

Name	Dr. Eman Saad A.Elnaby Ahmed, Assistant prof., of Electrical Engineering
Photo	
Degree	Assistant Professor of Electronics and electrical communications
Department	Electrical Engineering Department
General Specialization	of Electronics and electrical communications
Specialization	Nanoelectronics and optical communications
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Qualifications	PhD. in "Advanced Techniques of T. Line protection " (2008)
	MSc. in "Differential Protection Of Transmission Line " (2004)
	Bachelor of Electrical Engineering (1988)
Research interests	<p>My research actives cover Power System Protection and Application, Electrical Power Stations, Power System Engineering, High Voltage Direct Current Transmission Line HVDC TL, Power System Analysis, Applications of Static and Digital Relaying. Currently I am a member of supervision committees of a number of MSc students in the</p> <p>field of Protection of power system and economic dispatch. Academic lecturer and demonstrator for several undergraduate and postgraduate courses including Electric Circuits, Electric Measurements, power system analysis, power system engineering. I have published more than ten reviewed international papers.</p>

Recent Publications

Eman Saad Ahmed and R.A. El Sehiemy “ *A suggested differential protection scheme for power transformer*” **Dec 2014, IRASE.5.2014.2.1**

Mohamed Gabr, **Eman Saad Ahmed** et all “*A new impedance-based fault location scheme for overhead unbalanced radial distribution networks*” **Sep 2016, Electric Power Systems Research.**

Eman S. Ahmed” *Parameterless earth fault locator algorithm based on transient surges resulting from single-pole breaker opening*” **ASEJ., Accepted 3 Aug., 2017.**

Eman S. Ahmed ,Hossam A. Abd el-Ghany ; Mahmoud A. ElSadd " *A New Method of Unintentional Islanding Detection for Distribution Network with Synchronous DG*"**2018**

Academic Activities and management

- *September 2008-present: Assistance professor of Electrical Engineering Department, Faculty of Engineering, Kafrelsheikh University, Egypt*
- *September 2009-2012: Co-general Manger of Kafrelsheikh University E_Learning Center.*
- *She is a member of the Consulting and Research Center in the faculty of Engineering, Kafrelsheikh University.*
- *Preparing the study plan and table in the department of Elec. Eng., faculty of Engineering, Kafrelsheikh University.*
- *April 2005- March 2008: General Manger of Ministry of Electricity and Energy, Egypt for electrical engineering and applications.*
- *September 1999- March 2005: Head Sector of Investigation of Electrical Devices Department , Ministry of Electricity and Energy, Egypt*
- *February 1989 - July 1998: Applied Engineer of Technical Investigation of Rural Electrification Authority, Egypt*

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<p>Subjects of Bachelor</p>	<ul style="list-style-type: none"> ➤ Power System Protection of 3rd year of Electrical Power and Machines Programme. ➤ Switchgear and Power System Protection of 4th year of Electrical Power and Machines Programme of Electrical Engineering Department. ➤ Electrical power engineering of 3rd year of Mechanical power programme of Mechanical Engineering Department. ➤ Electrical Tests of 4th year of Electrical Power and Machines Programme of Electrical Engineering Department. ➤ Graduation Project of 4th year of Electrical Power and Machines Programme of Electrical Engineering Department.
<p>Subjects of post Graduates</p>	<p>Industrial IOT and Robotics</p>