Faculty Curiculum Vitae

Name	Nationality	
Dr. Ali A. Titinchi	Iraqi	

Contact	Email	Address
PHONE +968 95483863	Ali.abdulhafidh@unizwa.edu.om	Electrical & Computer Engineering College of Engineering University of Nizwa

Education

Degree/ Institutes	Discipline	Year
PhD- University of Technology - Baghdad - Iraq	Computer Engineering	1993
MSc- University of Technology - Baghdad - Iraq	Computer Engineering	*1987*
BSc- University of Baghdad – Baghdad-Iraq	Electrical Engineering	1980

Academic experiences

Institute	Rank	Periods
University of Nizwa, Oman	Asistant Professor	2012-till date
Applied Science University , Jordan	Asistant Professor	1994-2012
Al-Mansour University, Iraq	Lecturer	1993-1994

Professional Membership

Symposium on Engineering Final Year Projects (Scientific Reviewing Board), University of Nizwa/Oman	Member	2015-till date

Honor and Awards

1) Award of Best Paper titled "**An efficient Controller for Classroom Air Conditioning System Basing on Daily Teaching Schedule** " , adapted from Graduated Final Year Project , 2019

2) Award of Best Paper titled "**Multiprocessor based controlling of Transportation line in a Manufacturing System** " adapted from Gratuated Final Year Project , 2017

Service committee outside and Inside University

Departmnet Board	University of Nizwa	2012-till date
College Board	University of Nizwa	2017-till date
Symposium of Graduated FYP Committee	University of Nizwa	2015-till date
Contribution to Culure Week	University of Nizwa	2015-till date
Risk Management Committee	University of Nizwa	2016-till date
Industrial Traning Committee	University of Nizwa	2016-2018
Computer Eng. Dept. Final Year Projects (Organizer)	University of Nizwa	2016-2017

Patents: Local and International

Journal Publications –Important publications

1- **Nasser Halasa, Ali A. Titinchi, "An Efficient FPGA Circuit Design for speeding up Cache LRU Replacement Algorithm", International Journal of Computer Applications, Vol 136, pp. 41-45-, 2016.**

2- **Nasser Halasa, Ali A. Titinchi, "Design of a cache system controller for Processors Using FPGA", Journal of Computer Applications and Information Technology,Vol. 3, No. 1, pp. 29-36 , 2010.**

3- **Ali A. Titinchi, Kasim Al-Aubidy, "Modeling and Analysis of an On-Line FMS Scheduler using CPNs" , IJCIS journal, Vol. 2, No. 2, pp. 74 – 83, 2004.**

4- **Ali A. Titinchi, Kasim Al-Aubidy, "A Hierarchical Manufacturing Route Planner based on Heuristic algorithm: Design and Evaluation" , SAMS journal , Vol. 42, pp. 1119-1141, 2002.**

5- **Ali A. Titinchi, Adnan Al-Anbaki, " Toward Task Level Robotic language" , Al-Basra University Journal , pp. 25-33, Iraq, 1993.**

1. **Books: 1 book published entitled " Fundamental of operating systems" , 2015**

Conference International and National

1- **Ali A. Titinchi, Nasser Halasa, "FPGA implementation of simplified Fuzzy LRU replacement algorithm", 16th International Multi-Conference on Systems, Signals & Devices (SSD'19), Turkey, 2019**

2- **Ali A. Titinchi , Sabah Al-faliti , Mariya Al-harrasi , "Training Kit for Embedded System Lab", 9th National Symposium On Engineering Final Year Projects, pp. 467-473, Oman,2019.**

3- **Wameath Abdul-Majeed, Ali A. Titinchi, Asiya Al-Hooti, Rana Al-Manwari , "AN INDUSTRIAL CHEMICAL PROCESS CONTROLLING BASED ON LOW COST ARDUINO BOARD SYSTEM" , 9th National Symposium On Engineering Final Year Projects, pp. 80-86, Oman,2019.**

4- **Ali A. Titinchi, Fatema Al-yahyaee , Suaad Al-salmani, "Door Lock Security System" , 8th National Symposium On Engineering Final Year Projects, Oman, 2018.**

5- **Secured Timing Controller for Classroom Air-Conditioning System, International Conference on Energy, Water, Environmental Sciences, Ras Al-Khaimah,UAE, 2018.**

6- **Ali A. Titinchi, Zamzam Ali Al-Balushi ,Aziza Khalfan AL-Rawahi, " Multiprocessor based controlling of Transportation line in a Manufacturing System" , 7th National Symposium On Engineering Final Year Projects, pp. 261-270 , Oman, 2017.**

7- **Ali Titinchi, Eman Ali Al-Amri , "Level monitoring with pumping control for water tank system" , 4th National Symposium On Engineering Final Year Projects,University of Nizwa, Oman, 2014.**

8- **Ali A. Titinchi, Munaf S. N. Al-Din, " Cache Replacement Policy Based on Fuzzy Decision System" , International Middle Eastern Multiconference on Simulation and Modeling, Jordan, 2008.**

9- **Karim Al-Joubori, Ali A. Titinchi, Kasim Al-Aubidy, "A Real-Time Hierarchical Controller for Robots in Flexible Manufacturing Systems" , Tunisian-German Conference, Smart Systems and Devices, Tunisia, 2001.**

10- **Ali A. Titinchi, Kasim Al-Aubidy, "A Hierarchical Manufacturing Route Planner based on Heuristic algorithm, International Conference on Artificial and Computational Intelligence for Decision, Control and Automation in Engineering and Industrial Applications , Tunisia, 2000**

11- **Ali A. Titinch, Kasim Al-Aubidy , "Modeling an Interactive FMS Scheduler Using Colored Petri Nets", Middle East Symposium on Simulation and Modeling, Jordan, 2000.**

12- **Ali A. Titinchi , Adnan Al-Anbaki, "Development of An Interactive [FMS] scheduling media" , Second Conference on Automation , Robotics and Computer Vision , Singapore , IA - (5.6. 1-5.6.7) , 1992.**