

C.V.

Profile:

- + **Name :** Ishac Lamei Naguib Kandas.
- + **Date of birth :** 1, december, 1981.
- + **Marital State :** Single.
- + **Nationality :** Egyptian.
- + **Military Service :** Exempt.
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Current position :

- + Assistant Professor, Department of applied Mathematics & Physics, Faculty of Engineering, Alexandria University.

Education :

- + Ph.D in Electrical Engineering, Virginia Polytechnic Institute and State University, 2012
- + M.Sc in Engineering Physics, Mathematical and Physical Engineering Dept., Faculty of Engineering, Alexandria University, 2009
- + B.S.C of Electrical Engineering, Communications and Electronics 2004, Faculty of Engineering, University of Alexandria , with General Grade : Distinction with honor grade.(87.37%).

Papers during the M.Sc

Ishak L. Naguib, Moustafa H. Aly and Ali M. Okaz, “**Dispersion Compensation Using Linearly Chirped Polymer Fiber Bragg Grating**,” ICCTA 2008, Egypt.

Ishak L. Naguib, Moustafa H. Aly and Ali M. Okaz, “**Tunable Third Order Dispersion Compensator Using Nonlinearly Chirped Polymer Fiber Bragg Grating**,” ICCTA 2008, Egypt.

Papers during the ph.D

Islam Ashry, Ishac Kandas, Mohamed Eltoweissy, “**Multi-wavelength Optical Switch Fabric for Next-Generation Optical Switches**,” emerging, pp.69-76, 2009 First International Conference on Emerging Network Intelligence, 2009

Jiaeng Yi, Chih-Yu Jao, Ishac L.N. Kandas, Bio Liu, Yong Xu et al. “**Irreversible adsorption of gold nanospheres on fiber optical tapers and microspheres**” Appl. Phys. Lett., **100**, 153107 (2012).

Ishac Kandas, Baigang Zhang , Chalongrat Daengngam, Islam Ashry, and Yong Xu “ **Investigating the Q factor of coated silica microsphere with nonlinear film and gold nanoparticles**” Optics Express 21, 20601–20610 (2013)

Nader Shehata, Kathleen Meehan, Islam Ashry, Ishac Kandas, and Yong Xu, “**Lanthanide-doped ceria nanoparticles as fluorescence-quenching molecular probes for dissolved oxygen**,” Sensors and Actuators B. vol. 183, pp. 179-186 (2013).

Papers after the ph.D

Islam Ashry, Ishac Kandas, Xiangyu Wei, Joseph A. Calderone, Baigang Zhang, Hans D. Robinson, James R. Heflin, Webster L. Santos, and Yong Xu, “**The impact of lithography on the fluorescence dynamics of self-assembled fluorophores**,” Optics Express 12935, 22, 2014

Teaching:

Assistant professor in Department of Engineering Mathematics and Physics, Faculty of Engineering, Alexandria University “from May 2013”.

Teaching Assistant, Alexandria University, Egypt, from March.2005 to Dec.2008.

Teaching courses related to elementary physics, modern physics, elementary optics, nonlinear, and WDM optical networks.