

Curriculum Vitae

Dr. Asmaa Sadiq Abdul Jabar

Mustansiriyah University – College of Science

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PERSONAL SUMMARY:

B.Sc. in physics science.
Higher Diploma in Computer science.
M.Sc. in computer science.
Ph.D. in computer science.

EDUCATION:

- #1: Higher Diploma in Computer science/University of Technology, Baghdad, Iraq, 1997.
- #2: M.Sc. in Computer Science, Iraqi Commission for Computers & Informatics, Baghdad, Iraq, 2002
- #3: PhD in Computer Science, University Technology Malaysia (UTM), Malaysia, 2017.

ACADEMIC HONORS AND AWARDS:

- #1: Distinguished Lecturer 2011.

ACADEMIC /TEACHING EXPERIENCE:

- #1: Lecturer in College of Science / Computer science Depart Since 2002.
- #2: Lecturing for theoretical and practical subjects for undergraduate students
- #3: Supervision on the projects of primary studies students

COURSES TAUGHT:

Undergraduate	Graduate
1. Programming Fundamentals in C# / class 1 2. Image processing / class 4 3. Data structure / class 2 4. Logic Design / class 1 5. Web Design / class3	

PROFESSIONAL AFFILIATIONS:

- Member of the Committee on Examination of 6 years, the Committee discussed the preliminary studies student projects, a member of the committees for extraction of master's thesis for the purpose of promotion.
- Member of the Board of the Department of Computer from 2004 to 2011.
- Member of the Committee on scientific (2017-2018)
- Head of the curriculum follow-up committee (2017-2018 and 2018-2019)

- Head of CS branch (2018-2019)

PUBLICATIONS:

- Papers.
 - 1- A Survey of Corner Detectors (2004), Al_Mustansiriyah Journal of College of Education.
 - 2- New Search for Video Compression (2006), Al_Mustansiriyah Journal of Science.
 - 3 - Enhancement the Images using the Histogram (2006), Al_Mustansiriyah Journal of College of Education.
 - 4 - A digital Image Watermarking Technique for Copyright Protection (2007), Iraqi Association of Information Technology.
 - 5- Geometric Operations Using Lagrange and Bicubic Interpolation Methods (2007), Al_Mustansiriyah Journal of Science.
 - 6- Survey on Gap Filling Algorithms in LANDSAT 7 ETM+ Images (2014), Journal of Theoretical and Applied Information Technology (Scopus).
 - 7- Single and Multi-source Methods for Reconstruction the Gaps in Landsat 7 ETM+ SLC-off Images (2015), Research Journal of Applied Sciences, Engineering and Technology (Scopus).
 - 8- Recovering defective Landsat 7 Enhanced Thematic Mapper Plus images via multiple linear regression model (2016), IET Computer Vision, under Thomson routers impact factor 0.59.
 - 9- Reconstruction the Missing Pixels for Landsat ETM+SLC-off Images Using Multiple Linear Regression Model (2016), ARO-The Scientific Journal of Koya University.
 - 10- Recovering the large gaps in Landsat 7 SLC-off imagery using weighted multiple linear regression (WMLR). (2017), Arabian Journal of Geosciences, Thomson Routers.
 - 11- A Survey of human face detection methods. (2018), Journal of AL-Qadisiyah for computer science and mathematics.
 - 12- Vegetation Detection Using Remote Sensing Images And Ndvi Index: In Marshlands Of Iraq (2018). Clarivate
 - 13- Integrated Software Project Risks Method Based On Pdf-Ann Techniques (2018). Scopus
 - 14-Satellite Images Segmentation Based on Histogram and Active Contour Algorithm (2019)
 - 15- Image Segmentation Based On Generated Intensity Templates with K-Means Clustering and Detection Techniques (2019).

PROFESSIONAL DEVELOPMENT

- Certifications. : IC3.
- Copyrights:
 - 1- Copyright of “*Single and Multi-Source Methods for Reconstruction the Gaps in Landsat7 ETM+ SLC-off Images* “
 - 2- Copyright of “*Recovering defective Landsat 7 ETM+ images via multiple linear regression model* “