMS proceeding (2014). Concordia University ppt. 2014). [arXiv: math-ph/1410.3908]</p> <p>Hishamuddin Zainuddin, Toh Sing Poh, Nurisya Mohd Shah, Mazlinda Zainy, Zuriati Zulkarnain, Jumiah Hassan, Zainul Abidin Hassan, <i>Journal of Fundamental Sciences</i> 3, 2007.</p>
<i>Books/Monographs</i>	
<i>Chapter in book</i>	<p>Nurisya M. Shah & Siti Rahimah Sarnua, <i>Interactive Quantum Harmonic Oscillator</i>, Emerging Themes in Fundamental & Applied Sciences, Chapter Theoretical & Computational Physics (eISBN-978-967-334-813-5) 2018.</p> <p>N.N.A. S. Kamal, K. T. Chan, N.M. Shah & H. Zainuddin, <i>Formulation of First Passage Time Problem on Growing Geometrical Network</i>, Emerging Themes in Fundamental & Applied Sciences, Chapter Theoretical & Computational Physics (eISBN-978-967-334-813-5) 2018.</p> <p>F. Balogh, Nurisya M. Shah & S.T. Ali, <i>On Some Families of Complex Hermite Polynomials and their Applications to Physics</i>, Operator Theory: Advances and Applications, Vol. 247, 157-171, 2015 Springer International Publishing.</p>
<i>Proceedings Book of Abstract</i>	<p>Mohd Faudzi Umar and Nurisya Mohd Shah (2024). Lie Group and Unitary Irreducible Representations: Quantization on Positive Real Plane R^2_+, AIP Conf. Proc. 3189, 030017-1–030017-6. https://doi.org/10.1063/5.0226012</p> <p>Nurisya Mohd Shah (2023). <i>Mendorong Pelajar Fizik Lebih Berkeyakinan Dan Meminati Teknik- Teknik Bermatematik Dalam Fizik</i>, Seminar Pendidikan Fizik Kebangsaan 2023, 26 September 2023.</p> <p>M. Rusli M.N. Nazmi, Nurisya Mohd Shah, Hishamuddin Zainuddin, Kar Tim Chan, Isomorphism of Analytical Spectrum between Noncommutative Harmonic Oscillator and Landau Levels Persidangan Fizik Kebangsaan (PERFIK 2021), 29-30th June 2021.</p> <p>Ahmad Hazazi, Hishamuddin Zainuddin & Nurisya Mohd Shah. Canonical group quantisation of two-level classical systems on Riemann sphere, Persidangan Fizik Kebangsaan, PERFIK 2021 29-30 June 2021.</p> <p>M.A.A. Ahmed, H. Zainuddin & N.M. Shah. Thermal propagator of the Bosons and Fermions fields, Persidangan Fizik Kebangsaan, PERFIK 2021 29-30 June 2021.</p> <p>Mohd Faudzi Umar, Nurisya Mohd Shah & Hishamuddin Zainuddin. Two-parameter quantum groups for Heisenberg and extended Heisenberg group, Persidangan Fizik Kebangsaan, PERFIK 2021 29-30 June 2021.</p> <p>M. A. A. Ahmed, H. Zainuddin, N. M. Shah and S. K. Chen Thermal longitudinal photon interaction in mixed space, AIP Conference Proceedings 2319, 100003 (2021)</p> <p>Nurisya Mohd Shah, Chan Kar Tim & Hishamuddin Zainuddin. <i>Noncommutative Landau problem and shifted energy levels</i>, International Fundamental Science Congress (2018).</p>

	<p>Nurisya M. Shah and Siti Rahimah Sarnua. <i>Interactive quantum harmonic oscillator with C++</i>, Fundamental Science Congress 2017 (FSC2017), UPM, 11-12 November, 2017</p> <p>Nurisya M. Shah. <i>A review on Morse oscillator</i>, Fundamental Science Congress 2016 (FSC2017), UPM, 9-10 August, 2016</p> <p>H. Zainuddin, Chan Kar Tim, Nor Syazana Shamsuddin & Nurisya Mohd Shah. <i>Quantum Bound States on Some Hyperbolic Surfaces</i>, International Conference on Science and Applied Science (Engineering and Educational Science), 19 November 2016 (ICSAS 2016).</p> <p>Nurisya M. Shah and H. Zainuddin. <i>A Note on Laguerre Polynomials Associated to Noncommutative Morse Oscillator Model</i>, 5th International Conference on Solid State Science & Technology 2015, ICSST2015, Langkawi, Kedah 13-15th December 2015.</p> <p>Nurisya M. Shah, H. Zainuddin and Choong Pak Shen. <i>The geometry of deformed generalized complex Hermite polynomials</i>, International Conference on Research and Educational Mathematics 2015 (ICREM7), 25-27 August 2015, Kuala Lumpur, (oral presenter, Chairperson Parallel Session)</p> <p>Nurisya Mohd Shah, Hishamuddin Zainuddin & Zainul Abidin Hassan, Maass cusp forms for singly punctured two-torus and triply punctured two-sphere. Proceeding of Seminar Sains 2007 and 9th Putra Seminar.</p> <p>Nurisya Mohd Shah, Hishamuddin Zainuddin & Zainul Abidin Hassan, (6-7 December 2006), National Physics Conference 2006 (PERFIK 2006), The Palace of the Golden Horses, Tessellation Structure of Singly Punctured Two-Torus and Triply Punctured Two-Sphere.</p> <p>Nurisya Mohd Shah & Hishamuddin Zainuddin, (6-8 December 2005), Proceeding of Conference of International Advances and Theoretical Sciences 2005 (CATS2005), International Advanced Technology Congress 2005 (ATCi 2005), Putrajaya Marriot Hotel, Putrajaya, <i>Towards Quantum Mechanical Scattering States on Triply Punctured Two Sphere</i>.</p> <p>Nurisya Mohd Shah, Hishamuddin Zainuddin & Zainul Abidin Hassan, (6-7 December 2006), National Physics Conference 2006 (PERFIK 2006), The Palace of the Golden Horses, Tessellation Structure of Singly Punctured Two-Torus and Triply Punctured Two-Sphere.</p> <p>Nurisya Mohd Shah & Hishamuddin Zainuddin, (20-21 May 2003), Conference of Advances and Theoretical Sciences 2003 (CATS2003), Advanced Technology Congress 2003 (ATC2003), Putrajaya Marriot Hotel, Putrajaya entitled Commutator Relations of Local Operators Using Embedded Coordinates of S^2 and H^2.</p>
Other publications	<p>Nurisya Mohd Shah. <i>UM dan MyQI Menerajui Usaha Membangunkan Ekosistem Penyelidikan Teknologi Kuantum di Malaysia</i>, Majalah Dewan KOSMIK, e-Jendela - Berita Aug 2024</p> <p>Nurisya Mohd Shah. News at www.majalahsains.com (Mei 3, 2024). <i>Mesyuarat Negara ASEAN dalam Bidang Sains dan Teknologi Kuantum</i>.</p> <p>Nurisya Mohd Shah dan Muhammad Khalis Abdul Karim. News at www.majalahsains.com (Januari 17, 2024). <i>Memorandum Persefahaman Industri-Akademia Memacu Industri Teknologi Pengimejan Perubatan di Jabatan Fizik UPM</i>.</p> <p>Nurisya Mohd Shah. <i>Exploring Quantum Circuit Complexity with Lie Groups and Riemannian Geometry</i>, Newsletter (e-Science Putra), Issue 13: September - Disember 2023.</p> <p>Nurisya Mohd Shah. <i>Matriks Bukan Sekadar Susunan Nombor</i>, Majalah Dewan KOSMIK, e-Jendela - popular science article Dec 2021</p> <p>Nurisya Mohd Shah. <i>Seni dan Keindahan Simetri dalam Sains</i>, Majalah Dewan KOSMIK - popular science article June Edition 2020</p>

	<p>Nurisya Mohd Shah. <i>Jalur Mobius Objek Geometri</i>, Majalah Dewan KOSMIK - popular science article, April Edition 2019</p> <p>Nurisya Mohd Shah. <i>Geometri dalam Jadual Berkala</i>, Majalah Dewan KOSMIK - popular science article, April Edition 2018</p> <p>Nurisya Mohd Shah, Ahmad Hazazi Ahamad Sumadi, Mohd Faudzi Umar, M.A.A. Ahmed, Ganesh Subramaniam & Nor Syazana Shamsuddin. <i>Topological Phase Transition Workshop Report</i>, Institute of Advanced Studies Newsletter, Nanyang Technological Institute, NTU, Singapore, Issue 21, August 2017</p> <p>Chen Soo Kien, Chan Kar Tim, Nurisya Mohd Shah, Josephine Liew Ying Chyi & Farah Diana Muhammad. <i>Department of Physics, UPM, Association Asia Pacific of Physical Society (AAPPS) Bulletin</i> Oct 2017.</p> <p>Nurisya Mohd Shah. <i>Nombor Fibonacci pada Alam</i>, Majalah Dewan KOSMIK - popular science article, May Edition 2017</p> <p>Nurisya M. Shah, Chan Kar Tim & Hishamuddin Zainuddin. <i>The Role of Hermite Polynomials in Physics</i>, - Buletin Penyelidikan INSPEM - MATHDIGEST, pg 12-16 (2017)</p> <p>Nurisya Mohd Shah. <i>Langit Berwarna Biru?</i> Majalah Dewan KOSMIK. - popular science article (published June Edition, 2016)</p> <p>Nurisya Mohd Shah. <i>Geometri dalam kehidupan</i>, Majalah Dewan KOSMIK. - popular science article (published May Edition, 2016)</p> <p>Nurisya Mohd Shah, co-author , Sains-lah: Catatan Sainstis Muda, entitle ``Ada apa dengan fizik teori'', SIMPTOMATIK PRESS, ISBN 978-967-2011-13-2 (April 2016). - short story</p> <p>Nurisya Mohd Shah. Mysterious Marbles Problem, Module prepared for National Science Challenge (NSC) 2016 organized by Academy Science Malaysia, ASM.</p> <p>Hishamuddin Zainuddin, Chan Kar Tim, Nurisya Mohd Shah, Choong Pak Shen, Ganesh Subramaniam, Ahmad Hazazi Ahmad Sumadi, Ting Woei Luen & Nor Syazana Shamsuddin, Shadow of Geometry in the Physical World, Module Program Kem Sains Matematik bersama SERATAS. (2015-2023)</p> <p>Azhar Abu Talib & Nurisya Mohd Shah. <i>Albert Einstein: Dari Kerani Menjadi Saintis Agung</i>, sisipan Majalah ESTIDOTMY, Mei 2005 sempena <i>World Year of Physics</i>.</p>
Copyright	Copyright LY2023w02344 "Biorthogonal Families of Complex Hermite Polynomials" (Literary), 2023. Nurisya Mohd Shah & Syahirah Abu Bakar.

H. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)					
Project No.	Project Title	Role	Year	Source of fund	Status
Geran Putra Inisiatif	Topics on quantum mechanics and its symmetry	Project Leader	2024	UPM	Ongoing
Geran Putra Fast Track 2023	Construction of Green factorization and supersymmetric quantum anharmonic potential with their coherent states	Project Leader	2023	UPM	Ongoing
AAORD 22IOA062 (AFOSR), USA	A Proper Study of Group Theoretic Methods in Quantum Error Correction	Project Leader	2022/2023	Private/International	Ongoing
ERCE, UK	Expository Quantum Lecture Series	Project Leader	2022	Private/International	Completed

FRGS	Random Walks on Growing Geometrical Network based on Fuchsian group	Member	2016	KPT	Completed
FRGS	Refining Energy Band Structures and Strain Effect on Shell Growth of Type-I core/shell Colloidal Quantum Dots Heterostructures	Project Leader	2019	KPT	Completed
FRGS	Geometrical Aspects of Quantum Entanglement and Uncertainty Principle	Member	2019	KPT	Completed
FRGS	Density Functional Theory Study for Structural, Electronic, Transport and Optical Properties of Heterobilayer from Two Dimensional Materials	Member	2020	KPT	Ongoing
GP-IPS//2018/9645700	Deformed Ladder Operator for Two-dimensional Morse potential	Project Leader	2018	Public/UPM	Completed
GP-IPM/9473100	Noncommutative Morse Potential in two dimensions	Project Leader	2016	Public/UPM	Completed
GP-IPS/2018/9624900	Mean First-Passage Time for Random Walks on Growing Geometrical Network	Member	2018	UPM	Completed

I. ID PENERBITAN (<i>Publishing ID</i>)		
	<i>Author ID</i>	<i>Name</i>
ORCID	Orcid.org/0000-0001-7783-1118	Nurisyah Mohd Shah
SCOPUS	35178445700	Shah, Nurisyah M., Nurisyah M.S., Shah, N.M., Nurisyah Mohd Shah
Others		

J. RANGKAIAN SOCIAL (<i>Social Networking</i>)	
Facebook	
LinkedIn	
Researchgate	https://www.researchgate.net/profile/Nurisyah_Mohd_Shah
Academia	
Google Scholar	Nurisyah Mohd Shah
Blog	www.mylambda.wordpress.com
Website url	http://www.science.upm.edu.my/content/dr_nurisyah_mohd_shah-29341
Others	https://sites.google.com/upm.edu.my/nurisyamohdshah/home