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| Name | **Dr. Bedir Bedir Yousif Aboelenein, Associate Professor** |
| **Photo** | **bedoo** |
| **Degree** | **Associate Professor of Electronics and electrical communications** |
| **Department** | **Electrical Engineering Department** |
| **General Specialization** | **of Electronics and electrical communications** |
| **Specialization** | **Nanoelectronics and optical communications** |
| **Home page** | **www.kfs.edu.eg/** |
| **Google Scholar** | [https://www.googlescholar.net**/profile/Bedir\_Yosif/?ev=hdr\_xprf**](https://www.googlescholar.net/profile/Bedir_Yosif/?ev=hdr_xprf) |
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| **Mobile** | **01062602180** |
| **Qualifications** | **PhD. in "modeling of optical nanoantennas " (2013)** |
| **MSc. in "**A study of wavelet processing in optics **" (2006)** |
| **Bachelor of electronic engineering (1999)** |
| **Research interests** | * Quantum dots, thin films, photovoltaic and Nano electronics. * Optoelectronics. * Integrated Optics and optical fibers. * Optical fiber communications. * Optical computers and Optical measurements. * Optical amplifiers and plasmonic devices |
| **Recent Publications** | 1- Seif eldin A. Zaghloul, **Bedir Yousif**, Mahmoud Elzalabani, Nehal Fayez Areed" Sensitivity maximization of leaky and weaky radiation micro/nano fiber sensors". Optical and Quantum Electronics (OQEL), Vol. 49-342, No. 10, pp(21)7/10/2017, **Springer**.  2- Ebrahim Eld Elsayed, **Bedir Yousif**, Mahmoud Elzalabani," Performance enhancement of the power penalty in DWDM FSO communication using DPPM and OOK modulation ". Optical and Quantum Electronics (OQEL), Vol. 50:282 , PP.1-36 ,2018, **Springer**.  **3- B. Yousif**, Ibrahim El. Metwally,  and A. S. Samra," A Modified topology achieved in OFDM/ SAC- OCDMA Based multidiagonal code for enhancement spectral efficiency". Photonic network communications, Vol. 37 , PP.1-10 ,2018, **Springer**.  4- **Bedir Yousif**, Ebrahim Eld Elsayed, Mahmoud Elzalabani," Atmospheric turbulence mitigation using spatial mode multiplexing and modified pulse position modulation in hybrid RF/FSO orbital-angular-momentum multiplexed based on MIMO wireless communications system". Optics communications ,Vol.436, PP.197-208 ,2019, **Elsevier**. |
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| **Academic Activities and management** | |  |  | | --- | --- | | ***1- Cheif information officer at Kafrelsheikh University since,11/2018 to now****.*  ***2- Manager of Information Network Unit at Kafrelsheikh University, since,7/2015 to 8/2016.***  ***3- A member of the Faculty Council 2016-2017.***  ***4- A member of the Department Council 2017-2018.***  ***5- Member of the Committee on Laboratories College 2017-2018.***  ***6- Member of Engineering Consulting Center, Faculty of Engineering, Kafrelsheikh University 2017-2018***  ***7- Head of examinations control of the fourth year of the faculty- Kafrelsheikh University. .***  ***8- Head of Strategic Planning Standard of the faculty- Kafrelsheikh University 2018,2019***  ***9- Member of the Committee for the Development of the Strategic Plan of the College 2017-2022***  ***10- Academic advisor for the diploma program in the field of digital and optical communications, 2015, 2016, 2017.*** |  | |  |  | |  |  | |
| **Devices of Department** | **--** |
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| **Subjects of Bachelor** | **Optical fibers communications.- Electronic engineering and Electronic circuits.**  **Electromagnetic Basics.- Electrical engineering.**  **Signals processing.- Analog and digital communications systems.**  **Electronics and digital Experiments.- Analog and digital communications Experiments.**  **Electrical and electronic measurements. - Optoelectronics devices and waveguides.** |
| **Subjects of post Graduates** | **Optical fibers communications - optical engineering** |