Dr. Omer Saleh Mahmod Jomah Ph.d., M.Sc., B.Sc., D.P.T.M

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immer.jomah@gmail.com , omer.jomah@academy.edu.ly,

Experiences

1 -   **2021** till date

Director of E-learning and distance learning Center

Libyan Academy for Postgraduate Studies

2   *- Duration*   **2017 – 2021**

Director of EITRC - LIBYA

General director of Eng, and IT Research Center- LIBYA

3   Duration   **2016 – 2017**

International cooperation committee member at Bani Walid University

4   *Durations*   **2012 – 2015**

Post   Director of Post graduate cum Research and Development & Head of Faculty of Education & Head of the Computer Science Department

Work Institution   Faculty of Education, Bani Walid, Libya

Description   ❖ Administrating Department of Computer Science
❖ In charge of R & D Lab
❖ Handling classes
❖ Guided final year projects

5   *Durations*   **2006 – 2007**

Post   Assistant Lecturer

Work Institutions   Department of Computer Science, Faculty of Education, Bani-walid, 7 October University, Libya.

Description   Teaching Computer hardware

6   *Durations*   **2005 – 2006**

Post   Assistant Lecturer

Work Institutions   The Higher Centre for Comprehensive Professions, Messallata, Libya

Description   ❖ Teaching Digital Electronics and Introduction to Computers

7   *Durations*   **2000-2001**

	Post	Engineer at the Control Centre Operating control room
	Work Institution	General Electrical Company, Tripoli (Libya)
	Description	❖ Computer Engineer in the main Control Room
8	*Durations*	**1996 – 2000**
	Post	Assistant Engineer (Lab)
	Work Institution	Higher Institute of Electronics, Beni Walid, Libya
	Description	❖ Working in the Control Engineering Laboratory ❖ Assistant Lecturer(Lab)

Education

1	*Degree*	**Ph.D.**
	Specialist	**Automatics and Robotics**
	Duration	2008-2012
	University	AGH University of Science and Technology Republic of Poland
2	*Degree*	**Master of Science**
	Specialist	**Electrical and Computer Measurement**
	Duration	2002 – 2004
	Institution	AGH University of Science and Technology Republic of Poland
	University	University of Technology, Krakow Poland
	Result	Very Good
3	*Degree*	**Bachelor of Science**
	Specialist	**Department of Control System and Measurement**
	Duration	1991 – 1995
	Institution	Higher Institute of Electronics, Beni walid, Libya

Additional Qualification

1   One year proficiency course in German language GOETHE INSTITUT
2001 – 2002

2   One year proficiency course in English language Gama Bell School 2002-2003

3   Training Diploma in Planning and Time Management System (Concept, Skills &
Features) 2012-2013
Canada Global Centre consulting and Training

4   Training on Innovation in Teaching and Learning in Higher Education During

the Corona Era conducted from 20 – 22 November 2020

the Arab-German Young Academy of Sciences and Humanities (AGYA)

and the Palestine Polytechnic University (PPU)

5   Training on CONFLICT ANALYSIS AND STAKEHOLDER MAPPING

20 – 24 September   2020 UNDP

6   Research Management with Elsevier Platforms (300 minutes) at North Africa,

On 26 May, 2021

7   Online Training of Trainers on CONFLICT REDUCTION STRATEGY DESIGN

30 May – 3 June 2021 UNDP

8   Training on PROJECT IMPLEMENTATION AND PROJECT TECHNICAL REPORTING

25 – 29 May 2021 UNDP

9   participated in scientific webinar entitled: "Scientific Research: Problems and

Observations "Held via the online Platform On 12 March, 2021, Duration: 2 Hours

Academics & Researchers Platforms (IFAD)

Publications

S. No.	Paper Title	ISSN / ISBN / Paper ID	Conference / Journal	International /National	Venue
1	Adaptive Controller Design for DC Drive System Using Gradient Technique	978-960-474-120-5	2n International Conference Maritime and Naval Science and Engineering	International	Transilvania University of Brasov, Romania
2	Design and Fabrication of an Intelligent Gate System	978-960-474-214-1	3rd International Conference Design and Modeling of Mechanical Systems	International	Hammamet, Tunisia
3	A Nelder-Mead-type algorithm for discrete optimization	ECCO XXIII – CO 2010	European Chapter on Combinatorial optimization	International	Malaga Spain
4	Design and Fabrication of an Automatic window Cleaning Robot	978-960-474-157-1	9th WSEAS International Conference on Signal Processing, Robotics Automation	International	Cambridge, UK
5	Adaptive PID Controller for Dc Motor Speed Control	2278-7461	International Journal of Engineering Inventions	International	www.ijeijournal.com
6	E-Gov. in Hand A Proposal for M-Services in Libya	51	International conference on E-Governance	International	Tripoli, Libya
7	Adequency of mashup ple with learning methodologies	978-88-7587-686-9	Social media in academic and research	International	Romania, Europe
8	Classification for Object-Oriented cohesion metrics	2277 – 9043	International Journal of Advanced Research in Computer Science and Electronics Engineering	International	India

9	Versatile networking for Academia – Netsupport School A case study	978-9957-81-222-5	First International conference on information and communication technology and improving performance in educational institutions	International	Jordan
10	Simulation based learning and training for neural engineering education	978-9957-81-222-5	First International conference on information and communication technology and improving performance in educational institutions	International	Jordan
11	EBELP-5 *A Proposal for Effective Primary Education through e-Learning*	-	International Conference on enhancing primary education system in Libya	International	Baniwalid, Libya
12	Interactive technologies for Smart primary education system	-	International Conference on enhancing primary education system in Libya	International	Baniwalid, Libya
13	A Survey on Mobile Augmented Reality Based Interactive Storytelling	IJETST-Volume||01||Issue||05||Pages 567-578||July||ISSN 2348-9480	International journal of Emerging Trends in Science and Technology	International	India

14	Mobile Augmented Reality and Interactive Storytelling Concepts, Integrations, Limitations and future.	ISSN: 2319 -2682 Vol.27, No.27, July 2014	International Journal of Advanced Information Science and Technology	International	India
15	All in One Tracking Method for Mobile Augmented Reality System		Social Media in Academia: Research and Teaching (Smart 2014)Romania , September 11-13	International	Romania, Europe
16	Mobile Augmented Reality and Location based service	ISBN: 978-1-61804-237-8	Advances in Information Science and Application-Volume II	International	EUROPMENT Conferences in Santorini Island, Greece, July 17-21, 2014
17	Mathematical Model for Object Oriented Class Cohesion Metric-MCCM	ISBN: 9781-61804-237-8	Advances in Information Science and Application-Volume II	International	EUROPMENT Conferences in Santorini Island, Greece, July 17-21, 2014
18	A Survey on Mobile Augmented reality based interactive, Collaborative and Location based storytelling	ISBN: 9781-61804-247-7 ISSN 2227-4588 ppno 197-205	Mathematics and Computers in Science and Industry 2014	International	Mathematics and Computers in Science and Engineering Series 31

19	Mobile Augmented Reality and Interactive Storytelling	ISBN: 978-1-61804-247-7 ISSN: 2227-4588 Ppno: 332-337	Mathematics and Computers in Science and Industry 2014	International	Mathematics and Computers in Science and Engineering Series 31
20	A Novel Approach for Interactive mobile Augmented Reality System	ISBN: 978-960-474-399-5 Ppno: 313-316	Recent Advances in Electrical and Electronic Engineering	International	
21	Integrated Development Environment for Remote Application Platform	ISBN: 978-1-61804-247-7 ISSN: 2227-4588 Ppno:159-166	Mathematics and Computers in Science and Industry 2014	International	Mathematics and Computers in Science and Engineering Series 31
22	Implementation for Model of Object Oriented Class Cohesion Metric - MCCM	ISBN: 978-1-61804-237-8	Advances in Information Science and Application-Volume II	International	EUROPMENT Conferences in Santorini Island, Greece, July 17-21, 2014

23	Stochastic Method and Sensitivity Analysis Assessments for Vehicle-to-Home Integration based on Renewable Energy Sources	DOI: 10.1109/MI-STA57575.2023	2023 IEEE 3rd International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering (MI-STA)	International	**https://ieeexplore.ieee.org/document/10169210** **Benghazi, Libya**
24	A comparison of Pattern Recognition Approaches for Recognizing Handwriting in Arabic Letters	DOI: 10.1109/MI-STA52233.2021.9464483	2021 IEEE 1st International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering MI-STA	International	**https://ieeexplore.ieee.org/document/9464483** **Tripoli, Libya**
25	Vehicle Yaw Rate Control For Lane Change Maneuver Using Fuzzy PID Controller And Neural Network Controller	DOI: 10.1109/ICECOCS50124.2020.9314541	2020 IEEE 2nd International Conference on Electronics, Control, Optimization and Computer Science (ICECOCS)	International	**https://ieeexplore.ieee.org/document/9314541** **Kenitra, Morocco**
26	Modeling and Control of Car Active Suspension System Using a Neural Network-based Controller and Linear Quadratic Regulator Controller	DOI: 10.1109/ICECOCS50124.2020.9314426	2020 IEEE 2nd International Conference on Electronics, Control, Optimization and Computer Science (ICECOCS)	International	**https://ieeexplore.ieee.org/document/9314426** **Kenitra, Morocco**

27	Comprehensive State-of-the-Art of Vehicle-To-Grid Technology	DOI: 10.1109/MI-STA57575.2023.1016911 6	2023 IEEE 3rd International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering (MI-STA)	International	**https://ieeexplore.ieee.org/document/10169116** **Benghazi, Libya**
28	Feature Selection for Fault Diagnosis Using Principal Component Analysis	DOI: 10.1109/ICEST58410.2023.10187366	2023 58th International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST)	International	**Nis, Serbia**
29	Expert System to Improve and Develop Mathematic Teachers Skills	DOI: 10.1109/IC_ASET58101.2023.10151424	2023 IEEE International Conference on Advanced Systems and Emergent Technologies (IC_ASET)	International	**https://ieeexplore.ieee.org/document/10151424** **Hammamet, Tunisia**
30	Understanding the Threat Posed by Chinese Cyber Warfare Units	DOI: 10.1109/MI-STA57575.2023.1016949 6	2023 IEEE 3rd International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering (MI-STA)	International	**https://ieeexplore.ieee.org/document/10169496** **Benghazi, Libya**
31	Towards Net Zero Energy Buildings for Sustainability	Online ISSN: 2957-644X	African Journal of Advanced Pure and Applied Sciences (AJAPAS)	International	**Online** **https://aaasjournals.com/index.php/ajapas/index**

32	المستودعات الرقمية بالكليات التقنية الليبية الواقع والمأمول Digital repositories in Libyan technical colleges: reality and hope	ISSN :0330 – 7042 المجلة العربية للمعلومات.	المنظمة العربية للتربية والثقافة العلوم	International	**Online** **المجلة** **العربية للمعلومات**
33	Enervative Automatic Inquisition for Macro Learning	مجلة المعرفة – كلية التربية – جامعة بني وليد العدد السابع	كلية التربية – جامعة بني وليد	National	**العدد السابع – مجلة المعرفة**
34	ادراج مشاريع التخرج من ضمن موارد المكتبات الرقمية بالكليات التقنية كنموذج للإسهام المعرفي والتطبيقي لتكنولوجيا المعلومات	فسم المكتبات- كلية الآداب- جامعة طبرق	المؤتمر العلمي الاول الاسهام المعرفي والتطبيقي لتكنولوجيا المعلومات والاتصالات في تخصص المكتبات والمعلومات	National	**Info.lisconf@t u.edu.ly**
35	Design of Wireless Communication Network for the Idref Automated Control System II; Advancing Connectivity in the City of Rujban	مجلة الأكاديمية للعلوم الأساسية والتطبيقية	مجلة الأكاديمية للعلوم الأساسية والتطبيقية	National	**https://ajbas.a cademy.edu.ly /ar/j/issues/55**
36	Accuracy Comparison between F-RLS algorithm for CARAR systems and F-RLS algorithm for CARARMA systems	Academic Journal of Science and Technology	Academic Journal of Science and Technology	National	**https://ajost.jo urnals.ly/ojs/i ndex.php/1/ar ticle/view/50**

37	**Simulating Photovoltaic Emulator Systems for Renewable Energy Analysis**	**DOI:** 10.1109/MI-STA61267.2024.10599755	2024 IEEE 4th International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering (MI-STA)	International	**https://ieeexplore.ieee.org/document/10599755**
38	**Assessing Random Power Flow for Vehicle-to-Grid Operation Based on Monte Carlo Simulation**	**DOI:** 10.1109/MI-STA61267.2024.10599756	2024 IEEE 4th International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering (MI-STA)	International	**https://ieeexplore.ieee.org/document/10599756**
39	**Micro learning: A modernized education system**	**BRAIN. Broad research in artificial intelligence and neuroscience**	**BRAIN. Broad research in artificial intelligence and neuroscience**	International	**Vol. 7 No. 1 (2016): BRAIN - Broad Research in Artificial Intelligence and Neuroscience**

Technical Skills

Software	Mat Lab, Math Cad
Programing Skills	C, C++
GUI	Visual Basic
Web	HTML, Internet Security
Digital Design Software	Electronic Workbench

Seminars and Workshops

- *Global Optimization Methods for Solving Multicriteria Optimal Control Problems october 2008*
- Generalization of Nelder-Mead Algorithms for Optimal Control april 2010
- Solving Multicriteria Optimal Control Problems Using Nelder-Mead-Type Algorithms
- National level workshop on, "The Horizon of Development in Bani Walid", September 2011
- National level workshop on" Enhancing primary education system in Libya", December, 2013

● Memberships

International association of Engineers.   Membership number: 143005

AL Salam Bani walid Charity Organization - Libya: Member and Director of the Organization's Research and Development Office.

Libya Monitor Center for Dialogue and Peace building - Libya

Maman Peace building Organization - Libya

Regional Network for Reconciliation and Forgiveness in the Arab World - Member and representative of the network in Libya.

Local Mediators Organization - Libya

Linguistic Competence

Mother Tongue	Arabic			
Languages	**Arabic**	**English**	**German**	**Polish**
Reading skill	Excellent	Very good	Good	Good
Writing skill	Excellent	Very good	Good	Okay
Speaking skill	Excellent	Very good	Very good	Good

Personal Profile

Nationality	Libyan
Sex	Male
Marital status	Married

Passport Details	*No.*	: AB648056
	Place of Issue	: Tripoli, Libya
	Valid up to	: 10-01-2030

e-Mail	immer.jomah@gmail.com omer.jomah@academy.edu.ly

Hereby I declare that all the above statements are true to my knowledge

Yours Faithfully

(Dr. Omer Saleh Mahmod Jomah)