

CURRICULUM VITAE



PROFESSOR Ir. Dr. SHA'RI MOHD YUSOF

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ACADEMIC QUALIFICATION

Year 2000	Doctor of Philosophy (Manufacturing Engineering), University of Birmingham, United Kingdom
Year 1993	Master of Science (Engineering), Integrated Quality Systems, University of Birmingham, United Kingdom.
Year 1983	B.Sc. (Cum Laude) Industrial Engineering, University of Miami, Florida, United States of America Certificate in Education, University of Miami, Florida, USA

ACADEMIC POSITION

Professor (Non-Tenured – 1st April 2020 – now)
Graduate School of Business Administration
Meiji University, Tokyo Japan



Professor VK07 UTM (Program Amal Bakti (29.10-2019 – 4.11.2020))

Professor (Quality Engineering and Management) (8.1.2008-13.8.2019)
Razak School of Engineering and Advanced Technology
Universiti Teknologi Malaysia.



Associate Professor (1.6.2000 – 7.1.2008)
Dept. of Manufacturing & Industrial Engineering
Faculty of Mechanical Engineering,
Universiti Teknologi Malaysia.

Lecturer (1.1.90-3.5.2000)
Dept. of Production and Industrial Engineering, Faculty of Mechanical Engineering, Universiti Teknologi Malaysia

PROFESIONAL EXPERIENCE

Date	Position
1/7/2018 – 13/8/2019	Dean, Razak Faculty Technology and Informatics, UTM Kuala Lumpur – Leading the integration of Advanced Informatics, Razak School, and Perdana School into this new faculty
1/3/2016 – 13/8/2019	UTM Senate Member
1/3/2016 – 30/6/2018	Dean, Razak School of Engineering and Advanced Technology, UTM KL – Transformed the School through new university's business model and financial sustainability with strengthening of research and new academic programmes in Sudan.
15/5/2012 – 14/5/14	Deputy Dean, School of Graduate Studies, UTM Kuala Lumpur – Spearhead PhD Industry for Malaysian universities and strengthening PhD research and postgraduates' courses in KL Campus.
1/6/10 – 14/5/2012	Director (Industry Unit), UTM Razak School of Engrg and Adv Technology – Lead in the transformation of BATC into Razak School business unit focus on income generation and quality culture.
1/11/2009 – 31/5/10	Deputy Executive Director BATC, UTM KL – Transforming of BATC Executive Programs and Adoption of quality assurance and new structures for industry-based programmes, new collaboration with Meiji Double Master Programme
1/3/2009 – 31/5/10	Committee Member Postgraduate Studies (JAPSU) UTM
27/8/05 – 26/8/06	Head of Industrial Engineering Panel, Faculty of Mechanical Engineering – Developed the Master of Industrial Engineering until its implementation full time and part time.
1/1/01– 31/12/02	Head of Manufacturing and Industrial Engineering Department, Faculty of Mechanical Engineering – Strengthening academic programs in the department
1/1994 to 4/1996	Head of Industrial Engineering Panel, Dept. of Prod.& Industrial Engineering, Faculty of Mechanical Engineering
9/1990 to 1/1992	Head of Metrology Lab, Dept. of Production & Industrial Engineering, Faculty of Mechanical Engineering
1/1/1990	Assistant Lecturer "A", Fakulti Kejuruteraan Jentera UTM

7/1989 – 12/1989	Deputy Manager, Purchased Parts Inspection Section (Trim/Plastic & Rubber Parts) QC Dept., PROTON.
12/1987 – 6/ 1989	Assistant Manager, Purchased Parts Inspection Section (Rubber Group), Quality Control Dept., PROTON.
10/1984 – 11/ 1987	Assistant Manager, Body Assembling Section, Production Department, Perusahaan Otomobil Nasional (PROTON) Shah Alam.
9/1983 – 9/1984	Automobile Body Assembling and Engineering Training at Mitsubishi Motors Corporation, Mizushima, Japan

INTERNATIONAL LEVEL MEMBERSHIP

1. Senior Member American Society Quality (ASQ) USA
2. Member Quality Engineering Society (QES) Japan
3. **Board Member** Asia Pacific Industrial Engineering and Management Systems Society (APIEMS) Since 2010 until now
4. ASIA PROFESIONAL EDUCATION NETWORK (APEN) Japan-ASEAN Integration Fund Committee – **DIRECTOR** (March 2016- July 2017)

AWARDS AND RECOGNITION

1. Bronze Medal Malaysia Technology Expo 2011, 17-19 Februari 2011, Kuala Lumpur, "Lean Six Sigma Performance Improvement (LSSPI) Model for Automotive Industry, Organiser: Malaysian Association of Research Scientists (MARS): Nurul Fadly Habidin, Sha'ri Mohd Yusof, Zarak Shaifuddin Zamrah
2. Silver Medal, 22nd ITEX 2011, 20-22 May 2011, Kuala Lumpur for Invention of "Green Lean Six Sigma Scorecard System for Automotive Industry, Organized by MOSTI and MINDS. Inventors: Nurul Fadly Habidin, Sha'ri Mohd Yusof, Zarak Shaifuddin Zamrah
3. Bronze Medal, Pecipta 2011 KL Convention Centre, Malaysia, KPT and UiTM, "Development of Strategic Green Lean Six Sigma Performance Measurement Systems for Automotive Industry. Inventors: Nurul Fadly Habidin, Sha'ri Mohd Yusof, Zarak Shaifuddin Zamrah
4. Silver Medal, Malaysia Technology Exhibition 2012, 16-18 February 2012, Kuala Lumpur, "Integrated Green LSS Blitz: Business Engineering Tool and Application. Organised by MARS. Inventors: Nurul Fadly Habidin, Sha'ri Mohd Yusof, Zarak Shaifuddin Zamrah
5. Gold Award, 2nd Accounting Research & Education Conference Accounting Innovation Exhibition, 2012 UTM Shah Alam, "Eco-green Lean Six Sigma Scorecard Tool for Automotive Industry", Organised by Malaysian Accounting Association and UiTM: Nurul Fadly Habidin, Sha'ri Mohd Yusof, Zarak Shaifuddin Zamrah, Nurdiana Ibrahim
6. Bronze Award, INATEX 2012, 3-5 October 2012, "Sustainable Manufacturing Performance Evaluation Tool for Manufacturing Companies", Sha'ri Mohd Yusof and Elita Amrina

7. Anugerah Perkhidmatan Cemerlang Tahun 2013 Sekolah Pengajian Siswazah
8. Guest Professor at Meiji University (April 1st, 2015 - May 31 2015)- Part of Sabbatical Research with Prof Katsuki Aoki
9. Anugerah Khidmat Cemerlang Universiti Teknologi Malaysia 2016
10. Anugerah Jasa Bakti Universiti Teknologi Malaysia 2019
11. Taguchi Award for Activity in the ASEAN region- Contribution to research in Robust Quality Engineering to Taguchi Center UTM by Shin Taguchi Chairman ICRQE 2021 Tokyo Japan (10-24 Sept 2021)

MEMBERSHIP

1. Member Institute of Engineers, Malaysia (MIEM) Since 1996
2. Registered Professional Engineer, Board of Engineers Malaysia (P.Eng.) Since 2000
3. Member Academy of Professors Malaysia Since 2019

COMMITTEE NATIONAL LEVEL

1. **Chairman**, Technical Committee, Standards Development Brake Lining and Suspension systems, **SIRIM** Bhd. (2001-2019)
2. Technical Committee (Audit) **Quality Management Excellence Award** 2011, Malaysia Productivity Corporation (MPC)
3. **MQA Panel Auditor** for Industrial Engineering and Quality Engineering Programmes since 2001 (Re-appointment on 19 March 2018 – 3 years)
4. Auditor Panel, **Johor Industry Quality Award** (AKINJ) 2002, 2003, 2004
5. Evaluation Panel Industrial Engineering, National Accreditation Board (LAN)
6. Manufacturing Sector Consultative Committee Panel Member – May 2013 – May 2018. Malaysia Productivity Corporation
7. Juruaudit Projek Penyelidikan Kajian dan Pembangunan Sistem Penarafan Bersepadu di Universiti dan Kolej Universiti (SETARA 2017), Kementerian PengajianTinggi
8. Ahli Majlis Dekan Kejuruteraan Universiti Awam 2016-2019
9. Member Quality Committee Board of Engineers Malaysia 2021-2022

ASSESSOR PANEL MQA PROGRAMS

Date	Role of Assessor	Program
Feb 2010	Member	Diploma in Industrial Engineering (MQA/A4030) Inti University College, Nilai, NS
Oktober 2010	Member	Industrial Doctorate (MQA/PA0375) Asia-e University, Kuala Lumpur
May 2011	Chairman	Ijazah Sarjana Muda Sains (Kepujian) Teknologi Industri (MQA/PA0940) UNISEL Kampus Bestari Jaya
Ogos	Member	Diploma Teknologi Kejuruteraan Jaminan Kualiti

2012		(MQA/PA2728) Pusat Latihan Teknologi Tinggi (ADTEC) Taiping
Ogos 2016	Chairman	Bachelor of Mech Engineering Technology (Quality) with Honours (MQA/PA8864) DRB HICOM UNIV
Ogos 2016	Chairman	Diploma of Engineering Technology in Quality (MQA/PA8855) DRB HICOM UNIV
March 2018	Chairman Panel Penilai	Master of Science in Industry 4.0 (MQA/PA11209) Malaysia University of Science and Technology (MUST)

MEIJI UNIVERSITY Programme _ MBA And DDP UTM MEBM	Cr	Academic Year	Subject Type
SPRING 2020 Global Business A Academic Presentation A Production Management A Global Business IA	2 2 2 2	April 2020 – July 2020	Coursework Coursework Coursework Research Class for Thesis
FALL 2020 Global Business B Production Management B Global Business IB	2 2 2	Sept 2020 – Jan 2021	Coursework Coursework Research Class for Thesis
SPRING 2021 Production Management A Global Business IA Global Business IIA	2 2 2	April 2021 - July 2021	Course Research Class Research Class
FALL 2021 Global Business B Production Management B Global Business IB Global Business IIB	2 2 2 2	Sept 2020 – Jan 2022	Course Course Research Class Research Class
SPRING 2022 Production Management A Global Business IA Global Business IIA	2 2 2	April - July 2022	Course Research Class Research Class
FALL 2022 Global Business B Production Management B Global Business IB Global Business IIB	2 2 2 2	Sept 2022 – Jan 2023	Course Course Research Class Research Class
SPRING 2023 Production Management A Academic Presentation A Global Business IA Global Business IIA	2 2 2 2	April - July 2023	Course Course Research Class Research Class
FALL 2023 Global Business B Production Management B Global Business IB Global Business IIB	2 2 2 2	Sept 2023 – Jan 2024	Course Course Research Class Research Class
SPRING 2024			

Global Business A	2	April 2024 – July 2024	Course
Production Management A	2		Course
Global Business IA	2		Research Class
Global Business IIA	2		Research Class
FALL 2024		Sept 2024 – Jan 2025	
Global Business B	2		Course
Production Management B	2		Course
Global Business IB	2		Research Class
Global Business IIB	2		Research Class
SPRING 2025		April 2025 – July 2025	
Global Business A	2		Course
Production Management A	2		Course
Academic Presentation A	2		Course
Global Business IIA	2		Research Class
FALL 2025		Sept 2025 – Jan 2026	
Global Business B	2		Course
Production Management B	2		Course
Academic Presentation B	2		Course
Global Business IIB	2		Research Class

Master Project Supervision – MBA Meiji (Double Degree Program)

No.	Name	Period	Status
1.	Zaini Ibrahim	April 2020 – Jan 2022	Completed Jan 2022
2.	Mazalan Ismail	April 2021 – Jan 2023	Completed Jan 2023
3.	Ahmad Fazilah	April 2021 – Jan 2024	Completed Jan 2024
4.	Siti Sayidatul Durrah Binti Khazalle	April 2022 – Jan 2024	Completed Jan 2024
5.	Premalatha R Murugaiya,	April 2023 – Jan 2025	Completed Jan 2025
6.	Mohd Farrel Jamaludin	April 2024 – Jan 2026	In-progress – Jan 2026

RESEARCH AND PUBLICATIONS

RESEARCH GRANTS

No	Project Title	Source	Role/Members	Year
1.	Quality Control Implementation: A Comparative study amongst the electronics industry in Johor	UPP Short Term Vot 61272 RM5000	Member	1991-1992
2.	Application and Implementation of Industrial Engineering Methods in local manufacturing industry	UPP Short Term Vot 61595 RM 10000	Head of IE Research Group	1994 -1995
3.	Development of a Framework for TQM Implementation in Small Businesses, University of Birmingham, School of Manufacturing and Mechanical Engineering.	JPA/UTM Scholarship	Doctoral research	1996 -1999
4.	TQM Advancement and Critical Factors for Implementation in Manufacturing SMEs	UPP Short Term Vot 71663 RM 15,700	Head of project	2000/2002
5.	Development of Integrated Quality Engineering Approach for Malaysian Automotive SMEs.	IRPA RM8 Funding VOT 70468 Total Grant RM186,000	Head of project	2002 – 2004
6.	Advanced Quality Improvement Techniques for Small and Medium Sized industries. Head of Project	IRPA Funding Vot 74067 Total Grant 139,600	Head of project	2002 – 2004
7.	Benchmarking of Quality Engineering Practices Between Malaysian and Thailand Automotive Manufacturing Related Companies –	E-science Grant – Vot 79120 RM 106,000	Head Of Project	2007 – 2009
8.	The Relationship Between Statistical Process Control Practices and Improvement in Quality Performance	MOHE FRGS Vot 78049 RM40,000	Head of Project with Jafri Mohd Rohani	2007 – 2009
9.	An Integrated Manufacturing Performance Audit Tool for Malaysian Automotive Based Companies	MOHE FRGS Vot 78101 RM42,000	Assistant Head of Project	2007 – 2009
10.	A Web Based Manufacturing Performance Evaluation Tool for Malaysian Automotive Industry	Tier 2 Research University Grant RM47000	Head of Project	1April 2011-31 March 2012
11.	Sustaining the Implementation of Toyota Production system in Malaysian Automotive Industry	Razak School Grant Vot 4B18-K13000073084B18 RM43,500	Head of Project	1 Mac 2011-31Ogos 2012
12.	Determining the Theoretical Model for Lean Adoption	MOHE FRGS Grant Vot K.30000.7840.4F678 RM 72,000	Head of Project	1/12/2014-30/11/16
13.	Investigation Of Best Parameters To Obtain Optimal Performance Of Fully Functioned Crossflow Micro-Turbine To Be Used By Orang Asli In Remote Area	Tier 2 Research University Grant RM20,000	Member	1/10/2016-31/12/2017
14.	Development Of Holistic Framework For Evaluation And Selection Of Remanufacturing Operations	Tier 1 Research University Grant RM50,000	Member	1/7/2016-30/6/2018
15.	Enhancement Of Mahalanobis Taguchi System Based On Swarm Intelligence For Multivariate Pattern Recognition	Tier 1 Research University Grant RM40,000	Member	1/10/2016-30/9/2018
16.	Improvement Of Changeover Times Through Integrating Of Smed Method With Qfd Techniques For Semiconductor Industry	Tier 1 Research University Grant RM40,000	Member	1/10/2016-30/9/2018
17.	Theoretical Model Of Core Acquisitions For Durable Products Return	Tier 1 Research University Grant RM82,000	Member	1/8/2016-31/7/2018
18.	Mercerisation Treatment Enhancement of Kenaf Fiber/Polypropylene Composites using Box-Behnken Design	MOHE FRGS R.K130000.7840.4F880 RM 88,000	Member	1/8/2016-31/7/2018
19.	Success Factors and Practices of Innovation in Japanese SMEs: How Malaysian SMEs can learn from these practices for enhancing competitiveness	Toshiba Foundation Resarch Grant – RM 47,196	Member	1/4/24 – 31/3/25

PUBLICATIONS

WEB OF SCIENCE INDEXED

1. Abu, R (Abu, Rasidah) ; Halim, NHA (Halim, Nurul Hayati Abdul) ; Ismail, A (Ismail, Azianti) ; Abu, F (Abu, Falah) ; Yusof, SM (Yusof, Sha'ri Mohd.) ; Salleh, NAM (Salleh, Noor Azlina Mohd.), (2024), Continual Improvement (CI) Lean Culture Continuous Quality and Cost Saving in Malaysia Manufacturing & Engineering (M&E) Companies JURNAL KEJURUTERAAN, Volume 36 Issue 4 Page1623-1641, DOI10.17576/jkukm-2024-36(4)-27
2. Mat Dahan, S., & Yusof, S. M. (2020). Review and proposed eco-process innovation performance framework. *International Journal of Sustainable Engineering*, 13(2), 123-139. doi:10.1080/19397038.2019.1644387
3. Loh, K.L, Mohd Yusof, S., Lau, D.H.C., (2019) Blue Ocean leadership in lean sustainability, *International Journal of Lean Six Sigma*, Vo. 10 No 1, March, pp.275-294
4. Salleh, A., Yusof, SM., Othman, N., (2019), An Importance-Performance Analysis of Sustainable Service Quality in Water and Sewerage Companies, *INDUSTRIAL ENGINEERING AND MANAGEMENT SYSTEMS*, 18 (1), pp. 89-103, DOI: 10.7232/iems.2019.18.1.089
5. Putri, N.T., Yusof, S.M., Hasan, A., Darma, H.S., (2017) A structural equation model for evaluating the relationship between total quality management and employees' productivity, *International Journal of Quality and Reliability Management*, 34(8) pp. 1138-1151
6. Kafuku, J. M., Saman, M. Z. M., Yusof, S. M. & Mahmood, S, (2016) A holistic framework for evaluation and selection of remanufacturing operations: an approach, *International Journal of Advanced Manufacturing Technology*. 87(5-8), pp 1571-1584
7. Kafuku, J. M., Saman, M. Z. M., Yusof, S. M., Sharif, S. & Zakuan, N. (2015), Investment decision issues from remanufacturing system perspective: Literature review and further research, 2015 *Procedia CIRP*. Elsevier, Vol. 26, p. 589-594
8. Nurul Fadly Habidin Sha'ri Mohd Yusof Nursyazwani Mohd Fuzi, (2016), "Lean Six Sigma, strategic control systems, and organizational performance for automotive suppliers ", *International Journal of Lean Six Sigma*, Vol. 7 Iss 2 pp. 110 – 135
9. Habidin, N.F., Yusof, S.M., (2012), Relationship between lean six sigma, environmental management systems, and organizational performance in the Malaysian automotive industry, *International Journal of Automotive Technology*, 13(7), pp.1119-1125
10. Ahmad, M.F., Yusof, Sha'ri M., (2010), Comparative study of TQM practices between Japanese and non-Japanese electrical and electronics companies in Malaysia: Survey Results, *Total Quality Management and Business Excellence*, Vol. 21 Nos 1-2, pp. 11-20, Taylor and Francis, UK
11. Zakuan, N.M., Yusof, S.M., Laosirihongthong, T., Shaharoun, A.M., (2010), proposed relationship of TQM and organizational performance using structured equation modeling, *Total Quality Management and Business Excellence*, Vol. 21 Nos 1-2, pp. 185-204, Taylor and Francis, UK
12. Zadry, Hilma R., Yusof, Sha'ri M., (2006), "*Total Quality Management (TQM) and Theory of Constraints (TOC) Implementation in Malaysian Automotive Suppliers: A Survey Result*", *Total Quality Management and Business Excellence Journal*, Taylor and Francis, UK
13. Quek, E.E., Yusof, Sha'ri M., (2003), *A Survey of TQM practices in the Malaysian electrical and electronic industry*, *Total Quality Management Journal*, Vol. 14 No. 1, pp. 63-77, Taylor and Francis, UK
14. Yusof, S.M., Aspinwall (2001), "*Case Studies on the implementation of TQM in the UK automotive SMEs*", *International Journal of Quality and Reliability Management*, Vol. 18, No.6/7, pp. 722-761, MCB Press
15. Yusof, S.M., Aspinwall, E., (2000), "*Critical success factors in small and medium enterprises: survey results*", *Total Quality Management Journal*, Vol. 11, Nos. 4/5 and 6, pp. S448-S462, Taylor and Francis
16. Yusof, S.M., Aspinwall, E. (2000), "*Total quality management implementation frameworks: comparison and review*", *Total Quality Management Journal*, Vol. 11 No. 3, pp. 281-294, Taylor & Francis.
17. Yusof, S.M., Aspinwall, E., (2000), "*TQM Implementation issues: review and case Study*", *Int. Journal of Operations and Production Management*, Vol. 20 No. 6, pp. 634-655, MCB

- Press
18. Yusof, S.M., Aspinwall, E., (1999), "*Critical success factors for total quality management implementation in small and medium enterprises*", Total Quality Management Journal, Vol. 10, Nos. 4 and 5, pp. S803-S809, Taylor and Francis
 19. Yusof, S., "*Quality System Assessment in an electrical contracting company based on BS.5750*", International Journal of Quality and Reliability Management, Vol.12 No.8, 1995, pp.64-73, MCB Press.

SCOPUS INDEXED (Latest Publications Listed Top)

1. Agus Sutanto, Nilda Tri Putri, Tessa Alqifti, Sha'ri Mohd Yusof,(2024), A Solution Approach on Reducing Defects in Batik Tanah Liek Production Process of a Small and Medium-sized Enterprise, Jurnal Optimasi Sistem Industri, Article, Open Access, DOI: 10.25077/josi.v23.n2.p266-282
2. T Nurainun, HHA Talib, KR Jamaludin, SM Yusof, NT Putri, F Lestari, Identifying Factors for The Success of Halal Management Practices in Leather Industry, (2023), Journal of Applied Engineering and Technological Science (JAETS) 4 (2), 808-824
3. SA Raza Shah, KR Jamaludin, HH Abdul Talib, J Shah, SM Yusof, (2022), Quality Management Implementation And Their Impact On Operational Performance Of Pakistan's Food Processing SMEs., International Journal for Quality Research 16 (3)
4. Osman, M.I., Mohammad, R., Yusof, S., & Chelliapan, S. (2021). Development of an operational excellence framework for organisational performance improvement in the Sudanese aviation industry. Journal of Industrial Engineering and Management, 14(4), <https://doi.org/10.3926/jiem.3570>
5. Belhadi, A., Zkik, K., Cherrafi, A., Yusof, S. M., & El fezazi, S. (2019). Understanding big data analytics for manufacturing processes: Insights from literature review and multiple case studies. Computers and Industrial Engineering, 137, November 2019, 106099
6. Shah, S. A. R., Jamaludin, K. R., Talib, H. H. A., & Yusof, S. M. (2019). Integrated quality environmental management implementation in food processing SMEs: A case study of a developing country. TQM Journal, 31(5), 740-757. doi:10.1108/TQM-11-2018-0166
7. Dahan, S. M., & Yusof, S. M. (2019). A simulation-based approach to assess eco-process innovation performance. Paper presented at the *IOP Conference Series: Materials Science and Engineering*, 598(1) doi:10.1088/1757-899X/598/1/012122 Retrieved from www.scopus.com
8. Rosman, R. B., & Yusof, S. M. (2019). An improved malaysian automotive industry resin supply chain framework. Paper presented at the Proceedings of the International Conference on Industrial Engineering and Operations Management, , 2019(MAR) 110-110. Retrieved from www.scopus.co
9. Salih, O. M., Yusof, S. M., & Dolah, R. (2019). Business excellence models implementation in saudi nonprofit organizations: Critical success factors and key barriers hindering adaptation. Paper presented at the Proceedings of the International Conference on Industrial Engineering and Operations Management, (November) 75-89. Retrieved from www.scopus.com
10. Kafuku, J. M., Saman, M. Z. M., & Yusof, S. M. (2019). Application of fuzzy logic in selection of remanufacturing technology. Paper presented at the Procedia Manufacturing, , 33 192-199. doi: 10.1016/j.promfg.2019.04.023 Retrieved from www.scopus.com
11. Dahan, S. M., & Yusof, S. M. (2019). Eco-process innovation performance: Production waste investigation through discrete event simulation. Paper presented at the IOP Conference Series: Materials Science and Engineering, 697(1) doi:10.1088/1757-899X/697/1/012001
12. Belhadi, A., Sha'ri, Y. B. M., Touriki, F. E., & El Fezazi, S. (2018). Lean production in SMEs: Literature review and reflection on future challenges. Journal of Industrial and Production Engineering, 35(6), 368-382. doi:10.1080/21681015.2018.1508081
13. Putri, N.T., Hidayat, B., Yusof, S.M., Fatrias, D., Indrapriyatna, A.S., (2018) Reducing bag defects using six Sigma methodology: A case study in a cement industry, 2018 7th International Conference on Industrial Technology and Management, ICITM 2018 Volume 2018-January, 6 April 2018, Pages 11-16
14. Mahmud, M., Yusof, S.M., (2018), The influence of religiosity on safety behavior of workers: A Proposed Framework, Pertanika Journal of Social Sciences and Humanities, 26(1) pp. 1-20

15. Salleh, A., Yusof, S.M., Othman, N., (2018), Using importance-performance analysis for water and sewerage companies' services, *Proceedings of the International Conference on Industrial Engineering and Operations Management 2018-March*, pp. 2527-2528, Elsevier
16. Sudiro, S., Yusof, S.M., Revino, (2018), Influence of inventory and work in process adjustment time on production target achievement of D Minus 1 production scenario: A case study of hospital bed production, *Proceedings of the International Conference on Industrial Engineering and Operations Management 2018-March*, pp. 292-303
17. Mohd-Zainal, A., Sulaiman, S., Yusof, S.M., Goodyer, J., (2018), Continuous improvement behaviours in Malaysian manufacturing companies, *Proceedings of the International Conference on Industrial Engineering and Operations Management, 2018-March*, pp. 3029-3039
18. Ng, Seow Chian, A. Hamid, N. Aziaiti, Yusof, S.M., (2017), Factor Affecting Implementation of Green Manufacturing for Malaysian Automobile Manufacturers: A Literature Review from 2010 until 2015, *The Social Science* 12(7), 1293-1298, Medwell Journals
19. Ng Seow Chian, A. Hamid, N.A., Yusof, S.M. (2017), Green Manufacturing Performance Measure for Automobile Manufacturers, *ICIMSA 2017 – 4th International Conference on Industrial Engineering, Management Science and Applications*. Institute of Electrical and Electronics Engineers Inc.13-15 June 2017, DOI: 10.1109/ICIMSA.2017.7985589 ISBN: 978-1-5090-6335-2
20. Kafuku, JM, Saman, MZM, Yusof, SM, (2017) Current and Future Issues in Electronics and Automobiles Remanufacturing Operations, *FTC 2016 –Proceedings of Future Technologies Conference, (FTC) Dec 06-07, 2016, San Francisco*, pp. 415-421
21. Doulatbadi, M. & Yusof, S. M., (2016) Sustained quality award status in developing country: A study on the Dubai Quality Award recipients, *ICIMSA 2016 - 3rd International Conference on Industrial Engineering, Management Science and Applications*. Institute of Electrical and Electronics Engineers Inc.,
22. Sudiro, S., and Yusof, S.M., (2016), Measuring production floor performance using systematic approach: A case study of hospital beds production, *Proceedings of the International Conference on Industrial Engineering and Operations Management, 8-10 March*, pp 372-381
23. Sudiro, S., Yusof, S.M., Revino, (2016), Design simulation and information dashboard for manufacturing control using systematic approach: A case study of hospital beds production, *Proceedings of the International Conference on Industrial Engineering and Operations Management, (IEOM) 8-10 March*, pp 1886-1895
24. Yusof, S.M., Aoki, K, (2016) Proposed Sustained Lean Factors, *Proceedings of the International Conference on Industrial Engineering and Operations Management (IEOM), Kuala Lumpur, Malaysia, March 8-10*, pp 2407-2417
25. Nurul Fadly Habidin Sha'ri Mohd Yusof Nursyazwani Mohd Fuzi, (2016),"Lean Six Sigma, strategic control systems, and organizational performance for automotive suppliers ", *International Journal of Lean Six Sigma*, Vol. 7 Iss 2 pp. 110 – 135
26. Putri, N. T., Retha, F. & Yusof, S. M., Design of quality system documentation in hydrotiller production unit as improvement of quality management system in small and medium enterprise, (2016) *International Journal of Productivity and Quality Management*. 19,1, pp. 116-138
27. Ramasamy, Jeyanthi; Yusof, Sha'ri M. (2015), A literature Review of Subsea Asset Integrity Framework for Project Execution Phase, *Procedia Manufacturing*, Vol 4, 2015, pp. 79-88
28. Mansoorzadeh, S., Yusof, S.M., Mansoorzadeh, S., Zeynal, H., (2014), A comprehensive and practical framework for reliable scheduling in project management. *Advanced Materials Research*. 2014; 903:378-383.
29. Ahmad, M.F., Zakuan, N., Jusoh, A., Yusof, S. M., Takala, J., Arif, M.S.M., (2014), Comparative study of TQM practices between Japanese and non- Japanese companies: Proposed conceptual framework, *Advanced Materials Research*, 903, pp.371-377
30. Amhad, M.F., Zakuan, N., Jusoh, A., Yusof, S.M., Takala, J., (2014), Moderating Effect of ASEAN Free Trade Agreement between Total Quality Management and Business Performance, *2nd International Conference on Innovation, Management and Technology Research, Procedia Social and Behavioral Sciences*, Vol 129, pp. 244—249, DOI: 10.1016/j.sbspro.2014.03.673
31. Doulatbadi, M., Yusof, S.M., (2014), Driving "Soft" factors for sustaining quality excellence: Perceptions from quality managers, *IEEE International Conference on Industrial Engineering and Engineering Management*, 7058750, pp. 808-812

32. Malik, M.N., Yusof, S.M., (2014), Human values for implementation of total quality management: Proposed conceptual framework of an automated tool, IEEE International Conference on Industrial Engineering and Engineering Management 2015-January 7058753, pp. 823-827
33. Nolia Harudin; Sha'ri Mohd Yusof, Speeding maintenance performance through time study Applied Mechanics and Materials. 2014; 607:860-863
34. Doulatatabadi, M., Yusof, S.M., (2014), The "Soft" obstacles to quality excellence practices: Evidence from the United Arab Emirates, IEEE International Conference on Industrial Engineering and Engineering Management 2015-January 6962704, pp. 1721-1725
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- of Higher Learning (IPTA) R & D Exposition 2003, PWTC Kuala Lumpur 9th –10th October 2003, Organiser UPM
79. Baba Md Deros, Sha'ri M Yusof, Azahari Mohd Salleh, (2003), "Cadangan Kerangka Kerja Pelaksanaan Ukur Rujuk Untuk Industri Kecil dan Sederhana, dalam Prosiding Penyelidikan dan Pengembangan, Jabatan Kejuruteraan Mekanik dan Bahan, Fakulti Kejuruteraan, Universiti Kebangsaan Malaysia, ms 241-246
 80. Baba Md. Deros, Sha'ri M Yusof, Azahari Mohd Salleh, (2003), "Kajian Literatur Untuk Kerangka Pelaksanaan Ukur Rujuk Bagi Industri Kecil dan Sederhana, dalam Prosiding Penyelidikan dan Pengembangan, Jabatan Kejuruteraan Mekanik dan Bahan, Fakulti Kejuruteraan, Universiti Kebangsaan Malaysia, ms 233-239
 81. Baba Md. Deros, Sha'ri M Yusof, Azahari Mohd Salleh, (2003), "Kajian Mengenai Peranan, Definisi dan Ciri Industri Kecil dan Sederhana, dalam Prosiding Penyelidikan dan Pengembangan, Jabatan Kejuruteraan Mekanik dan Bahan, Fakulti Kejuruteraan, Universiti Kebangsaan Malaysia, ms 225-232
 82. Nyioh, L.F, Muhammad Zameri M. Saman, Yusof, S.M., (2002), 'Application of Quality Function Deployment (QFD) in Product Design and Development', Proceeding's 3rd National Ergonomics Conference, 12th-13th June, Johor Bahru, pp.159-171
 83. Baba Md. Deros, Yusof, S.M, Azahari M.S., (2002), 'A Review of Benchmarking Practices in Manufacturing Organizations', 2nd World Engineering Congress- Mfg Engineering, Automation and Robotics, Kuching, Sarawak
 84. Abdul Rahman Abd. Rahim, Sha'ri Mohd. Yusof, "Total Quality Management in a Small Industry: A Case Study", Proceedings World Engineering Congress, 1999, Kuala Lumpur
 85. Quek, E.E., Yusof, S.M., (2002), Comparison of TQM Implementation Practices in Malaysian Electrical and Electronics Industry, Proceedings 2nd World Engineering Congress, Kuching, Sarawak, July 2002
 86. Yusof, Sha'ri M., Abdul Rahim, A.R., "Application and Implementation of IE Methods in Malaysian Industries ", Proceeding's 1st. International Conference on Industrial Engineering Applications and Practices, Houston, 4th - 7th.Dec. 1996
 87. Yusof, Sha'ri M., Abdul Rahim, A.R., "Meeting the needs of Industrial Engineering Education in Malaysia - The UTM Experience ", Proceedings Conference on ASEAN Federation Engineering Organisations, CAFEO, Ayer Keroh, November 1996
 88. Yusof, Sha'ri M., Lai C.A., "Total Quality Management Implementation in Johor 's Electrical and Electronics Industry - A Survey", Proceedings Pacific Conference on Manufacturing, Seoul, Korea, pp. 469-474, October 1996
 89. Yusof, S., Rahim M.A., Eng S.B., "Development of a database system for a Quality Management Information System in a car manufacturing industry in Malaysia", Proceedings International Conference on Productivity '91, Singapore, August 1991

BOOK CHAPTERS

1. Mehran Doulatbadi, Sha'ri Mohd Yusof, (2015), Ranking Measures for Sustaining Quality Excellence Practices: An Empirical Investigation, Lecture Notes in Electrical Engineering Vol. 349 2015, Industrial Engineering, Management Science and Applications 2015, Editors: Mitsuo Gen, Kuinam J. Kim, Xiaoxia Huang, Yabe Hiroshi, pp. 1009-1020
2. Rasli Muslimen, Sha'ri Mohd. Yusof, and Ana Sakura Zainal Abidin, (2013) A case study of lean manufacturing implementation approach in Malaysian automotive components manufacturer Electrical Engineering and Intelligent Systems, Springer Link
3. H. S. Hamzah, S. M. Yusof, K. R. Jamaludin, M. Z. Mat Saman, (2012) Reverse Supply Chain Framework Proposal For Malaysian Automotive Industry In Sustainable Manufacturing - Shaping Global Value Creation - Editor Gunther Seliger , Springer, Berlin 978-3-642-27290-5 pp 275-280
4. Rohani, J.M., Yusof, S.M., (2008), Deriving Success Factors and Quality and Firm Performance in Statistical Process Control Implementation: An Exploratory Factors Analysis (EFA) Approach Advances in Manufacturing And Industrial Engineering, Penerbit UTM, pp. 67-92
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- Performance in Malaysian Automotive Industry Advances In Manufacturing And Industrial Engineering, Penerbit UTM, pp. 49-66
6. Nilda, Tri Putri, Sha'ri M Yusof, (2008), Quality Engineering in Malaysian and Indonesia Automotive Related Industry- a Research Agenda, in Advances In Manufacturing And Industrial Engineering, Penerbit UTM, pp. 17-48

OTHER PUBLICATIONS

1. Yusof, Sha'ri, Quality in the First Person – A Necessity to Compete Globally, Quality Progress, Vol. 37 No. 5, May 2004, pp. 92-93
2. Total Safety Management versus Total Quality Management: A Creative Link via SPC Tools, National Institute of Occupational Safety and Health Bulletin, NIOSH April 2002
3. Final Report 'TQM Advancement and Critical Factors for Implementation in manufacturing SMEs', Short Term Research 2001-2003
4. Sha'ri Mohd Yusof, Ammar Ali, Mohd Rasid Othman, (2013), Air Asia's Strategies, The Ingineuer, Lembaga Jurutera Malaysia, KDN PP 11720/4/2013 pp 42-47
5. MS 2046:2008 Road Vehicles - Brake Linings Frictions Materials - Visual Inspection SIRIM Berhad
6. MS 2082:2008 Road vehicles - Braking systems - Temperature measuring methods SIRIM Berhad
7. MS 4928:2008 Road vehicles - Elastomeric cups and seals for cylinders for hydraulic braking systems using a non-petroleum base hydraulic brake fluid (Service temperature 120 °C max.) (ISO 4928:2006, IDT) SIRIM Berhad
8. MS 6118:2008 Road vehicles - Elastomeric cups and seals for cylinders for hydraulic braking systems using a non-petroleum base hydraulic brake fluid (service temperature 70 °C max.) (ISO 6118: 2006, IDT) SIRIM Berhad
9. MS 4930:2008 Road vehicles - Elastomeric seals for hydraulic disc brake cylinders using a non-petroleum base hydraulic brake fluid (Service temperature 150 °C max.) (ISO 4930:2006 IDT) SIRIM Berhad

INTELLECTUAL PROPERTY FROM RESEARCH

No	Title	Type	Owners/Authors	Date
1.	Manufacturing Performance Audit Software	Copyright	Elita Amrina Sha'ri Mohd Yusof	4 Nov 2009
2	Model of ISO/TS16949 Efforts as Mediator	Copyright	Norhayati Zakuan Sha'ri Mohd Yusof Muhammad Zamari Mat Saman	4 April 2012
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4.	Survey Instrument on Total Quality Management Implementation	Copyright	Norhayati Zakuan Sha'ri Mohd Yusof Muhammad Zamari Mat Saman	4 April 2012
5.	Total Productive Maintenance on Manufacturing Performance, Predictor Model Based on Artificial Neural Network and Optimization (TPM-ANN Integrated Model Based on TPM Critical Success Factors)	Copyright	Sha'ri Mohd Yusof Fatemeh Harsej	25 July 2012
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TEACHING

Session	Sem	Code	Course	Credits
17/18	1	MRSA 2123	Quality Management and Reliability	3
17/18	1	ERSA 1113	Current Topics in Production and Operations Management	3
16/17	3	ERSA 1113	Current Topics in Production and Operations Management	3
16/17	2	MRSA 2123	Quality Management and Reliability	3
16/17	2	MRSE 1513	Operations Strategy and Management	3
16/17	2	ERSA 1243	Current Topics in Total Quality Management	3
16/17	2	MRSA 2123	Quality Management and Reliability	3
16/17	1	ERSA 1113	Current Topics in Production and Operations Management	3
16/17	1	MRSE 1523	Quality Management and Techniques	3
16/17	1	MRSE1513	Operations Strategy and Management	3
16/17	1	ERSA 1243	Current Topics in Total Quality Management	3
16/17	1	MRSA 2123	Quality Management and Reliability	3
16/17	1	MKAB 2373	Pengurusan Kualiti Projek	3
15/16	2	MRSE 1513	Operations Strategy and Management	3
15/16	2	MDE 1513	Operations Strategy and Management	3
15/16	2	ERSA 1113	Current Topics in Production and Operations Management	3
15/16	2	MRSA 2123	Quality Management and Reliability	3
15/16	1	ERSA 1113	Current Topics in Production and Operations Management	3
15/16	1	EDW 3243	Quality Management and Techniques	3
15/16	1	MRSE 1523	Quality Management and Techniques	3
15/16	1	ERSA 1243	Current Topics in Total Quality Management	3
15/16	1	EMS 2183	Quality Management and Problem Solving	3
14/15	1	MDE 1513	Operations Strategy and Management	3
14/15	1	EMS 2183	Quality Management and Problem Solving	3
13/14	3	MDE 1513	Operations Strategy and Management	3
13/14	3	MMN 2323	Quality Management	3
13/14	2	MDE 1523	Quality Management and Techniques	3
13/14	2	MDE 1513	Operations Strategy and Management	3
12/13	2	EMS 2183	Quality Management and Problem Solving	3
12/13	2	MDE 1523	Quality Management and Techniques	3
12/13	2	MMN 2153	Project Management	3
12/13	1	MMN 2323	Quality Management	3
12/13	1	MMP 2643	Production and Operations Management	3
12/13	1	EMS 2183	Quality Management and Problem Solving	3
11/12	2	MDE 1523	Quality Management and Techniques	3
11/12	2	MMN 1113	Production and Operations Management	3
11/12	1	MDE 2323	Quality Management and Techniques	3
10/11	1	MAB 2643	Project Quality Management	3
10/11	1	SME 4832	Pengurusan Kejuruteraan dan Keselamatan	3
09/10	1	MMN 2323	Quality Management	3
09/10	2	MMN 1113	Productions and Operations Management	3
08/09	1	MMN 1123	Advanced Quality Engineering	3
08/09	2	SMJ 4832	Pengurusan Kejuruteraan dan Keselamatan	3
			TOTAL	129

Additional : MDE 1523 Quality Management and Tools / Double Master Meiji Univ (Part Time Meiji University Professor) July 2011, July 2012, June 2013, June 2014, Nov 2015, July 2017 = Additional 21 credits

POSTGRADUATE SUPERVISION
DOCTOR OF PHILOSOPHY

No	Name	Role	Title	Time
1	Baba Md Deros	Main Supervisor	Development of a Benchmarking Implementation Framework for Small and Medium Sized Enterprise	Completed December 2004
2	Abd Rahman Abdul Rahim	Main Supervisor	New Product Development Framework for ETO production	Completed June 2006
3	Norhayati Zakwan	Main Supervisor	Comparative Study of Quality Tools Implementation and Practices in Automotive Industries	(Aug. 2006 – December 2009) Completed
4	Nilda Tri Putri	Main Supervisor	Benchmarking of Quality Practices Between Malaysian and Indonesian Automotive Related Companies	Completed (Dec 2007 – July 2011)
5	Zainal Fitri bin Zainal Abidi	Main Supervisor	Doctor of Engineering (EBM) Sound Quality Perception for Local Automotive Manufacturer	Completed (Jun 2004 – Feb 2012)
6	Nurul Fadly Zabidin	Main Supervisor	Lean Six Sigma and Strategic Control Framework	Completed September 2012
7	Elita Amrina	Main Supervisor	Sustainable Manufacturing Performance Tool for Automotive Companies	Completed (Dec 2009 - April 2013)
8.	Vahideh Tabasi Loft Abadi Co-Supervise with Dr Kamariah Ismail (FPPSM)	Co-Super	Entrepreneurial marketing : consumer expectations and satisfaction in case of Iran Khodro Company	Completed (June 2009-2013)
9	Fatima Harsej	Main Supervisor	Predictive Model for Total Productive maintenance Critical Success Factors on Manufacturing Performance in Automotive Industry	Completed (July 2008-Sep 2013)
10	Ammar Ali Awad	Main Supervisor	Integration of Web-based Failure Mode and Effects Analysis with TRIZ Inventive Problem Solving Methods	Completed (Dec 2008-12 Feb 2014)
11	Shiva Mansoorzadeh	Main Supervisor	Risk based scheduling in engineering, procurement, and construction projects in Iran power industry	Completed Sept 2014
12	Jafri Mohd Rohani	Main Supervisor	Relationship between Statistical Process Control Success Factors and Organizational Performance	Completed (Jul2005 – 2014)
13	Muhammad Noman Malik	Main Supervisor	Human Values Identification and Assessment Tool for TQM Implementation	Completed (Feb 2012-April 2015)
14	Mehran Daulotabi	Main Supervisor	Self-Assessment Instrument for Sustaining Business Excellence in Quality Award Companies.	Completed (2008-2016)
15	Awadh Salim AlHarbi	Main Supervisor	Performance Management Systems for Research and Development Activities in Saudi Arabia Oil and Gas Sector	Completed (2010-2016)

16	Affandi Zainal Adibin	Main Supervisor	Relationship between Learning Organization Dimensions, Problem Solving Behaviour and Continuous Improvement Behaviour in Sustaining Lean Implementation	Completed (2014 -2017)
17	Jeyanthi Ramasamy	Main Supervisor	Subsea Asset Integrity Framework for Project Execution Stage	Completed April 2017
18	Halim Shah Hamzah	Co-Supervisor	Automotive Post Use Supply Chain Business Processes Feasibility Model	Completed (2010-2017)
19	SharafEldin Hamed Ahmed	Main Supervisor	Integrated Framework for Sustaining Total Quality Management in Sudan	2013 – Viva 23 March 2017
20	Susanto Sudiro (ISTN)	Main Supervisor	Permodelan Perancangan dan Kawalan Kerja dalam Proses Multi Produk bagi Pengeluaran Katil Hospital	Feb 2014-7 September 2017
21	John Mbogo Kafuku	Co-Super	Remanufacturing Cost Framework	(Sep 2013-August 2017)
22	Mazlan Mahmud	Main Supervisor	The Influence of Religiosity and Fatalism on Safety Behavior of Muslim Shipyard Workers in Malaysia	Feb 2012 – Viva April 2018
23	Abrari Saleh	Main Supervisor	Sustainable Service Quality of Malaysian Water and Sewerage Companies	Sept 2014 – April 2018
24.	Azah Abdul Kadir	Co-super	Design Of Project Integrated Quality And HSE Management System For ERCIC Oil And Gas Marine Contractors	Aug 2012
25.	Loh Kok Liang	Main Supervisor	Blue Ocean Leadership for Sustaining Lean Manufacturing in Malaysian Automotive Industry	Feb 2016- March 2019
26.	Saad Aziz H AlOtaibi	Main Supervisor	Impact of Service quality and Organisational Culture on Customer Satisfaction among university students at Umm Al-Qura University	Sep 2015 – Dec 2019
27.	Daswir	Main Supervisor	Hubungan Komitmen Pengurus Dengan Budaya dan Perilaku Keselamatan Kerja Loji Penapisan Minyak Riau	Feb 2014-July 2020
28.	Rosdan Rosman	Main Supervisor	Supplier Selection system	Feb 2012 – Jan 2021

POSTGRADUATE-DOCTOR OF PHILOSOPHY Continued by colleague

No	Name	Role	Title	Timeline
1.	Suziyana Mat Dahan	Main Supervisor	An Instrument to Measure Eco-innovation Performance in Malaysian Electrical & Electronics Industry	Feb 2016
2.	Ahmad Ashraf Mohd Ali	Main Supervisor	Perception of Malaysians Towards Remanufacturing Products in Automotive Industry	Feb 2016

3.	Amizi bin Noor	Main Supervisor	Optimization Of Automated Guided Vehicle Maneuverability	Feb 2017
4.	Nor Azlina Ahmad Zaini	Main Supervisor	Development of Green Supplier Selection Model in Public Projects: An Integrated Fuzzy - AHP Approach	Feb 2017
5.	Ng Seow Chian (co-supervise	Co-Super	Green Supply Chain	Penyelia Utama UTHM (Dr Norazati Abdul Hamid – FFTP) 10 Apr 2016

MASTER BY RESEARCH (GRADUATED)

N	Name	Role	Title	Time
1.	Ayu Bidiawati	Main	Penjadualan Pengeluaran Menggunakan Aturan Pelepasan Berprioriti Dalam Sistem Bergangguan (Production Scheduling Priority Rules in a Pre-emption System)	Completed February 2004
2.	Noviyarsi	Main	Development of Quality Engineering Framework for Malaysian Automotive Suppliers	Completed April 2005
3.	Hilma Raimona Zadry	Main	The evaluation of Total Quality Management in Malaysian Automotive Suppliers Using Theory of Constraints (TOC)	Completed April 2005
4.	Mazlan bin Awang	Main	A Critical Study on Applications of Industrial Engineering Tools and Techniques in Malaysian Hospitals	(June 2003 – Sept 2006) – Completed
5.	Mohd Fauzi Ahmad	Main	Comparative Study Of Quality Practices Between Local And Japanese Based Companies in Malaysia	(June 2004 – April 2009) Completed
6.	Mohd Azril bin Amil	Main	Supplier performance assessment tool in automotive industry using multivariate analysis	(July 2006 – August 2009) Completed
7.	Elita Amrina	Main	Manufacturing performance measurement tool for small and medium-sized enterprises	(Dec 2007 – August 2009) Completed
8.	Nurul Fatiha Mesbah	Main	Inventive solution on braking system for passenger car using TRIZ method	(July 2012- Oct 2014 Completed)

ACADEMIC RECOGNITION AND LEADERSHIP

KEYNOTE ADDRESS/INVITED SPEAKERS

1. 64th **Inaugural Professorial Address, Quality Thinking: A Way of Life**, 21st January 2015, Dewan Jumaah Universiti Teknologi Malaysia, Kuala Lumpur
2. 'Sustaining Lean Organizations ... Learning from Toyota... again', **Keynote** Address International Conference on Industrial Engineering/ 3rd International Conference on Ergonomics 19-20 August 2015, Kuala Lumpur. Organized by UM, UKM, UPM, HFEM, MySet
3. Sustainability Factors for Lean Management System, **Invited Speaker** for International Conference on Management at Meiji 2015 – How to Join International Academic Community? Meiji University Tokyo 2-3 November 2015
4. Sustaining Lean Organizations, **Keynote** Speaker in ErgoSym2015 and Lean Six Sigma 2015, Organized by school of Manufacturing, Universiti Malaysia Perlis, 30-1st December 2015
5. **Visiting Professor** Keynote Lecture “Lean and Sustainability” Fakultas Teknik, Universitas Andalas, Padang, Indonesia, 9 May 2016
6. **Speaker** at Asia Profesional Education Network (APEN) –JAIF (Japan ASEAN Integration Fund) Project Ci-HRD Wrap Up Conference, 13th May 2017, Bandung Indonesia (see www.apen.asia)
7. **Presenter** at APEN JAIF Project Seminar – Dissemination of Project Outcomes in Thailand, 1st June 2017, Thai-Nichi Institute of Technology, Bangkok. Supported by JAIF Fund
8. 6th International Conference on Technology Management, Business and Entrepreneurship 2017 (ICTMBE 2017), 24 August 2017. **Keynote Speaker**, 'Sustaining Lean in Organizations for Survival'.
9. **Keynote Speaker**, 6th Annual Conference on Industrial and System Engineering (ACISE) and ICRMIA, Industrial Engineering Dept. Universiti Diponegoro, Semarang, 24 April 2019
10. **Keynote Speaker**, International Conference of Engineering Business Management (ICEBM 2019), Hotel Royale Chulan, 3-4 August 2019
11. **Keynote Speaker**, 1st International Conference of Industrial Engineering Technology Management and Knowledge Science (IETechs) 2019, Novotel Hotel, 29-30 September organized by UTHM

12. **Invited Industrial Speaker**, 24th IEOM Industry Solutions and Industry 4.0, and 2nd Asia Pacific IEOM Conference (Industrial Engineering and Operations Management), Lean and Operations Management Post Covid- Challenges, 15 Sept 2021, Surakarta, Indonesia (Online)
13. **Speaker** for UTHM Faculty of Engineering Technology, Course BNP2903 – “Lean and Engineering Management in Construction Industry”, 2 May 2021 – Online
14. **Keynote Speaker**, ‘Post Pandemic Sustainable Global Supply Chain Resilience for Operations Management’, International Conference on Engineering Business Management (ICEBM) 2022 Online, Meiji University and UTM Razak Faculty of Technology and Informatics, 21-22 August 2022
15. **Talk titled** “Research Issues in Industry 4.0 in relation to Quality 4.0 with Quality Engineering and Management”, Organized by the Department of Engineering and Industrial Systems - Institut Teknologi Sepuluh Nopember (ITS) Summer Program theme “Aligning Industrial and System Engineering toward Industry 4.0”, ISTN Surabaya 22nd October 2022 (Online)
16. **Invited Talk** “Lean Construction - Improving Stakeholder Value while Reducing Waste”, Final Year Students, School of Architecture and Engineering, UCSI University, 15 March 2023
17. **Plenary Speaker** “Organizational Changes Through Lean” International Lean Healthcare Conference, August 15-16th, 2023, The Everly Putrajaya Hotel Resort.
18. **Key Note Speaker**, International Conference on Business Intelligence, Industrial Engineering and Management, UMPISA, online, 14th August 2024’ Quality 4.0
19. **Panel Speaker**, Malaysia Japan Visionaries Conference, 14-16 September 2024, University of Tokyo, Japan.
20. **Guest Speaker**, Schaeffler Asia Pacific World Quality Day 2024, “Quality Excellence: From Compliance to Performance” 14th November 2024 – Online
21. **Invited Speaker** Studium Generale (General Lecture), Talk titled “Integrating Industry 4.0 Technologies into New Areas” for Collaborative Digital Transformation of Infrastructure, A Multi-Disciplinary Approach for Global Future, July 29th 2025, Universitas Pancasila, Jakarta Indonesia, Online
22. **Keynote Speaker**, International Conference on Industrial Engineering and Innovation (ICIEI) 2025 24th – 26th September 2025, Organized by the Department of Industrial Engineering, Faculty of Engineering, Universitas Andalas, Hotel Santika Premiere Padang.

VISITING PROFESSOR

1. Faculty of Science and Technology, Universitas Islam Negeri Sultan Syarif Kasim Riau (UINSUSKA), Pekanbaru Indonesia (11-11 September 2013)
2. Fakultas Teknik Universitas Andalas, Padang Sumatera, April 11-14, 2014
3. Graduate School of Business Administration, Meiji University, April 1- 30 May 2015
– Research on Lean Sustainable Factors (co-researcher Prof Aoki)
4. Visiting Professor, MJIT, Universiti Teknologi Malaysia, April 2024-March 2025

TECHNICAL COMMITTEE

1. International Advisory Committee, International Conference on Engineering & ICT 2010 (ICEI 2010) University Teknikal Malaysia Melaka, 18-20 Feb Holiday Inn Melaka
2. Technical Committee Chair, Asia Pacific Industrial Engineering and Management Society Conference 2010, 7-10 December 2010, Melaka organized by APIEMS, UM and KIIE
3. Program Committee International Conference on Industrial Engineering And Service Science (IESS) 2011, Surakarta, Institut Teknologi Sepuluh Nopember, Chair Budi Santosa
4. Committee Member, 1st International Conference on Robust Quality Engineering (ICRQE 2013) 22-26 April 2013
5. Committee Member, 2nd International Conference on Engineering Business Management, Hotel Istana , 27-28 Aug 2013
6. Panel Reviewer, 3rd International Conference on Engineering Business Management (ICEBM 2014) 25-26 Aug 2014
7. International Conference on Industrial Engineering And Service Science (IESS) 2015, Institut Teknologi Sepuluh Nopember

PROGRAM EXAMINERS/BOARD OF STUDY

1. Universiti Teknikal Malaysia Melaka – Faculty of Manufacturing – Degree in Manufacturing Engineering (Manufacturing Management, Faculty of Manufacturing Engng, 1 Mar 2009 - 31 August 2011)
2. Malaysia Inst of Industrial Technology, (MITEC) UniKL Pasir Gudang – Bachelor of Engineering Technology in Quality Engineering (Hons) (2009-2012)
3. Universiti Malaysia Sarawak – Board of Study Master in Mechanical Engineering – Nov 2015
4. Universiti Tun Hussien Onn Malaysia, Parit Raja, Batu Pahat – Fakulti Pengurusan Teknologi dan Perniagaan – Program Sarjana Muda Pengurusan Teknologi

(Pengeluaran dan Operasi) 1 Mei 2015 – 30 April 2017

5. Ahli Lembaga Penasihat Fakulti, Kejuruteraan dan Alam Bina, UKM Program Kejuruteraan Mekanikal, Jabatan Mekanik dan Bahan 1.1.2016-31.12 2019
6. Board of Study New Program Master of Science (Engineering Management), Faculty of Engineering, Universiti Malaysia Sarawak (UniMAS) Kuching, 1 February 2017 – 31 January 2018
7. External Examiner Master of Engineering (Mechanical) Faculty of Engineering, Universiti Malaysia Sarawak, 25-26 Jun 2019
8. Board of Studies, Universiti Kuala Lumpur Malaysian Institute of Industrial Technology (UNIKL-MITEC), Program – Master of Quality Engineering and Management, 13th June 2021 Evaluation Online
9. External Assessor for Proposed Master of Science in Engineering and Technology Management Engineering Faculty, Islamic University of Madinah, Kingdom of Saudi Arabia, 27 April 2021
10. Programme Assessor, Master of Quality Engineering and Management, UniKL MITEC, Pasir Gudang, 25th September 2024, Online Platform

JOURNAL REVIEWER / EDITOR

1. Journal: Processes - Special Issue title: Data-based Process Monitoring, Process Control, and Quality Improvement in Industry, Guest Editor, 2023 - now
2. Total Quality Management & Business Excellence, The role of Organizational Culture in Total Quality Management adoption and Cost of Quality May 2021
3. Total Quality Management & Business Excellence, Total Quality Management 4.0: adapting Quality Management to Industry 4.0 March 2021
4. Total Quality Management & Business Excellence Does culture matter for the EFQM model application? Feb 2021
5. Perceived Employee Satisfaction on TQM Implementation Efficiency in the Public Sector Companies in India, FIIB Business Review Feb 2021
6. A COMPARATIVE EVALUATION OF CONTEMPORARY MODELS FOR LEAN MANUFACTURING PRACTICES International Journal of Services and Operations Management (IJSOM) – IJSOM_128833 Jan. 2016
7. The impact of TQM on Organisational Performance: Evidence from Textile Sector of a Developing Country" for Total Quality Management & Business Excellence, Taylor and Francis. Manuscript CTQM-2015-0116
8. Integration of Lean Manufacturing and Quality management System through Structural Equation Modeling, in International Journal of Productivity and Quality Management, Inderscience Publishers, 29 July 2015
9. International Journal of Quality and Reliability Management (Emerald) Q1 Journal Application and Limitation of Axiomatic Design Complexity in Quality Engineering, 3 Oct 2013
10. Assessor Mechanical Journal FKM, 'Supply Chain Strategies and Competitors Priority in Appliances Companies using AHP Method' 22 Mac 2013
11. Reviewer International Conference on Industrial Engineering and Business Management 2010, Universitas Islam Sunan Kalijaga, Jogjakarta (2 papers) Journal

- of the Chinese Institute of Industrial Engineers, "The Barriers in Lean manufacturing Implementation", October 2010
12. ISO 9001:2000 Implementation in SME: A Case Study (JSSH-0222-2010), Journal of Social Science and Humanities, Pertanika, UPM, August 2010
 13. A Study on Integrated Manufacturing Technologies in the Caribbean Manufacturing Firms, The Western Indian Journal of Engineering, University of West Indies, Trinidad and Tobago, 2006
 14. 'Optimal buffer Allocation for Unpaced Balanced and u-balanced Production Line, JURNAL TEKNOLOGI, Siri A, Penerbit UTM, 2006
 15. New Concept of Virtual Cellular Manufacturing, The Western Indian Journal of Engineering, University of West Indies, Trinidad and Tobago, 2005
 16. An Overview of Manufacturing Strategies, TQM Magazine, MCB Press, UK, 2005
 17. Progress of Quality Management Practices in Australia, TQM Magazine, MCB Press, 2005
 18. System Analysis of Efficient Production Processes for Productivity Enhancement, IEM Journal, 2005
 19. Pengurusan Kualiti Menyeluruh dan Prestasi Kerja, JURNAL TEKNOLOGI, Siri E, Penerbit UTM, 2005
 20. Ranking of Alarms in Conventional Control Charts: Case Study $N(0.5,1)$, Jurnal Mekanikal FKM, UTM, 2005
 21. Production Planning for a Multi-Stage, Multi-Item Compatible Process Using Multiple ARC Network Model, JURNAL TEKNOLOGI Siri E, Penerbit UTM 2004
 22. An Operational and Institutional Perspective on Total Quality Management, Journal of Production and Operations Management, Carnegie Mellon, USA, 2004
 23. Development of a Model for Application of TQM in a Tobacco Manufacturing Company, ICAMT 2004, UIA and UTM
 24. Efficient Cost Management Through Excellence Quality Management Practices Among Local Authorities in Malaysia, JURNAL TEKNOLOGI, Siri E, Penerbit UTM, 2004
 25. Thermoforming Process Characterization by Using Statistical Design of Experiment Approach, JURNAL TEKNOLOGI, Siri E, Penerbit UTM, 2004
 26. A QFD Approach for distribution location's model, International Journal of Quality and Reliability Management, MBC Press, UK, 2001 (Reviewed)
 27. Reviewer for TQM and Business Excellence, IJLSS, International Journal Productivity and Quality Management, and other journals since 2000

INTERNAL EXAMINER

Doctor of Philosophy / Engineering Doctorate

1. Lau Hoe Chai, Critical Soft factors for TQM Implementation in Malaysian companies, Eng Doctorate. – UTM January 2001
2. Yeap Ming Keong, A Study on How Total Quality Management (TQM) Can Be Implemented in the Construction Industry in Malaysia, Eng Doctorate – UTM April 2002
3. How Wei Ming Manufacturing Strategy and Its Implementation for Sheet Metal Working Machinery in Malaysia Internal Examiner Eng Doctorate – UTM June 2003
4. Ooi Keng Boon Engineering Doctorate (BATC) Does TQM Affect Employees' Affective Reactions in the Malaysian Semiconductor Subcontracting Industry. Disember 2005
5. Norizah binti Mohamad – Eng Doctorate BATC-Warwick – the Involvement of Parts suppliers in Customer's Product Development Activities in Automotive Industries in Malaysia – Viva 16 November 2007
6. Tan Owee Kowang – PhD – FPPSM – New Product Development Performance within Research and Development based Companies in Malaysia -Viva 20 Jun 2012

7. Ibrahim Danjuma – PhD – (Mgt) – Service Quality, Customer satisfaction and attachment in Technological Universities in Nigeria - Viva 23 March 2013
8. Farhad Sanjarifard – PhD (Mgt) – Determination of Performance Measures in Small and Medium Enterprises in Manufacturing Sector – Viva 27 December 2013
9. Tiong Kung Leong – PhD (Mgt) – Implementation and Effectiveness of Non-Technical maintenance in Malaysia Construction Industry – Viva 22 Jan 2014
10. Mastora binti Mustafar – PhD (Mgt) – Fak Pengurusan, Kesan Amalan Pengurusan Kualiti ke atas Sumber P&P dan Prestasi Syarikat, Viva 11 Oktober 2015
11. Tengku Nur Azila binti Raja Mamat – PhD (Mechanical Engineering), Framework for the Establishment of the End-of –Life Vehicles Management System in Malaysia, Viva 11 August 2016
12. Muhammad Imran Qureshi – PhD (Mgt) – Work Design Practices for Sustainable Manufacturing Under Socio-Technical Context, Viva 18 August 2016
13. Lee Cheng Sheng PhD (Mechanical Engineering) A Knowledge Management Performance Measurement System for the Small and Medium Enterprises, Viva 30 November 2016
14. Mohamed Shamaun bin Yushak –PhD, MJIT, - Moderation of Resistance to Change Using Lean Principles in Transforming Shipyard Operation, Viva 2 Feb 2017
15. Emelia Sari, PhD (Mechanical Engineering) Sustainable Maintenance Performance Measurement systems for Automotive Industry, Viva 10 April 2017
16. Hamed Golami PhD (Mechanical Engineering), Conceptualizing and Operationalizing Knowledge Capable Strategy in Higher Education Institutions Using Multi-Methods Approach, Viva 11 April 2017
17. Ikhwan bin Md Tab – PhD, MJIT – Managing As-Built Engineering Drawing of Offshore Facilities Through Intelligent 3D Model, Viva 13 April 2017
18. Tan Li Pin, PhD Mechanical, FKM, A Knowledge management Based Prediction Model for Manufacturing Performance Using Structural Equation Modeling and Neural Network, Viva 18 July 2017
19. Mohd Zubairy Shamsudin, PhD Razak School, Instrument to Assess Work-Related Musculoskeletal Disorders Risk Factors for Industrial Manual Material Handling, Viva 8 August 2017

EXTERNAL EXAMINER- DOCTORATE /PHD

1. Shamsuddin Ahmed –PhD – UM – An Integrated Manufacturing Management System for Enhancing Organizational Performance – March 2005
2. Sany Sanuri Mohd Mokhtar – Ph D UUM – The Interface Between Market Orientation and Quality Orientation Attributes of Performance of Manufacturing Organization in Malaysia, Viva 21 November 2007
3. Mohamed Sattar Rasul, Ph.D. – UPM 2009 – Pembangunan Standard Pengukuran Kemahiran Employability Alat Ukur Tahap Kemahiran Employability Individu dalam memenuhi kehendak Majikan Industri Pembuatan Viva 9 Julai 2009 / 2 September 2010
4. Punavasvaran a/I Perumal PhD., - UPM – Lean Process Management Implementation through Enhanced Problem-Solving Capabilities Viva 28 Mei 2009
5. Norani Nordin PhD – UKM –Perlaksanaan Lean – Viva 29 Nov 2011
6. Ehsan Sadeh PhD – MMU –Improving European Foundation for Quality management (EFQM) Excellecne Model for Implementation in Iranian SMEs – Viva 26 Nov 2012
7. Hilmi bin Hussein – PhD Uni Tek Petronas UTP (Mechanical) – Framework for Reliability Maintainability and Availability Analysis of Petrochemical Plant System During Operation Phase – Viva 12 October 2012
8. Low Shye Nee – PhD Pusat Pengajian Kej Mekanik USM, Development of Model to Enhance The Prioritized Solution in Process Improvement – Viva 13 April 2014
9. Mohd Faizal Ahmad Zaidi – PhD, Othman Yeop Graduate School of Business, UUM,

- Organizational Learning, Organizational Ambidexterity, Environmental Turbulence and NPD Performance of Malaysian's Manufacturing Sector – Viva 26 May 2014
10. Mohd Akhir bin Ahmad, PhD, Othman Yeop Graduate School of Business, UUM, The Moderating role of Sustainable Product Development in Relationship between Quality Management Practices: A Study in Malaysian Automotive Industry – Viva 25 May 2014
 11. Mohd Salful Izwaan bin Saadon – Doktor Falsafah (Pengurusan Kualiti dan Produktiviti) UKM, Pengintegrasian Model Kano dan Servqual ke Dalam Penempatan Fungsi Kualiti Bagi Pembinaan Program Latihan, Viva 18 Jun 2014
 12. Norsiah binti Hami, PhD Kejuruteraan Pembuatan UteM, Sustainable Manufacturing Practices and Sustainability Performance, Viva 27 Ogos 2014
 13. Esam Mohamed Ahmed Mustafa, Doktor Falsafah (Pengurusan Teknologi), Impact of Total Quality management Practices on Innovation in Service Organizations, Viva 18 November 2014
 14. Shaliza Azreen binti Mustafa, PhD Pusat Pengajian Kej Mekanik USM, Performance Studies of Paralle Kanban-Base Stock System to Control Multi-Product Multi-Stage Production with Rework, Viva 8 Julai 2015
 15. Mahmood Doroodian, Doktor Falsafah (Kejuruteraan Mekanik dan Bahan) UKM, Developing a Measurement Model of Innovation Capacity of Small and Medium Sized Enterprises (SMEs) Viva 30 Disember 2015
 16. Sachit Vardhan, PhD, Sant Longowal Institute of Engineering and Technology, Longowal, Punjab India, Studies on the Implementation of Continued Total Productive Maintenance in Indian Industry to achieve Business Excellence, Reported on 27 July 2016
 17. Tan Lay Hong, PhD (Technology management and Technopreneurship), UteM, Service Quality Implementation in Shaping Sustainable Banking Operating System: A Case Study of Maybank Group, Viva 12 October 2016
 18. Asma ABU SAMAH, PhD “Event based probabilistic approach for proactive maintenance to improve production capacities in HMLV industries, University of Grenoble, France, Viva (Skype) 8th of Nov. 2016
 19. Yeok Kim Hao, PhD (Mechanical Engineering) UTHM, Mathematical Modelling Method to Solve Line Balancing Problems for Disassembly Lines in Remanufacturing Industries, Viva 15 November 2016
 20. Aref Mabrouk Rohoma Alkelani, PhD (Mechanical Engineering) UTHM, Effects of ISO 9001 and Organisational Culture as a Mediator between the TQM and Organisational Performance in Manufacturing Companies in Libya, Viva 7 February 2017 Asia e-University
 21. Teoh Yong Siang (P031320008), PhD (Manufacturing) UTeM, Overall Performance Effectiveness With Customer Demand And Environmental Consideration, Viva - 10 November 2017
 22. Edly Ferhin bin Ramly, PhD Mechanical, UTHM, Development of a Diagnosis Framework for Selecting Operational Improvement Opportunities, August 2018
 23. Mohd Norzaimi Che Ani, PhD Manufacturing UniKL, Sustainability of Lean Manufacturing System: The Model of Factory-In-Factory (FiF) Concept, 23 October 2018
 24. Norasmiha binti Mohd Nor, PhD Technology Malaysia, UTHM, The Relationship Between Lean System and SME Performance: The Moderating Effect of Business Environment, 30 December 2018
 25. Ang Wei Shang, PhD Technology Management, UTHM, Development of Total Quality Management Performance Model with Mediating Effect of Total Productive Maintenance, Kaizen and Innovation in Electrical and Electronic Industry, UTHM 4 August 2019
 26. Farha Binti Mohd Ghazali, PhD (BA), Asia-e University, Dynamic Resource Management: Identifying Elements and Gaps in a Malaysian Oil and Gas Organisation in the United Arab Emirates, Viva 25 Feb 2021
 27. Bui Thi Thao Hien (Student ID: 0343582) Doctor of Philosophy (Business) Student,

- Determinants of Franchisee Performance In Food And Beverage Industry With The Moderating Role Of Franchisor Support, Taylor's Business School, Faculty of Business and Law, Taylor's University, Malaysia, Viva 3 July 2023
28. Vothia Surian A/L Subramaniam, Developing A Validation Framework To Validate Critical Facilities, Utilities, Equipment And Safety Systems In Pharmaceutical Industries, Doctor Of Philosophy (Engineering) Faculty Of Engineering And Green Technology Universiti Tunku Abdul Rahman, Viva 12 December 2023
 29. Khairil Rafik bin Musa, Critical Success Factors for Naval Shipbuilding Megaprojects: Main Contractor's Perspective, Doctor of Business Administration, Arshad Ayub Graduate Business School, Universiti Teknologi MARA (UiTM), Viva 21 November 2024 -Passed

EXTERNAL EXAMINER MASTERS BY RESEARCH

1. Abdalsalam Mohamed A. Gader, The Motives for ISO 9000 Certification, Master of Science (Manufacturing) Universiti Putra Malaysia – February 2004
2. Moftah Farag Saleh, Evaluating Training Programs on MS ISO 9001:2000 New Standards in Accredited Organisations Master of Science (Manufacturing) Universiti Putra Malaysia – March 2004
3. Tariq Ramadan Abo-Alhol, Master of Science Universiti Putra Malaysia, The Effectiveness of Quality Circles In Five Selected Companies, October 2004
4. Rebecca Au Hsio-Phing, Sarjana Sains (Teknologi Industri), Universiti Sains Malaysia, Kajian Mengenai Latihan Berasaskan Kualiti Dalam Industri Pembuatan Bersaiz Besar di Pulau Pinang (A Study on Quality Related Training of Large Companies in Penang), Julai 2003
5. Koay Leeng Sze, Sarjana Sains (Teknologi Farmasi), Universiti Sains Malaysia, Development of Self Assessment Tools to Evaluate Quality Activities and System, April 2003
6. Sahala Siallagan, Sarjana Sains (Kejuruteraan Mekanik), Universiti Sains Malaysia, Implementation of Total Quality Management in Medan Manufacturing Industries, June 2004
7. Amjad MR Khalili, Sarjana Sains (Kejuruteraan Mekanik) Universiti Sains Malaysia A Study on the Effects of ISO 9000 Implementation on Malaysian Industries Manufacturing Performance: The Mediating Role of Soft and Hard Total Quality Management. April 2005
8. Musli Mohammad, Sarjana Sains (Pembuatan) Universiti Putra Malaysia, Strategies for Implementing Integrated Management systems in Malaysian Manufacturing Companies. December 2005
9. Mohamed Bachik bin Mohamed Hussain, Sarjana Sains (Kej. Mekanik) Universiti Sains Malaysia, Introduction of Graded Severity Ranking on Statistical Process Charts, May 2006
10. Yeap Tee Khoon – Sarjana Sains (Kej. Mekanik) 5SIM Business Process Modeling for Improvement Initiatives Through Lean Six Sigma approach, USM 27 Mac 2007
11. Noor Kamariah Kamaruddin – Master of Science (Management of Technology) – Factors Affecting Supply Chain Technology Adoption: An Empirical Study Amongst suppliers of the National Car Manufacturers in Malaysia. Universiti Utara Malaysia (UUM) May 2007
12. Shamini a/p Patpanavan – Master of Science (Mechanical) – Effectiveness of Quality System Implementation on Selected Local Vendors in the Malaysian Automotive Industry. - September 2007
13. Alireza Esfandiyari – Sarjana Sains (Kej. Industri dan Sistem) Value Stream Mapping Application Using Simulation to Reduce Production Lead Time, Uni Putra M'sia (UPM) 19 Februari 2008
14. Farizah Mamat @Mohd Nor – Master of Technology Management of Technology) – Universiti Utara Malaysia (UUM) 13th May 2008

15. Afdiman Anuar – Master of Science (Industrial and Systems Engrg) UPM – Benchmarking of Best Manufacturing Practices in Malaysian SMEs – August 2008
16. Seyed Ali Ashgar Tayeeh Morsal – Master of Science (IE and Systems) UPM – Developing a New Self-Assessment Model To Study Effects of Maturity of QMS - – October 2008
17. Rosmaizura Mohd Zain – Sarjana Sains (Kejuruteraan Mekanik dan Bahan) UKM – Kawalan Proses Berstatistik di Industri Kecil dan Sedrhana September 2009
18. Low Chee Keong – Sarjan Kejuruteraan Mekanikal USM – A Conceptual Frameowrk for Deployment of Process Improvement from the Manufacturing Perspective Viva 27 April 2011
19. Tan Jun – Sarjana Sains (Kejuruteraan Mekanik) UKM – Pembangunan Perisian untuk mempermudah pelaksanaan dan mengoptimumkan keputusan proses penandaarasan Viva 18 Mei 2012
20. Suresh a/I Vasu – Master of Science in Manufacturing Engineering – UteM Melaka – Development of Lean-Environmental Management (EMS) Integration Model – Viva 19 November 2013
21. Rano Khan Wassan, M Sc Mechanical Engineering – Universiti Teknologi Petronas, Semi-Quantitative Risk Assessment Model for Rotating Equipment, Viva 27 June 2014
22. Mohd Hazaoma bin Abu Hassan Master of Science (Manufacturing) A Service Quality Assessment Based Upon Manufacturing Industries Perception to State Government of Melaka, Viva on 2 March 2016
23. Nur Syazwani binti Abd Suki, Master of Science (Mechanical Engineering), USM, Model for Quality Improvement in the Semiconductors Company Based on Manufacturing Tools and TIPS Techniques, Viva 23 November 2016
24. Nurul Aida binti Harun, Master of Science (Mechanical Engineering), USM, An Application of DMAIC Methodology with the aid of CAPA Concept for Quality Improvement in Semiconductor Industry, Viva 19 Disember 2016

SERVICES/CONTRIBUTIONS TO UNIVERSITY AND SOCIETY

NATIONAL LEVEL CONTRIBUTIONS

1. Penilai Buku Terbitan Universiti Teknologi Tun Hussein Onn Malaysia, "Total Quality Management Based on Japanese Approach", Julai 2011
2. Panel member for Colloquium Review of Malaysia Business Excellence Framework, 25 January 2011 organized by Malaysia Productivity Corporation, PJ
3. Panel Jawatankuasa Teknikal "Quality Management Excellence Award 2011" Secretariat Malaysia Productivity Corporation, September 2011
4. Penghargaan Sumbangan Pembangunan Malaysia Standard MS 474-12:2010 Test Method for Automotive Friction Materials, MS 2321:2010 Road Vehicles – Telescopic Shock Absorbers for Suspension Systems
5. PENILAI BUKU ANUGERAH MAPIM 2014 KATEGORISAINS DAN TEKNOLOGI Judul: Lean Manufacturing: Tools and Techniques Penulis: Puvanasvaran A. Perumal, Penerbit Universiti Teknikal Malaysia, Melaka Mac 2015
6. Penilai Buku Terbitan Universiti Tun Hussein Onn Malaysia "Total Quatity Management (TQM): Is Survival Compulsory?" Jun 2015
7. Penilai Buku Terbitan Universiti Tun Hussein Onn Malaysia " Application of Structural Equation Modeling (SEM) in Quantitative Research" Nov 2015
8. Penghargaan Sumbangan Pembangunan Malaysia Standard MS ISO 26867:2012 Road Vehicles – Brake lining friction Materials – Friction behavior assessment for brake systems
9. Panel Penilai Seminar Penyelidikan Doktor Kejuruteraan Pengajian Siswazah UTeM, Melaka 7 Julai 2013

10. Expert panel validation proposed "Quality, Environmental, Energy and health Safety management system (QEENHSMS) Integration Guide' from UTHM, Batu Pahat 6 july 2014
11. Penilai Pakar Garis Panduan Penggredan dan Pembaharuan Permit Institut Memandu Malaysia, Lantikan Institut Penyelidikan Keselamatan Jalanraya Malaysia (MIROS) 28 Sep 2016
12. **Expert Panel Member** for Reviewing New Engineering Doctorate (D.Eng.) Programme for University Teknologi Petronas, 8-10 September 2017, Putrajaya Marriot

UNIVERSITY LEVEL CONTRIBUTIONS

1. Technical Evaluator for Intensified Research Priority Area (IRPA) EAR Proposals RMK 8 (June 2001, April 2003)
2. Facilitator Research Methodology Course 2003, 2005
3. Selection Panel Expert for UTM Vice Chancellor's Quality Award (AKNC) 2002
4. Audit Panel for UTM VC Quality Award 2002-2006
5. Review Committee for VC Quality Award Criteria 2005
6. Chairman Audit Panel VC Quality Award 2007
7. Audit Panel Member AKNC UTM 2008
8. Facilitator for QA Practices and System Development based on Ministry of Education requirement for Faculty of Mechanical Engineering 2004
9. Facilitator / Lecturer for Quality Assurance in Higher Education Module for Lecturer's Competency Level Assessment (Grade DS 45 and DS 52) 2004-2006
10. Facilitator / Lecturer for Workshop on MOE QA Document Preparation May 2004
11. Internal Auditor for QA Assessment for FPPSM Feb 2006
12. Personality Assessment Panel for TK 5 Candidates (Grade DS 52) 2008
13. Pelantikan Juraudit Dalam Penilaian Audit Prestasi akademik (APA) UTM 3 November 2009
14. Ahli Panel Penilai Anugerah Kualiti Naib Canselor (AKNC) 2009
15. Panel Penilai Anugerah Kualiti Perkhidmatan 2010 (AKP) (Surat 3 Jan 2011)
16. Penilai Kertas Kerja Geran Universiti Penyelidikan (GUP) Penyelidik Razak School 8 Februari 2011
17. Panel Penilai Anugerah Kualiti Perkhidmatan (AKP) 2011 (Surat 1 Feb 2012)
18. Panel Penilai Pra-Audit SwaAkreiditasi UTM KL 21-22 Jun 2012
19. AJK Pengurusan Nilai UTM KL mulai 24 Julai 2012
20. Peer Review Panel Permohonan Prof Madya MJIIT 24 September 2012 (Dr Saiful Amri)
21. Peer Review Panel Permohonan Prof Madya Razak School 19 Oktober 2012 (Dr Khairur Rijal)
22. Auditor Panel Anugerah Kualiti Perkhidmatan (AKP) (Service Quality Award) 2012
23. Peer Review Panel Permohonan Jawatan Profesor Gred Khas C (VK7) Kontrak di Razak School – Dr Dominic Lau 19 Sep 2013
24. Task Force Differentiated Career Pathways (DCP)for Academic Staff - (Professional Track) 2015-2017
25. AJK Halatuju Kurikulum Abad 21 UTM (20.6.16 – 19.6.17)
26. AJK Integriti dan Tadbir Urus UTM (Akademik dan Antarabangsa) 28.2.2016. bawah TNCAA
27. Panel Penilai Teknikal Penilai Proposal GUP Tier 1 2017/1 Niche Area Frontier Materials
28. Ahli Task Force Bidang Tumpuan Utama: Kecemerlangan Pembelajaran dan Pengajaran bagi Pelan Global UTM 2012-2020 (Fasa III: 2018-2020)
29. KetuaPanel Penilai Akreditasi Penuh Program Sarjana Sains (Kejuruteraan Aeronautik) FKM, UTM Jun 2018

FACULTY LEVEL COMMITTEE

1. Faculty of Mechanical Engineering (FKM) Journal Committee and Editor Jurnal Mekanikal, (2000 - 2004)
2. Research Coordination Committee Faculty of Mechanical Engineering
3. Course Facilitator ISO 9000 for FKM
4. Member Committee 2nd International Conference Advanced Mfg Technology, (ICAMT) 2000, UTM
5. Vice Chairman, National Ergonomics Conference, June 2002, Johor Bahru
6. Administrative Board Committee (AJK Pentadbiran) FKM 2004
7. Working Committee Member Program Accreditation FKM (2005)
8. Committee Member New Programme Manufacturing Engineering and Industrial Engineering, FKM, (2005-now)
9. Coordinator New Program Master Engineering Industrial Engineering
10. Ad-hoc Committee Member Visiting Professor –Prof El-Sayed Rutgers University, 2006
11. Pengurus Engineering Doctorate BATC 2009
12. Ahli Jawatankuasa Akademik Razak School Ogos 2010-2012

TALKS / SEMINARS / TRAINING PROVIDED

1. Modul 'Improving Process Capability and Control' di LIKOM Plastic Industries Melaka (Julai 2000)
2. Modul Quality Management , IPPMS Program by CEPP di Tioxide (M) Sdn Bhd. (Sept 2000)
3. Ceramah 'Meningkatkan Industri Pengeluaran Bumiputra Ke Peringkat Global, Bengkel Masyarakat Perdagangan dan Perindustrian Johor , Hyatt Johor Bahru, Ogos 2002
4. Trainer for Executive Development Program MSE Pasir Gudang - "Project Management" module
5. Trainer for Short Course "Quality Improvement Tools" for Hitachi Chemical Sdn Bhd.2005
6. Trainer for Short Course "ISO 9000:2000 Internal Quality Auditing" and "The Making of a Continually Improving Employee" for UEM Academy Bhd. 2002
7. Facilitator for Certified Quality Engineer (CQE) Programme organized by BATC – Module Quantitative Methods I – December 2003 (KL Group) 3-4 January 2004, 15-16 January 2005 (Penang Group)
8. Presenter "CIMA- UTM Managerial Leadership Colloquium - Paper titled - Achieving Business Excellence through Six Sigma, PJ Hilton, 11 Jun 2003
9. Quality Talk "Pengurusan Kualiti Secara Total" – Kualiti Alam Sdn Bhd. Safety Environment Quality Week, 17th Nov 2003
10. Talk in Seminar on Creative Thinking and Quality Learning, Kolej Universiti Teknologi Tun Hussein Onn, (KUITTHO), Parit Raja, 20 Feb 2004
11. Talk on 'UTM Experiences with Industry' at Seminar on the Application of IE Techniques for Excellence, NPC Southern Region, August 2006
12. Trainer Degree++ Programme TQM Module 2008
13. Trainer for Total Quality Management Module MISC-FMS UTM Programme 31st March 2008-4th April 2008
14. Trainer Short Course on Project Management 23rd -25th November 2009, BATC- Ministry of Defence -JLJ
15. Penceramah KURSUS PENYELIAAN PROGRAM PHD INDUSTRI 30 Mac 2011-1 April 2011, Quality Hotel KL,
16. Penceramah Kursus Latihan Penyelia PhD Industri, 11-13 Februari 2012, Bayview Hotel Melaka

17. Penceramah Industri Modul 'Quality Reliability and Maintainability' Program MSc. EBM for Defense and Security anjuran UPNM 25 Julai 2012, Pusat Teknologi Maklumat dan Komunikasi, UPNM Sungei Besi, KL
18. Speaker for Workshop Postgraduate Thesis Assessment for Academic Staff, PPS UteM, 29 April 2013
19. Short Course on Review of ISO 9000 Quality Management System for IWK – April 2013
20. Penceramah Industri Modul 'Quality Reliability and Maintainability' Program MSc. EBM for Defense and Security anjuran UPNM 27 Mei 2013, Bilik Mesyuarat NIEEd, UPNM Sungei Besi, KL
21. Fasilitator Bengkel Autonomi UTM Razak School of Engineering and Advanced Technology, 30 Mei 2013
22. Fasilitator Lean Management Project HCM UTM 3 Jun 2014
23. Guest Speaker "How to Defend your Thesis – Getting Through Your Thesis Examination Excellently, Organised by UTM International Office, 18 March 2015
24. Talk on Postgraduate Programmes for Project Management Career Advancement at IEM PJ 27 April 2016 Organized by Proejct Mgt Technical Division IEM
25. Speaker and Facilitator Supervisory Development Program (AS102) by UTMLead 5 May 2016
26. Trainer "Thesis Preparation and Writing for Doctoral Industry', organised by SPS KL 18 February 2017

CONSULTANCY AND INDUSTRY NETWORK

1. Short Course on ISO 9001:2008 and Total Quality Management for Indah Water Consortium, Damansara on 7th and 8th January 2010
2. Facilitator Short Course Project Management 12-15 Julai 2010. AIMuthanna University Iraq
3. Fasilitator Kursus Pendek Mechanical and Electrical 22-30 Nov 2010 ALMuthanna University Iraq
4. HLAA Short Course on Operation Management, 21-25 Dec 2014, High Level Aviation Academy, Khartoum Sudan