

## **DR. MUFTI, Anwar H.**

*Professor, Dept. of Electrical and Computer Eng., King Abdulaziz University*

### **Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>
PhD 1987	Electrical Engineering – High Voltage	University of Salford, Manchester, UK
MS 1983	Electrical Engineering Protection	Bath University, Bath, UK
BS 1980	Electrical Engineering (Power & Machines)	King Abdulaziz University, Jeddah

### **Academic Experience**

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full</i>
1980	1981	King Abdulaziz University		Research Assistant	
1987	1993	King Abdulaziz University		Assistant Professor	
1993		King Abdulaziz University		Associate Professor	
1997		King Abdulaziz University		Professor	

### **Non-Academic Experience** *(Including Consultations)*

- Consulting Merz and Mclellan, "National Specification of the GIS system for KAS", Newcastle, U.K., 1994.
- "Insulating Materials" Study Committee Member (CIGRE), Paris, France, 1994-2000.
- "Over Voltages and Insulation Co-ordination " Study Committee Member (CIGRE), Paris, France, 1994-2000.
- "High Voltage Equipment" Study Committee Member (CIGRE), Paris, France, 2000-2006.
- Member of Task Forces "Standardization/Calibration/Comparison of diagnostic method", "Data Compatibility for GIS PD Software application",and "Long Term performance of GIS", France, UK, USA, Germany, Japan, KSA, 1996-2002.
- Consulting Kema "A study of utilizing high voltage laboratories in KSA for Electrical Utility",Holland,1994.
- Consulting (SAUDI CONSULT), "Establishing National Center for Electrical Research for KSA", Jeddah and Dhahran, 1993.

### **Certifications and Professional Registrations**

1. Member of the committee formed by HRH the Governor of Makkah region to investigate the fault in km12 substation, 1990.
2. Member of the committee formed by the SCECO (Saudi Consolidated Electricity Company in the Western Region) to attend the investigation of a circuit breaker failure in Siemens laboratory, Berlin, Germany, 1990.
3. Subcommittee Chairman for Cable Specification and Standard in Saudi Arabian Standards Organization, Riyadh, Saudi Arabia, 1993-1996.
4. Technical Committee Chairman for high voltage systems - specification and standard - Saudi Arabian Standards Organization, Riyadh, Saudi Arabia, 1993-1996.
5. Technical Committees Chairman of GCC CIGRE (GCC Regional Committee of the International Conference on Large High-Voltage Electric System).1992-2000. The committee's main concern is coordinating conferences and symposiums, evaluation of researches and supervising GCC CIGRE study committee.
6. Consultant of the secretary general of Jeddah region municipality from 1997-1998.
7. Secretary General Assistant for Finance and Admin., Jeddah Chamber of Commerce and Industry, 1998-2002.

8. Secretary General Assistant for Training and Information Technology, Jeddah Chamber of Commerce and Industry, 2002-2003.
9. Secretary General of Social Development Committee, Makkah AL Mukaramah Region Council, 2004-2006.
10. Dispute resolution committee member, formed by Saudi Council of Ministers, September 2006- 2015.

### **Current Membership in Professional Societies and Organizations**

<i>Society/Organization</i>	<i>Rank</i>	<i>Since</i>
1. Saudi Engineering Council 2016	Accredited Consultant	
2. Institute of Electrical & Electronic Engineering, USA 1987	Member	
3. Institute of Electrical & Electronic Engineering, USA	Senior Member	1992
4. Institute of Electrical & Electronic Engineering, UK	Member	1992
5. Institute of Electrical Engineering, Saudi Arabia	Chairman	1996-2003
6. Engineering Council, UK	Member	1992
7. Institute of Physics, UK, Chartered Physicist	Member	1992
8. Saudi Engineering Section for Elec. & Comp. Engineer	Council Member	1994
9. CIGRE International Conference, Paris	Member	1987
10. GCC CIGRE Regional Committee of the International Conference on Large High Voltage Electric System	Member	1987
11. GCC CIGRE's Board of Director	Chairman	2003-2009
CIGRE's Board of Director, Paris	Member	
12. International Symposium on Gaseous Dielectrics, USA National Institute for Science & Technology	Member	1996-2000
13. Study Committee 15 (Insulations Materials)	Regular Member	1994-2000
a. In the International Conference on Large High Voltage		
b. Electronic Systems (CIGRE)		
14. Study Committee 33 (Over Voltages and Insulation a. Coordination) In the International Conference on Large	Observer/Reg. Member	1994-2000
b. High Voltage Electronic Systems (CIGRE)		

### **Major Honors and Awards**

1. Acknowledgement certificates from HRH the Governor of Makkah Region, for investigating the fault in kM12 substation, 1990.
2. Acknowledgement certificate from Electricity Corporation President, for a "Establishing National Research Center for Electricity", Riyadh, April, 1993.
3. Acknowledgement certificate from Supreme Corporation of the Industrial Security, 1990.
4. Acknowledgement certificate from "Study committee of the electro-technical material" of the International Conference on large High-voltage, Electric system (CIGRE),2000.
5. Certificate of the "Distinguished member" of the International Conference on large High-voltage, Electric system (CIGRE), 2001.
6. Acknowledgement certificate from Secretary general of Jeddah Chamber of Commerce for the success achieved, 1998-2003.

### **Institutional and Professional Services**

1. Dispute resolution committee member, formed by Saudi Council of Minister's resolution, No. (211) 18 Shabaan 1427 H/ 11 September 2006, Electricity Law Article 13, Royal Decree No. M/56, 20 Shawwal 1426H/ 22 November 2005.
2. "Secretary General Assistant for Finance and Admin", Jeddah Chamber of Commerce and Industry ,1999-2002.
3. "Secretary General Assistant for Training and Information Technology", Jeddah Chamber of Commerce and Industry, 2002-2003.
4. "National Committee Deputy Chairman for Education", Council of Saudi Chambers of Commerce and Industry, 2003-2004.

5. Member of Saudi International Chambers of Commerce, 2004.
6. Secretary General of Social Development Committee ,Makkah AL Mukaramah Region Council,2006.
7. Secretary General of District Centers Society, Makkah AL Mukaramah Region Council,2006.
8. Chairman of GCC Cigre's Board of Directors (Regional Committee of the International Conference on Large High-Voltage Electric System), 2002-2008.
9. Member of Cigre's Board of Directors, (International Conference on Large High-Voltage Electric System) Paris,2002-2008.

### **Principal Publications/Presentations**

1. Ch. Cooke,D. Agoris, D. Allan, A. Cookson, K. Feser, J. Holboll,L. Lundgaard, G. Montanari, T. McGrail, A. Mufti, M. Nagao, J. Smit, T. Takada, "High-Voltage Insulation Monitoring for In-Service Power Apparatus", ELECTRA PAPER ,Working Group 15/33.08,2004.

### **Recent Professional Activities**

1. Facilitating electrical equipment pre-qualifications for SEC vendors approval.
2. Visiting GIS and Transformer manufacturers.

