***Curriculum Vitae***

***Lecturer Layla hussain Abaas***

***Mustansiriyah University – College of Science***

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**Personal Summary:**

The theoretical studies and analysis of; image processing, medical image processing

**Education:**

* M.Sc. #2:2000
* B.Sc. #3:1990

**ACADEMIC HONORS AND AWARDS:**

* #1:
* #2:

**ACADEMIC /TEACHING EXPERIENCE:**

* N umerical Analytic
* Advance Mathematical

Discreet mathematical-

Visual Basic / Department of Life Sciences / class
 Computers (theoretical and practical) // Department of Life Sciences class1
 the basics of computer and office applications (theoretical and practical) / Department of Chemistry Science / class1

|  |  |
| --- | --- |
| **Undergraduate** | **Graduate** |
| First ,2nd , class |  |

**PROFESSIONAL AFFILIATIONS:**

• Committees: Committee exam (9 years)
• lobster contents of the store
• The Committee discussed a preliminary graduation projects
• The Committee on Quality Assurance
• committee for supervising students
• Scientific Committee Alastellal 2015
• committee to discuss graduation projects at the Deanship of the Faculty of Science

**PUPLICATIONS:**

* Papers.
1. **Asmaa Sadiq ,Layla Hussain*,*Amel H.Abbas "Image Enhancement By Using the Histogram "Journal of the College of Education"no.3,2006.**
2. Layla Hussain***"Liner and Quadratic Interpolation "Iraqi Journal of Information Technology"Vol.4, no.2, 2007.***
3. ***ليلى حسين –احلام مجيد"دراسة التباين كدالة لوضوحية الصورة النصية بشرط اضاءة غير منتظمة"***

 ***المؤتمر السابع عشر –كلية التربية الجامعة المستنصرية 2010 وقائع***

1. Layla Hussai***n"***
2. ***على لوحة بيضاء داخل قاعة* الدرس تحت شروط اضاءة غير منتظمة *دراسة التباين الاحصائي المباشر والعمودي لوضو حيةالنص "Iraqi Journal of Information Technology"Vol.4, no.2, 2012.***
3. ***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.***
4. Layla Hussai***n"The Best Measure of Image Quality"Al-Mustansiriyah Journal of Science,Vol.22,No.74,2012.***
5. Layla Hussai***n"Evalute Lee Method Using For Enhancement Captured Images Under Homogenous Lightness"*** Accepted in
6. ***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).***
7. ***11-*** Layla Hussai***n"*** Anwar H.Mahady***"* Contrast Enhancement of Different Types Dark Medical Images"** Accepted in
8. Layla Hussai***n"Detection Cancer Cell Of Mammographic Based on Top-Hat Transformation"***

***Al-Mustansiriyah Journal of Science, Vol.26, No.1, 2015.***

***12-*** Dr.Amal H.Abbas, Layla Hussain***"MRI image contrast enhancement using conterast limited adaptive histogram equalization" المؤتمرالحاديوالعشرين كلية التربية الجامعة المستنصرية 2015 وقائع***

***13-*** 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.***

***14-*** 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.**

**15-** 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 .**

* Etc.

**PROFFESSIONALDEVELOPMENT**

* Certifications. : IC3
* Workshops.2