



### Contact Information

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**Google scholar:**

[https://scholar.google.com.eg/citations?](https://scholar.google.com.eg/citations?view_op=list_works&hl=en&user=Ywjh4tUAAAAJ)

[view\\_op=list\\_works&hl=en&user=Ywjh4tUAAAAJ](https://scholar.google.com.eg/citations?view_op=list_works&hl=en&user=Ywjh4tUAAAAJ)

**Research gate:**

<https://www.researchgate.net/profile/Waleed-Gaballah/stats>

**Web of science:**

<https://www.webofscience.com/wos/author/record/JWO-7525-2024>

**ORCID:** <https://orcid.org/0009-0002-8006-564X>

**SCOPUS:**

<https://www.scopus.com/authid/detail.uri?authorId=56891639900>

### Education/ Academic qualifications

Year	School / University	Specialization	Degree
<b>Aug. 2018</b>	Faculty of Engineering, Mansoura University	Electrical Communications Engineering	PhD.
<b>July 2004</b>	Faculty of Engineering, Mansoura University	Electrical Communications Engineering	M.Sc.
<b>June 1999</b>	Faculty of Engineering, Mansoura University	Communications and Electronics Engineering	B.Sc.

### Academic Employment History

From:	To:	University / Organization	Title of Position
<b>September 2018</b>	<b>now</b>	Mansoura High Institute of Engineering and Technology (Mansoura College), Mansoura, Egypt.	Assistant Professor / Lecturer
<b>February 2008</b>	<b>June 2018</b>	Al-Baha Private College of Science, Al-Baha, Saudi Arabia.	Assistant Lecturer

*I do hereby declare that the information furnished above is true to the best of my knowledge .*

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<b>March 2005</b>	<b>December 2007</b>	Egyptian German Telecommunication Industries EGTI, Cairo, Egypt “A JV of Siemens AG (75%), Telecom Egypt and National Bank of Egypt”	Technology Training Instructor
<b>June 2004</b>	<b>March 2005</b>	Telecom Egypt – Training Sector, Cairo, Egypt.	Technology Training Instructor.
<b>September 2002</b>	<b>June 2004</b>	Faculty of Engineering, Mansoura University, Mansoura, Egypt.	Researcher Assistant / Instructor.
<b>Administrative Positions:</b>			
<b>From:</b>	<b>To:</b>	<b>University / Organization</b>	<b>Title of Position</b>
<b>September 2022</b>	<b>September 2023</b>	Mansoura High Institute of Engineering and Technology (Mansoura College), Mansoura, Egypt.	The Ministry's facilitator of the Institute's affairs (القائم بأعمال عميد المعهد للعام الجامعي 2023/2022)
<b>Teaching Experience (Courses, Language, Higher Education Only)</b>			
<ul style="list-style-type: none"> <li>- <b>Siemens Certified Trainer for IT Technologies</b>, Certified by Siemens training Institute, Germany, Munich.</li> <li>- <b>Training or Studying in Foreign Countries (Germany, Tunisia) on VoIP technology, WLAN technology, WiMAX technology.</b></li> </ul>			
<b>Publications:</b>			
<ol style="list-style-type: none"> <li>(1) <b>“Proposed Optical Residue Arithmetic Interconnection”</b> In the 20<sup>th</sup> National Radio Science Conference, March 18-20, 2003, Cairo, Egypt.</li> <li>(2) <b>“A Computational Model for Optical Parallel Processing Using Residue Arithmetic”</b> In Al-Azhar Engineering 7<sup>th</sup> International Conference, 7-10 April, 2003, Cairo, Egypt.</li> <li>(3) <b>“Study on the Effect of the Burst Length in Optical Burst Switching Core Node”</b> The Mediterranean Journal of Computers and Networks MEDJCN, vol. 10, no.4, Oct. 2014, pp. 327-331.</li> <li>(4) <b>“A Study of the Number of Wavelengths Impact in the Optical Burst Switching Core Node”</b> The 4<sup>th</sup>. International Conference on Electrical Engineering, Computer Science and Informatics (EECSI) Indonesia 19 Sept. - 21 Sept. 2017, pp.1-4</li> <li>(5) <b>“An Optical Burst Switching Core Node Performance Analysis with Wavelength Conversion and Deflection Routing Capabilities”</b> International Journal of Electronics &amp; Data Communication (IJEDC), vol.5, no.1, 7 Nov.2017, pp.195 – 204.</li> <li>(6) <b>“Analysis of a Proposed Optical Burst Switching Core Node with Wavelength Converters and Deflection Routing”</b> International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET), vol. 4, no. 8, June – 2018, pp. 418-425.</li> <li>(7) <b>“Finite/Infinite Queueing Models Performance Analysis in Optical Switching Network Nodes”</b> International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), vol.5, no.1, Jan.2019, 163 – 170.</li> </ol>			

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**Signature:**

- (8) **“Surface plasmonic nano grating for improving GaAs PIN photodetectors performance”** Optical and Quantum Electronics, Springer, vol.55, no. 1, Jan 2023, p28.
- (9) **“Effect of Different Nanoparticles SPP Grating on GaAs PIN Photodetector Performance”** MANSOURA ENGINEERING JOURNAL, (MEJ), vol.48, no.5, 2023.
- (10) **“Queueing Models Performance Analysis in Optical Switching Network Nodes”** Journal of Engineering Research (ERJ), Tanta University, Faculty of Engineering Vol.7 – No. 5, 2023.

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