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| F:\Taqyeeeeeeeeeem\ISAM16.jpgIsam Salah Hameed Khamees(Isam Hameed)Lecturer inDepartment of Electronic Engineering,College of Engineering, University of Diyala,Baqubah, Diyala Province, Iraqisamsh@uodiyala.edu.iqisamud84@gmail.com |
| PersonalInformation | * 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.
* (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 membershipsPublicationsJournal **:** | * Rapporteur of the Department of Electronic Engineering,
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| 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 : 2064-5279Print 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 |

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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>







