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| Name | Aied K Mohammed | | | | | | | |
| Education: | | | | | | | | |
| Degree | | Discipline | | | Institution | | | Year |
| الشهادة | | التخصص | | | الجهة المانحة | | | السنة |
| MSc | | Communication Eng. | | | University of science and technology of Languedoc Montpellier, France. | | | 1983 |
| PhD | | Communication Eng. | | | University of Salford, Manchester -England | | | 1991 |
| Academic experience: الخبرات | | | | | | | | |
| Institution | | | Rank | Title | | When | Full Time/Part Time | |
| UoT Dept. of Elec. Eng. Baghdad, Iraq | | | Member of staff | Assistant lecturer | | 1983-1991 | Full time | |
| UoT Dept. of Elec. Eng. Baghdad, Iraq | | | Member of staff | lecturer | | 1991-1998 | Full time | |
| University of Mu'tah, Jordan | | | Member of staff | Asst.Prof | | 1998-2009 | Full time | |
| Dept. of Elec. Eng. Baghdad, UoT- Baghdad | | | Member of staff | Asst.Prof | | 2009-up to now | Full time | |
| Non-academic experience: الخبرات خارج مجال التعليم | | | | | | | | |
| Company or entity | | | Title | position | | When | Full Time/Part Time | |
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| Certifications or professional registrations: | | | | | | | | |
| الشهادات المهنية (تكتب هنا) | | | | | | | | |
| Current membership in professional organizations: | | | | | | | | |
| 1-Member of the Iraqi Engineering Society (consultant).  2-Member of the union of the Iraqi Teaching Profession Association | | | | | | | | |
| Honors and awards: | | | | | | | | |
| Obtained three University of Technology Shields. | | | | | | | | |
| Service activities (within and outside of the institution): | | | | | | | | |
| 1. Head of electronic and communication division at the department of Electronic and Electrical Engineering (UoT).   2-Head of optical communication engineering division at the dept. of communication engineering (UoT).   1. Supervisor of postgraduate studies in the Dept. of Electrical Engineering (UoT).   3- Head of the scientific promotion committee at the Dept. of communication Eng. and a head of scientific promotion committee of communication engineering division at the department of electrical engineering (UoT)  4- Member of postgraduate Committee in the Dept. of Electrical  Engineering, Faculty of Engineering, University of Mu’tah.  5- Member of the department council (Dept. of Electrical Engineering, Faculty of Engineering, University of Mu’tah).  6-Member of university commission for the postgraduate studies (UoT).  7-Academic supervision of the communication lab's. which involves the development of new experiments. | | | | | | | | |
| Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation: | | | | | | | | |
| 1- Performance evaluation of path loss in mobile channel for Karada district in Baghdad city. Accepted for publication, Journal of Eng. and Technology, University of Technology, Baghdad- Iraq.  2-Simulation and evaluated of OADM based on Bragg gratings and 3dB MMI Coupler. Accepted for publication, Journal of Eng. and Technology, University of Technology, Baghdad- Iraq.  3- Design and performance evaluation of WiMAX E-government network for the Baghdad city. Published, International Journal of Scientific & Engineering Research, Volume 6, Issue 1, January-2015. ISSN 2229-5518  4- Radio-Over- fiber system capacity improvements by using WDM and sub carrier multiplexing techniques. Accepted for publication, Journal of Eng. and Technology, University of Technology, Baghdad- Iraq.  5- Simulation design of back propagation of aback propagation neural systemof sensor network trained by particle swarm optimization. Accepted for publication at International Journal of Scientific &Engineering Research (IJSER).  6- FPGA Based Realization of an Intelligent Sensor Network. Accepted for publication at Maxwell Scientific Publication Corp**.**  7- Design and implementation of an interface unit used for wireless sensor network. Accepted for publication, Journal of Eng. and Technology, University of Technology, Baghdad- Iraq.  8- Performance Enhancement by Adaptive Resource Allocation.  Third IEEE international conference on artificial intelligence, modelling and simulation. Malaysia (2-4) December 2015.  9- New method to improve the gain ripple in single and double stage double passErbium doped fiber amplifier in multichannel of optical communication  system. International Journal of Computer Applications (0975 – 8887) Volume 149 – No.8, September 2016.  10- Performance Analysis of Designing a Hybrid Optical Amplifier (HOA) for 32 DWDM Channels in L-band by using EDFA and Raman Amplifier.  International Journal of Computer Applications (0975 – 8887) Volume 149 – No.8, September 2016.  11- Proposed Multi-Stage PSO Scheme for LTE Network Planning and Operation. International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 20 (2016) pp. 10199-10210. | | | | | | | | |
| Briefly list the most recent professional development activities: | | | | | | | | |
| Many continuing education courses in the field of optical communication and mobile systems had been done, held at the UoT continuing education center. | | | | | | | | |

CV table