



**Dr. Besada Adeeb Anees**



[bessada.adib@gmail.com](mailto:bessada.adib@gmail.com)  
[Bessada\\_adib@yahoo.com](mailto:Bessada_adib@yahoo.com)



<https://www.linkedin.com/in/besada-anees-986a15108>



<https://www.facebook.com/besada-anees>



01224936279  
01203094820

**Objective:** to work (part-time/full-time) as a university lecturer or as a freelancer in Software programming

### **Education**

BSc, May 1977 – MSc in 2006, PhD in 2013  
Electronics, Communications and Computer

### **Thesis & Papers**

Thesis submitted for a Master's degree.  
Thesis submitted for a Ph. D.  
Several papers in different national and international journals  
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**Computer Science:** (Page 3)

**Languages:** Arabic, English & Italian

### **Experience**

More than 40 years in Engineering, Vocational Training, and University Lecturing (page 2&3)

***Thesis:***

***Thesis submitted for a Master's degree:***

*“Development of fuzzy logic-based scheme for sensor failure accommodation in control systems”*

***Thesis submitted for the PhD:***

*“Artificial Muscles based Robotic systems”*

***PAPERS & ESSAYS***

- *“Failure accommodation of optical fibre current sensors using integrated adaptive neuro-fuzzy inference scheme”, Alexandria Engineering Journal AEJ, Vol. 44, No.4 [569-578], July 2005.*
- *“Development of neuro-fuzzy scheme for detecting, identifying, and classifying multiple failures in sensors”, Alexandria Engineering Journal AEJ, Vol. 45, No.2 [185-196], March 2006.*
- *“Parameter Optimization in Spring-Roll Dielectric Elastomer Actuator Design”, JES, March, 2011.*
- *“Developing Spring-Roll Dielectric Elastomer Actuator System Based on Optimal Design Parameters”, IJCSI, September, 2011.*
- *“Developing Spring-Roll Dielectric Elastomer Actuator System Based on New Optimal Design Parameters”, IJCSI, September, 2011.*

***Experience & Employment History:***

*From 1979 to 1908, I held the following Titles:*

*Vocational Training trainer, Assessor, Internal verifier, External verifier, TOT, Vocational Training Center Manager, and TevT Expert.*

*From 2008 to 2018, I transferred to the Industry Modernization Center, where I held the following Titles:*

*Skill Standard Expert, Competency-based training, and National qualifications expert.*

***Recent achievements:***

*In 2018, I transferred to King Mariott Academy KMA, Higher Institute of Engineering and Technology. From this moment till now, I have taught the following courses:*

*Microelectronic Engineering ECE (445), Integrated Circuits ICs ECE452),*

*Communications Networks (ECE453)*

*Electronic Test and Measurements4 ECE (435), Graduation projects.*

*In parallel with the Higher Institute of Engineering and Technology, I have taught the following courses in the Higher Institute of Business Information Systems, KMA. Networks (4002), Database (S12), Analysis and Design of Information Systems (S13), Design of Computer Programs (S11), Graduation Projects (S24, S25).*

***Computer Science:***

*While teaching the above-mentioned courses, I have taught the following software languages;*

*HTML, CSS, C++, Python, Database, and Data Analysis.*

***General Competences:***

*Communication Skills, Problem Solving & Critical Thinking, Teamwork & Collaboration, Self-Motivation, and Social Responsibility.*

*Served as “**Acting Dean**” across multiple appointments (up to six months each), directly overseeing operations, budgeting, and academic program administration for the Higher Institute of Business Information Systems.*

*I contributed to implementing **full quality assurance standards** at the Higher Institute of Business Information Systems.*

*During my work at the Business Information System Institute, I authored two books, one titled “**Computer Programs Design**” and the other titled “**Analysis and Design of Information Systems**”.*