

a. Name : Assoc. Professor Ir. Ts. Dr. Parvathy Rajendran

b. Position : Associate Professor

c. Status : Full Time

d. Nationality : Malaysia

e. Current Teaching and Administration Responsibilities:

No.	Modules	Level*				
		PhD	Masters	Degree	Diploma	Certs
1.	Integrated Design Project	√	√	√		
2.	Aircraft Engineering Design I	√	√	√		
3.	Aircraft Engineering Design II	√	√	√		
4.	Aircraft Stability & Control	√	√	√		
5.	Project Management and Product Development			√		
6.	Professional Practice			√		

f. Academic Qualifications:

No.	Qualification	Field	Name of HE Inst. & Country	Date of Award
1.	PhD	Aerospace Engineering	Cranfield University, United Kingdom	7 Jun 2013
2.	MSc	Aerospace Engineering	Universiti Sains Malaysia, Malaysia	22 Mac 2008
3.	BEng (Hons)	Aerospace Engineering	Universiti Sains Malaysia, Malaysia	6 Aug 2004

g. Employment Record:

No.	Name of the Company	Position	Date (begin-end)
1.	Pusat Pengajian Kejuruteraan Aeroangkasa, Universiti Sains Malaysia (USM)	Professor Madya - Pensyarah Universiti DS54	Sept 2017 - Ongoing
2.	First City University College	Associate Professor	Oct 2020 – Aug 2023
3.	Pusat Pengajian Kejuruteraan Aeroangkasa, Universiti Sains Malaysia (USM)	Senior Lecturer - Pensyarah Universiti DS51	Dec 2013 - Sept 2017
4.	Pusat Pengajian Kejuruteraan Aeroangkasa, Universiti Sains Malaysia (USM)	Lecturer - Pensyarah Universiti DS45	Nov 2012 - Dec 2013

h. Research, Supervision and Publications

No.	Title	Year	Result	Others
<b>Research</b>				
1.	A New Systematic Evolutionary Algorithm and Modelling of 3D Path Planning	01/01/2025 – 30/06/2026	Ongoing	Main Researcher
2.	Incentive Graduate on Time – Ambareen	01/08/2024- 31/07/2025	Ongoing	Main Researcher
3.	Modelling Solar Irradiance of Brunei Darussalam and Malaysia Through Regression Analysis Using High Resolution Data and Expected Prediction of Wet Bulb Globe Temperature Trend	01/07/2024 – 30/06/2025	Ongoing	Co Researcher

4.	Development of a Hybrid VTOL UAV Controller	01/10/2023-30/09/2025	Ongoing	Main Researcher
5.	Sky Realm Industry Grant - Unmanned Traffic Management System: 4D Path Planning	01/07/2022-30/06/2024	Completed	Main Researcher
6.	The Flexible Axis Photovoltaic System Based On Web Server And Internet Of Things To Predict And Optimize Power.	12/06/2023-7/06/2024	Completed	Co Researcher
7.	Investigation of Slotted Airfoil Design for Unmanned Aerial Vehicle Operating at Low Reynold Number	01/10/2022-30/09/2023	Completed	Main Researcher
8.	Precise Localisation with Sensor Fusion Approach for Navigation in Manufacturing Environment	01/10/2022-30/09/2023	Completed	Co Researcher
9.	Incentive Graduate on Time – Kok Kai Yit	01/06/2021-31/05/2022	Completed	Main Researcher
10.	Investigation into Perpetual Solar-Powered UAV Designs for Global Operation	1/12/2019 - 28/2/2022	Completed	Main Researcher
11.	In-Depth 3-Dimensional Space Path Mechanism Study for Enhanced Navigation	1/9/2019 - 30/11/2021	Completed	Main Researcher
12.	An Active Force Control Option for The Control Moment Gyro (Cmg) Based Attitude Control System	1/9/2018 - 30/11/2021	Completed	Main Researcher
13.	Mutidisciplinay Aircraft Design Optimization, Thailand DTI Grant	1/4/2018 – 3/3/2021	Completed	Co Researcher
14.	Nasal Airflow for Patients with Chronic Nasal Diseases	1/3/2016 - 31/8/2019	Completed	Main Researcher
15.	Investigation into Solar-Powered Unmanned Aircraft Trajectory Optimization Using Systematic Mission Profile Management	1/2/2017 - 31/1/2019	Completed	Main Researcher
16.	Wood Storage - Wood Warping Control	1/11/2016 - 1/2/2018	Completed	Main Researcher
17.	Photocatalyst Technology for Treatment of Colored Batik Effluent	21/11/2016 - 21/8/2017	Completed	Co Researcher
18.	Computerized Flight Planning System and Processing	1/1/2015 - 30/5/2017	Completed	Co Researcher
19.	Lemongrass Drying System	14/10/2016 - 14/4/2017	Completed	Co Researcher
20.	Fish Bones Separator Machine	1/9/2016 - 1/3/2017	Completed	Co Researcher
21.	Simulation on Solar Energy Optimization for Solar Powered Unmanned Aerial Vehicle	15/3/2014 - 14/3/2016	Completed	Main Researcher

No.	Name	Level	Result	Others
<b>Supervision - Postgraduate</b>				
1.	Samuel Merryisha Sweety Gracia, CFD Investigation on Hybrid UAV Wing Design	PhD	Ongoing	Main Supervisor
2.	Wang Jiazheng, Integrated Design and Analysis of Hybrid Unmanned Aerial Vehicle Control	PhD	Ongoing	Main Supervisor
3.	Mohamad Norherman Shauqie Bin Mohamed Raihan, Unmanned Traffic Management System: 4D Path Planning	PhD	Ongoing	Main Supervisor
4.	Meng Wenfeng, Robust Algorithm for UAV Autonomous Control in 3D Environment	PhD	Ongoing	Main Supervisor
5.	Gill Muhammad Uzair,	PhD	Ongoing	Main

	Flight Control System Design and Implementation of a Hybrid VTOL Aircraft using Machine Learning			Supervisor
6.	Rishee A/L Kumar, CFD Investigation on Hybrid UAV Propeller Design	MSc	Ongoing	Main Supervisor
7.	Wang Shirui, Optimization and Implementation of UAV Autonomous Flight Controller	MSc	Ongoing	Main Supervisor
8.	Zhang Peilin, Design and Analysis of Aircraft Structural Durability and Damage Tolerance	MSc	Ongoing	Main Supervisor
9.	Ambareen, Passive Control of Suddenly Expanded Flow at Sonic and Supersonic Mach Numbers	PhD	2023 - Graduated	Main Supervisor
10.	Aravind Seeni Seeni, Effect of Grooves on Aerodynamic Performance of a Low Reynolds Number Propeller	PhD	2020 - Graduated	Main Supervisor
11.	Kok Kai Yit, Rangking-Gradient-Similarity Multi-Block Matching Algorithm for Stereo Vision	PhD	2020 - Graduated	Main Supervisor
12.	Mohamad Norherman Shauqie Bin Mohamed Raihan, A Metaheuristic Optimization Using Explosion Method On A Hybrid PD2-LQR Controller	MSc	2021 - Graduated	Main Supervisor
13.	Vigneshvaran Sethuraman, Investigation of Base and Wall Pressure in Suddenly Expanded Flow Through Ducts Using Ribs as Passive Flow Control	MSc	2020 - Graduated	Main Supervisor
14.	Samuel Merryisha Sweetty Gracia, Drag Reduction on NACA 2412 Using Dimpled Airfoil and Grooved Wing	MSc	2020 - Graduated	Main Supervisor
15.	Hairuniza Bt Ahmed Kutty, Investigation on Low Reynolds Number Slotted Propeller Blade Performance Using Computational Fluid Dynamics and Finite Element Analysis	MSc	2019 - Graduated	Main Supervisor
16.	Musavir Bashir, Investigation of Aerodynamic and Structural Analysis for Variable Span Morphing Wing with Folding Winglet	MSc	2018 - Graduated	Main Supervisor
17.	Muhammad Hazim Bin Masral, Modelling of Solar Irradiance For Sizing Global and Perpetual Solar-Powered Unmanned Aerial Vehicle (UAV)	MSc	2017 - Graduated	Main Supervisor
18.	Kok Kai Yit, The Development of A Robust Algorithm for UAV Path Planning in 3D Environment	MSc	2016 - Graduated	Main Supervisor

No.	Title	Year	Publication	Category
<b>Publications (Book – 7, Book Chapter – 10, Journal – 118, Conference – 50)</b>				
<b>Book</b>				
1.	S. Merryisha, P. Rajendran, Wing Engineering: Aerodynamics, Structures and Design	2023	Penerbit USM (Universiti Sains Malaysia)	Book
2.	P. Rajendran, N. M. Mazlan, A. A. A. Rahman, N. M. Suhadis, N. A. Razak and M. S. Z. Abidin, Proceedings of International Conference of Aerospace and Mechanical Engineering 2019	2020	Springer Lectures Notes of Mechanical Engineering, 978-981-15-4755-3.	Book
3.	M. Bashir and P. Rajendran, MEMS based Piezoelectric Energy Harvesting and its applications in Aerospace Discipline. A Contemporary Review	2019	Scholars Academic and Scientific Publishers, Assam, India, ISBN: 978-81-932299-7-2.	Book

4.	P. Rajendran and M. Z. Abdullah, Advances in Aerospace Science and Technology: Part II	2019	Nova Science Publishers, Inc, New York, USA, ISBN: 978-1-53615-689-8.	Book
5.	P. Rajendran, International Conference on Aerospace and Mechanical Engineering (AeroMech17)	2018	IOP Conference Series: Materials Science and Engineering, Volume 370, ISSN 1757-899X.	Book
6.	P. Rajendran and M. Z. Abdullah, Advances in Aerospace Science and Technology	2017	Nova Science Publishers, Inc, New York, USA, 2017, ISBN 978-1-53611-099-9.	Book
7.	M. Bashir and P. Rajendran, Morphing Wing Technologies	2017	Research India Publications, Delhi, India, 2017, ISBN 978-93-86138-89-7.	Book
<b>Book Chapter</b>				
1.	S. L. Wang, S. H. Adnan, H. Ibrahim, T. F. Ng and P. Rajendran, A Hybrid of Fully Informed Particle Swarm and Self-Adaptive Differential Evolution for Global, Optimization	2022	Evolutionary Computation Theories, Techniques, and Applications, ISBN 978-3-7258-2124-2	Book Chapter
2.	A. Seeni and P. Rajendran, Analysis of Pressure Coefficient Around Three Airfoils Operating at Different Reynolds Number Using CFD and XFOIL	2020	Springer Lectures Notes of Mechanical Engineering, Chapter 12, 2020, 978-981-15-4755-3	Book Chapter
3.	A. Seeni and P. Rajendran, CFD Analysis of a Novel Propeller Design Operating at Low Reynolds Number	2020	Springer Lectures Notes of Mechanical Engineering, Chapter 13, 978-981-15-4755-3.	Book Chapter
4.	K. Y. Kok and P. Rajendran, Anisotropic Median Bilateral Filtering	2020	Springer Lectures Notes of Mechanical Engineering, Chapter 14, 978-981-15-4755-3.	Book Chapter
5.	S. Merryisha and P. Rajendran, Aircraft Wing Aerodynamic Efficiency Improvement Using Longitudinal Spanwise Grooves,	2020	Springer Lectures Notes of Mechanical Engineering, Chapter 15, 978-981-15-4755-3.	Book Chapter
6.	K. Y. Kok, P. Rajendran, M. Fadly, Visual Localization and Mapping using Unmanned Aerial Vehicle	2019	Advances in Aerospace Science and Technology: Part II, Nova Science Publishers, Inc, New York, USA, 978-1-53615-689-8.	Book Chapter
7.	M. B. Salleh, N. M. Suhadis, and P. Rajendran, Geospatial Mapping Using Satellite	2019	Advances in Aerospace Science and Technology: Part II, Nova Science Publishers, Inc, New York, USA, 978-1-53615-689-8.	Book Chapter
8.	M. Bashir and P. Rajendran, Aircraft Mission Profile Analysis and Trajectory Optimisation	2017	Advances in Aerospace Science and Technology, Chapter 5, Nova Science Publishers, Inc, New York, USA, 978-1-53611-099-9.	Book Chapter
9.	K. Y. Kok and P. Rajendran, Optimization of Genetic Algorithm for Unmanned Aerial Vehicle Path Planning	2017	Genetic Algorithms: Advances in Research and Applications, Nova Science Publishers, Inc, New York USA, 978-1-53611-892-6.	Book Chapter
10.	K. Y. Kok and P. Rajendran, Aerial Path Planning for Terrain Surveying using Evolutionary Algorithms	2016	Advanced Engineering: Current Perspective, Research India Publications, India, Chapter 10, 978-93-84443-44-3, pg. 131-	Book Chapter

			156.	
<b>Journal</b>				
1.	Analysis of thrust force generation during the drilling of natural fiber based hybrid composite.	2025	Scientific Reports	Journal
2.	L. Sourirajan, M. Subramanian, B. S. Arputharaj, P. Rajendran, P. Sakthivel, V. Raja, A. Karuppasamy, C. A. Saleel, N. Hasan, Multi-Perspective Behavioural Investigations on Coolant of Battery Thermal Management Systems in Electrical Vehicles Using Computational Fluid Dynamics	2025	Energy Science & Engineering	Journal
3.	S. Baskar, R. Thaiyan Rajendran, B. Stanislaus Arputharaj, V. Raja, P. Sakthivel, K. Rajasekaran, S. S. Jayakumar, G. Vinayagam, P. Rajendran & S. Kumar Madasamy. Design, Aerodynamic and Aero-acoustics Performances Based Comprehensive Investigations on Wing with and Without the Performance Enhancers of Hybrid Multirotor UAVs.	2025	International Journal of Aeronautical and Space Sciences, 2025.	Journal
4.	D. Sathis Kumar, K. Bhavitha, A. Harani, V. Meenakshi, Parvathy Rajendran, It Ee Lee, Mohammed Al Awadh, Lu Yuheng, N.E Chandra Prasad, Green analytical comparison and central composite design optimization for simultaneous estimation of pain management drugs using RP-liquid chromatography	2025	Microchemical Journal, Volume 208, 2025, 112309.	Journal
5.	S. Baskar, J. C. Antony Raj, J. P. Veeraperumal Senthil Nathan, G. Vinayagam, L. Sourirajan, B. S. Arputharaj, S. Singh, P. Rajendran, S. K. Madasamy & V. Raja, Design and advanced computational investigations on fixed wing unmanned amphibious vehicle adopted with hybrid NIHT and PVEH patches for long endurance-based applications.	2025	J Braz. Soc. Mech. Sci. Eng. 47, 25.	Journal
6.	B. Balasundaram, P. Suresh, P. Rajendran, I.E. Lee, and C. Ahamed Saleel, Reliability Test on Vienna Rectifier for Wide Bandgap Devices in EV Charging Systems.	2025	IEEE Access, 13, pp.3072-3089.	Journal
7.	S. Yaknesh, N. Rajamurugu, K. B. Prakash, K. Raju, Ramachandra, Saleel, C. Ahamed, Lee, It Ee, Parvathy A/P Rajendran, Arputharaj, Beena Stanislaus, 2024, A critical review on the performance and microstructural characteristics of materials fabricated through friction stir additive methods and deposition techniques	2024	Journal Of Materials Research And Technology-JMR&T), 33,8002-8024.	Journal
8.	SBJ Richards, S. Thanigaiarasu, P. Rajendran, E. Rathakrishnan, An innovative vortex generator for promoting subsonic and sonic jet mixing.	2024	Proceedings Of The Institution Of Mechanical Engineers Part G-Journal Of Aerospace Engineering	Journal
9.	J. Wang and P. Rajendran, Conductivity Prediction Method of Solid Electrolyte Materials Based on Pearson Coefficient Method and Ensemble Learning.	2024	Journal of Artificial Intelligence and Technology	Journal
10.	J Wang, P Rajendran, Lightweight aircraft design: Integrating biomechanics and algorithm optimization for drone construction using paper materials	2024	Molecular & Cellular Biomechanics 21 (2), 352-352	Journal
11.	A. A. Firdaus, M. Z. Daud, P. Rajendran, M. I. Solihin, L. Wang, M. Azmita, H. Arof, Implementation of flexible axis photovoltaic system based on internet of things	2024	International Journal of Reconfigurable and Embedded Systems (IJRES), Vol. 14, No. 1, March 2025, pp. 157~164	Journal
12.	Ramanan G, Edwin Raja Dhas J, Anton Savio Lewis K, N. K. Kulandaiyappan, B. S. Arputharaj, P. Rajendran,	2024	Journal on Interactive Design and Manufacturing	Journal

	V. Raja, A Karuppasamy, Development of statistical and soft computing regression models for WEDM machining of aluminum composites.			
13.	V. Sethuraman, P. Rajendran, S.A. Khan, A. Aabid, and M. Baig, Control of Nozzle Flow Using Rectangular Ribs at Sonic and Supersonic Mach Numbers.	2024	Fluid Dynamics & Materials Processing, 20(8), 1847-1866	Journal
14.	K. K. Rajagopal, S. V. Kannappan, S. K. Madasamy, B. S. Arputharaj, P. Rajendran, A. H. Deif, V. Raja, Experimental Studies on Microstructural, Physical, and Mechanical Characterizations of Hybrid Aluminium Metal Matrix Composites Incorporated with Cenosphere and Molybdenum Disulphide.	2024	Journal of Engineering	Journal
15.	M. Subramanian, Ü. Ağbulut, S. Pachamuthu, S. Sathanandam, J. M. Solomon, B. S. Arputharaj, V. Raja, P. Rajendran, M. Asif, Computational and experimental investigations on liquid-based battery thermal management systems for electric vehicle applications under various discharge rates with different flow speeds.	2024	Journal of Energy Storage, Volume 91	Journal
16.	B. S. Arputharaj, S. S. Jayakumar, S. K. Solaiappan, V. Raja, P. Rajendran, M. Krishnamoorthy, H. P. Jeyaraj, S. K. Madasamy, R. T. Rajendran, A. M. Ahmed, Comprehensive and Validated Computational Investigations of Structural Integrity, Aerodynamic Behavior, and Its Turbulence Characteristics on Agricultural Drone with and without Payload Devices	2024	Journal of Engineering Volume 2024, Article ID 1386709, 32 pages	Journal
17.	S. S. Jayakumar, I. P. Subramaniam, B. Stanislaus Arputharaj, S. K. Solaiappan, P. Rajendran, I. E. Lee, S. K. Madasamy, R. K. Gnanasekaran, A. Karuppasamy, V. Raja, (2024) Design, control, aerodynamic performances, and structural integrity investigations of compact ducted drone with co-axial propeller for high altitude surveillance.	2024	Scientific Reports, 14(1), p.6330.	Journal
18.	G. Vinayagam, R. Thaiyan Rajendran, M.S. Mohan, B. Stanislaus Arputharaj, S. S. Jayakumar, S. Baskar, P. Rajendran, R. K. Gnanasekaran, S. K. Madasamy, V. Raja, (2024). Multi-perspective Investigations of Aerosol's Non-linear Impact on Unmanned Aerial Vehicle for Air Pollution Control Applications Under Various Aerosol Working Environments.	2024	Aerosol Science and Engineering, 1-28	Journal
19.	PN Selvaraju, Sekar K Raja, Senthil Kumar Madasamy, Beena Stanislaus Arputharaj, P. Rajendran, Vijayanandh Raja, Design, Experimental Studies, and CFD Investigations of Bio-inspired slotted rear Diffuser attachment on Car Model for Enhancing Aerodynamic Performance.	2024	International Journal of Fluid Mechanics Research, Volume 51, Issue 5, 2024.	Journal
20.	G. Vinayagam, K. P. Maniraj, R. Vijayan, S. Duraisamy, S. S. Sundar Jayakumar, A. P. Raji, B. S. Arputharaj, P. Rajendran, S. K. Madasamy, V. Raja, Design And Multi-Perspective Investigations On The Aerodynamic Performance Factors Of Conventional And Advanced UAV's Micro Gas-Turbine Engine Nozzles Through Validated CFD Approach.	2024	International Journal of Fluid Mechanics Research, Volume 51, Issue 2, 2024, pp. 15-64	Journal
21.	S. Vijayalakshmi, A. Sekar, A. Hassan, B. Arputharaj, S. Jayakumar, H. AL-bonsrulah, P. Rajendran, S. Madasamy, A. Karuppasamy, V. Raja, Multi-perspective structural integrity-based computational investigations on	2023	Reviews On Advanced Materials Science, 62(1), 20230147	Journal

	airframe of Gyrodyne-configured multi-rotor UAV through coupled CFD and FEA approaches for various lightweight sandwich composites and alloys.			
22.	P. Champasak, N. Panagant, N. Pholdee, S. Bureerat, P. Rajendran, A. R. Yildiz, Grid-based many-objective optimiser for aircraft conceptual design with multiple aircraft configurations.	2023	Engineering Applications of Artificial Intelligence, Volume 126, Part B (2023) 106951	Journal
23.	J. Thangaraj, S. K. Madasamy, P. Rajendran, S. Zulkifli, R. Rajapandi, H. A. Z. AL-bonsrulah, B. Stanislaus Arputharaj, H. P. Jeyaraj, V. Raja, Design, Multi-Perspective Computational Investigations, and Experimental Correlational Studies on Conventional and Advanced Design Profile Modified Hybrid Wells Turbines Patched with Piezoelectric Vibrational Energy Harvester Devices for Coastal Regions.	2023	Processes 2023, 11, 2625	Journal
24.	S.Thangavel, M. A. Jaffar Ali, R. K. Gnanasekaran, B. S. Arputharaj, A. Karuppasamy, H. A. Z. AL-Bonsrulah, P. Rajendran, V. Raja, D. Soundararajan, K. K. Muthuramalingam, Comprehensive Thermal Characteristic Investigations on Hemp- and Jute-Based Nature Fibre-Reinforced Composites for Engineering Applications through Coupled and Verified Engineering Approaches.	2023	Journal of Engineering, Vol. 2023, Article ID 4031238	Journal
25.	M. Bashir, P. Rajendran, A. Khan, V. Raja, S. A. Khan, Numerical investigation of turbulence models with emphasis on turbulent intensity at low Reynolds number flows.	2023	Advances in Aircraft and Spacecraft Science, Vol. 10, No. 4	Journal
26.	H. T. Ng, H. Ibrahim, P. Rajendran, A Literature Review on the Usage of mmWave Radar in UAV's Detect-and-Avoid Applications	2023	Journal of Computer Science & Computational Mathematics, Volume 13, Issue 2,	Journal
27.	V. Raja, R. Murugesan, S. K. Madasamy, B. S. Arputharaj, P. Rajendran, H. A. Z. Al-bonsrulah, D. Thakur, A. Razak, A. Buradi, and A. Ketema, Design, Computational Aerodynamic, Aerostructural, and Control Stability Investigations of VTOL-Configured Hybrid Blended Wing Body-Based Unmanned Aerial Vehicle for Intruder Inspections,	2023	International Journal of Aerospace Engineering	Journal
28.	A. Khan, P. Rajendran, J.S.S Sidhu and M. Sharifpur, Experimental Investigation of Suddenly Expanded Flow at Sonic and Supersonic Mach Numbers Using Semi-circular Ribs – A comparative study between experimental, single layer, deep neural network (SLNN and DNN) models	2023	European Physical Journal Plus, 138:314	Journal
29.	K. Y. Kok, P. Rajendran, A Constraints based Approach using Ranking-Gradient-Similarity Multi-Block Matching Algorithm,	2023	Neural Computing and Applications	Journal
30.	V. Raja, B. Shanmugam, H. A. Z. AL-bonsrulah, P. Rajendran, S. M Eldin, R. K. Gnanasekaran and V. Narayanan, Comprehensive Computational Investigations on the various Aerospace Materials under Complicated loading conditions through Conventional and Advanced Analyses: A verified examination	2023	Frontiers in Materials	Journal
31.	S. Kulanthipyan, P. Rajendran, V. Raja, Multi-Perspective Investigations Based Design Framework of an Electric Propulsion System for Small Electric	2023	Drones. 2023; 7(3):184.	Journal

	Unmanned Aerial Vehicles.			
32.	V. Raja, A. P. Raji, H. A. Z. AL-bonsrulah, M. Ramaiah, A. M. Ahmed, P. Rajendran, R. Murugesan, V. Mathaiyan, M. Al-Bahrani, Multi-Parametric Investigations on Gravitational Vortex Hydropower System (GVHPS) using Computational Hydrodynamic Analysis: A Verified computational procedure based Investigation	2023	International Journal of Low-Carbon Technologies, 18 (2023): 13-30	Journal
33.	V. Raja, H. A. AL-bonsrulah, R. K. Gnanasekaran, S. M. Eldin, P. Rajendran, B. Baskaran, and P. Sakthivel, Design and advanced computational approaches based comprehensive structural parametric investigations of rotary-wing UAV imposed with conventional and hybrid computational composite materials: a validated investigation.	2023	Frontiers in Materials, 2023, 10, 1096839	Journal
34.	A. Khan, P. Rajendran, J.S.S Sidhu, S. Thanigaiarasu, V. Raja, Q. Al-Mdallal, Convolutional neural network modeling and response surface analysis of compressible flow at sonic and supersonic Mach numbers	2023	Alexandria Engineering Journal, 65 (2023): 997-1029	Journal
35.	V. Raja, R. Murugesan, P. Rajendran, S. Palaniappan, H.A. AL-bonsrulah, D.K. Jayaram and M. Al-Bahrani, Multi-Domain Based Computational Investigations on Advanced Unmanned Amphibious System for Surveillances in International Marine Borders.	2022	Aerospace, 2022, 9(11), 652.	Journal
36.	V. Raja, S.K. Madasamy, P. Rajendran, S. Ganesan, D. Murugan, H AZ AL-bonsrulah and M. Al-Bahrani, Nature-Inspired Design and Advanced Multi-Computational Investigations on the Mission Profile of a Highly Manoeuvrable Unmanned Amphibious Vehicle for Ravage Removals in Various Oceanic Environments.	2022	Journal of Marine Science and Engineering, 2022, 10(11):1568.	Journal
37.	R. Thejaraju, G.K. Bettaiah, P. Rajendran, M. Abbas, S.A. Khan, C.A. Saleel, Numerical modelling and Experimental Validation of Novel Para Winglet Tape for Heat Transfer Enhancement	2022	Mathematics 2022, 10, 2893.	Journal
38.	V. Raja, RK Gnanasekaran, P Rajendran, A Mohd Ali, R Rasheed, HA AL-bonsrulah, M. Al-Bahrani, Asymmetrical Damage Aspects Based Investigations on the Disc Brake of Long-Range UAVs through Verified Computational Coupled Approaches.	2022	Symmetry. 2022, 14(10):2035.	Journal
39.	S.L. Wang, S.H. Adnan, H. Ibrahim, T.F. Ng, P. Rajendran, A Hybrid of Fully Informed Particle Swarm and Self-Adaptive Differential Evolution for Global Optimization.	2022	Applied Sciences, 2022, 22:11367.	Journal
40.	V. Raja, R.K. Gnanasekaran, A. Razak Kaladgi, P. Rajendran, S.A. Khan, M. Asif, Multi-Disciplinary Computational Investigations on Asymmetrical Failure Factors of Disc Brakes for Various CFRP Materials: A Validated Approach.	2022	Symmetry 2022, 14, 1616.	Journal
41.	K. Y. Kok, P. Rajendran, A local multi-block with various constraints approach for stereo vision in StereoPi.	2022	Measurement (2022) 111617.	Journal
42.	R. J. Balamurugan, H. A. Z. AL-bonsrulah, V. Raja, L. Kumar, S. D. Kannan, S. K. Madasamy, R. Rasheed, P. Rajendran and M. Al-Bahrani, Design and Multiperspectivity based Performance Investigations of H-Darrieus Vertical Axis Wind Turbine through	2022	International Journal of Low-Carbon Technologies, 2022, 17, 784–806.	Journal

	Computational Fluid Dynamics adopted with Moving Reference Frame Approaches.			
43.	Y. Wang, V. Raja, S. K. Madasamy, S. Padmanaban, H. A. Z. AL-bonsrulah, M. Ramaiah, P. Rajendran, A. P. Raji, A. Muzirafuti, and W. Fu-zhang, Multi-Parametric Investigations on Aerodynamic Force, Aero-acoustic, and Engine Energy utilizations based Development of Intercity Bus associates with Various Drag Reduction Techniques through Advanced Engineering Approaches.	2022	Sustainability, 14(10): 5948, 2022	Journal
44.	Arul, G.P., Thulasi, S., Kumar, P., Arunprasad, V., Shaik, S., Abbas, M., Rajendran, P., Khan, S.A., Saleel, C.A. Investigation of Dual-Pass Inclined Oscillating Bed Solar Dryer for Drying of Non-Parboiled Paddy Grains.	2022	Sustainability 2022, 14,5558.	Journal
45.	S. Merryisha, P. Rajendran, and S. A. Khan, CFD Simulation of NACA 2412 airfoil with new cavity shapes.	2022	Advances in Aircraft and Spacecraft Science, 2022 9(2):131-148.	Journal
46.	R. S. Monis, A. Crasta, S. A. Khan, P. Rajendran, and E. Sulaeman, Comparative Study Of Quasi Steady And Unsteady Damping Derivatives For Delta Wings In Hypersonic Flow For Half Sine Wave.	2022	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 92, Issue 1 (2022) 1-8.	Journal
47.	S. S. Kumar, K. Rajan, V. Mohanavel, M. Ravichandran, P. Rajendran, A. Rashedi, D. Sharma, S. A. Khan and A. Afzal, Combustion, performance and emission behaviours of bio-diesel fuelled diesel engine with the impact of alumina nano-particle as an additive.	2021	Sustainability, 13, 12103, 2021.	Journal
48.	D. R. Arumugham and P. Rajendran, Modelling global solar irradiance for any location on earth through regression analysis using high-resolution data.	2021	Renewable Energy, 180(2), 2021	Journal
49.	V. Raja, S. K. Solaiappan, P. Rajendran, S. K. Madasamy, S. Jung, Conceptual Design and Multi-Disciplinary Computational Investigations of Multi-Rotor Unmanned Aerial Vehicle for Environmental Application.	2021	Applied Sciences, 11(18):8364, 2021.	Journal
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	Review on Slotted Design for Propellers		Aerospace and Mechanical Engineering (AeroMech), 21 – 22 Nov 2017, Pulau Pinang, Malaysia.	
32.	N. M. Suhadis, M. B. Salleh and P. Rajendran, Magnetic attitude control torque generation of a gravity gradient stabilized satellite	2017	International Conference of Aerospace and Mechanical Engineering (AeroMech), 21 – 22 Nov 2017, Pulau Pinang, Malaysia.	Conference
33.	M. Bashir and P. Rajendran, Static Structural Analysis of a Variable Span Morphing Wing for Unmanned Aerial Vehicle	2017	International Conference of Aerospace and Mechanical Engineering (AeroMech), 21 – 22 Nov 2017, Pulau Pinang, Malaysia.	Conference
34.	W. C. Koh, N. M. Mazlan, P. Rajendran, M. A. Ismail, A Computational Study to Investigate the Effect of Altitude on Deteriorated Engine Performance	2017	International Conference of Aerospace and Mechanical Engineering (AeroMech), 21 – 22 Nov 2017, Pulau Pinang, Malaysia.	Conference
35.	W. X. Ng, N. M. Mazlan, M. A. Ismail, P. Rajendran, An Assessment on Temperature Profile of Jet- A/Biodiesel Mixture in a Simple Combustion Chamber with Plain Orifice Atomiser	2017	International Conference of Aerospace and Mechanical Engineering (AeroMech), 21 – 22 Nov 2017, Pulau Pinang, Malaysia.	Conference
36.	M. H. Y. Syed, M. A. Ismail, Q. Azam, P. Rajendran and N. M. Mazlan., Simulation Study of the Effect on Anti-Icing on the Nacelle Lip-skin Material	2017	International Conference of Aerospace and Mechanical Engineering (AeroMech), 21 – 22 Nov 2017, Pulau Pinang, Malaysia.	Conference
37.	M. B. Salleh, N. M. Suhadis, P. Rajendran, N. M. Mazlan., Control Torque Generation of a CMG- based Small Satellite with MTGAC System: A Trade-off Study	2017	International Conference of Aerospace and Mechanical Engineering (AeroMech), 21 – 22 Nov 2017, Pulau Pinang, Malaysia.	Conference
38.	P. Rajendran and H. Smith, Performance Assessment of Various Batteries and Propellers for Small Solar-Powered Unmanned Aerial Vehicle	2016	International Conference of Engineering Innovation (ICEI 2016), 6-7 Jun 2016, Bangkok, Thailand.	Conference
39.	P. Rajendran and H. Smith, Performance Analysis of Solar Module & Maximum Power Point Tracking System under Controlled Temperature Conditions	2016	International Conference of Engineering Innovation (ICEI 2016), 6-7 Jun 2016, Bangkok, Thailand.	Conference
40.	P. Rajendran, NM. Mazlan and H. Smith, Single Cell Li-Ion Polymer Battery Charge and Discharge Characterizations for Application on Solar-Powered Unmanned Aerial Vehicle	2016	International Conference of Engineering Innovation (ICEI 2016), 6-7 Jun 2016, Bangkok, Thailand.	Conference
41.	M. Bashir, P. Rajendran, C. Sharma, D. Smrutiranjana, Investigation of Smart Material Actuators & Aerodynamic Optimization of Morphing Wing	2016	International Conference on Smart Engineering Materials (ICSEM 2016), 20 - 22 Oct 2016, Bengaluru, India.	Conference
42.	M. Bashir and P. Rajendran, Unconventional Aircraft Morphing Employing Newfangled Smart Material Technology	2016	USM School of Mechanical Engineering Postgraduate Research Colloquium, 17 Aug 2016, Pulau Pinang, Malaysia.	Conference
43.	M. H. Masral, P. Rajendran, K. Mohamed and H. A.	2015	International Symposium on	Conference

	Kutty, Evaluation of Satellite and Meteorology Data to Estimate Solar Irradiance Over Five Cities in Malaysia.		Technology Management and Emerging Technologies (ISTMET), IEEE Conference, 25-27 Aug 2015, Langkawi, Kedah, Malaysia.	
44.	K. Y. Kok, P. Rajendran, R. Rainis, and WMMW Ibrahim, Investigation on Selection Schemes and Population Sizes for Genetic Algorithm in Unmanned Aerial Vehicle Path Planning	2015	International Symposium on Technology Management and Emerging Technologies (ISTMET), IEEE Conference, 25-27 August 2015, Langkawi, Kedah, Malaysia.	Conference
45.	P. Rajendran and H. Smith, Review of Solar and Battery Power System Development for Solar- Powered Electric Unmanned Aerial Vehicles	2015	2nd International Materials, Industrial, and Manufacturing Engineering Conference (MIMEC 2015), 4–6 February 2015, Bali, Indonesia.	Conference
46.	P. Rajendran and H. Smith, Future Trend Analysis on the Design and Performance of Solar- Powered Electric Unmanned Aerial Vehicles	2015	2nd International Materials, Industrial, and Manufacturing Engineering Conference (MIMEC 2015), 4–6 February 2015, Bali, Indonesia.	Conference
47.	S. A. Khan, P. Rajendran and M. Bashir, Combined Effect of Nozzle Pressure Ratio and Screech Prone Supersonic Mach Number in a Suddenly Expanded Flow	2015	International Conference on Mechanical Engineering and Advanced Material (ICME-AM 2015), 3-4 Dec 2015, Kota Kinabalu, Sabah, Malaysia.	Conference
48.	H. Smith and P. Rajendran, Review of the Elementary Aspect of Small Solar Powered Electric Unmanned Aerial Vehicles	2014	The International Conference on Material, Mechatronics, Manufacturing and Mechanical Engineering (ICMMMM 2014), 24 – 25 October 2014, Kuching, Malaysia.	Conference
49.	P. Rajendran, H. Smith, M. H Masral, Modeling and Simulation of Solar Irradiance and Daylight Duration for a High-Power-Output Solar Module System	2014	Progressive Aerospace Research, (AEROTECH V), 29-30 October 2014, Kuala Lumpur, Malaysia.	Conference
50.	P. Rajendran and H. Smith, The Development of a Small Solar Powered Electric Unmanned Aerial Vehicle Systems.	2014	4th International Conference on Mechanical and Manufacturing Engineering (ICME 2013), 17-18 December 2013, Putrajaya, Malaysia.	Conference

i. Consultancy:

No.	Title	Year	Result	Industry
1.	Consultant (PI)	01/07/2024 - 30/06/2029	5 Yrs. Contractual Appointment (Ongoing)	AirAsia Drone Sdn Bhd
2.	Consultant (PI)	01/07/2022 - 30/06/2024	2 Yrs. Contractual Appointment (Completed)	Sky Realm Sdn Bhd
3.	Consultant (PI)	01/10/2020 - 30/09/2023	3 Yrs. Contractual Appointment (Completed)	First City University College
4.	Consultant (PI)	14/06/2022 - 30/04/2023	10 Mths. Contractual Appointment (Completed)	RYM Engineering College
5.	Consultant (PI)	08/06/2022 -	Contractual Appointment	CMR Institute of

		08/06/2022	(Completed)	Technology, CMR Institute of Technology
6.	Consultant (PI)	08/01/2022 - 08/07/2022	6 Mths. Contractual Appointment (Completed)	University of South Australia
7.	Consultant (PI)	07/06/2021 - 30/09/2021	3 Mths. Contractual Appointment (Completed)	Cranfield University
8.	Consultant (PI)	26/03/2021 - 27/03/2021	1 Mth. Contractual Appointment (Completed)	Adhi College of Engineering & Technology
9.	Consultant (PI)	21/04/2021 - 06/08/2021	4 Mths. Contractual Appointment (Completed)	University of Southern Queensland
10.	Consultant (PI)	11/8/2021 - 11/10/2021	2 Mths. Contractual Appointment (Completed)	Universiti Putra Malaysia
11.	Consultant (PI)	28/09/2021 - 05/11/2021	3 Mths. Contractual Appointment (Completed)	University of Southern Queensland
12.	Consultant (PI)	17/03/2020 - 06/04/2020	1 Mth. Contractual Appointment (Completed)	National Science Center, Poland, National Science Center, Poland
13.	UAV Consultant (PI)	1/1/2017-31/12/2018	2 Yrs. Contractual Appointment (Completed)	Ir Technic Sdn. Bhd.
14.	Consultant (PI)	1/11/2016 - 1/2/2018	15 Mths. Contractual Appointment (Completed)	Dejuamon Design
15.	Engineering Consultant (PI)	1/1/2015-31/12/2016	2 Yrs. Contractual Appointment (Completed)	Ir Technic Sdn. Bhd.
16.	Consultant (co-PI)	21/11/2016 - 21/8/2017	22 Mths. Contractual Appointment (Completed)	Ayu Fashion
17.	Consultant (co-PI)	1/9/2016 - 1/3/2017	6 Mths. Contractual Appointment (Completed)	Anjung Semilang Enterprise
18.	Consultant (co-PI)	14/10/2016 - 14/4/2017	6 Mths. Contractual Appointment (Completed)	KBY Agrotek
19.	Consultant (PI)	1/11/2013-30/4/2015	18 Mths. Contractual Appointment (Completed)	GeoSense Sdn Bhd
20.	System Engineering Consultant (PI)	1/1/2009-31/12/2010	2 Yr. Contractual Appointment (Completed)	Aircraft Design Centre, Cranfield, UK

j. Community Service:

No.	Title	Year	Result	Others
1.	Program Pembelajaran Teknologi Drone Micro-Credential Berasaskan IR 4.0 Bagi Memupuk Minat STEM	2022	Completed	District
2.	Volunteer, Sangamam	2019	Completed	University
3.	Volunteer, AeroSoc Society - Freshman Day	2018	Completed	University
4.	Volunteer, Pertandingan Sains Fair	2017	Completed	University
5.	Volunteer, Kempen Kesihatan EICC	2017	Completed	State
6.	Project Member, Creative Link: Malaysia-Thailand Program 2016	2016	Completed	International
7.	Volunteer, Creative Link 2016 - Balik Pulau Pinang	2016	Completed	State
8.	Project Member, Kelab Sukan, Rekreasi dan Kebajikan (KSRK)	2015	Completed	University
9.	Volunteer, Malam Suai Kenal EICC	2015	Completed	University
10.	Project Member, Kem Sains SKSI 2015	2015	Completed	State
11.	Volunteer, Malam Amal Deepam EICC	2015	Completed	University
12.	Volunteer, Kempen Kesihatan Fundraiser	2014	Completed	State
13.	Volunteer, EICC Club Annual Meeting	2014	Completed	University
14.	Project Member, Libatsama Universiti & Masyarakat Kg Bujang	2014	Completed	State
15.	Project Member, AJK Pertandingan dan Bengkel PPST Aerofair	2014	Completed	State
16.	Volunteer, Malam Amal Deepam	2014	Completed	University
17.	Volunteer, Sambutan Ponggal	2014	Completed	University
18.	Volunteer, Hari AIDS Sedunia Peringkat Kebangsaan 2013	2013	Completed	National
19.	Volunteer, Kempen Kesihatan EICC	2013	Completed	State

k. Current Professional Membership:

No.	Name of the Association	Duration		Type	Others
		Begin	End		
1.	Remote Pilot Certificate of Competence (RcoC) Basic	2025	2030	Professional Bodies (National)	Civil Aviation Authority of Malaysia (CAAM)
2.	Board of Engineers Malaysia (BEM)	2024	Ongoing	Professional Bodies (National)	PAE Examiner
3.	Malaysian Qualifications Agency (MQA)	2024	Ongoing	Professional Bodies (National)	Certified Officer Tier 3
4.	Malaysian Qualifications Agency (MQA)	2023	Ongoing	Professional Bodies (National)	Certified Officer Tier 2
5.	Malaysian Qualifications Agency (MQA)	2022	Ongoing	Professional Bodies (National)	Certified Officer Tier 1, MQA Panel
6.	Majlis Professor Negara	2022	Ongoing	Professional Bodies (National)	
7.	Teaching Permit	2021	Ongoing	MOHE	Engineering
8.	HRDF (Human Resource Development Corporation)	2022	Ongoing	Professional Bodies (National)	TTT (Train the Trainer)
9.	Asean Professional Chartered Engineer	2021	Ongoing	Professional Bodies (International)	APEC

10.	Lembaga Teknologis Malaysia (MBOT)	2020	Ongoing	Professional Bodies (National)	Professional Technologist (Ts.)
11.	Engineering Council United Kingdom	2017	Ongoing	Professional Bodies (International)	Chartered Engineer (CEng)
12.	Board of Engineers Malaysia (BEM)	2017	Ongoing	Professional Bodies (National)	Professional Engineer (Ir.)
13.	The Institution of Engineering and Technology (IET), United Kingdom	2016	Ongoing	Professional Bodies (International)	Professional Member (MIET)
14.	Institute of Engineers Malaysia (IEM)	2015	Ongoing	Professional Society (National)	Graduate Member (Engr.)

#### 1. Awards and Recognitions

No.	Title	Year	Result	Awarding Body
1.	Visiting Professor	2024	Active - International	Lakireddy Bali Reddy College of Engg. Andhra Pradesh, India.
2.	Visiting Professor	2024	Active - International	Hong Kong University of Science and Technology HKUST (Guangzhou) (23 <sup>rd</sup> in the Word QS Ranking)
3.	Head of Panel - EAC Panel Evaluator – UPM Bachelors of Aerospace Engineering Program	2024	Completed - National	Lembaga Jurutera Malaysia (BEM) - EAC
4.	HoP EAC Panel Evaluator – UTM Mechanical (Aeronautics) Program	2023	Completed - National	Lembaga Jurutera Malaysia (BEM) - EAC
5.	Editorial Board	2023	Active - National	Progress in Aerospace and Aviation Technology (PAAT)
6.	MQA Panel	2022	Active - National	Agensi Kelayakan Malaysia (MQA)
7.	UniKL MIAT: External Program Examiner - Assessment Visit	2022	Completed - National	UniKL MIAT
8.	Train The Trainer (TTT)	2022	Active - National	HRDF (Human Resource Development Corporation)
9.	TTAC Panel Evaluator	2022	Active - National	Lembaga Teknologis Malaysia (MBOT)
10.	Technical Committee	2022	Completed - International	5 <sup>th</sup> International Conference on Multi-Disciplinary Research Studies and Education, 2022
11.	Invited Speaker	2022	Completed - International	CMR Institute of Technology, Short Term Training Programme On Drone Design, Calibration and Applications
12.	Keynote Speaker	2021	Completed - International	4 <sup>th</sup> International Conference on Advanced Materials and Modern Manufacturing (ICAMMM2021)
13.	Invited Speaker	2021	Completed - National	Selangor Aviation Show 2021
14.	ETAC Panel Evaluator	2021	Active - National	Lembaga Jurutera Malaysia (BEM) - ETAC
15.	Technical Committee	2021	Completed - International	4 <sup>th</sup> International Conference on Advanced Materials and Modern Manufacturing

				(ICAMMM2021)
16.				
17.	Invited Speaker	2021	Completed - National	IEM Talk Series
18.	Keynote Speaker	2021	Completed - International	3 <sup>rd</sup> International Conference on Advanced Materials and Modern Manufacturing (ICAMMM2020)
19.	EAC Panel Evaluator -UIA Aeronautics Program	2021	Completed - National	Lembaga Jurutera Malaysia (BEM) - EAC
20.	Teaching Permit	2021	Active - National	Teaching Permit, Kementerian Pengajian Tinggi
21.	Best Presenter Award	2020	Completed	First City University College
22.	Grant Assessor	2020	Completed - International	National Science Centre, Poland
23.	EAC Panel Evaluator -UIA Aeronautics Program	2020	Completed - National	Lembaga Jurutera Malaysia (BEM) - EAC
24.	FRGS Grant Evaluator-Universiti Nilai	2020	Completed - National	Kementerian Pengajian Tinggi (KPT)
25.	UniKL MIAT: External Program Examiner - Assessment Visit	2020	Completed - National	UniKL MIAT
26.	Journal Editor	2020	Active - International	American Journal of Aerospace Engineering
27.	Invited Speaker	2020	Completed - National	4th International Conference on Advanced Technologies in Design, Mechanical and Aeronautical Engineering (ATDMAE 2020)
28.	Keynote Speaker	2020	Completed - International	2nd International Conference on Modern Research in Aerospace Engineering (MRAE 2020)
29.	Technical Committee Members	2020	Completed - International	4th International Conference on Advanced Technologies in Design, Mechanical and Aeronautical Engineering (ATDMAE 2020),
30.	Technical Committee Members	2020	Completed - International	International Conference on Thermal Energy, Systems and Application (TESA'20)
31.	Technical Committee Members	2020	Completed - International	International Conference on Engineering and Technology (ICET-2020)
32.	Anugerah Sanggar Sanjung - Kategori Penerbitan	2019	National	Universiti Sains Malaysia, Malaysia
33.	EAC Panel Evaluator -UTM Naval Architecture Program	2019	Completed - National	Lembaga Jurutera Malaysia (BEM) - EAC
34.	IUKL: Observer for Accreditation Visit	2019	Completed - National	Lembaga Jurutera Malaysia (BEM) - EAC
35.	Editorial Board	2019	Active - International	Advisory Board in Cambridge Scholars Publishing
36.	Invited Speaker - OBE Workshop	2019	Completed - National	School of Maths, Universiti Sains Malaysia
37.	Keynote Speaker	2019	Completed - International	International Conference on Innovative Applied Energy (IAPE'19), King's Centre, Oxford, United Kingdom
38.	Technical Committee Members	2019	Completed - International	International Conference on Renewable Energy & Emerging Technologies (ICREET - 19)

39.	Technical Committee Members	2019	Completed - International	International Conference on Computational Materials Science and Thermodynamic Systems (CMST 2019)
40.	Technical Committee Members	2019	Completed - International	International Conference on Thermal Energy, Systems and Application (TESA 19)
41.	FRGS Grant Evaluator - Universiti Pertahanan National Malaysia	2018	Completed - National	Kementerian Pengajian Tinggi (KPT)
42.	Research Advisor	2018-Ongoing	Active - International	Nanyang Academic of Sciences (Singapore)
43.	Lead Guest Editor- ISI Journal	2018	Completed - International	Advances in Mechanical Engineering
44.	Award - Outstanding Woman in Engineering (Aerospace Engineering),	2017	International	Venus International Foundation, India
45.	Anugerah Perkhidmatan Cemerlang 2016	2017	National	Jabatan Perkhidmatan Awam, Malaysia
46.	Editor-in-Chief	2017-Ongoing	Active - International	International Journal of Aeronautical and Astronautical Science and Technology
47.	Lead Guest Editor - ISI Journal	2017	Completed - International	International Journal of Micro Air Vehicles
48.	Technical Committee Members	2017	Completed - International	International Conference on Sustainable Development [I CSD2017]
49.	Technical Committee Members	2017	Completed - International	International Conference on Advanced Material Research and Application (AMRA 2017)
50.	Technical Committee Members	2017	Completed - International	2nd International Conference on Applied Mechanics, Electronics and Mechatronics Engineering(AMEME2017)
51.	Technical Committee Members	2017	Completed - International	International Conference on Materials Science and Engineering Application (ICMSEA2017)
52.	Technical Committee Members	2017	Completed - International	International Workshop on Economics, Business and Management (IWEBM2017)
53.	Board of Trustees	2016	Completed - National	Flexible Education Framework for Malaysian Higher Education, Universiti Sains Malaysia
54.	Anugerah Sanggar Sanjung - Kategori Penerbitan	2016	National	Universiti Sains Malaysia, Malaysia
55.	International Advisory and Reviewer Board	2016	Completed - International	International Journal of Advanced Electrical Engineering and Technology (IJAEET)
56.	International Advisory and Reviewer Board	2016	Completed - International	International Journal of Mechanical and Aerospace Engineering
57.	Invited Speaker - Penulisan Jurnal	2016	Completed - National	Bengkel Perancangan Strategik dan Penulisan KPI, Copthorne Orchid Hotel, Penang
58.	Technical Committee Members	2016	Completed - International	International Conference on Energy Engineering and Environmental Protection 2016
59.	Technical Committee Members	2016	Completed - International	International Conference on Sustainable Development 2016
60.	Technical Committee Members	2016	Completed - International	2nd International Conference on Materials Science and Engineering
61.	Technical Committee Members	2016	Completed - International	International Conference on Engineering Innovation ICEI 2016
62.	Member of a Panel	2016	Completed - National	Flexible Education Framework for Malaysian Higher Education

63.	Technical Committee Members	2015	Completed - International	ICMAPH 2015
64.	Technical Committee Members	2015	Completed - International	International Conference on Computational Fluid Dynamics in Research and Industry
65.	Technical Committee Members	2015	Completed - International	International Workshop on Image Processing (IWIP) 2015
66.	Technical Committee Members	2013	Completed - International	4th International Conference on Mechanical and Manufacturing Engineering 2013 (ICME2013)
67.	Panel Members	2013	Completed - National	UAV Seminar
68.	Fellowship	2007	National	RLKA, Skim Latihan Akademik IPTA (SLAI), Kementerian Pengajian Tinggi Malaysia

m. Courses Attended

No.	Title	Date	CPD	Organizer
1.	Kursus Strategic Planning Persediaan Audit Pematuhan Program Akademik USM 2023	05/12/2022-06/12/2022	8	USM
2.	Outcome-Based Education Planning, Development, Implementation And Evaluation Cycle	04/11/2022-04/11/2022	6	USM
3.	Negotiation Skills For Winning Decision	03/11/2022-03/11/2022	2	USM
4.	Taklimat Dana Mosti	18/10/2022-18/10/2022	1.5	USM
5.	Seminar Semakan Borang Penawaran Kursus Versi 2.0 (BPK 2.0)	11/10/2022-11/10/2022	5	USM
6.	Certified Officer In Quality Assurance Of Higher Education Training Programme Tier 1	26/09/2022-01/10/2022	20	MQA
7.	How To Get Published In High Impact Science Journals	14/09/2022-14/09/2022	2	USM
8.	Sesi Libatsama Naib Canselor Bersama Warga Kampus	14/09/2022-14/09/2022	2	USM
9.	Webinar@CDAE (Design Your Classroom Using Understanding by Design (UbD))	28/07/2022-28/07/2022	2	USM
10.	Latihan Kod Amalan Untuk Akreditasi Program (Coppa 2.0) Dan Hasil Pembelajaran	15/07/2022-17/07/2022	16	USM
11.	Research Enhanced Workshop Series	04/07/2022-04/07/2022	2	USM
12.	Program Researcher Competency Programme (RCP) Secara Dalam Talian - Circular Economy : New Opportunities In Sustainable Nano Materials And Polymer Bio-Nanocomposite	29/06/2022-29/06/2022	1	USM
13.	Peranan Pentadbir Dalam Pelan Strategik Universiti	21/06/2022-21/06/2022	2	USM
14.	'Scholarship Of Teaching And Learning (SOTL)' Dalam Aspek Pengajaran Dan Pembelajaran	24/05/2022-24/05/2022	2	USM
15.	Coffee With CIC Session 08/2022 - Sharing Session : Requirement For Patent Filing	11/04/2022-11/04/2022	2	USM
16.	Webinar JKPP 2022: Penerbitan Tesis Kepada Buku	30/03/2022-30/03/2022	2	USM
17.	Seminar Inspirasi PPPJJ Siri 2 : Effective Supervision	29/03/2022-29/03/2022	2	USM

18.	Interaksi Maya Penyeliaan Gra & Isu Lantikan Gra	24/03/2022-24/03/2022	2	USM
19.	Webinar@CDAE (Design Thinking For Educators )	23/03/2022-23/03/2022	4	USM
20.	Webinar@CDAE (Promoting Online Cognitive Engagement Via Active Learning)	22/03/2022-22/03/2022	4	USM
21.	Perkongsian Pengalaman Audit Program Terbuka & Jarak Jauh (ODL) Dari Kaca Mata Auditor Mqa	16/03/2022-16/03/2022	1	USM
22.	Publishing Your Research Open Access	16/03/2022-16/03/2022	1	USM
23.	Pengurusan Kewangan Geran Penyelidikan Bersama Jabatan Bendahari (Kumpulan Wang Penyelidikan)	07/02/2022-07/02/2022	2	USM
24.	Majlis Syarahan Umum Pelantikan Profesor	23/12/2021-23/12/2021	2	USM
25.	Taklimat Permohonan Projek Public-Private Research Network (PPRN) 2.0 Tahun 2021	21/12/2021-21/12/2021	1	USM
26.	A 2-Day Workshop On A Systematic Approach In Complex Engineering Problems & Activities - Implementation And CQI For Engineering Programme	13/12/2021-14/12/2021	8	USM
27.	Bengkel Penulisan Geran FRGS	07/12/2021-07/12/2021	3	USM
28.	Managing Crossborder Teaching And Learning During The Pandemic: Experiences From The Field	01/11/2021-01/11/2021	2	USM
29.	Sesi Taklimat Fundamental Research Grant Scheme (FRGS) Fasa 1 Tahun 2022 (Domain Sains Tulen & Gunaan)	27/10/2021-27/10/2021	1	USM
30.	Lecturer: USM'S Style	20/10/2021-20/10/2021	1	USM
31.	Slot Perdana 1: 1 Jam Bersama Pak Din : Peranan Kaunselor Mendepani Cabaran Pandemik	14/10/2021-14/10/2021	1	USM
32.	Slot 4: Forum : Kemurungan, Masih Adakah Harapan?	14/10/2021-14/10/2021	2	USM
33.	Researcher Competency Programme (RCP) - Securing, Managing & Concluding Kurita Water And Environment Foundation (KWEF) Research Grant: Sharing Best Practices By Past Winners	29/09/2021-29/09/2021	2	USM
34.	Environmental Protection Webinar: "Gaya Hidup Hijau Demi Kelestarian Alam"	24/09/2021-24/09/2021	1	USM
35.	Taklimat Dana-Dana Yang Ditawarkan Oleh Kementerian Sains Teknologi Dan Inovasi (MOSTI)	15/09/2021-15/09/2021	1.5	USM
36.	Webinar@CDAE (Formula Berkesan Menulis Gaya 'Storytelling')	14/09/2021-14/09/2021	2	USM
37.	Siri Syarahan Kepimpinan (Leadership And Ethics In Driving Transformation)	08/09/2021-08/09/2021	2	USM
38.	Webinar@CDAE (Bilik Darjah Produktif? Laksanakannya Melalui Pedagogi Produktif.)	25/08/2021-25/08/2021	2	USM
39.	Research Competency Programme (RCP) : Peranan Pensyarah Dalam Keilmuan Bidang Kepakaran	25/08/2021-25/08/2021	2	USM
40.	Webinar@CDAE (Turning Your University Courses Into Micro-Credentials)	23/08/2021-23/08/2021	2	USM
41.	Prezi: Present, Design & Video	19/08/2021-19/08/2021	3	USM
42.	Achieving 5 Star Rating & Better KPI (Myra Section G6) Community	17/08/2021-	2	USM

	Engagement Programs/Projects	17/08/2021		
43.	Research Competency Programme (RCP) : Tips And Trick To Write Review Paper	04/08/2021-04/08/2021	2	USM
44.	Penyelidikan Pelajar Ijazah Tinggi (Mod Penyelidikan) : Tips Dan Perkongsian Pengalaman	03/08/2021-03/08/2021	3	USM
45.	Fascinate Talk - Open Minds, Spark Ideas	03/08/2021-03/08/2021	2	USM
46.	Organisasi Dan Pengurusan Keselamatan Dan Kesihatan Pekerjaan (KKP) Di PTJ	30/06/2021-30/06/2021	3	USM
47.	Webinar Series 1/2021 – International Fund: Opportunities, Strategies, & Challenges	16/06/2021-16/06/2021	3	USM
48.	Siri Webinar Libatsama Universiti Komuniti 'Implementing Research In Community Engagement Projects'	15/06/2021-15/06/2021	3	USM
49.	Values-Based Leadership And Values-Based Performance Series 2/2021	03/06/2021-04/06/2021	10	USM
50.	Research Competency Programme (RCP) : How To Write A Publishable Technical Journal? - From The Perspective Of An Author, Reviewer, And Editor	27/05/2021-27/05/2021	2	USM
51.	Webinar "Exploring Possible Topics In The 10-10 Niche Areas For Funding" Dan Sesi Taklimat Geran RUTRANS & RUTEAM	24/05/2021-24/05/2021	3	USM
52.	Tatacara Permohonan Projek 'Public-Private Research Network' (PPRN) 2.0 - Tahun 2021	20/05/2021-20/05/2021	2	USM
53.	Getting Your Paper Accepted For Publication In Measurement Science And Technology	21/04/2021-21/04/2021	1	USM
54.	Forum Santai PDPR 3.0 : Ok Ke Tak ?	02/04/2021-02/04/2021	3	USM
55.	Resarch Roadmap And Publication Workshop With Elsevier	24/03/2021-24/03/2021	2	USM
56.	Simposium Open Science@USM: "Are We Ready?"	04/03/2021-04/03/2021	3	USM
57.	Sesi Taklimat Kali Kedua Bagi Panel Penilai Skim Geran Penyelidikan Fundamental (FRGS) Fasa 1/2021	17/02/2021-17/02/2021	3	USM
58.	Taklimat Panel Penilai Geran Pembangunan Prototaip (PRGS) 2021	11/02/2021-11/02/2021	3	USM
59.	Sesi Taklimat Permohonan Skim Geran Penyelidikan Fundamental (FRGS) Fasa 1/2021	13/01/2021-13/01/2021	2	USM
60.	Sesi Perkongsian Tips Permohonan Skim Geran Penyelidikan Pembangunan Prototaip (PRGS) Tahun 2021	13/01/2021-13/01/2021	3	USM
61.	Makmal BPK Baharu dan Pemetaan MQF 2.0	17/09/2020	6	USM
62.	Bengkel & Mesyuarat CQI, PPK Aeroangkasa	11/09/2020	6	USM
63.	Book Publishing for Academics and Researchers	18/08/2020	2	USM
64.	RCP - International Collaboration: Facilitating Publishing, Citation & International Funding	24/06/2020	1	USM
65.	Taklimat PPRN 2.0 Jun 2020	19/06/2020	4	USM
66.	Webinar Series 1: IP Clinic	18/06/2020	4	USM
67.	RCP - Webinar on Publication Strategy for Academics	10/06/2020	2	USM
68.	CDAE2020: Planning and Designing A Micro-Credential Program	22/05/2020	3.5	USM
69.	Work from Home : Mencapai Kesejahteraan Meningkatkan Produktiviti	19/05/2020	2	USM
70.	CDAE2020 - Unlocking Your Microsoft Teams (MT) For Efficient Collaboration Spaces	19/05/2020	1.5	USM

71.	CDAE2020 - Developing Task-Based Video Lecture	18/05/2020	2	USM
72.	Conversion of Face-To-Face into Online Assessment	17/04/2020	1.5	USM
73.	CDAE2020: Adding Interactive Content (H5P) in ELEARN@USM	03/04/2020	1.5	USM
74.	CDAE - Introduction to Learning Management System (ELEARN@USM)	02/04/2020	1.5	USM
75.	Perjumpaan Pengurusan Tertinggi Bersama Warga USM	11/03/2020	3	USM
76.	RCP - Essential Supervisory Skill	11/03/2020	2	USM
77.	RCP - Sharing on Academic Writing and Publishing	04/03/2020	2	USM
78.	RCP - Publishing: What Editor Looks For?	03/03/2020	2	USM
79.	RCP - Publishing Your Work: Choosing the Right Journals	26/02/2020	2	USM
80.	Perjumpaan Naib Canselor Bersama Warga Kampus USM	19/12/2019	2	USM
81.	International Conference of Aerospace & Mechanical Engineering	20/11/2019-21/11/2019	6	AeroMech
82.	Seminar Pengurusan Kewangan Untuk Penyelidik	21/10/2019-22/10/2019	12	USM
83.	Program Latihan Kompetensi Teras USM 2019	10/10/2019	4	USM
84.	CDAE - Copyright for Educators	09/10/2019	6	USM
85.	RCP - When Publications Lead to Products: An Experience	04/09/2019	2	USM
86.	QA Talk: Sharing Experience	21/08/2019	3	USM
87.	CDAE - 'Impactful Coaching Skills for Educators' Workshop	20/08/2019	6	USM
88.	Pembudayaan Pengurusan Geran Penyelidikan Dan Taklimat Geran CREST	09/08/2019	2	CREST
89.	Bengkel OBE: Overview and Implementation	07/08/2019-08/08/2019	12	USM
90.	EAC Complex Problem Solving Workshop	01/08/2019	6	EAC
91.	CDAE-Promoting Hots in Teaching & Learning	31/07/2019	6	USM
92.	Bengkel OBE: Overview and Implementation	01/07/2019-02/07/2019	12	USM
93.	EAC/ETAC SLT Workshop	02/05/2019	6	EAC
94.	Kursus Asas Keselamatan Dan Kesihatan Pekerjaan (KKP) Untuk Staf Pejabat	24/04/2019	6.5	USM
95.	Photovoltaic Mini Colloquium 2019	11/04/2019	3	IEM
96.	Loreal - UNESCO FWIS Roadshow 2019	11/04/2019	3	Loreal
97.	Pembentangan IP dan Inovasi Bersama Prof. Hanafi Ismail	10/04/2019	3	USM
98.	CDAE - Taklimat & Bengkel Pembangunan Portfolio Pengajaran	02/04/2019	4	USM
99.	EAC New Panel Evaluators Workshop	13/03/2019-15/08/2019	15	EAC
100	Perutusan Naib Canselor USM 2019 - "Membawa USM Ke Persada Dunia & Dunia Ke USM"	01/03/2019	2	USM
101	EAC OBE Workshop	26/02/2019	6	EAC
102	Sharing Session with A Book Writer & Publish Book Through USM Publisher	20/02/2019	2	USM
103	Bengkel Penulisan Geran FRGS	08/02/2019	6	USM
104	Bengkel Penulisan Geran PRGS	07/02/2019	6	USM
105	11th International Conference on Knowledge and Smart Technology (KST)	23/01/2019-26/01/2019	18	KST

106	Penerangan Geran "Knowledge Transfer Programme (KPT)" Skim Pembelajaran Sepanjang Hayat Pelan "Rolling" Keempat (2019)	16/01/2019	2	USM
107	Taklimat Proses Penilaian Prestasi Bagi Tahun 2018 Untuk Pegawai Penilai Pertama, Pegawai Penilai Kedua Dan Pegawai Pentadbiran Di Pusat Tanggungjawab	13/11/2018	2	USM
108	Syarah Umum Pelantikan Profesor PPKej Bahan & Sumber Mineral	17/10/2018	3	USM
109	Kemahiran Pembangunan Standard Operating Procedure (SOP) Dan Deskripsi Tugas (JD)	03/10/2018	6	USM
110	Speaking STEM to Everyone: A Science Communication Workshop	02/10/2018	6	USM
111	Pengurusan Geran Penyelidikan	28/09/2018	3	USM
112	Bengkel 'The Art of Writing Publishable High-Impact Research Manuscript'	26/09/2018	3	USM
113	CDAE - Writing A Winning Research Grant Proposal	07/09/2018	6	USM
114	CDAE - Creating and Publishing E-Book	06/09/2018	6	USM
115	Taklimat MOU MOA	04/09/2018	3	USM
116	Seminar Kepimpinan Strategik 2	29/08/2018	6	USM
117	Seminar Kepimpinan Strategik 1	28/08/2018	6	USM
118	Perutusan Naib Canselor USM 2018: Making USM A Preferred University by Design	23/02/2018	3	USM
119	Bengkel Penulisan Geran Kementerian Pengajian Tinggi (Kluster : Sains & Kejuruteraan)	14/02/2018	3	USM
120	Blue Ocean Strategy Workshop (2018-20121), School of Aerospace Engineering	02/02/2018-04/02/2018	16	USM
121	Wacana Kepimpinan Terampil Siri 3 - Budaya Penyelidikan Universiti	30/01/2018	4	USM
122	Bengkel Pemurniaan BPK, PPK Aeroangkasa	24/01/2018	6	USM
123	International Conference of Aerospace & Mechanical Engineering (AeroMech) 2017	21/11/2017-22/11/2017	11	AeroMech
124	Pengurusan Stress	15/11/2017	3	USM
125	Aerofair 2017 - Part 2	14/11/2017	4	USM
126	Taklimat HCMS V3.0 Dan LPP Staf Akademik	24/10/2017	2	USM
127	Bengkel OBE - Persediaan Lawatan EAC	11/10/2017	3	USM
128	Fluid/Structure Interaction (FSI) Short Course 2017	25/09/2017-27/09/2017	18	USM
129	Aerofair 2017 - Part 1	10/07/2017	6	USM
130	The Expectation and Explicit Requirements of The New EAC Manual 2017	26/05/2017	4	EAC
131	Bengkel Proposal Science@Chuping	18/04/2017	6	USM
132	Taklimat Buku Panduan Perniagaan	13/03/2017	2	USM
133	Annual Women's Meet - AWM 2017	04/03/2017	5	AWM
134	Perutusan Tahunan Naib Canselor 2017	15/02/2017	2	USM
135	Bengkel OBE PPK Aeroangkasa	06/02/2017	6	USM
136	Sesi Pendengaran Awam (Townhall) 'Unlocking' Pelan Pembangunan Pendidikan Malaysia 2015 – 2025 (Pendidikan Tinggi)	15/12/2016	3	USM
137	Bengkel Kerohanian & Perancangan PPK Aero 2017	09/12/2016	6	USM
138	Bengkel Perancangan Strategik Dan Penulisan KPI	01/12/2016-03/12/2016	12	USM
139	Taklimat Public-Private Research Network (PPRN)	10/11/2016	2	USM

140	Short Course on Close Range Photogrammetry	19/10/2016-20/10/2016	12	UTM
141	INATEX 2016	04/10/2016-06/10/2016	18	UTM
142	Program Penggalakan Sains & Teknologi (PPST) 2016 Negeri Pulau Pinang	24/09/2016	6	USM
143	Pembangunan Laman Web Menggunakan Joomla 3.5	23/08/2016-24/08/2016	12	USM
144	Flexible Education Colloquium 2016 (FEC 2016)	16/08/2016-17/08/2016	9	USM
145	Makmal Kanser Payudara Dan Servik	28/07/2016	3	USM
146	Short Course on UAV Lidar Mapping	25/07/2016-27/07/2016	18	UITM
147	Taklimat Geran Transformasi Luar Bandar (RTP)	19/07/2016	1	USM
148	Taklimat TNC BJIM Bersama Staf Akademik Kampus Kejuruteraan	17/06/2016	2	USM
149	Bengkel PLM V6 Academia Hands-On Workshop	15/06/2016	3	USM
150	International Conference on Engineering Innovation 2016	06/06/2016-07/06/2016	12	ICEI
151	Bengkel Android Application Development for Beginners	02/06/2016	6	USM
152	Seminar Dan Pameran Drone Kebangsaan 2016	25/05/2016	8	JUPEM
153	Bengkel Penetapan Kadar Kos Perkhidmatan Analisi Dan Pengujian (Kluster Kejuruteraan)	20/05/2016	6	USM
154	BBI University Track: Quality Management	20/04/2016	6	PSDC
155	BBI University Track: Lean Manufacturing	13/04/2016	6	PSDC
156	Managing Your Boss	07/04/2016	6	USM
157	BBI University Track: The Borderless Global Leader (Borderless Leadership)	06/04/2016	3	PSDC
158	BBI University Track: Cost Control from A CFO Perspective (Finance Matters)	06/04/2016	3	PSDC
159	BBI University Track: Engineering Economics and Production Cost	30/03/2016	6	PSDC
160	BBI University Track: New Product Development	23/03/2016	6	PSDC
161	Outreach Programme On Strategic Trade Act (STA)	22/03/2016	3	USM
162	BBI University Track: The Power of Supply Chain	16/03/2016	6	PSDC
163	Taklimat Permohonan Skim Geran Penyelidikan Fundamental (FRGS) 1/2016	08/03/2016	3	USM
164	BBI University Track: Material Properties and Their Significance in IC Product Manufacturing and Reliability	24/02/2016	6	PSDC
165	Technical Talk On "Understanding Space"	27/01/2016	4	USM
166	Perutusan Naib Canselor 2016 (Kampus Kejuruteraan)	15/01/2016	2	USM
167	Makmal Pengurusan Risiko Bencana –Pembangunan Lestari Untuk Jerebu 2016	13/01/2016	6	USM
168	Kursus Pembuatan Menggunakan Komposit/Fiberglass	28/12/2015-29/12/2015	9	USM
169	Bengkel "Prior Art Search"	25/11/2015-26/11/2015	12	USM
170	PLM V6 Academia Hands-On Workshop: Innovation in Teaching and Learning Experience	29/10/2015	2	USM
171	Taklimat Keselamatan Di Pusat Pengajian Kejuruteraan Aeroangkasa	28/10/2015	2	USM

172	Phoenix AL3 System	19/10/2015-20/10/2015	13	UTM
173	How to Use USM Standard Thesis Writing Template and Use of Endnote for Referencing	09/10/2015	1	USM
174	Bengkel Penulisan	22/08/2015-24/08/2015	15	USM
175	Kem Sains Aeroangkasa	15/08/2015	6	USM
176	Taklimat Perundangan (Meniru/Menipu), Skop Tugas Dan Tatacara Pengawasan	01/06/2015	2	USM
177	Workshop for FRGS Application	06/05/2015	1	USM
178	Taklimat Pengenalan Geran Tajaan Agensi Luar & Geran Science fund, Kementerian Sains, Teknologi & Inovasi (MOSTI)	02/03/2015	3	USM
179	CDAE - Roadshow: Taklimat Peningkatan Kualiti P&P	13/02/2015	3	USM
180	2nd International Materials, Industrial, And Manufacturing Engineering Conference (MIMEC 2015)	04/02/2015-06/02/2015	13	MIMEC
181	Perutusan Naib Canselor (Kampus Kejuruteraan)	23/01/2015	2	USM
182	Bengkel Kecemerlangan PPK Mekanik/Aeroangkasa - Road to Excellence	17/12/2014	6	USM
183	Makmal Integrasi Kelestarian Dalam Kurikulum USM	11/12/2014	6	USM
184	Road to Excellence Sesi 10	03/12/2014	1	USM
185	Syarah Umum Prof. Dato' Dr. Ibrahim Bajunid	25/11/2014	2	USM
186	Road to Excellence Sesi 6	29/10/2014	1	USM
187	Road to Excellence Sesi 5	08/10/2014	1	USM
188	PPST Aerofair 2014	27/09/2014	3	USM
189	Road to Excellence Siri 3	24/09/2014	1	USM
190	1-Day Course on Introduction to Lidar Survey Technology	06/08/2014	6	UITM
191	Makmal Pembudayaan Penyelidikan	19/05/2014-20/05/2014	12	USM
192	Wileyplus	14/05/2014	1	USM
193	Research Talk by Prof. Zainal Alimuddin & Dr. Muhammad Iftishah	23/04/2014	1	USM
194	Program Active Learning Practice	10/04/2014	3	USM
195	Kursus Asas Pertolongan Cemas (Kakitangan Akademik)	09/04/2014	6.5	USM
196	Safety & Health at Work	03/04/2014-04/04/2014	12	USM
197	Research Talk by Prof. Zaidi Mohd. Ripin	05/03/2014	1	USM
198	IET - Route to Professional Registration	07/02/2014	1	IET
199	Additive Manufacturing Workshop Seminar	23/01/2014	6	USM
200	Bengkel OBE II	20/11/2013	4	USM
201	Effective Project Management	22/10/2013-23/10/2013	12	BEM
202	Satellite Failures, Anomalies and Space Environment	01/10/2013	2	USM
203	2 Days Workshop on Developing an Effective Outcomes-Based Assessment Plan to Enhance Student Learning	30/09/2013-01/10/2013	12	USM
204	Taklimat Sistem Saraan Transformatif & Isu Semasa	20/09/2013	3	USM
205	Is USM A World-Class University? –Ranking & Benchmarking	11/09/2013	2	USM
206	Program Siswa Lestari Sidang Akademik 2013 2014	03/09/2013	2	USM
207	OBE Workshop	29/08/2013	6	USM

208	Perjumpaan Bulanan Bersama Naib Canselor	28/08/2013	2	USM
209	CIP500 Cradle Pitch Fund	01/08/2013	1	MOSTI
210	IMechE Ipoh And Penang Roadshows	27/07/2013	3	IMechE
211	Taklimat Permohonan Geran Penyelidikan R&D CREST FASA 2/2013	25/06/2013	3	CREST
212	1 Day Workshop On: Route to Become Professional Engineer	24/06/2013	6	USM
213	Engineering Management Practice	27/05/2013- 28/05/2013	12	BEM
214	Code of Ethics/Regulations	22/05/2013- 23/05/2013	12	BEM
215	UAV Seminar	18/04/2013	4	AGI
216	Bengkel MBA "Mulakan Business Anda"	23/03/2013- 24/03/2013	12	USM
217	Taklimat Akreditasi EAC/BEM 2013	13/03/2013	2	EAC
218	Syarahannya Umum Pelantikan Profesor- Profesor Ir. Dr. Hj. Md Azlin Md Said	06/03/2013	2	USM
219	Perutusan Naib Canselor (Kampus Kejuruteraan)	11/01/2013	2	USM