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| F:\Taqyeeeeeeeeeem\ISAM16.jpg  Isam Salah Hameed Khamees  (Isam Hameed)  Lecturer in  Department of Electronic Engineering,  College of Engineering, University of Diyala,  Baqubah, Diyala Province, Iraq  [isamsh@uodiyala.edu.iq](mailto:isamsh@uodiyala.edu.iq)  isamud84@gmail.com | |
| Personal  Information | * Nationality: Iraqi * Country of Residency: Iraq * H index: 3 (based on the researcher's data) * Address: 32001 Baqubah, Diyala Province, Iraq |
| Education | * **M.Sc. Degree** in Electronic Engineering, 2011-2013 Bridgeport University / College of Engineering , USA   Thesis Title: Computerized Retinal Vessel Detection By Using Morphological Operations And A Novel Star Network Pixel Tracking Algorithm.   * **B.Sc.** **Degree** in Electrical Engineering, 2001-2005 College of Engineering – Diyala University-Iraq.   B.SC. project (May,2005)  Title: "Identification the system with Recursive Least Square and Improvement the Performance of the system by (PID) Controller". |
| Languages | * English : Reading, writing, and speaking. * Arabic: Mother tongue. |
| Teaching | * Microelectronic. * Digital Signal Processing. * Advance programming using MATLAB. * Electrical Eng. Fundamentals. * Cultural activities. |
| Training Courses and Workshops | * Computer Programming Course for one month in College of Education–Computer Department – Baghdad University – Iraq - 2014. * Methods of Teaching Course for one month in College of Education – Diyala University – Iraq - 2014. * English Language Certificate with honor - ELI – Bridgeport University – USA - 2011. |
| Software and Tools | * Basic, C & C + + . * MATLAB : Coding and Simulink . * Mitsubishi and Allen Bradley PLCs ladder programming. * Digital signal processor kit ( DSK6713) programming using C-language. * Electronics Workbench. * OrCAD PSpice. |
| Work Experiences | * Lecturer in the laboratories of Diyala University / Electronic department since 2005 up to 2009. * Helping and supporting seniors in preparing and achieving their graduated projects. * The Average of the four academic years is (75.821) & ranked the (1) out of (45) for first and second attempt. * An engineer in the unit of internet and computers maintenance since 2006 to 2011. * Teaching Fundamentals of Electrical circuits (DC) for the first stage, teaching Digital Signal Processing   (DSP) for third stage, and Teaching Microelectronic for the fourth stage.   * Winning the second place at ASEE Conference 2013 in Norwich University, state of Vermont, USA on the 15 of March 2013 by participating with a project under the title “Blood Vessel Segmentation in Retinal Images with a Novel Network Tracking Algorithm” under the advising of Professor Buket Barkana. Assistant Professor, Department of Electrical Engineering, University of Bridgeport, 221 University Ave., Bridgeport, CT, 06604, USA [bbarkana@bridgeport.edu](mailto:bbarkana@bridgeport.edu). * (October 2014 – May 2021): Lecturer/ Teaching Assistant at Diyala University/ College of engineering (Iraq). * Lecturer at the Electronic Engineering Department, College of Engineering, Diyala University and the rapporteur of the department. |
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| Professional memberships  Publications  Journal **:** | * Rapporteur of the Department of Electronic Engineering, | |
|  | | No | Title of research | Journal name | Publisher or hosting | ISSN | | --- | --- | --- | --- | --- | | 1 | Blood Vessel Segmentation In Retinal Images By Morphological Operations And By A Novel Pixel Tracking Algorithm | International journal of innovative computing, information & control: IJICIC | Ei Compendex (Elsevier)  Scopus (Elsevier)  INSPEC (IET) | 1349-4198 | | 2 | Implementation of El-Gamal algorithm for speech signals encryption and decryption | Procedia Computer Science 167, 1028-1037 | Scopus (Elsevier) | 1877-0509 | | 3 | Microwave Power Absorption Evaluation of River Shell Particles Reinforced Polyester Composite | Periodica Polytechnica Electrical Engineering and Computer Science | scopus | Online ISSN : 2064-5279  Print ISSN : 2064-5260 | | 4 | Secure Transceiver Based on Independent Component Analysis (ICA) Algorithm | The International Journal of Intelligent Engineering and Systems (IJIES) | scopus | 2185-310X | |

Publications:

**Conference**

| **No** | **Conference** | **Paper title** | **Proceeding or journal name** |
| --- | --- | --- | --- |
| 1 | Ninth Annual IEEE Conference on Long Island Systems, Applications and Technology (LISAT 2013), May 2013 | A Novel Vessel Segmentation Algorithm in Color Images of the Retina | IEEE |
| 2 | Blood Vessel Segmentation in Retinal Images with a Novel Network Tracking Algorithm | American Society of Engineering Education (ASEE) Northeast Section Conference | ASEE |

More information about my scientific activity can be found via links below:

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| Google Scholar | <https://scholar.google.com/citations?user=R39qxFkAAAAJ&hl=en> |
| Research Gate | <https://www.researchgate.net/profile/Isam_Hameed> |
| Acadimeca.edu | <https://uodiyala.academia.edu/IsamHamee> |

Publons  <https://publons.com/author/1231338/isam-salah-hameed#profile>







