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| Name | **Dr. Ali –Abdelghaffar sakr, Associate Professor** |
| **Photo** | **Reserved** |
| **Degree** | **Associate Professor of Computer and Automatic Control** |
| **Department** | **Electrical Engineering Department** |
| **General Specialization** | **Computer and Automatic Control** |
| **Specialization** | **Computer networking** |
| **Home page** | **www.kfs.edu.eg/** |
| **Google Scholar** | [**https://scholar.google.com.eg/citations?hl=en&user=Sakr&view\_op=list\_works&sortby=pubdate**](https://scholar.google.com.eg/citations?hl=en&user=Sakr&view_op=list_works&sortby=pubdate) |
| **E-Mail** | [**ali\_asakr@eng.kfs.edu.eg**](mailto:ali_asakr@eng.kfs.edu.eg%20) |
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| **Qualifications** | **PhD. in "computer networking " (1994)** |
| **MSc. in "**distributed systems **" (1987)** |
| **Bachelor of Engineering in "computer Engineering" (1979)** |
| **Research interests** | **Internetworking, routing, Optimization, rough and fuzzy classification, microControl Systems Engineering, intelligent algorithms, genetic algorithms, speech recognition, pattern recognition, Artificial Intelligence, program logic Controls, Modeling and simulation, image processing, QoS, performance analysis and evolution, medical engineering.** |
| **Recent Publications** | 1. **R. Ghallab, Ali A. Sakr, M. Shokair;**   **"**Relay Assistant Protocol Based on ERIMA Scheme for Performance Enhancement in the Cellular Networks**",** IET **, jan. 2019**   1. **R Ghallab, Ali A. Sakr, M Shokair,**   **"**[**Electronic relay performance in the inband device-to-device (D2D) communication system**](javascript:void(0))**", Telecommunication**  **Systems, 1-11, 2018**   1. Fatma Eskandar, Ali A. Sakr, and Magdi Elias,   Detecting Types of Acute Lymphatic Leukemia using Matlab, ", IJMR, **Volume 7, Issue 2 ,Dec. 2018** ",   1. **A.A. Sakr, D.T. Mosa,**   **"**[**Development of an Intelligent Approach for Medical Knowledge Discovery and Decision Support**](javascript:void(0))**", Development 99 (6), 2017**   1. **Ali A. Sakr, ME Fares, M Ramadan**   **"**[**Optimizing network routing by deducing a QoS metric using rough sets**](javascript:void(0))**", International Journal of Computer Applications 91 (8), 2017**   1. **Ali A.Sakr, Magdi Elias Fares**   **"**[**Automated Focal Liver Lesion Staging Classification based on Haralick Texture Features and Multi-SVM**](javascript:void(0))**", International Journal of Computer Applications 91, (8), 17-25, 2017**   1. **Ali A. Sakr,**"Improved image segmentation algorithms for detecting types of acute lymphatic leukemia", **v25,  IET Image Processing, Nov.,2018** 2. **Ali A. Sakr, Diana M.**   "Data Flow Diagram of an Electronic Medical Record System in Mansoura Hospital"**, International Journal of Computer and Technology, (IJCT), Issn 2277-3061,  Vol. 15, no. 7 . April, 2016 .pp 6885-6897** |
| **Conferences** | **-** |
| **Positions** | |  |  | | --- | --- | | *Jul 2006 – present* | **Professor (Associate) of computer and control Eng.** | | *Aug 2007 – 2016* | **Head of Elect. dep., Vice Dean for Envir. & social affairs** | |
| **Devices of Department** | **--** |
| **Head of Department** | **Prof. Dr. Abdel-Fattah Attia** |
| **Contact us** | **01221215187** |
| **Subjects of Bachelor** | **Computerized Control Systems, *computer networks, data structures and algorithms, operating Systems, computer architectures and organizations, projects.*** |
| **Subjects of post Graduates** | **----** |