

## 1-PERSONAL DATA

Name: **Fayez Gurmallh Aldawi**

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## 2-EDUCATION

Degree	Discipline	Institution	Year
Ph.D	Mechanical Engineering	Royal Melbourne Institute of Technology. Australia , Melbourne	2014
MEng	Mechanical Engineering	University Technology of Sydney. Australia, Sydney	2011
B.Sc.	Mechanical Engineering	Yanbu Industrial College. Saudi Arabia, Yanbu	2008

## 3-ACADEMIC EXPERIENCE

Institution	Rank	Title	Dates held	FT/PT
RCYCI	Assistant Professor	HoD-QAAD	2017-Now	FT
Yanbu Industrial College	Assistant Professor	METPC	2016-2017	FT
Yanbu Industrial College	Assistant Professor	MET	2014-2016	FT
Yanbu Industrial College	Lecturer	MET	2008-2014	FT
Yanbu Industrial College	Teacher Assistant	MET	2002-2008	FT

## 4-NON-ACADEMIC EXPERIENCE

Organizations	Title	Duties	Dates	FT/PT
AACC	Mechanical Maintenance Technician	Assembly and Test Technician for aircraft component	2001-2002	FT
SABIC	Mechanical Maintenance Technician	Maintenance of Mechanical Equipment	June-October 2002	FT
CASA VIA	Consultant	Solving a mechanical technical problem in the plant	Summer-2014	PT

## 5-CERTIFICATION OF PROFESSIONAL REGISTRATION

	Qualification Title	Awarding Organization	Date
1	Project Management Professional (PMP),	PMP partner group,Sydney	40 hrs. July

	fundamentals and practices,	, Australia.	2010
2	Faculty Development Program Leadership and Management	PINZ, Education Global Specialist, Yanbu.	April 2015
3	ISO 9001:2008 Internal Quality Auditing	National Inspection & Technical Testing Co.	18-19 Feb. 2015
4	ISO 9001:2008 Documentation	National Inspection & Technical Testing Co.	16 Feb. 2015
5	ISO 9001:2008 Awareness	National Inspection & Technical Testing Co.	15 Feb. 2015
6	ISO 9001:2008 Continual Improvement	National Inspection & Technical Testing Co.	17 Feb. 2015
7	Continuous improvement of processes	Saudi Quality Council (SQC), RCYCI	24-26 Feb. 2015
8	Final Year Project Management (FYPM)	RCYCI	5-16 March 2017
9	Workshop Periodic reports of programs and courses.	Education Evaluation Commission, NCAAA, Riyadh, Saudi Arabia.	12 hrs. December 2018
10	Requirements for achieving quality standards and program accreditation	Education Evaluation Commission, NCAAA, Riyadh, Saudi Arabia.	12 hrs. March 2018
11	Analyze data and questionnaires and use their results to ensure quality and continuous improvement.	Education Evaluation Commission, NCAAA, Riyadh, Saudi Arabia.	12 hrs. March 2018
12	Qualification of applicants for registration in the Saudi Qualifications Framework (SAQF)	Education Evaluation Commission, SAQF, Riyadh, Saudi Arabia.	18hrs. April 2018
13	Registration processes in Saudi Qualifications Framework (SAQF)	Education Evaluation Commission, SAQF, Riyadh, Saudi Arabia.	12 hrs. Feb. 2018

#### 6-MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

	Organization/Society	Membership Level	Date
1	Saudi Council of Engineers (SCE)	Member	2017
2	American Society of Mechanical Engineers (ASME)	Member	2017
3	Saudi Quality Council (SQC)	Member	2018

#### 7-HONORS AND AWARD

	Name of Award/Honor	Awarding Organization	Date
1	Best Postgraduate Research Student	RMIT	2013

## 8-SERVICE ACTIVITIES

	Name of committee	Position	Date
1	Saudi Arabian Qualification Framework (SAQF)	Head of Committee, Colleges and Institutes Sector, Royal Commission at Yanbu.	Since 2017
2	ISO 9001:2008 Certified	Head of Committee, Colleges and Institutes Sector, Royal Commission at Yanbu.	2016-2018
3	ISO 9001:2015 Certified	Head of Committee, Colleges and Institutes Sector, Royal Commission at Yanbu.	2018-Now
4	College Council	Member, Yanbu Industrial College	2015-2016
5	Mechanical Engineering Dept.	Program coordinator , Bachelor Degree.	2015-2016
6	Mechanical Engineering Dept.	Senior Design Project Coordinator	2015-2016
7	Mechanical Engineering Dept.	ISO & Quality Coordinator	2015-2016

## 9-PUBLICATIONS AND PRESENTATIONS FROM PAST FIVE YEARS

Journal Article	
1	<b>Aldawi, F.</b> , Date, A., Alam, F., Khan, I. & Alghamdi, M. (2013). Energy efficient residential house wall system, <i>Applied Thermal Engineering</i> (58)-400-410.
2	<b>Aldawi, F.</b> , Alam, F., Date, A., Alghamdi, M. & F., Aldhawi (2013). A new house wall system for residential buildings, <i>Energy and Buildings</i> (67) 403–418.
3	<b>Aldawi, F.</b> , Alam, F. & Moria, H. (2013). Energy efficient house wall system for arid and moderate climatic regions, <i>Yanbu Journal of Engineering and Science (YJES)</i> , ISSN: 1658-5321. Vol.6. p. 79-90.
4	<b>Aldawi, F.</b> , Moria, H., Mohamad, T. I., & Alam. F. (2016). Comparison between Two Insulating Materials Used in House Wall System for Thermal Performance. <i>Journal of Scientific and Engineering Research</i> , 3(6):312-317. ISSN: 2394-2630.
5	Moria, H., Mohamad, T. I., & <b>Aldawi, F.</b> (2016). Radiation distribution uniformization by optimized halogen lamps arrangement for a solar simulator. <i>Journal of Scientific and Engineering Research</i> , 3(6):29-34. ISSN: 2394-2630.

Conference Proceedings	
1	<b>Aldawi, F.</b> , Alam, F., Date, A., Kumar, A., & Rasul, M. (2012). Thermal performance modelling of residential house wall systems, <i>International Clean Energy Conference, Procedia Engineering</i> , 49 ( 2012 ) 161–168. Sydney, Australia.
2	<b>Aldawi, F.</b> , Moria, H., Alam, F., Date, A. & Akbarzadeh, A. (2011). A smart house wall energy performance study for arid climatic region, <i>Proceedings of the Jordan International Energy Conference (JIEC2011)</i> , 20-22 September, Amman, Jordan.
3	<b>Aldawi, F.</b> , Moria, H., Alam, F., & Akbarzadeh, A. (2011). Thermal performance study of conventional and new house wall systems, <i>International Conference on Mechanical Engineering (ICME2011)</i> , <i>Procedia Engineering</i> , (Paper no: P-017), 18-20 December, Dhaka, Bangladesh.



4	<b>Aldawi, F.</b> , Moria, H., Alam, F., Dixon, C. & Akbarzadeh, A. (2011). Energy star rating of a traditional and innovative residential house, International Conference on Mechanical Engineering (ICMERE2011), Procedia Engineering, (Paper no: P-176), 22-24 December, Chittagong, Bangladesh
5	<b>Aldawi, F.</b> , Alam, F., Khan, I. & Alghamdi, M. (2012). Effect of climates and building materials on house wall thermal performance, 5th BSME International Conference on Thermal Engineering (5thBSME2012), Procedia Engineering, Vol. 56, 2013, Pages 661–666.
6	Alam, F., Chowdhury, H., Moria, H., Fuss, F. K., Khan, I., <b>Aldawi, F.</b> & Subic, A. (2011). Aerodynamics of Contemporary FIFA Soccer Balls, The 5th Asia Pacific Congress on Sports Technology (APCST), 28-31 August, 2011, Melbourne, Australia.
7	Alam, F., Steiner, T., Chowdhury, H., Moria, H., Khan, I., <b>Aldawi, F.</b> & Subic, A. (2011). A Study of Golf Ball Aerodynamic Drag, The 5th Asia Pacific Congress on Sports Technology (APCST), 28-31 August, 2011, Melbourne, Australia.
8	Moria, H., Alam, F., Chowdhury, H., <b>Aldawi, F.</b> , & Subic, A. (2011). Aerodynamic analysis of Speedo Fastskin-I swimsuit. In M. T. Islam (Ed.), Proceedings of the International Conference on Mechanical Engineering and Renewable Energy 2011 (ICMERE2011) (Paper no: P-178). Chittagong University of Engineering & Technology, Chittagong, Bangladesh.
9	Moria, H., Chowdhury, H., <b>Aldawi, F.</b> , & Alam, F. (2013). A cylindrical methodology for the study of fabric aerodynamics. Procedia Engineering, 56, 297-302.
10	Khan, I., Chowdhury, H., <b>Aldawi, F.</b> & Alam, F. (2012). The effect of climate change on power generation in Australia, Proceedings of the International Conference on Thermal Engineering (5th BSME2012), 21–23 December, Dhaka, Bangladesh.
11	<b>Aldawi, F.</b> , & Moria, H., (2016) Science Direct, Energy Procedia, Elsevier, Comparison between Two Insulating Materials Used in House Wall System for Thermal Performance. 1st International Conference on Energy and Power, ICEP2016, 14-16 December 2016, RMIT University, Melbourne, Australia.
12	Moria, H., Iskandar, T., & <b>Aldawi, F.</b> (2016) (2016. Science Direct, Energy Procedia, Elsevier. Towards Spatially Uniform Radiation Distribution of a Halogen Light Solar Simulator by Optimizing Lamps Arrangement and Spacing. 1st International Conference on Energy and Power, ICEP2016, 14-16 December 2016, RMIT University, Melbourne, Australia.
13	Moria, H., <b>Aldawi, F.</b> & Alghamdi, M. (2016) (2016. Science Direct, Energy Procedia, Elsevier. Techno-Economic Feasibility of a Hybrid Solar PV-Wind System for Yanbu, Saudi Arabia. 1st International Conference on Energy and Power, ICEP2016, 14-16 December 2016, RMIT University, Melbourne, Australia.

#### 10-RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES

	Activity	Date	Notes
1	Presentation overview about Saudi Qualifications Framework (SAQF)	25/11/2018	RCYCI
2			