



Dr. Nemat Hassan Ahmed El Hassan

Associate Professor | Electrical and Electronic Engineering

Chartered Engineer (CEng) and Senior IEEE Member with academic leadership experience in sustainable engineering, AI-driven systems, and quality assurance. Conference Chair (ICSEDI'26) and OAAAQA Registered External Reviewer with proven impact in advancing professional and educational excellence.

EMPLOYMENT HISTORY

2018 – Present **Associate Professor**

Global College of Engineering and Technology (GCET), Muscat, Oman
Department of Electrical and Communication Engineering

Responsibilities:

- Designing and delivering undergraduate/postgraduate courses.
- Preparing teaching materials, assessments, and grading in line with OAAAQA standards.
- Supervising final-year design and research projects.
- Serving on academic and quality committees; preparing documentation for accreditation reviews.
- Providing academic advisory support to students and mentoring junior faculty.

2016 – 2017 **Assistant Professor**

University of Khartoum, Sudan
Department of Electrical and Electronic Engineering

Responsibilities:

- Designing course syllabi and teaching.
- Delivering lectures, tutorials, and laboratory sessions.
- Preparing and grading assignments and assessments.
- Advising students on academic and career development.
- Contributing to the faculty's accreditation application and quality assurance processes.

CONTACT INFORMATION

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🌐 www.linkedin.com/in/nemat-h-elhassan-63b40651/

📄 scholar.google.com/citations?user=oCtU1MwAAAJ&hl=en

📍 Muscat, Oman

PERSONAL INFORMATION

Nationality: Sudanese

Marital Status: Married

Children: 2

Date of Birth: 14 Aug 1990

KEY SKILLS

- MATLAB & Python Programming
- AI & Machine Learning
- Academic Leadership
- Quality Assurance
- Research Supervision
- Programme Development

PROFESSIONAL AFFILIATIONS

- Senior Member- Institute of Electrical and Electronics Engineers (IEEE)
- Member- The Institution of Engineering and Technology (IET)
- Chartered Engineer (CEng) -UK Engineering Council
- Member- Sudanese Society of Engineers

LANGUAGE SKILLS

Arabic	Native	●●●●●
English	Advanced	●●●●●
German	Beginner	●○○○○

PROFESSIONAL INTERESTS

- Continuous Learning & Skill Development
- Technology & Innovation Trends
- Attending Conferences & Seminars
- Mentoring Students & STEM Outreach
- Professional Volunteering (IEEE, IET, OAAAQA)

PERSONAL INTERESTS

- Travel and Cultural Exploration
- Organizing Events
- Swimming for fitness and focus

2012 – 2016 **Research / Teaching Assistant**

University of Nottingham, Malaysia Campus
Department of Electrical and Electronic Engineering

Responsibilities:

- Assisting in laboratory demonstrations and students' supervision.
- Marking lab reports and providing feedback on student work.
- Mentoring final-year students in research projects.
- Supporting senior academics in project-based teaching and evaluation.

INDUSTRIAL EXPERIENCE

2011 – 2012 **Technical Support Engineer**

Sudanese Electricity Distribution Company, Khartoum, Sudan

Responsibilities:

- Provided technical support for electrical distribution systems.
- Conducted equipment diagnostics and system maintenance.
- Collaborated with senior engineers on operational troubleshooting.
- Ensured compliance with national safety and performance standards.

LEADERSHIP ROLES

- Program Leader- Electrical and Electronics Engineering Program GCET Oman.
- Chair – IEEE International Conference on Sustainable Engineering and Digital Innovation (ICSEDI'26), Muscat, Oman.
- Registered External Reviewer – Oman Authority for Academic Accreditation and Quality Assurance of Education (OAAAQA).
- Quality Assurance Officer – Department of Electrical and Electronic Engineering, GCET Oman.

SERVICE ROLES

- Membership Development Chair – IEEE Oman Section, achieving record membership retention and growth exceeding IEEE targets.
- Young Professionals Chair – IET CCEMEA Region, promoting engagement across Europe, Africa, and the Middle East.

ACADEMIC QUALIFICATIONS

PhD in Electrical and Electronic Engineering- University of Nottingham, 2017

BSc in Electrical and Electronic Engineering- University of Khartoum, 2012

CERTIFICATES

Postgraduate Certificate in Academic Practice – University of the West of England (2019)

PRINCE2 Foundation Certificate in Project Management – AXELOS (2022)

AWARDS & RESEARCH GRANTS

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| 2023–2025 | 3K OMR Graduate Research Grant
Ministry of Higher Education, Research and Innovation (MoHERI), Sultanate of Oman |
| 2022–2024 | 20K OMR Research Grant
Ministry of Higher Education, Research and Innovation (MoHERI), Sultanate of Oman |
| 2013–2015 | Faculty of Engineering PhD Scholarship,
University of Nottingham |