

**Contact Info:**

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**Biographical  
sketch:**

(Academic Degrees-  
Fellowships and  
Associations)

August 2000

**Bachelor of Electronics &  
Communication Engineering**

Arab Academy for Science & Technology –  
Alexandria,

Faculty of Engineering & Technology, Electron  
and Communication Engineering Department

Cumulative Grade Point Average (G.P.A.):  
(3.68/4.00)

*"Excellent With Honor"*

Grade: The seventh order.

Graduation Project Grade: Excellent.

	<p>April 2004 <b>The Master Degree in Electronics &amp; Communication Engineering</b></p> <p>Arab Academy for Science &amp; Technology &amp; Maritime Transport,</p> <p>Grade: "Excellent"</p> <p>April 2014 <b>The PhD Degree in Electronics &amp; Communication Engineering,</b></p> <p>Faculty of Engineering - Alexandria University.</p>
<p><b>Publications:</b></p>	<ol style="list-style-type: none"> <li>1. Farag Z. El-Halafawy, Mostafa H. Aly, Mahmoud G. El-Kholy, Engy I. ElNayal, "Stabilization of the Product: (Bit-Rate*Repeater Spacing) of High-Speed Performance Nonlinear Optical Communication Networks", 7<sup>th</sup> World Multiconference on Systemics, Cybernetics and Informatics, ORLANDO, FL, ISBN 980-6560-01-9, p.280-283, JUL 2003.</li> <li>2. A. Abd El Aziz, Engy K. El Nayal, A.K. AboulSeoud, Moustafa H. Aly, and W. P. Ng, "Impact of Amplified Spontaneous Emission on the Travelling Wave Semiconductor Optical Amplifier Performance", 2<sup>nd</sup> International Workshop IWOW on Optical Wireless Communication, Northumbria University, Newastk, UK, p.123-127, Oct. 2013.</li> <li>3. Engy K. El Nayal, Heba A. Fayed, Ahmed Abd El-Aziz, Moustafa H. Aly, " Amplification and switching functions of SOA: impact of amplified</li> </ol>

	spontaneous emission noise”, Optoelectronics and Advanced Materials–Rapid Communications, Vol. 9, No. 9-10, p. 1119 – 1125, Sep–Oct 2015.
<b>Academic Research interests:</b>	<ul style="list-style-type: none"><li>➤ Optical Communication.</li><li>➤ Electronics.</li></ul>