

# Salah Ali Dafea

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## Personal Data:

**Job Title:** Assist. Professor in Basic Science Department of The High Institute of Engineering and Technology in New Damietta

**Date Of Birth:** 8/12/1954

**Marital Status:** Married (has two sons and one daughter)

## Academic Qualifications:

**B.S. in Mechanical Engineering, Very Good** 1977  
Faculty of Engineering, Mansoura University - Engineers Syndicate Member  
(Membership#: 6143/15)

**Master Degree in Mechanical Power Engineering**  
Faculty of Engineering, Mansoura University 1996

**Ph.D. in Mechanical Engineering (Energy Engineering)**  
Faculty of Engineering, Tanta University 2016

## Summary of Experience:

- \* Natural Gas Network analysis, calculations, and mass balance
- \* Lecturer in Basic Science Department of The High Institute of Engineering and Technology in New Damietta
- \* Planning, Follow-up, and its related periodic specific reports, of "The Egyptian Grid of Natural Gas Networks".
- \* Pipeline, pressure reduction stations, measurements, and valve rooms maintenance
- \* Supervisory of pipeline construction projects
- \* Pre-commissioning and Commissioning of Natural Gas pipelines, pressure reduction stations, measurement instrumentations
- \* Natural Gas Pipeline Inspection
- \* Operation and Maintenance of Natural Gas Pipeline Networks and Facilities
- \*Lecturing in Basic Science Department of The High Institute of Engineering and Technology in New Damietta

## Employment History

**Assist. Professor in Basic Science Department** 2016 up to Now  
The High Institute of Engineering and Technology in New Damietta

GASCO, Main Office 2012 - 2014

**Overall Plan Follow up General Manager for Gasco Networks / Grade 20**

GASCO, Main Office 2011 - 2012

**East Area Regional General Manager / Grade 19**

GASCO, Main Office 2010 - 2011

**Operation Engineering and servicing General Manager / Grade 18**

GASCO, Main Office <b>Areas Affairs General Manager / Grade 17</b>	2008 - 2010
GASCO, Port Saed <b>Canal and Sinai Area General Manager / Grade 16</b>	2006 - 2008
GASCO, Port Saed <b>Canal and Sinai Area Executive General Manager / Grade 15 (Termination of The Assignment of Aqaba Area Manager 2/8/2004 ) (Assigned to Aqaba Area and Arab Gas Pipeline Facilities Executive General Manager on 17/3/2003 ) / Grade 16 General Department of Gas Networks</b>	2003 - 2006
GASCO, Port Saed <b>Canal and Sinai Area Assistant General Manager / Grade 14 (Assigned to Aqaba Area Manager on 17/3/2003 ) General Department of Gas Networks</b>	2000 - 2003
GASCO, Delta Area 2000 <b>Development Department Head / Grade 13 General Department of Gas Networks</b>	1999 -
GASCO, Delta Area 1999 <b>Mechanical Maintenance Department Head / Grade 12 General Department of Gas Networks</b>	1998 -
GASCO, Delta Area 1998 <b>Gas Programs Section Head General Department of Gas Networks</b>	1997 -
Petroleum Pipeline Co., Delta Area <b>Gas Programs Section Head General Department of Gas Networks</b>	1992 - 1997
Petroleum Pipeline Co., Delta Area <b>Mechanical Engineer General Department of Gas Networks</b>	1980 - 1992
Mechanical Design Dept., Helwan <b>Demonstrator Helwan University / Faculty of Engineering</b>	1978 - 1980

### **Abroad Training**

- Sulzer gas turbines, Sulzer, Switzerland, 1981 - 1981 - Familiarization, Thermal Block Auxiliary
- systems & Instrumentation on Sulzer gas turbines
- Maintenance and operation of Centrifugal Pumps, Nuovo Pignone, Italy, 1981 - 1981
- Mechanical Damage Assessment, British Gas Transco, England, 1996 - 1996

- Ball Valve Experimental Tests, ITAG, Germany, 1998 - 1998

### **Local Courses Training**

- Advanced English Course, Faculty of Engineering, Helwan University, Cairo, 1978 - 1980
- Operation and Maintenance of Gas turbines, Arab Academy of Aerospace Technology, Cairo, 1980 - 1980
- Gas Turbine Operation, Training Centre of East Desert, East Desert, 1981 - 1981
- Development of Section manger skills, Human Resources Training Centre, Cairo, 1989 - 1989
- English Course, PPC'S Training Centre, Mostrod, Cairo, 1990 - 1990 - Gas programming and dispatching
- Management Course, Manar of Masr Petroleum , Cairo, 1990 - 1990
- Hydraulic Valve Maintenance, Hydraulic Control Centre, Cairo, 1991 - 1991
- Basic Project Costs and Account Rules for Engineers, Arab Centre for Research and Management, Cairo, 1991 - 1991
- Development of Managerial Skills, Sadat Academy for Management Science, Cairo, 1992 - 1992
- Transmission and distribution of Petroleum production, Manar Masr Petroleum, Cairo, 1992 - 1992
- Energy Management, Development Research & Technological planning Centre, Cairo, 1993 - 1993
- One Week Training Courses (HSE, Management, Technical,...), Different Associations, 1993 - 1996
- Skills Development, Evaluation and Following up Program, ACAD, 2000 – 2000