

Fahad Bin Sultan University  
Faculty of Engineering  
Mechanical Engineering Department  
**Hosam Eldin.Elsayed Mohamed**

**Education**

Degree	Discipline	Institution	Year
Ph.D.	Mechanical Engineering	Al-Azhar University	2009
MSC	Mechanical Engineering	Ain Shams University	2003
BSC	Mechanical power Engineering	Banha University	1993

**Academic experience**

Institution	Rank	Title	Dates	Full Time or Part Time
Fahad Bin Sultan University	Assistant professor		2017-Now	Full time

**Non-Academic Experience**

Company or Entity	Title	Brief Description of Position	Dates	Full Time or Part Time
Atomic Energy Authority Egypt	Assistant Professor	Researcher and responsible at Nuclear Research Center. Egypt	1997-2010	Full time
Saudi Consolidated Engineering Company (Khatib & Alami) Tabuk. KSA	Electromechanical Manager	Design &supervision and Management of electromechanical projects at Tabuk region (e.g. Tabuk Regional Airport ).Tabuk - KSA	2010-2016	Full time
Afyaa Consultant office Tabuk, KSA	Mechanical Manager	Redesign and supervision of all mechanical works tabuk Park Mall	2016-2017	Full time
Tantawy Contracting Co.Cairo, Egypt	Mechanical Manager	Design &supervision &installation and Management of electro-mechanical works	2000-2010	Part-Time

**Subjects taught over the past two academic years**

Course code	Course Name	Institution	Credits
MECH 201	Mechanical Engineering Graphics	Fahad Bin Sultan	1ch
MECH 210	Thermodynamics I	Fahad Bin Sultan	3 ch
MECH 233	Engineering Material lab	Fahad Bin Sultan	1ch
MECH 310	Thermodynamics II	Fahad Bin Sultan	3 ch
MECH 320	Kinematics of Mechanical Systems	Fahad Bin Sultan	3 ch
MECH 341	Fluid Mechanics	Fahad Bin Sultan	3 ch
MECH 342	Heat transfer Lab	Fahad Bin Sultan	1 c.h
MECH 344	Fluid Mechanics Lab	Fahad Bin Sultan	1 c.h
MECH 352	Instrumentation and Measurements	Fahad Bin Sultan	2ch
MECH 353	Instrumentation and Measurements lab	Fahad Bin Sultan	1 c.h
MECH 444	Internal Combustion Engine	Fahad Bin Sultan	3 ch
MECH 449	Air Conditioning	Fahad Bin Sultan	3c.h

### **Certifications or professional registrations**

1997 Authorized as an Internal Quality Audit in the program of "Internal Quality Audit ISO, Cairo, Egypt, AOI. (License from TUV)  
2012 Authorized Trainer of Trainee (TOT) Dar Elsalma administration center at Jeddah KSA.

### **Current membership in professional organizations**

1993 Member of the Egyptian Engineers Syndicate.  
2010 Member of the Saudi Council of Engineers; No 128705.

### **Honors and Awards**

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### **Service Activities**

2024 FBSU Main deep well pump rehabilitation and operation.  
2023 Commissioning & start-up and handover for all HVAC systems at Medicine College, FBSU.  
2021 Participation in updating the study plan for the Department of Mechanical Engineering in the College of Engineering  
2021 Proposed laboratory development plan for the Department of Mechanical Engineering in the College of Engineering. FBSU  
2021 Faculty member of the Accreditation Quality Assurance (AQA) committee for COE's Strategic Operational Plan (FBSU)

### **Principal Publications and Presentations of the Last Five Years**

Experimental study of the effect of primary nozzle position on the performance of jet ejector." **Hosam Eldin E. Mohamed.**, Hussien, N. M., Elbaz, A. R., & Mahmoud, N. A. International Journal of Advance Research, Ideas and Innovations in Technology, Volume 9, Issue 2 - V9I2-1231115.1, 2023.

### **Most Recent Professional Development Activities**