

# Sherif Kamal Bakr Nawar

🏠 68 El-Arish Street, Giza, Egypt 📞 01008985376 ✉ Sherif.kamal@btu.edu.eg

## Objective

Motivated and detail-oriented professional seeking to obtain the Certified Manager Certification to advance my leadership, operational management, and strategic planning skills. With a strong background in engineering and education, I aim to apply advanced management practices to drive team collaboration, organizational growth, and operational success.

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## Education

**2016** | Doctor of Philosophy (PhD), Faculty of Engineering, Azhar University, Egypt

PhD Title: *Artificial Intelligent Control of Fuel-cell Hybrid Electric Vehicles*

**2009** | Master of Science (MSc), Faculty of Engineering, Cairo University, Egypt

MSc Title: *Design and Control of Fuel Cell for Transportation Applications*

**2002** | Bachelor of Engineering (BEng), Faculty of Electronic Engineering, Menoufia University, Egypt

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## Experience

**2021-Present** | *Faculty Member*, The Egyptian-Korean Faculty of Technology for Industry and Energy, Beni Suef Technological University (BSTU)

- Developed a successful proposal for a \$8 million grant from South Korea, with implementation starting in 2025.
- Contributed to BSTU obtaining international accreditation (ABEEK), South Korea.
- Played a key role in future expansion projects, including securing approval for a 20-fedan land acquisition for university growth.
- Established collaboration agreements with leading industrial entities, including Al-Suwaidi Factory, Arab Organization for Industrialization, and the Egyptian Electricity Holding Company.
- Designed and implemented student training programs and supervised student projects.
- Prepared a comprehensive feasibility study and investment plan for BSTU's future development.

**2019-2021** | *Lecturer* (Part-Time), Faculty of Engineering, Six-October University

- Delivered lectures on control engineering, renewable energy systems, and other related topics.

**2015-2016** | *Assistant Lecturer* (Part-Time), Mechatronics Dept., College of Engineering and Technology, Arab Academy for Science, Technology, and Maritime Transport

- Assisted in teaching courses and mentoring students in mechatronics and control systems.

**2003-2016** | *Photovoltaic Department*, Electronics Research Institute

- **2016-2021**: Researcher
  - **2009-2016**: Researcher Assistant
  - **2003-2009**: Assistant Researcher
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## PRACTICAL EXPERIENCE

**2021-2023** | Supervising more than 30 practical projects in the Mechatronics Department and the New and Renewable Energy Department.

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**2008-2015** | Instructor, Automatic Control & Renewable Training Courses, Electronics Research Institute

**2002-2003** | Control Engineer, Syrian Company for Spinning and Weaving, Sadat, Menoufia, Egypt, managed control systems for textile manufacturing.

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## **SOME ADMINISTRATIVE WORK EXPERIENCES**

**2023-Present:** Director, University Center for Career Development (UCCD), BSTU.

**2021-Present:** Renewable Energy Coordinator, Egyptian-Korean Faculty of Technology for Industry and Energy, BSTU.

**2021-Present:** Chairman, Examinations Control Committee, BSTU.

**2021-Present:** Member, Committee for Selecting Assistant Staff and Engineers, BSTU.

**2021-2023:** Chairman, Laboratories Examination and Operation Committee, BSTU.

**2021-2022:** Chairman, Inventory Committee, BSTU.

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## **Certifications & Courses**

- CPA: Programming Essentials in C++, C++ Institute Authorized Academy Program
- Internet of Things, (IoT), Cisco Networking Academy
- Technology Teaching methods Trainer, Korea International Cooperation Agency (KOICA), South Korea
- Embedded System, KOICA, South Korea
- Programmable Logic Control (PLC), KOICA, South Korea
- Information Technology Course, KOICA, South Korea

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## **Skills**

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|--|------------------------------------|
| • Time Management                      | • Complex Problem Solver           |
| • Leadership Skills                    | • Knowledge of Labor Market Trends |
| • Strong decision maker                | • Student-Centered Approach        |
| • Strategic Planning                   | • Collaboration and Teamwork       |
| • Networking and Relationship Building | • Counseling and Advising Skills   |

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## **EXTRACURRICULAR ACTIVITIES**

- 2007-2012 Member of Egyptian Society of Electrical Engineers
- Participation in organizing many workshops
- Giving many lectures related to automatic control and renewable energy system
- 2008-2016 Volunteer, Resala Charity Organization.