

Curriculum Vitae

Assistant professor **Dr. amel H. Abbas**

Al-Mustansiriyah University – College of Science

Mobile: +9647814108367

Email: dr_amal2006@yahoo.com

PERSONAL SUMMARY:

The theoretical studies and analysis of; medical image processing, digital signal processing, and.

EDUCATION:

- Ph.D. #1: 2003
- M.Sc. #2:1996
- B.Sc. #3:1988

ACADEMIC HONORS AND AWARDS:

ACADEMIC /TEACHING EXPERIENCE:

- Numerical Analytic (under graduate).
- Multimedia Systems (under graduate).
- Visual basic languish programing (under graduate).
- Programing in MATLAB (under graduate).
- Astronomy Basic (under graduate)
- Optics Basic (theoretical and practical) (under graduate)
- Basic of computer and office application (theoretical and practical) (under graduate)
- Digital Image Processing (post graduate).

COURSES TAUGHT:

Undergraduate	Graduate
2 nd and 3 rd class	Msc

PROFESSIONAL AFFILIATIONS:

- Member of the examination for undergraduate studies
- Member of discussed a preliminary graduation projects
- Member of the commission extension of education
- Member of the commission curriculum
- Member of the commission graduate

PUBLICATIONS:

1. Asmaa Sadiq ,Layla Hussain,Amel H.Abbas "Image Enhancement By Using the Histogram "Journal of the College of Education"no.3,2006.

2. Dr.Amal H.Abass, Layla Hussain"Edge Detection of the microscopic images using AND Binary Operation" Journal of the College of Basic Education, vol.18, no.74, 2012.
3. Amel H.Abbas,Jamila Harbi S.Layla H.Abbas"Image Quality Measures With different Radiometric Resolution"International Journal of Engineering Research and Development"Vol.7,pp.62-66,issue (May 2013).
4. Dr.Amal H.Abbas, Layla Hussain"MRI image contrast enhancement using contrast limited adaptive histogram equalization" وقائع المؤتمر الحادي والعشرين كلية التربية الجامعة المستنصرية ٢٠١٥
5. Mohammed Y. Kamil Amel H.Abbas "Brain Tumor Area Calculation using Morphological Operations". وقائع المؤتمر الحادي والعشرين كلية التربية الجامعة المستنصرية ٢٠١٥
6. Dr.Amal H.Abbas, Layla Hussain" Identification the Best Histogram Techniques for Brain MRI Image Enhancement Depend on Different Quality Metrics " Iraqi Journal of Information Technology" 2016.
7. Amel Hussain¹ and Jamila Harbi²., Contrast Enhancement of Object based on Top-Hat Transformation". Al- Mustansiriyah J. Sci. Vol. 24, No 5, 2013.
- 8.
9. Layla Hussain , Dr.Amal H.Abbas" Correction of Non-Uniform Illumination For Biological Images Using Morphological Operation Assessing with Statistical Features Quality"Ibn AL-Haithm Journal for Pure and Application ,2016.
10. 7- Layla Hussain , Dr.Amal H.Abbas "Comparison of Various Gradient Types of Biological Image with Morphological Operations " Iraqi Journal of Science Vol. 57, No. 24 ,2016
11. Amel H.Abbas,Jamila Harbi S.Layla H.Abbas"Image Quality Measures With different Radiometric Resolution"International Journal of Engineering Research and Development"Vol.7,pp.62-66,issue (May 2013).
12. Measurement Of The Growth In The Magnetic Field Of Pulsar By Using Spin Frequency. Journal of Multidisciplinary Engineering Science Studies (JMESS) ISSN: 2458-925X Vol. 2 Issue 7, July – 2016
13. Dr.Amel H.Abbas 'Mathematical Morphology Operations on Grayscale Image'. 'السابع العدد 1' 0 الأساسية التربوية كلية مجلة 1 1122 والستون

PROFESSIONAL DEVELOPMENT

- Certifications. 3
- Conferences. 10
- Workshops. 7