

Curriculum Vitae

1. Personal Data :

Name : Anwar Mohamad Helaly

Place & Date of Birth: Gharbeya, Egypt , 23/12/1953.

Nationality : Egyptian .

Marital status : Married

Contact :

E-Mail : anwarhelaly@yahoo.com

Mail address : Communications Eng. Dep. - Higher
institute of Eng. – Elsherouk city.

Tel. : 01006675796

2. Specialization :

- **General specialization** : **Communications** Engineering

- **Specific Field** : Communications.....

3. Academic Rank : Assistant Professor

4. Academic Qualifications :

1991 PhD

1985 M.SC

1976 B.SC

5. Employment History:

Feb. 2000 – Present : Assistant Professor

6. Teaching Experience:

- Communication Theory
- Mobile Communications
- Signal Analysis
- Satellite Communications
- Optical fiber Communications.
- Electromagnetics
- Electric Measurements
- Communication Networks
- Power electronics
-

7. Research Interests:

- Optical communications

- Optical CDMA

8.Publications:

- [1] A. M. Helaly and M. A. G. Abushagur, "A New Application for Acousto-optic Cells in Wavelength Division Demultiplexing," Proc. IEEE SSST91, Coulombia, South Carolina, March 1991, pp. 144-146.
- [2] A. M. Helaly and M. A. G. Abushagur, "Hybrid Optoelectronic Processor for Wavelength Division Multiplexing," IEEE Proceedings of the SOUTHEASTCON'91 #91CH2998-3, 1991, pp. 1153-57.
- [3] Anwar Helaly and M.A.G. Abushagur, "Acousto-optic Wavelength Division Multi-plexing System," Microwave and Optical echnology Letters, Vol. 5, No. 12, 1992, pp. 633-635.
- [4] M. A. G. Abushagur and Anwar Helaly, "Acousto-Electro-Optic Demultiplexers in High Data Rate Optical Communication Systems," Optics & Laser Technology, Vol. 28, 1996, pp. 457-461.
- [5] Anwar Helaly and M. A. G. Abushagur, "Acousto-optics Star Couplers for Routing and Broadcasting in Local Area Networks," Microwave and Optical Technology Letters, Vol. 7, No. 5, 1994, pp. 221-226.
- [6] P. Brooks and C. D. Reeve, "Limitations in acousto-optic FM Demod-ulators," IEE Proc. Optoelectron, Vol. 142, No. 3, June 1995, pp. 149-156.
- [7] Anwar Helaly, "A Novel M-FSK Receiver Using an Acousto-optic Deflector," Proceedings of the 10th World Multi-Conference on Systemics, Cypernetics, and Informatics, Vol. V, July 16-19, 2006, pp. 31- 36.
- [8] Anwar Helaly, A novel digital PPM receiver using an Acousto-optic deflector, 6th International Symposium, on high capacity optical networks and Enabling Technology (HONET), Alexandria, Egypt, Dec. 2009.
- [9] Anwar M. Helaly, A chip-level OOK OCDMA receiver using an Acousto-optic deflector, National Institute for laser researches, Cairo, Egypt, 2010.