

1. Name: **Ahmed Eltom**
2. Education – degree, discipline, institution, year
  - Ph.D., Electrical Engineering, Clarkson University, 1985
  - M.S.E.E., Electrical Engineering, Clarkson University, 1982
  - B.S.E.E., Electrical Engineering, University of Khartoum, 1973
3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full time or part time
  - EE Department Head, University of Tennessee at Chattanooga, 2013- Present, full time
  - Professor, University of Tennessee at Chattanooga, 2012- 2013, full time
  - Acting EE Department Head, University of Tennessee at Chattanooga, 2011- 2012, full time
  - EE Department Head, University of Tennessee at Chattanooga, 2008- 2011, full time
4. Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time
  - Consultant Tennessee Valley Authority, Chattanooga, (Full Time), TN, 1985-1996
  - Engineer The National Electricity Corporation, Khartoum Sudan (Full Time) 1973 1980
5. Certifications or professional registrations
  - Registered Professional Engineer (PE, ID 00100011), State of Tennessee
6. Current membership in professional organizations
  - IEEE Senior Member
  - IEEE Power Engineering Society(1980-present)
  - Member IEEE PES Smart Grid-Power Delivery- Power Systems-Energy Conversion
7. Honors and awards
  - Fulbright Scholar – Qatar 1997
  - College Research Award 2012/13
  - Received Distinguished Performance or exceed expectations every year for the past 7 years
  - Distinguished Teaching Professor at the University Of Tennessee at Chattanooga
  - College of Engineering outstanding Research Award 2000
8. Service activities (within and outside of the institution)
  - None
9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation  
*Dr. Eltom has published over 15 articles within the last 5 years. His latest three are as follows:*

- Mark B. Goff, Ahmed Eltom, “Transformer Basics to Secrets Revealed”. 2015 TechCon, North America, Sacramento, California, February 17-19th, 2015
- Cassandra Goff, Ahmed Eltom, “Fast Bus Protection Using IEC 61850”. Accepted, IEEE IAS Annual Meeting, 2015 Industrial Automation and Control, Dallas TX, October 18-22, 2015
- E. Mohamed, M. Salah, Abdelrahman A. Karrar, A.. Eltom, Senior Member, IEEE, “Prediction of System Frequency Excursions for Centralized Load Shedding Applications”. Accepted IEEE Transaction on Power Delivery, 2015.

10. Briefly list the most recent professional development activities

- ECEDHA and SECEDHA -attended most of the meetings (2009-2015)
- ICREPQ Conference (presenter), Cordoba, Spain, April 6-12,2014
- ECEDHA Meeting & ABET Workshop (panelist), Napa, CA, March 20-27, 2014
- NASPI (presenter), Knoxville, TN, March 11, 2013
- ONR/NSF Workshop, Napa, CA, 2011,12,13, and 14 (presenter, 3 posters)
- Power Electronics Conference (presenter), Istanbul, Turkey, May 11-24, 2013
- IEEE Smart Grid Conference, Washington, DC, Feb, 24-27, 2013
- Smart Grid Conference, Chicago, IL, Sept. 23-26, 2102
- IEEE PES Meeting – San Diego, CA, July 22-30, 2012
- IEEE PES Conference, Washington, DC, Jan. 16-20, 2012
- Power Electronics Workshop (speaker), Doha, Qatar, Oct. 29-Nov. 6, 2011
- DOE Grant Workshop – Annapolis, MD, June 7-12, 2011
- Workforce Development Conference, Phoenix, AZ, March 11-15, 2011
- IEEE PES Meeting, Minneapolis, MN, July 25-30, 2010
- IEEE Workshop on Smart Grid, Gaithersburg, MD, Jan. 18-21, 2010