

## Resume

**Name:** Daifallah Mohammad Dalabeih  
**Date of Birth:** September 23, 1953  
**Place of Birth:** Mafraq - Jordan  
**Nationality:** Jordanian  
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**Education:** **Chippenham Tech. College (England) 1972 - 1974**  
Graduated with the "General Certificate of Education (GCE)",  
Advanced Level .

**Southampton University (England) 1974 - 1977.**

Undergraduate student with the Electrical Engineering Department.

Graduate with B.Sc Honors class 2.2 in Electrical Eng.

**University of Manchester Institute of Science and Technology, UMIST, (England) 1977 - 1978.**

Postgraduate student with the Electrical and Electronic Eng. Dept. Graduate with M. Sc. In power system Analysis and control.

**UMIST (England) 1978 – 1980.**

Postgraduate student with the Electrical and Electronic Eng. Dept. Graduated with Ph.D in power system reliability evaluation

**Administration Experience:**

- Dean, Faculty of Eng. and Tech., University of Jordan, 2005-2007.
- Chairman, Board of Directors, Samra Electric power Generating Company, 2004-2008.
- Member, Board of Directors, Central Electricity Generating Company, 2002-2004.
- Dean, Faculty of Eng., Applied Science University, Jordan, 2001/2002.
- Director, Arab Council for Training Students of Arab Universities (1998-2004).
- Chairman, Electrical Eng. Dept., University of Jordan, 1991/1992.
- Assistant Dean, Faculty of Eng. & Tech., University of Jordan, 1989-1991.

## **Technical Activities:**

Member, Technical Committee, Jordan International Electrical and Electronic Engineering Conference JIEEE 83, April 28 - May 1, 1983. Chairman Jordan International Power System Conference, JIPSC - 93, October 4 - 6, 1993.

Chairman, Engineering Certificates Equivalence Committee, Ministry of Higher Education, Jordan, 1995 – 1997.

Chairman, Accreditation Committee, Electrical Eng. Program, Philadelphia University - Jordan, 1996.

Member, General Accreditation Committee, Al - Zitonah University-Jordan, 1996.

Member & Coordinator, Technical Committee for performing Load Flow Analysis and short circuit studies on the Electrical Network of Jordan Phosphat Mines, 1993-1994.

## **Teaching Experience:**

Development of Master program in power System and Machines, University of Jordan.

Development of undergraduate curriculum in Electrical Eng. Automatic control, power system, machines and Electrical Measurements.

Development of Laboratories in Machines, power system and Automatic control.

Instruction in Electrical Engineering courses:- Circuits, Engineering Analysis, Automatic Control, Power Systems, Machines and Measurements.

Supervision of Master and final year students over various projects in power systems.

## **Scholarships**

Award UMIST scholarship for postgraduate students 1978-1980.

## **Specialization**

Power systems reliability evaluation and analysis.

## **Current Research**

Restructured power systems and electricity markets

### **Academic Positions**

1994-Now, Full Professor.

1989-1994, Associate Professor.

1981-1989, Assistant professor.

All at the Electrical Eng. Dept., University of Jordan, Amman-Jordan.

1992/1993, Sabbatical leave at Al-Asra university, Amman-Jordan.

1997/1998 & 2000/2001 Sabbatical leaves at Applied Science University-Jordan.

2009/2010 Sabbatical leave at Princess Sumaya university for Tech.

2010/2011 Absence leave at Princess Sumaya university for Tech.

### **Affiliations**

Member, Institution of Engineering and Technology (IET), England.

Member, Jordan Engineers Association.

Chartered Engineer, Engineering Council, U.K

### **Publications**

#### **Theses**

1- "Reliability Assessment of the control system of a pumped storage scheme" M.Sc Dissertation, Department of Electrical Eng. and Electronics, UMIST-England, Oct. 1978.

2- "Interactive Reliability Evaluation of electrical systems" Ph.D Thesis, Department of Electrical Eng. And Electronics, UMIST- England, Oct. 1980.

## Papers

- 1- R.Allan, D.Dalabeih, N.Nvouris, A.kozlowski, G.Williams, "Interactive Reliability Assessment of Electrical Auxiliary Systems" Fifth European Conference on Electrotechnics, June 14-18, Eurocon 82 Proceedings, PP 763-767.
- 2- D.Dalabeih" A Computerized Reliability Data Bank for power systems". Jordan International Electrical Engineering Conference, April 25-28, JIEEEEC' 83 Proceedings, PP 226-229.
- 3- M.Abdel-Salam, D.Dalabeih, H.El-Zayat, "Ion generation in wire-Duct precipitators as Influenced by Finite width and Edge Curvature of the Duct", IEEE-IAS-1984 Annual Meeting, Sep. 30-oct.4, IEE-IAS Proceedings, PP 1185-1191, Chicago.
- 4- D.Dalabeih, "Reliability Assessment of the control system of a pumped storage scheme", Jordan International Electrical & Electronic Engineering Conference, April 28-May 1, 1985. JIEEC' 85 Proceedings, PP 44-49.
- 5- D.Dalabeih, "Electrical Potential and field in Wire-Duct Precipitators (WDP) theory versus experiment" DIRASAT, volume XIII, October 1986, PP 199-212.
- 6- D.Dalabeih, M.F.Abushark, "Interactive engineering data bank for Jordan Electricity Authority", First international Conference on industrial power engineering, IEE, 3-5 December 1986, London, PP 170-175.
- 7- D.Dalabeih, "An Enhanced Techniques in Minimal Path and Cutest Evaluation". DIRASAT, Volume xv (1988), No. 6, pp241-252.
- 8- D.Dalabeih, 'Comparison study of determining minimal paths for the cut sets evaluation of transmission substations.' DIRASAT, Volume 16 (1989) No. 5, pp 91-103.
- 9- D.Dalabeih, M.F.Abushark, 'Improving the performance of a small (isolated) power system', Middle East power system Conference, Egypt, MEPCON 89, Paper No. TP01-002.
- 10- D.Dalabeih, A.Al-Ghanim, 'Reliability evaluation of substations', Middle East power system conference, EGYPT, MEPCON 89, Paper No. TP06-039.
- 11- D.Dalabeih, 'Reliability evaluation of distribution systems', DIRASAT, Volume 17, No. 1 (1990), pp. 118-131.

- 12- D.Dalabeih, R.Allan, 'Statistical determination of unit commitment risk level', Third international conference on probabilistic methods applied to electric power systems, PMAPS 91,3-5 July 1991, IEE, London, pp. 127-130.
- 13- D.Dalabeih, 'Comparison between the reliability of three different protection systems', DIRASAT, Vol. 198, No. 2 1992, pp 75-90.
- 14- D.Dalabeih, N.Kafisheh, 'Reliability evaluation of generating systems by applying monte carlo simulations, First National Jordan Conference on Electrical Eng., April 19-21 1993, Mutah University, Jordan, pp 354-360.
- 15- D.Dalabeih, K.O.Abdel-Fattah, 'Evaluation of steady state probabilities of generating units', DIRASAT, Vol. 21B, No. 2 1994, pp 151-159.
- 16- D.Dalabeih, K.O.Abdel-Fattah, 'General method for evaluating time dependent probabilities of a multi-state generating units', DIRASAT, Vol. 21B, No. 5 1994, pp 157-169.
- 17- D.Dalabeih, M.Shaheen, K.A.Othman, 'Statistical evaluation of transition rates and state probabilities of generating units', IASTED International Conference on Reliability Eng. And its applications', Honolulu, Hawaii, USA, August 15-17, 1994, pp 17-20.
- 18- D.Dalabeih, Y.A.Jebril, 'Determination of data for reliability analysis of a transmission system, Second International Conference on the Reliability of Transmission and Distribution Equipment, University of Warwick, U.K, 29-31 March 1995, IEE Conference Publication No. 406, pp 19-23.
- 19- D.Dalabeih, N.Atari, N.Abuzeid, 'Modeling of practical energy-limited thermal generating units', IASTED International Conference on High Tech. in the Power Industry, Banff-Canada, June 6-8, 1996, pp 110-113.
- 20- D.Dalabeih, F.Ayasra, N.Abuzeid, 'Estimation of the response risk index of the operating reserve for an electrical generating system', 5<sup>th</sup> International Conference on Probabilistic Methods Applied to Power Systems, PAMPS' 97, Vancouver, Canada, September 21-25, 1997, pp 445-450.
- 21- D.Dalabeih, M.Mimah, N.Abu Zeid, A.Zaghal, "Reliability evaluation of electrical Power systems by using partial loss of continuity PLOC criterion", Jordan International Electrical and Electronic Eng. Conference, JIEEEEC'98, April 24-29, 1998, Amman-Jordan, pp 217-222.

- 22- D.Dalabeih, H.Al-Jamal, T.Al-Wahesh, "Reliability assessment of a restructured Power system", 41<sup>st</sup> International Universities Power Engineering Conference, UPEC2006, 6-8 September 2006, Northumbria University, Newcastle Upon Tyne, U.K .
- 23- D.Dalabeih,B.Qubai'a,R.Jabr,"Management of Electrical Losses Under Restructuring', 4<sup>th</sup> Exergy,Energy and Environment Symposium, American University of Sharjah,UAE,April 19-23,2009.

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