



JABATAN PENDAFTAR

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Kewajipan, Maruah, Integriti

MS ISO 9001:2008 REG NO KLR -0500197

CURRICULUM VITAE

I. PERSONAL PARTICULARS			
Name	DR. SHARIFAH AISHAH BINTI SYED ALI		
Current Position Faculty/Department	DS51 / Fakulti Sains dan Teknologi Pertahanan		
Position applied for			
II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS			
Year	Degree	Discipline	University
2016	Doctor of Philosophy	Management Science/ Operations Research	University of Strathclyde, Glasgow, United Kingdom
2011	Master of Science	Mathematics	Universiti Kebangsaan Malaysia (UKM)
2009	Bachelor of Science (Hons) <u>Double Major:</u> i. Financial Mathematics ii. Optics <u>Minor:</u> Management Science (Economics)	Mathematical Sciences	International Islamic University of Malaysia (IIUM)
2006	Matriculation	Physical Science	Matriculation Centre of International Islamic University of Malaysia
III. TITLES OF POSTGRADUATE THESES WRITTEN			
No.	TITLES OF POSTGRADUATE THESES		
1. PhD	Formulations and Valid Inequalities for Economic Lot Sizing Problems with Remanufacturing (ELSR)		
2. Master	A Comparative Analysis of Efficiency of Selected Islamic and Conventional Unit Trust Funds in Malaysia		

IV. WORK EXPERIENCE			
Year	Position	Field of Work	Place of Work
2008	Practical Trainer	Mini project for Bachelor Degree <i>“Mathematical Modeling and Experimental Work: Misalignment Losses on a Plastic Fiber Optic”</i>	Department of Mathematics & Advanced Photonic Science Institute, Universiti Teknologi Malaysia
2008	Tutor	Management Development Program for Undergraduate Student (Business School)	Business School, University of Strathclyde, United Kingdom
2009 – 2016	Tutor	Operations Research and Mathematics	Department of Mathematics, Centre for Defence Foundation Studies, National Defence University of Malaysia
2016 – 2017	Senior Lecturer	Operations Research and Mathematics	Department of Mathematics, Centre for Defence Foundation Studies, National Defence University of Malaysia
2017 - present	Senior Lecturer (Head of Department)	Operations Research and Mathematics	Department of Defence Science, Faculty of Defence Science and Technology, National Defence University of Malaysia

1.0 TEACHING AND SUPERVISION

1.1 Foundation Courses

No.	Course Title	Semester	Academic Session
1.	FMA 0143 – Basic Mathematics	1	2009/10
2.	FMA 0113 – Mathematics I (Calculus)	1	2009/10
3.	FMA 0233 – Introduction to Statistics	2	2009/10
4.	FMA 0143 – Basic Mathematics	1	2011/12
5.	FMA 0164 – Statistics for Social Sciences	1	2016/17

6.	FMA 0134 – Mathematics III	2	2016/17
7.	FMA 0164 – Statistics for Social Sciences	1	2017/18
8.	FMA 0166 – Business Mathematics	2	2017/18

1.2 Bachelor Degree Courses

No.	Course Title	Semester	Academic Session
1.	EFA 2203 – Engineering Mathematics IIIB (Operations Research and CIS)	1	2016/17
2.	EFA 2203 – Engineering Mathematics IIIB (Operations Research and CIS)	2	2017/18
3.	TSK 2103 – Operational Research	2	2017/18
4.	EFA 3243 – Engineering Mathematics IIIB (Operations Research and CIS)r	1	2018/19
5.	TMM 3323 – Introduction to Programming	1	2018/19

2.0 RESEARCH AND PUBLICATION

Research project

No.	Title	List of Researchers <ul style="list-style-type: none"> • Principle • Members 	Grant Year	Source amount	Status <ul style="list-style-type: none"> • Completed • In Progress
1.	Formulations and Valid Inequalities for Economic Lot Sizing Problems with Remanufacturing (ELSR)	Dr. Sharifah Aishah Syed Ali (Principle) Dr. Kerem Akartunali (Member) Dr. Robert van Der Meer (Member)	2012	-	Completed
2.	Capacitated Production Planning Problem in Hybrid Manufacturing-Remanufacturing Systems (FRGS/1/2017/S TG06/UPNM/03/2)	Dr. Sharifah Aishah Syed Ali (Principle) Prof. Kol. Prof. Ir. Dr. Norazman Bin Mohamad Nor (Member) Prof. Dr. Abdul Ghapor Bin Hussin (Member) Prof. Madya Dr. Wan Rozita Binti Wan Din (Member) Prof. Dr. Dzuraidah Binti Abd Wahab (Member) Nur Sakinah Binti Idris (Member) Mohd Syazwan Bin Mohamad Anuar (Member)	2017	RM63,282	In Progress
3.	Production Planning in Hybrid Remanufacturing	Dr. Sharifah Aishah Syed Ali (Principle)	2018	-	In Progress

	and Manufacturing Systems (UPNM/2018/SF/ SG/01)				
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2.2 Seminars and Publications

2.2.1 Seminars

No.	Authors, year, title, publisher/journal/conference, volume and number of pages (Please bold your name)	Level
1.	Sharifah Aishah Syed Ali , Winifred. I. and K. Akartunali. 2012. Doctoral Symposium, British Academy Management (BAM) Conference 2012. University of Cardiff, Wales, United Kingdom. 11 – 13 September 2012.	International (Doctoral Symposium)
2.	Sharifah Aishah Syed Ali , K. Akartunali and R. van der Meer. 2014. Economic Lot Sizing Problem with Remanufacturing (ELSR): Finding Lower Bounds (Winter Workshop). Department of Management Science, University of Strathclyde, Glasgow, Scotland, United Kingdom. 20 – 21 January 2014.	Department (Oral)
3.	Sharifah Aishah Syed Ali , K. Akartunali and R. van der Meer. 2014. Computational Analysis of Lower Bounds for Economic Lot Sizing Problems with Remanufacturing. 20 th Conference of the International Federation of Operations Research Societies (IFORS) 2014. Barcelona, Spain. 13 – 18 July 2014.	International (Oral)
4.	Sharifah Aishah Syed Ali , K. Akartunali and R. van der Meer. 2015. Valid Inequalities for Economic Lot Sizing Problem with Remanufacturing and Separate Setups (Winter Workshop). Department of Management Science, University of Strathclyde, Glasgow, Scotland, United Kingdom. 19 – 20 January 2015.	Department (Oral)
5.	Sharifah Aishah Syed Ali , M. Doostmohammadi, K. Akartunali and R. van der Meer. Valid Inequalities for Economic Lot Sizing Problem with Remanufacturing (ELSR): Separate Setup Case. 27 th European Conference on Operational Research (EURO) 2015. Glasgow, Scotland, United Kingdom. 12 – 15 July 2015.	International (Oral)
6.	Sharifah Aishah Syed Ali , K. Akartunali, M. Doostmohammadi and R. van der Meer, Valid Inequalities for Economic Lot Sizing Problem with Remanufacturing (ELSR): Joint Setup Case. 2015 INFORMS Annual Meeting Conference, Philadelphia, Pennsylvania, United States. 1 – 4 November 2015.	International (Oral)
7.	Sharifah Aishah Syed Ali . A Computational Analysis of Lower Bounds for the Economic Lot Sizing Problem in Remanufacturing with Separate Setups. 1 st International Conference on Applied & Industrial Mathematics and Statistics 2017 (ICoAIMS 2017), Kuantan, Pahang, Malaysia. 8 – 10 August 2017.	International (Oral)
8.	Sharifah Aishah Syed Ali . A Computational Study of Lower Bounds for the Economic Lot-Sizing with Remanufacturing and Joint Setups. International Conference on Mathematical Sciences and Technology 2018 (MathTech 2018), Penang, Malaysia. 10 – 12 Disember 2018.	International (Oral)

2.2.2 Book/Chapter in Book:

No.	Authors, year, title, publisher/journal/conference, volume and number of pages (Please bold your name)	Level
1.	Aniza Wamin, Ahmad Zaidi Sulaiman, Norzaura Abd Rahman, Ruzanna Mat Jusoh, Sharifah Aishah SyAn ed Ali , Nur Amalina Jamaludin dan Mohd Najib, 2010. Basic Mathematics FMA 0143, Universiti Pertahanan Nasional Malaysia, 2010. 1 st Edition. (ISBN 978-967-5985-05-8).	University
2.	Aniza Wamin, Ahmad Zaidi Sulaiman, Norzaura Abd Rahman, Ruzanna Mat Jusoh, Sharifah Aishah Syed Ali , Nur Amalina Jamaludin dan Mohd Najib, 2010. Basic Mathematics FMA 0143, Universiti Pertahanan Nasional Malaysia, 2011. 2 nd Edition.	University
3.	Mohd Faisal Saari, Nabilah Fikriah Rahin, Normurniyati Abd Shattar, Wan Rozita Wan Din, Khairani Abd. Majid, Sharifah Aishah Syed Ali , Mohd Syazwan Mohamad Anuar, Aniza Wamin, 2017. Statistics for Social Sciences, 2017. 3 rd Edition.	University

2.2.3 Journal Article [*Submitted/ In Preparation*]

No.	Title	Level
1.	Ali, S.A.S. , 2017, September. A computational analysis of lower bounds for the economic lot sizing problem in remanufacturing with separate setups. In Journal of Physics: Conference Series (Vol. 890, No. 1, p. 012098). IOP Publishing.	International (<i>Published</i>)
2.	Ali, S.A.S. , Doostmohammadi, M., Akartunali, K. and van der Meer, R., 2018. A theoretical and computational analysis of lot-sizing in remanufacturing with separate setups. International Journal of Production Economics, 203, pp.276-285.	International (<i>Published</i>)
3.	Mohd Syazwan Mohamad Anuar, Abdul Ghapor Hussin, Yong Zulina Zubairi, Khairani Abd. Majid, Sharifah Aishah Syed Ali and Mohd Faisal Saari. 2018. Bootstrap Confidence Intervals for Circular Regression Model. American Institute of Physics (AIP) Conference Proceedings series.	International (<i>Under Review</i>)
4.	Sharifah Aishah Syed Ali , Mohd Syazwan Mohamad Anuar and Khairani Abdul Majid. A Computational Study of Lower Bounds for the Economic Lot-Sizing with Remanufacturing and Joint Setups. American Institute of Physics (AIP) Conference Proceedings series.	International (<i>Under Review</i>)
5.	Ali, S.A.S. , Equivalence of extended formulations and valid inequalities for economic lot-sizing problem in remanufacturing with joint setups. Working paper to be submitted in March 2018.	International (<i>In preparation</i>)
6.	Ali, S.A.S. , Economic lot-sizing in remanufacturing with separate setups: a heuristic approach. Working paper to be submitted in May 2018.	International (<i>In preparation</i>)

3.0 ACADEMIC RECOGNITION AND LEADERSHIP

(a) Academic Recognition and Leadership

No.	Academic Recognition/Leadership	Year	Level	Awarding Body
1.	25 th International Islamic University of Malaysia (IIUM) Convocation Rector's List.	2009	University	International Islamic University of Malaysia (IIUM)
2.	Recipient of Certificate of Academic Excellence of IIUM.	2006 -2009	University	International Islamic University of Malaysia (IIUM)
3.	Recipient of Postgraduate Certificate in Research Methodology in Business and Management.	2015	University	Business School, University of Strathclyde
4.	Bronze Medal in Defence Security & Sustainability Exhibition	2017	University	<i>Pusat Pengurusan Penyelidikan dan Inovasi, UPM</i>

(b) Service to the University

No.	Position/Membership	Committee	Duration
1.	Member	MQA Document for New Program, Bachelor Degree of Operations Research with Data Science	May 2016 – present
2.	Academic Advisor	Centre for Defence Foundation Studies	May 2016 – present
3.	<i>Pemeriksa Aset Alih</i>	Universiti Pertahanan Nasional Malaysia	May 2016 – present
4.	Examiner	Postgraduates Colloquium	2017
5.	Academic Advisor	<i>Pelajar Program Ijazah Sarjana Muda Penyelidikan Operasi dengan Sains Data, Sesi Akademik 2018/2019</i>	2018 – present
6.	Course Coordinator	TMM 3323 Introduction to Programming	2018
7.	Course Coordinator	TSK 2103 Operational Research	2018
8.	Programme Coordinator	<i>Program Pascasiswazah di Jabatan Sains Pertahanan</i>	2018 – 2019
9.	Programme Coordinator	<i>Penyelidikan di Jabatan Sains Pertahanan</i>	2018 – 2019
10.	Committee Member	<i>Program Pemindahan Ilmu (KTP) dan Program Sains,</i>	2018

		<i>Teknologi, Kejuruteraan dan Matematik di Fakulti Sains dan Teknologi Pertahanan</i>	
11.	Committee Member	<i>Jawatankuasa Pembangunan dan Pengurusan Akademik (JPPA)</i>	2018 – 2019
12.	Head of Invigilator Examination	<i>Peperiksaan Akhir Semester II Semester Akademik 2017/2018 (Program Sarjana Muda)</i>	2018
13.	Invigilator Examination	<i>Peperiksaan Akhir Semester II Semester Akademik 2017/2018 (Program Asasi dan Program Diploma)</i>	2018
14.	Committee Member	<i>Pengurusan Risiko, Fakulti Sains dan Teknologi Pertahanan</i>	2018
15.	Member	<i>Nadi Masa</i>	2016
16.	Life Member	Management Science/ Operations Research Society of Malaysia	2017 – present
17.	Examiner	Postgraduates Colloquium	2018

(c) Service to the Community

No.	Level of involvement	Activity	Organizer	Venue	Date/Year/Duration
1.	Examiner	Matriculation Examiner for Mathematics paper	Ministry of Education	Kuala Lumpur	2010, 2017
2.	Member (Judge)	Science and Mathematics Olympiad Competition	<i>Gagasan Pendidikan Melayu Malaysia dan Kerjasama UPNM dan UiTM</i>	Wilayah Persekutuan dan Johor	October 2016 - present
3.	Conference Helper	EURO 2015 Conference	Association of European Operational Research Societies	Glasgow, Scotland, United Kingdom	12 – 15 July 2015 (4 days)
4.	Member	PhD Committee	Management Science Department, Business School, University of Strathclyde	Glasgow, Scotland, United Kingdom	2014 (1 year)

5.	Member	HAN 1 for Ummah (Charity Work)	High Achiever Network	Gombak, Selangor	2017
6.	Committee Member	<i>Kuiz Matematik dan Hadiah Pertandingan pada Karnival Science, Technology, Engineering and Mathematics (STEM)</i>	FSTP	Sekolah Menengah Kebangsaan Taman Desa	2018

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

Signature : *aishah*

Name : DR. SHARIFAH AISHAH BINTI SYED ALI

Faculty/Department : Department Of Defence Science, FSTP

Date : 21 January 2019

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

Dean
Signature and Stamp :

Date :