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**Dr. Mohammed Assi Ahmed AL-DUJAILI WCF Combined; Surface & Sub-sea Certified May'08**

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<b>Objective</b>	Leaving behind positive footprints worthy of emulating	
<b>Education</b>	<b>15<sup>th</sup> April, 2008</b>	The University of Manchester, United Kingdom <i>PhD researcher (In view)</i>
<b>Research Interests</b>	Industrial Engineering / Optimization and Quality Control with benefiting from the Knowledge systems; Application of six sigma and quality control. Optimization Engineering PPC and TFM Method and Analysis, Reliability, Availability, Maintenance & safety, Manufacturing engineering , projects engineering, Raw Materials recycling, Construction & Demolition Recycling Association, smart materials recycling facility and Material recovery facility systems and methods.	
	<b>15<sup>th</sup> April, 2012:</b>	University of Manchester, Manchester, United Kingdom-School of Mechanical, Aerospace and Civil Engineering. PhD. Projects Engineering , 2:1
<b>Modules include:</b>	The production specifications audit system through thinking to generate, innovation, learning, excellence in knowledge cognition, knowledge inertia, knowledge acquisition engineering, spending in three types of Decision Support Systems: the group decision support system, executive support system, and the expert system engineering, Information technology, knowledge systems gaps, Engineering of implicit and explicit knowledge systems, Factor analysis, Analysis of the interrater reliability and agreement engineering, Reliability, Optimisation Engineering, Availability, Maintenance and Safety, Neural networks applications ,Productivity and performance measurement, Raw Materials recycling, Construction & Demolition Recycling Association, smart materials recycling facility, Material recovery facility systems and methods and Environmental Sciences Engineering.	
	<b>18<sup>th</sup> March, 2002:</b>	<i>University of Baghdad, Baghdad, Iraq- MSc. Quality Control Engineering , 2:2</i>
<b>Modules include:</b>	The production specifications audit system, reliability engineering, Six Sigma experimental and measurement methods, Utilization of quality control tools, Information technology and project Engineering, ISO 9001, ISO 1400, Quality function deployment engineering, the house engineering of quality and the statistical quality design control, operations research engineering, Environmental Sustainability Engineering and Green-product design, Green operations.	
<b>Thesis:</b>	Effect of Quality Improvement on Productivity: An Empirical Investigation in Textile	

Company.

**Sep. 1989 –June 1992: University of Baghdad, Baghdad, Iraq - 2:3**

**Final Modules include:** Final Modules include: Industrial engineering, Optimization Engineering, Decision support systems, Project Engineering, Statistics, Mathematics, Reliability Engineering, Projects Engineering, Quality Control Engineering, Operations Research Engineering, Environmental Engineering etc.

**The Academic Experience:**

I gave the following courses for B.Sc. and M.Sc. levels;

- 1) Teaching the Vocation Law Subject for the 3rd Stage in Engineering College / Department of Materials Engineering and Department of Mechanical Engineering
- 2) Industrial Engineering. 4th. Year B.Sc. Mechanical. Eng.
- 3) Industrial Engineering. 4th. Year B.Sc. Electrochemical. Eng.
- 4) Industrial Engineering. 4th. Year B.Sc. Ceramics Eng. and Building Materials.
- 5) Statistical Engineering. 2th. Year B.Sc. Ceramics Eng. and Building Materials
- 6) Industrial Engineering. 4th. Year B.Sc. Polymer Eng. and Petrochemicals.
- 7) Advanced Computer M.Sc. Level. Ceramics Eng. and Building Materials.
- 8) The Quality Control Engineering 4<sup>th</sup> Year in the Department of Materials.
- 9) The quality control Subject Al-Kufa University.
- 10) The Computer Science Subject Al-Kufa University.
- 11) Advanced Computer Applications (Optimization). M.Sc. Level. Department of Ceramics Eng. and Building Materials. University of Babylon.
- 12) Process Methods....Diploma Level. Department of Ceramics Engineering and Building Materials/ University of Babylon
- 13) Engineering Statistics 2<sup>th</sup>. Year. B.Sc. Ceramics Engineering and Building Materials/ College of Materials Engineering/ University of Babylon.
- 14) Probability and Engineering Statistics 1<sup>th</sup> B.Sc. Ceramics Engineering and Building Materials, College of Materials Engineering
- 15) Industrial Safety 3th. Year BSc. Department of Chemical Engineering/ Faculty of Engineering/ University of Babylon.
- 16) Operations Research Engineering 3th Year BSc. Department of Mechanical Engineering/ Faculty of Engineering/ University of Babylon.

**Supervision**

1. More than 65 B.Sc. projects in the field of industrial engineering and operation research engineering at Department of Mechanical Engineering / Faculty of Engineering/ University of Babylon. Department of Ceramics Engineering and Building Materials.
2. 12 M.Sc. theses in the fields of ceramics engineering and building materials, optimization, neural networks and algorithm.

**Computer Experience**

I have a good computer experience in both software and programming. I supervised many graduation projects and B.Sc. and M.Sc. theses where computer programs are developed to model many engineering problems by using optimization, neural networks and algorithm.

**Publications**

**Journal Papers**

1. Al-dujaili, Mohammed A. Ahmed, Aswad, Mohsin Abbas and Saud, Amir N, Thermal Conductivity Optimization of Porous Alumina Ceramics via Taguchi Model, Materials Science Forum, Vol. 1002, pp 125-131, 2020,
3. Al-dujaili, Mohammed A. Ahmed, Disher, Imad A & , Hassan, Zainab Zayer , Optimizing the Properties of Metakaolin-based (Na, K)-Geopolymer using Taguchi Design Method, International Journal of Engineering, Transactions A: Basics, Vol. 33, No. 4, P. 631-638, 2020, DOI, [10.5829/ije.2020.33.04a.14](https://doi.org/10.5829/ije.2020.33.04a.14)
4. Al-dujaili, Mohammed A. Ahmed, Disher, Imad A & A. M. Abdullah, Ali M., Utilizing the cold sintering process for sintering the thermally decomposable lead dioxide, Journal of the Australian Ceramic Society,

5. Al-dujaili, Mohammed A. Ahmed, Saud, Amir N. and Aswad, Mohsin Abbas, Synthesis of meso-macro alumina using yeast cells as a bio-template and optimization using a genetic algorithm, International Journal of Applied Ceramic Technology, doi:10.1111/ijac.13359 .
6. Al-dujaili, Mohammed A. Ahmed, Aswad, Mohsin Abbas and Saud, Amir N. Synthesis of Gamma Alumina for Catalyst Support Using Yeast Cell as Pore Forming Agent using Regression Model, Journal of Engineering and Applied Sciences, Vol. 18, No.12-13, 2018., p.1-13
7. Al-dujaili, Mohammed A. Ahmed, Jaheel, Shaker Edrees and Raghda Ibrahim Abdalwahad, Preparation of Hydroxyapatite and Bioactive Glass Ceramic to Get Biocomposite by Using a Genetic Algorithm Method Journal of Engineering and Applied Sciences, Vol.13, No.10 (2018). .
8. Al-dujaili, Mohammed A. Ahmed, Disher, Imad A. & Al-Jabar, Ahmed J. Abed, 2017, Optimization of the Physical Properties of Barium Titanates Using Genetic Algorithm Approach, Journal of the Australian Ceramic Society. P.1-14, Journal of the Australian Ceramic Society (2017) 53:673–686, [Online available](#).
9. Al-dujaili, Mohammed A. Ahmed, Disher, Imad A. & Al-Jabar, Ahmed J. Abed, 2016, Prediction of the Physical Properties of Barium Titanates Using Artificial Neural Network. Journal of Advances in Artificial Neural Systems, Journal: *Applied Physics A Materials Science and Processing*, Vol. 123, No. 4, 274,1-12:, <http://rdcu.be/ql2a>
10. Al-dujaili, Mohammed A. Ahmed, Jaheel, Shaker Adrees & Abbas, Hassanein Nadhim, 2016, Preparation HA/ $\beta$ -TCP Composite by Solid State Reaction of Biological Hydroxyapatite and Brushite and Characterized Compressive Strength by Using Genetic Optimization Method, International journal of Biomaterials.
11. Al-dujaili, Mohammed, Jaheel, Shaker, Abbas, Hassanein (2017) Preparation of HA/ $\beta$ -TCP scaffold and mechanical strength optimization using a genetic algorithm method, Journal of the Australian Ceramic Society, Vol.53, Issue 1, pp 41–48, DOI: 10.1007/s41779-016-0007-5.
12. Jaheel, Shaker, Al-dujaili, Mohammed, Abbas, Hassanein (2016) Optimise of the Mechanical and Physical Properties of HA/ $\beta$ -TCP Scaffold by Using Genetic Algorithm Method, Iraqi Journal for the mechanical Engineering and Materials engineering.
13. Ahmed Jaafer Abed Al-jabar, Al-dujaili, Mohammed, Disher Imad Ali, (2017), Preparation of Barium Titanates with Different Particle Size Distribution through Using Modified Pechini. Journal of Babylon University/ Engineering Sciences/ No.(1)/ Vol.(25), p:1-7
14. DUJAILI, Mohammed (2015), The Role of Knowledge Systems in Supporting Environmental Decision Making Systems: An Empirical Investigation, International Journal of Scientific and Engineering Research (IJSER), Vol. 6, No.3
15. AL-DUJAILI, Mohammed (2015) The Maintenance Programs Enhancement by Using A Monte Carlo Simulation System and Optimisation Method. Under processing.
16. AL-DUJAILI, Mohammed (2014) The role of knowledge engineering systems and neural networks to establish e-government, American Journal of Software Engineering and Applications, ISSN: 2327-2473.
17. AL-DUJAILI, Mohammed (2014) The Role of Companies in Accomplishing Environmental Sustainability Engineering, CHEMICAL ENGINEERING TRANSACTIONS. VOL. 39, 2014, ISBN 978-88-95608-30-3; ISSN 2283-9216.
18. AL-DUJAILI, Mohammed Assi Ahmed, 2014, crossing link point between knowledge Systems and six sigma: A Verification in Manufacturing Industries. The Iraqi Journal for Mechanical and Materials Engineering, Special Issue, ISSN, 1819-2076, pp; 186-.
19. AL-DUJAILI, Mohammed (2013) The Role of Knowledge Engineering Systems and Neural Networks to Establish E-Government, CHEMICAL ENGINEERING 35, ISBN 978-88-95608-26-6; ISSN 1974-9791.Grees.
20. AL-DUJAILI, Mohammed, (2013) Study of the Relation between Types of

- the Quality Costs and Its Impact on Productivity and Costs: A Verification in Manufacturing Industries. *International Journal of Total Quality Management and Business Excellence*. Vol. 24, No.3-4 ID: 669552 DOI:10.1080/14783363.2012.669552.
21. AL-DUJAILI, Mohammed, (2012) Influence of Intellectual Capital in the Organisational Innovation. *International Association of Computer Science and Information Technology Press (IACSIT)*, Vol. 3, No. 2. ISSN: 2010-0248.
  22. AL-DUJAILI, Mohammed, (2011) Integration Between Engineering and Knowledge Systems: Evaluation Of Performance Of A Wastewater Treatment Plant In A Textile Company, *International Journal of Mechanics Engineering and Automation*, Vol. 1, No.3.pp.235-244. ISSN: 2159-5275.
  23. AL-DUJAILI, Mohammed, (2011) Engineering Quality and Knowledge Systems: An Appraisal for Improving the Spinning Stage, *International Journal of Mechanics Engineering and Automation*, Vol. 1, No. 4.pp.267-284. ISSN: 2159-5275.
  24. AL-DUJAILI, Mohammed, (2011) Empirical Investigation for Diagnosis of Knowledge Gaps: A Case Study: In Industrial Companies, *International Journal of Industrial Marketing*, Vol. 1, No.1.pp. 21-62. ISSN 2162-3066. DOI: 10.5296/ijim.v1i1.789.
  25. AL-DUJAILI, Mohammed, (2011) The Role of Knowledge Systems in the Corporate Decision Making Process: an Empirical Investigation, *chemical Engineering Transaction, Italy*, Vol. 25, pp. 489-494. ISBN978-88-95608-16-7 ISSN 1974-9791. DOI: 10.3303/CET1125082.
  26. AL-DUJAILI, Mohammed (2011) Knowledge Systems A Tool for Supporting Decision Making Process And Performance, *International Journal of Clean Technologies and Environmental Policy (Springer)*, Vol.1, No. 3. 2011.
  27. AL-DUJAILI, Mohammed, (2011) Knowledge Systems: A Catalyst for Innovation and Organizational Learning Support in Decision-Making for Efficiency Improvement, *International Journal of Human Resource Studies*, Vol. 1. No.1. pp.1-31. ISSN 2162-3058. DOI: 10.5296/ijhrs.v1i1.825.
  28. Alenzi, Kassim Mohammed and AL-DUJAILI, Mohammed (2007) The effect of Benchmarking on the behavior of customer/application study. *Journal of University of Kufa*, Vol.3, No.3.
  29. DUJAILI, Mohammed (2006), The Quality application problems through the concentration on the Determination of effective factors at the in the Automotive industry, *Journal of Al-Gharee*, Vol. 2, No.7;7-37
  30. AL-DUJAILI, Mohammed (2006) Calculation of the machines productivity reliability: A Study in the tyres industry company. *Journal of University of Al-qadisiya*, Vol.3, No.2.
  31. DUJAILI, Mohammed (2005) Using Quality engineering in production-an applied study in the General Company of Textile Industries, Iraq, *Journal of Kufa University*, Vol. 4, No.3.
  32. DUJAILI, Mohammed (2005) Time measurement as method for the purpose of exploitation of Labor force in the operations non-stylistic: Case study in the automotive industry, *Journal of Al-Gharee*, Vol.9, No.4: 49-70.
  33. AL-DUJAILI, Mohammed (2012), The relationship between perceived quality control and the productivity engineering to improve of textile industry in Iraq.

#### **Conference / Presentation Papers**

1. Al-dujaili, Mohammed A. Ahmed, Aswad, Mohsin Abbas & Saud, Amir Najah, (2017) Preparation of Macro- Porous Alumina via Organic Additive and Characterizations Physical Properties by Using a Genetic Algorithm Method, 17 IEEE First International Conference on Recent Trends of Engineering Science and Sustainability. University of Baghdad, [1st-ijrtess-2017]. May 17-19, 2017.
2. Al-dujaili, Mohammed A. Ahmed, Adrees, Shaker Jaheel & Abdalwahad, Raghda Ibrahim, (2017), Preparation of Hydroxyapatite and Bioactive Glass Ceramic to Get Biocomposite by Using a Genetic Algorithm Method, 2017 Second Al-Sadiq International Conference on

Multidisciplinary in IT and Communication Science and Applications  
(2nd-AIC-MITC'17)

3. Al-dujaili, Mohammed A. Ahmed, Alhydari, Imad A. Disher & Abdalhussien, Montaha, Development of Green Gel Casting Technique for the Manufacturing of YSZ Ceramics through Using Statistical Model. 6<sup>th</sup> international Conference Environmental Science, 19-20 October, 2016, Environmental research Center, University of Babylon, Iraq.
4. Jaheel, Shaker, Al-dujaili, Mohammed, Abbas, Hassanein (2015) Optimise of the Mechanical and Physical Properties of HA/ $\beta$ -TCP Scaffold by Using Genetic Algorithm Method, International Scientific Conference of the Faculty of Engineering/ University of Babylon, Iraq, 22-23, December, 2015..
5. The Maintenance Programs Enhancement by Using A Monte Carlo Simulation System and Optimisation Methods, the third international scientific conference, 20-21 May 2015, The College of Material Engineering, University of Babylon, Iraq
6. AL-DUJAILI, Mohammed (2014). The Role of Companies in Accomplishing Environmental Sustainability Engineering, 17<sup>th</sup> Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, 23-27 August 2014, Prague, Czech Republic.
7. AL-DUJAILI, Mohammed (2013) The Role of Knowledge Engineering Systems and Neural Networks to Establish E-Government, 16<sup>th</sup> Conference Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, 29 September - 2 October 2013, Rhodes, Greece.
8. AL-DUJAILI, Mohammed, (2012) Crossing link point between knowledge Systems and six sigma: A Verification in Manufacturing Industries. Special issue for the papers presented in the second international scientific conference of the college of material engineering, 15-16 May 2013.
9. AL-DUJAILI, Mohammed (2011) Knowledge as A Catalyst for Innovation and the Organizational Learning to Support Decision-Making for Efficiency improvement, International Conference on ECKM 2011, 1-2 September, Passau, Germany.
10. AL-DUJAILI, Mohammed, (2011) The role of knowledge systems in the corporate decision making process: an empirical investigation, 14<sup>th</sup> Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction 8 – 11 May 2011, Firenze, Italy .
11. AL-DUJAILI, Mohammed (2011), Relationship between Knowledge Systems, Productivity and Quality Control: An Investigative Study, The 10<sup>th</sup> international Research Conference on Quality, Innovation and Knowledge, 15–18 February 2011, Monash University, Kuala Lumpur, Malaysia 413-423.
12. AL-DUJAILI, Mohammed (2011) Relationship between Knowledge Systems, Productivity and Quality Control: An Investigative Study, paper is presented in 10<sup>th</sup> International Research Conference on Quality, Innovation and Knowledge, 15 - 18 February 2011, Monash University, Australia, Malaysia, pp. 413-423.
13. AL-DUJAILI, Mohammed (2010), An Empirical Investigation into the Role of Knowledge Management on Effective Corporate Decision Making: theoretical discussion and empirical experiences, Proceedings of ICFD 10: Tenth International Congress of Fluid Dynamics December 16-19, 2010, Stella Di Mare Sea Club Hotel, Ain Soukhna, Red Sea, Egypt.

#### **Book Authorship**

Quality Control systems in production and service organizations, AL-Yazori publishing House / ISBN: 978-9957-12-196-9, 2010, Jordan kingdom

Current Advances in Materials Applications, Current Advances in Materials, BISAC: MED000000, TEC009070, TEC021000, ISBN-13 (softcover): 9783035717518 , ISBN-13 (CD): 9783035727517, ISBN-13 (eBook): 9783035737516, 2020, p. 656

**Applications**  
**Edited by**  
**Omar Dahham**  
**Nik Noriman Zulkepli**

**Scientific training Courses for  
the staff in the manufacturing  
companies**

1. A Two Weeks Course for Engineering systems of Quality control/ the General Company for Transforming the Electricity Power .
2. A two Weeks Course for Operations Research Engineering Programs (Gantt charts, Critical path method/ the General Company for Transforming the Electricity Power.
3. A Three Weeks Course for the Projects Management Engineering in Babylon University.
4. A Two Weeks Course for the Statistical process control/ automotive industry company.
5. A One week Course for the Reliability engineering/ Textile Company.
6. A One week Course for the Health Safety and Environment (HSE), academic staff at the University of Babylon/ Facility of Medicine

**The Committees and  
Feasibility Studies**

1. A member of Committee to Create the Maintenance Services Department in Babylon University.
2. A member of (International Monterey fund) assent Committee to enter its Programs which aim to develop the Iraqi Economy.
3. Submitting a feasibility Study to Establish a Bricks' Factory Financed by (International Monterey Fund).
4. Submitting a Feasibility Study to Establish a Cement factory Financed by (International Monterey Fund).
5. Submitting a feasibility Study to Establish Blacktop factory Financed by (International Monterey Fund).

**The Administrative Positions**

1. Director of the registration Division/ Faculty of Engineering/ University of Babylon from 2003 to 2004.
2. Director of the Documentations and Certifications for the Postgraduate Studies and Undergraduate/ Faculty of Engineering/ The University of Babylon from 2003 to 2004.
3. Member of the Examinations Committee at Faculty of Engineering/ Department of Mechanical Engineering from 2000 until 2004. Then, Member of the Examination Committee at Faculty of Engineering/ Department of Materials Engineering from 2004 until 2007.
4. Director of Center of Continuing Education and Staff Development at the University of Babylon on 27/4/2013, and as yet.
5. Chairman of Examinations Committee at Department of Ceramics Engineering and Building Materials/ Faculty of Materials Engineering from 2013 until 2015
6. Head of Division of E-Learning at Faculty of Materials Engineering/ the University of Babylon from 9/2015 until now.
7. The Rapporteur of Scientific Committee and Postgraduate/ Department of Ceramics Engineering and Building Materials/ Faculty of Materials Engineering from 01/09/2016 and as yet.
8. Rapporteur of the Session at International Conference of Environmental Science, 19-20 October, 2016, Environmental research Center, University of Babylon, Iraq.
9. Cluster computer Official of the Ceramics Engineering and Building Materials.

**Scientific Courses at University  
of Manchester, UK**

**Professional  
Training/C  
ertification**

1. Environmental Assessment (2008-2009)
2. Projects Engineering Methods (2008-2009)
3. Mathematics advance and Statistics advance
4. Artificial Reliability Engineering
5. Optimized Process for Detailed Design Engineering
6. Plant Layout Design
7. Primavera Enterprise Project Portfolio Management (EPPM)
8. Optimisation Engineering and Operation Research Engineering
9. Quality Control, Six Sigma and Process Capability
10. Neural Networks ,Fuzzy Systems and Information Technology (2008-2009)

**Patent**

holds a patent issued by the central organization for standardization on quality control 2019

- 17<sup>th</sup> Nov. 2009** - Staff Training & Development Unit  
Graduate Teaching Assistant Training
- 18<sup>th</sup> April 2008** -Introduction to Research in the University of Manchester, Faculty of Engineering and physical Sciences
- 10<sup>th</sup> Nov.2008** - Academic Writing / University of Manchester
- 5<sup>th</sup> Des.2008** - Effective Presentations Workshop
- 19<sup>th</sup> Aug.2009** - LabVIEW Software
- 15<sup>th</sup> April. 2009** - CFD workshop
- 27<sup>th</sup> April. 2009** - MATLAB software
- 13<sup>th</sup> September, 2009:** - *Certificates in Project & Operations Engineering*
- 20<sup>th</sup> Jan.2010** - Computational Fluid Dynamics
- 7<sup>th</sup> October 2014** - Workshop Outline: 'PASS Demystified'(PASS: Peer Assisted Study Scheme)  
Heads of School, Senior Tutors, Lecturers, and Teaching Fellows/ University of Manchester/ United Kingdom
- Starting a Business Workshop.
- Workshop about Learn Best Practice at University of Northampton, United Kingdom from 25/09/2015 until 02/10/2015
- Workshops around teaching and learning, research methodologies and PhD supervision with additional individual discipline specific activities, University of Northampton, United Kingdom from 15/02/2015 until 15/03/2015.

**Academic Roles**

**Editorial Roles**

**Board member and reviewer**

- Science Journal of Energy Engineering, USA,
  - website: <http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=269>
  - American Journal of Environmental Engineering and Science, USA.
- Website: <http://www.aascit.org/journal/editorial?journalId=924>
- Science Research Association, Item number: 1101547- Senior Member, USA.

**Reviewer in the following World Scientific Journals**

1. International Journal of Mechanics Engineering and Automation/ USA
2. Materials Research Express, [United Kingdom](#), Publisher, IOP Publishing Ltd
3. Nanotechnology , United Kingdom, Publisher, IOP Publishing Lid
4. Surface Topography: Metrology and Properties, United Kingdom, Publisher, IOP Publishing Lid
5. World Journal of Engineering, THOMSON REUTERS
6. International Journal of Energy and Power Engineering/ USA
7. International Journal of Industrial Engineering/ Canada.
8. International Journal of Clean Technologies and Environmental Policy. USA. Springer, SCOPUS, THOMSON REUTERS, ScienceDirect, CET has significant contribution to the *h*-index in Scopus, available online at Sciencedirect
9. International Journal of Cleaner Production. USA. Elsevier, SCOPUS, THOMSON REUTERS, ScienceDirect, CET has significant contribution to the *h*-index in Scopus, available online at

Science direct.

10. Journal of Industrial Engineering International. Springer, SCOPUS, THOMSON REUTERS, ScienceDirect, CET has significant contribution to the h-index in Scopus, available online at Sciencedirect.
11. International Journal of Industrial Ergonomics. USA. Springer, SCOPUS, THOMSON REUTERS, ScienceDirect, CET has significant contribution to the h-index in Scopus, available online at Sciencedirect.
12. International Journal of Environmental Protection and Policy- Science PG, USA
13. journal of American Journal of Environmental Engineering and Science
14. The Iraqi Journal for Mechanical and Materials Engineering, University of Babylon, Iraq
15. Journal of Babylon University, Iraq
16. Engineering & Technology Journal, University of Technology, Iraq

#### **Reviewer in the International Conferences**

1. Conference Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction/ Italy.
2. The 3rd International Conference on Biomedical Engineering and Biotechnology (iCBEB2014) The Exhibition on Pictotechnology and Equipment, Beijing, China
3. International Science Conference - University of Babylon ( M.Sc. 2020) University of Babylon
4. International Science Conference - University of Babylon (Higher Diploma, 2020) of Babylon.
5. International Conference - University of Babylon (M.Sc.2019)
6. International Conference Center, University of Babylon (Higher Diploma 2019) nmental research
7. International Conference Center, University of Technology (Ph.D. 2018) nmental research
8. International Conference Center, University of Technology (M.Sc. 2018)
9. Review at the 5th China. - University of Technology (M.Sc. 2018)
10. Eleventh International Cambridge University - University of Kufa (M.Sc. 2018) ing (CMSE 2016).
11. International Conference - University of Babylon (M.Sc. 2018)
12. International Conference - University of Babylon (Higher Diploma 2018) g - ISE 2018,
13. International Conference - University of Babylon (Higher Diploma 2018)
14. International Conference - University of Babylon (M.Sc. 2017)
15. International Conference - University of Baghdad (M.Sc. 2017)
16. International Conference - University of Kufa (M.Sc. 2016)
17. International Conference - University of Technology (M.Sc. 2016)
18. International Conference - University of Babylon (M.Sc. 2016)
19. International Conference - University of Babylon (M.Sc. 2016)
20. International Conference - University of Babylon (M.Sc. 2016)

#### **1. External and Internal**

#### **2. Professional Association:**

- Member; Institution of Innovation, USA
- Member; Energy Institutes (EI), Iraq
- American Association for Science and Technology (AASCIT), membership number is 1003821,US
- IEEE membership/ number: 94415604/ Order number: 1-9968468986

#### **Hobbies**

I enjoy going to the gym & generally keeping fit, Swimming & Playing of Football