

# CV

**Name** : Moneer Ali Lilo

**Nationality** : Iraqi

**Data of birth:** Hilla – 1972

**Sex** : Male

**Marital State:** Married

**Academic degree:** Assistance Professor Doctor (electronic communication engineering )

**Qualification Degree:** B. Sc. Degree in electronic engineering -1995,

- Master Degree in electronic engineering (DESIGN AND IMPLEMENTATION OF THE AIR DATA COMPUTER) from Technology University- Iraq-2004,
- doctor in electronic communication from University Technology Malaysia -2017 , my PhD was focused on to implement Wireless Data Acquisition (DAQ) and smart protection that related to (EHG & TSI) of the steam turbine , with title (**WIRELESS VIBRATION FAULT TOLERANCE SYSTEM IN STEAM TURBINE USING NEURAL SLEEP FUZZY** )
- **2018** got the assistant professor degree  
Interested to design and implemented a smart wireless sensor.
- **Member of the Board of Directors, Middle Euphrates Electricity Production (2018-2021)**

## **Experience and works**

- **1995-2001:-** start working in the Ibn Firnas Co. which is carry out many projects with ministry of electricity defense, and oil. These projects related to repair data acquisition system and protection system
- **2001- 2004:-** Start study the master degree finished in 2004, which is

- focused to design and implement the data acquisition system
- **2004-2009:-** I had work with many company to maintain and install some Projects in ministry of electricity, company such as (Siemens , KBR, Bechtel and others), to install the protection system.
  - **2009-2020 :-** I had work in the Ministry of Higher Education in Al Muthanna university .
  - **2014-2024:-** published many papers in the Scopus journal that related to design and implemented smart data acquisition system based on utilized neural and fuzzy techniques.

### **Detail of the work**

- ❖ **2022-2018:** I had work in college of engineering , Al Muthanna University as lecture .
- ❖ **2008-2018:** I had work in college of science , Al Muthanna University as lecture .
- ❖ **2006-2008** I had work with Siemens Company to maintain and instill new control system in Al Mussaib power station ( information system).
- ❖ **2006** :I had work in to instill the electric protection system in Al- Basra for oil station.
- ❖ **2005-2003** : Cooperated with Bechtel Co. to maintenance of Baiji power plant units (1,2,3,4,5,6 )
- ❖ **2003- 2001:** I had working in ibn Firnas Co. to design system related to data acquisition system
- ❖ **2001- 2000:** Cooperated with Italian Co. to reinstall the new control system of the power plant for unit (5and 6 ) in Baiji power plant power station
- ❖ **2000-1997:** I had working in EHC and BMS system in Baiji power plant.

❖ **1995-1996** : I had working to design card of EHG system in al - Mussaib power station.

▪ **PUBLISHED PAPER**

1. M. Lilo, L.A.Latiff, A. Abu, and Y. Al Mashhadany, “*Wireless Fault Tolerances Decision Using Artificial Intelligence Technique*,” J. Theor. Appl. Inf. Technol., vol. 87, no. 2, pp. 324–335, 2016. **Indexed by Elsevier: SCOPUS.**
2. M. Lilo, L. A. Latiff, A. Bin, H. Abu, and Y. I. Al Mashhadany, “*Vibration Fault Detection And Classification Based On The FFT And Fuzzy Logic*,” ARPN J. Eng. Appl. Sci., vol. 11, no. 7, pp. 4633–4637, 2016. **Indexed by Elsevier: SCOPUS.**
3. M. Lilo, L. A. Latiff, Y. I. Al Mashhadany, and A. Bin Haji Abu, “*Identify and Classify Vibration Signal for Steam Turbine Based on Neural Sleep Fuzzy System*,” Res. J. Appl. Sci. Eng. Technol., vol. 12, no. 5, pp. 589–598, 2016. **Indexed by:** Google Scholar,Ulrich Database, (The American Chemical Society),DOAJ.
4. M. Lilo, L. A . Latiff, H. Aminudin, and A. K. Ilijan, “*Vibration Prevention of Steam Turbine by Mixing the Main Demand with Vibration Signal*,” IPASJ International Journal of Electronics & Communication (IJEC), vol. 2, no. 3, pp. 17–22, 2014. Indexed by: Google Scholar, Indian Citation Index
5. M. Lilo, L. A. Latiff, A. Bin Haji Abu, Y. I. Al Mashhadany, and A. K. Ilijan, “*Gas Turbine Bearing and Vibration Classification of Using Multi-layer Neural Network*,” IEEE Conf. 2015 International Conference on Smart Sensors and Application (ICSSA), Malaysia, pp. 3–6, 2015. Indexed by: IEEE Xplore.
6. M. Lilo, L. A. Latiff, A. Bin, H. Abu, and Y. I. Al Mashhadany, “*Vibration Fault Detection And Classifaction Based On The Fft And Fuzzy Logic*,” ARPN J. Eng. Appl. Sci., vol. 11, no. 7, pp. 4633–4637, 2016. Indexed by Elsevier: SCOPUS.
7. A. K. Ilijan, L.A. Latiff, R. Dziyauddin and M. Lilo, “*Scheduling Approaches for Dedicated and Shared Timeslots for ISA100.11a*” Res. J. Appl. Sci. Eng. Technol., vol. 12, no. 1, pp. 63-68, 2016. Indexed by: Google Scholar,Ulrich Database, (The American Chemical Society),DOAJ.
8. M. Lilo, L. A. Latiff, A. Bin Haji Abu, and Y. I. Al Mashhadany, “*Comparison of Fault Diagnosis Approaches in Industrial Wireless Networks: A Review*” Res. J. Appl. Sci. Eng. Technol., vol. 12, no. 12, pp. 1190-1195, 2016. **Indexed by:** Google Scholar,Ulrich Database, (The American Chemical Society),DOAJ

9. Moneer A. Lilo, Abidulkarim K. Ilijan, Yaseen M., and Ahmed S. Naje,” *Real Time Detection of Vibration Fault via Utilized Industrial Wireless Vibration Sensor*” *ASIA International Multidisciplinary Conference 2017, UTM, Malaysia , JB.*
10. Moneer Ali Lilo, Auda R. O., and Abidulkarim K. Ilijan, “*Integrated Wireless Technologies with Computer for Industrial Machinery Fault Diagnosis: Challenges Comparison and Characteristics: A Review*”, *MJPS, VOL.(5), NO.(1), 2018.*
11. Moneer Ali Lilo<sup>1</sup>, and Maath J. M., “Design and implementation of wireless system for vibration fault detection using fuzzy logic “,*Third International Conference on Computing, Communications, and Information Technology (CCIT 2019) College of Computer Science and IT, university of Al-Anbar.*
12. Moneer Ali Lilo, and Maath J. M., “Design and implementation of wireless system for vibration fault detection using fuzzy logic “,*IAES International Journal of Artificial Intelligence, Vol. 9, No. 3, 2020.*
13. Moneer Ali Lilo<sup>1</sup>, Yousif I. Al Mashhadany., “Intelligent system for fault detection of phase failure and temperature “,**The First International Scientific Conference of Engineering (ICEST2020)**, College of engineering , AL-Muthanna university, 2020 .
14. Moneer Ali Lilo<sup>1</sup>, Yousif I. Al Mashhadany., “Study and Analysis of Magnetic Levitation System via ANFIS Controller “, **1st Virtual International Conference on Sciences:Vics2021**, College of engineering , university of Al-Anbar, 2021 .

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