

## **DEPARTMENT ADVISORY BOARD**



**El Manaa Barhoumi**  
**Assistant Dean, College of Engineering,**  
**Dhofar University, Oman**

PMP-certified, Associate Professor with over 16 years of experience in teaching, research, accreditation, and academic leadership. Recognized among the World's Top 2% Scientists by Stanford University (Elsevier Ranking). Experienced in ABET accreditation, Program Standards Assessment (PSA), and Oman Qualifications Framework (OQF) serving as an external reviewer with OAAAQA and MoHERI in Oman.

Strong expertise in curriculum design, quality assurance, and continuous improvement of engineering programs. Researcher in power electronics and renewable energy systems with numerous indexed publications, committed to academic excellence, student-centered learning, and institutional development.



**Dr. Alawi Alqushaibi, Ph.D., Ts.**  
**MAHSA University**

Dr. Alawi Alqushaibi is a Program Coordinator and Lecturer in Artificial Intelligence at MAHSA University with over eight years of experience in higher education and applied research. He holds a Ph.D. in Information Technology from Universiti Teknologi PETRONAS and is a certified Professional Technologist (Ts.) recognized by the Malaysia Board of Technologists.

His expertise includes Artificial Intelligence, Data Science, Machine Learning, Computer Vision, and Generative AI. With more than 2,200 citations and an h-index of 17, his research focuses on deep learning applications in medical imaging, time-series forecasting, and AI optimization techniques.

Dr. Alqushaibi is also the developer of ConfTrack Malaysia, a conference management platform supporting international academic events, and has collaborated on AI projects with industry and research institutions across Malaysia.



**Dr. S. Muttan,**  
**Director (Research)**  
**Hindustan Institute of Technology and Science Padur**

Dr. S. Muttan is the Former Professor of Eminence and Head of the Department of Electronics and Communication Engineering at Anna University with over 40 years of experience in teaching, research, academic leadership, and healthcare technology innovation.

He has held several key leadership positions including Regional Director, Dean, Director i/c of Indian Institute of Information Technology, Srirangam, and Director of the Centre for Medical Electronics. His work focuses on Biomedical Engineering, Medical Device Innovation, Healthcare Instrumentation, and quality assurance in higher education.

Dr. Muttan has led major national projects supported by DST, AICTE, and UGC, contributing to the development and commercialization of indigenous medical devices. He has published 119 research papers, delivered over 250 invited lectures, and holds 3 patents and 2 copyrights in biomedical engineering and healthcare technology.



**KUMARESAN**  
**Deputy General Manager – Biomedical Engineering**  
**Sindoori Management Solutions Services Private Limited**

Senior Biomedical Engineering leader with 33+ years of experience in medical equipment planning, commissioning, operations, and lifecycle management across large multi-specialty hospitals and healthcare networks.

Led biomedical operations across 28 Apollo Hospitals and NHM hospitals in multiple states, managing strategy, compliance, procurement, and service delivery while leading a team of 435 biomedical professionals.

Expert in JCI & NABH compliance, biomedical asset management, vendor governance, AMC/CMC optimization, and healthcare technology integration. Recognized for driving operational excellence, cost optimization, and reliable biomedical systems that support safe and efficient patient care.