

Curriculum Vitae (CV)

السيرة الذاتية

Assistant. Prof. Dr. Meftah Salem M. Alfatni



Faculty of Information Technology, Al-Asmarya
Islamic University (AIU), Zliten, Libya.

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A. Personal Details:

بيانات شخصية

Name: Meftah Salem M. Alfatni
Nationality: Libyan
Date of Birth: 26 Jul 1976
Gender: Male
Marital Status: Married
Home Address: Alkhomes – Libya

الاسم: مفتاح سالم محمد الفتني
الجنسية: ليبي
تاريخ الميلاد: 26 \ 7 \ 1976
الجنس: ذكر
الحالة الاجتماعية: متزوج
العنوان: الخمس - ليبيا

B. Area of Specialization:

مجال التخصص

Computer Engineering, Computer Vision, Digital Image Processing, Information Technology, Machine Learning, Artificial intelligence and Remote Sensing.

C. Academic Qualification:

المؤهل العلمي

February 2017 - date:
Assistant Professor
Computer science department
Faculty of Information Technology,
Al-Asmarya Islamic University (AIU),
Zliten, Libya.

June 2016 - February 2017:

Lecturer

Computer science department
Faculty of Information Technology,
Al-Asmarya Islamic University (AIU),
Zliten, Libya.

December 2013 – June 2016

Postdoctoral Researcher.

Faculty of Engineering,
Universiti Putra Malaysia
Serdang, Malaysia.

July 2008 - December 2013:

PhD Student (Computer Vision Application in Agricultural Crop Quality Inspection).

GIS & Geomatics Engineering,
Faculty of Engineering,
Universiti Putra Malaysia
Serdang, Malaysia.

July 2004 - March 2007:

Master of Science Student (Remote Sensing & GIS).

Faculty of Engineering,
Universiti Putra Malaysia
Serdang, Malaysia.

December 1994 – September 1999:

Bachelor of Science Student (Computer Engineering)

Engineering Academy.
Tajora, Libya.

D. Skills:

المهارات

1. Scientific Research
2. Scientific Paper with Searching, Writing and publishing skills
3. Prize presentation software.
4. Multimedia & Internet skills.

5. MatLab programming language.
6. LabView programming language.

E. Language Proficiency إجادة اللغة

| | Reading قراءة | Writing كتابة | Listening إستماع | Speaking محادثة |
|---|-------------------------|-------------------------|----------------------------|---------------------------|
| Arabic Language اللغة العربية | Excellent ممتاز | Excellent ممتاز | Excellent ممتاز | Excellent ممتاز |
| English Language اللغة الانجليزية | Excellent ممتاز | Excellent ممتاز | Excellent ممتاز | Excellent ممتاز |

F. Professional membership العضوية المهنية

1. Institution of Geospatial and Remote Sensing Malaysia (IGRSM).

G. Work / Administrative Experience: الوظائف / الخبرة الإدارية

1. **15 July 2019 - date: Head**, Information Technology Center (ITC), Al-Asmarya Islamic University (AIU), Zliten, Libya.
2. **13 April 2019 - date: Director**, Technical Consulting Office (TCO), Al-Asmarya Islamic University (AIU), Zliten, Libya.
3. **24 October 2017 – 13 April 2019: Dean**, Faculty of Information Technology, Elmergib University (AU), Al-Khomes, Libya.
4. **21 February 2017 - 24 October 2017: Lecturer** and **Head** of Computer Science Department, Faculty of Information Technology, Al-Asmarya Islamic University (AIU), Zliten, Libya.
5. **10 June 2016 - 21 February 2017: Lecturer** and **Head** of Research and Consulting Office, Faculty of Information Technology, Al-Asmarya Islamic University (AIU), Zliten, Libya.
6. **16 April 2014 – 6 June 2016: Post doctorate** in the field of Computer Vision application, Faculty of Engineering, Universiti Putra Malaysia, Serdang, Malaysia.

7. **01 January 2010 to 30 December 2010:** country Representative Libya, International Students' Association (UPMISA) 2010 – 2011, Universiti Putra Malaysia.
8. **01 Jul 2004 to 9 December 2013:** Researcher, Computer Engineering, Computer vision application, Geospatial Information Science Research Centre, Faculty of Engineering, Universiti Putra Malaysia.
9. **Jan 2000 to September 2003:** Lecturer, Computer Engineer, Department of Computer Engineering, Libyan Government.
10. Successfully participated as a **Conference committee** at "MRSS 6th International Remote Sensing & GIS Conference and Exhibition" which held on **28th and 29th April 2010**, Putra World Trading Center, Kuala Lumpur, jointly organized by Universiti Putra Malaysia (UPM) and Malaysian Remote Sensing Society (MRSS).
7. Successfully participated as a **Secretariat** in the program "**GIS Day 2009**" which held on **11th February 2009**, jointly organized by Universiti Putra Malaysia (UPM) and Malaysian Remote Sensing Society (MRSS).
8. Successfully participated as a **Secretariat** in the program "**GIS Day 2010**" which held on **4th March 2010**, jointly organized by Universiti Putra Malaysia (UPM) and Malaysian Remote Sensing Society (MRSS).
9. Successfully participated in the program "**PALM OIL MILLING TECHNOLOGY COLLOQUIUM 2016 (POMTeC'16)**" which held on **HOTEL UiTM SHAH ALAM**, 30th -31th March 2016, jointly organized by Universiti Putra Malaysia (UPM), Universiti Teknologi Mara (UiTM) and Universiti Teknologi Malaysia (UTM).

H. Committees assigned:

اللجان المكلف بها

1. Head of the scientific committee of The Second Libyan International Conference on Open Educational Resources and Digital Repositories, which will be held in Al-Asmarya Islamic University, Zliten, Libya from 12 to 13 October 2019.
2. Scientific committee member at The Third INTERNATIONAL SCIENTIFIC Conference Applied Geomorphometry, GIS and Remote Sensing in Earth Sciences and Environment, which will be held in Beirut, Lebanon from 20 to 24 NOV 2019.

3. Scientific committee member at "The 5th International Conference on Water, Energy, Food and Agricultural Technology - Istanbul, Turkey, 20-23 March 2019.
4. Scientific committee member at "The 12th International Congress of Gis and Geospace Applications Geo-Tunis", LAICO Hotel: Hammamet, Tunisia from 26 to 30 NOV 2018.
5. Conference committee member at "The First Conference for Engineering Sciences and Technology CEST-2018", September 25 - 27 / 2018 - Garaboulli, Libya.
6. Conference committee member at "MRSS 6th International Remote Sensing & GIS Conference and Exhibition", on April 28-29, 2010 at PWTC, Kuala Lumpur, Malaysia
7. Chairman of the Committee for the final examinations of students for the fall semester of the academic year 2016/2017, Faculty of Information Technology, Al-Asmarya Islamic University, Zliten, Libya
8. Chairman of the committee to review the final exams for the fall semester of the academic year 2016/2017, Faculty of Information Technology, Al-Asmarya Islamic University, Zliten, Libya
9. Chairman of the committee to review the final exams for the fall semester of the academic year 2016/2017, Faculty of Information Technology, Al-Asmarya Islamic University, Zliten, Libya
10. Chairman of the Committee for the examination of the differentiation of the Department of Computer Science For applicants of new staff, Faculty of Information Technology, Al-Asmarya Islamic University, Zliten, Libya
11. Member of the Committee for the Settlement of faculty members in scientific departments, Faculty of Information Technology, Al-Asmarya Islamic University, Zliten, Libya
12. Member of the committee to complete the manual of the Faculty of Information Technology, Al-Asmarya Islamic University, Zliten, Libya
13. Member of an external committee for the examination of the differentiation of the Department of Computer Science For applicants

of new staff, Faculty of Information Technology, Al-Mergeb University, Zliten, Libya.

I. Training Responsibilities:

مسؤوليات التعليم و التدريب

1. **Lecturer** in one day workshop about the scientific research and its impact on third world countries untitled “**The scientific research & the Research Paper and Skills of Searching, writing and publishing**” organized by the Union Euro Arab of Geomatics & Academy of Engineering and Medical Science & Al-Hattan Center for Studies and Research on **Scientific Excellence Award 2020** – 26-28 February 2020, Khartoum, Sudan.
2. **Lecturer** in one day workshop through Wheel project for Libyan higher education development untitled “**The ICT & Infrastructures for Libyan’s higher education development**” organized by the International Cooperation Office at Alasmarya Islamic University – 6 February 2020, Zliten, Libya.
3. **Lecturer** in one day workshop to develop research skills on “**The Research Paper and Skills of Searching, writing and publishing**” which was held on 28 December 2018, organized by the 5th International Conference on Water, Energy, Food and Agricultural Technology - 20-23 March 2019, Crown Plaza Istanbul HarbiyeCO Hotel: Istanbul, Turkey.
4. **Lecturer** in one day workshop to develop research skills on “**The Research Paper and Skills of Searching, writing and publishing**” which was held on 28 December 2018, organized by The 12th International Congress of Gis and Geospace Applications Geo-Tunis, LAICO Hotel: Hammamet, Tunisia.
5. **Lecturer** in tow (2) days’ workshop to develop research skills on “**The Research Paper and Skills of Searching, writing and publishing**” training course which was held on 13 - 14 November 2018, organized by Solar Research and Studies Center in Tripoli, Libya.
6. **Lecturer** in tow (2) days’ workshop to develop research skills on “**The Research Paper and Skills of Searching, writing and publishing**” training course which was held on 20 and 21 February 2017, organized by Faculty of Engineering, Al-Mergeb University (AIU), Al Garaboulli, Libya..
7. **Lecturer** in one day workshop development program on “**The Research Paper and Skills of Searching, writing and publishing**” training course which

was held on 28 April 2018, jointly organized by Scientific Forum for Libyan Students Malaysia & Libyan Embassy in Malaysia.

8. Successfully participated as **Lecturer** in Two days' workshop development program entitled "**Scientific Research and Research Paper and their Effective Role in the Development of Individual Skills and Local Product (Cement)**" organized by the Technical Department and Training Department of at the National Company for Cement, Al-Khamis, Libya on 13-14 February 2018.

9. Successfully participated as **Lecturer** in One day' workshop development program entitled "**The Research Paper and Skills of Search, writing and publishing**" training course which was held on 23 February 2017, organized by Faculty of Economics , Al-Asmarya Islamic University (AIU), Zliten, Libya.

10. Successfully participated as **Lecturer** in Two days' workshop development program on "**The Research Paper and Skills of Search, writing and publishing**" training course which was held on 20 and 21 February 2017, organized by Faculty of Economics (Research and Consulting Office), Al-Mergeb University (AIU), Al-Khoms, Libya.

11. Successfully participated as **Lecturer** in Two days' workshop development program on "**The Research Paper and Skills of Search, writing and publishing**" training course which was held on 30 and 31 August 2016, jointly organized by Faculty of Information Technology (Research and Consulting Office) & Faculty Members Guild , Al-Asmarya Islamic University (AIU), Zliten, Libya.

12. Successfully Participated as **Training Demonstrator** in the module "**Geospatial Training**" which was held on March 24, 2016, jointly organized by Universiti Putra Malaysia (UPM) & Malaysian Rubber Board (MRB).

13. Successfully participated as **Lecturer** in one-day workshop development program on "**The Research Paper and Skills of Search and publishing**" training course which was held on 28 October 2015, jointly organized by Higher Institute of comprehensive occupations, Misurata, Libya.

14. Successfully participated as **Lecturer** in one day workshop development program on "**The Research Paper and Skills of Search and publishing**" training course which was held on 17 January 2015, jointly organized by Universiti Putra Malaysia (UPM) & Libyan Embassy.

15. Successfully participated as **Lecturer** in one day workshop development program on “**The Research Paper and Skills of Search and publishing**” training course which was held on 24 December 2014, jointly organized by Universiti Putra Malaysia (UPM) & Libyan Embassy.

16. Successfully Participated as **Training Demonstrator** in the program “**Training on GPS Lining of Oil Palm and Precision Farming**” which was held on 17 April 2012, jointly organized by Universiti Putra Malaysia (UPM) & Malaysian Palm Oil Board (MPOB).

17. Successfully Participated as **Training Demonstrator** in the program “Precision Farming module of the **Intensive Diploma** in Oil Palm Management & Technology (IDOPMT)” on 20 July 2009, Organized by Malaysian Palm Oil Board (MPOB) & Universiti Putra Malaysia (UPM).

18. Successfully participated as **Lecturer** in one day workshop development program on “**How to choose appropriate scientific journal of the research paper**” which was held on 12 April 2009, jointly organized by Universiti Putra Malaysia (UPM) & Libyan Embassy.

J. Teaching Responsibilities:

مسؤوليات التدريس

1. Computer vision
2. Digital image processing
3. Introduction to computer engineering
4. Fundamental of electrical engineering
5. Data structure & algorithmic design
6. Computer architecture & organization
7. Data acquisition systems
8. Computer peripherals & interface
9. Pattern recognition
10. Artificial intelligent & expert system
11. English for Information Technology
11. Computer lab
12. Remote sensing
13. GIS

K. Courses/Trainings/Workshop Attended:

1. Successfully participated and completed a 2 days professional development program on “**MATLAB Workshop**” training course in Malaysia on 5 & 6 Sep 2006, organized by **IEEE UKM STUDENT BRANCH, Faculty of Engineering, UKM.**
2. Successfully Participated and completed the “**Lab VIEW Basic I: Introduction**” training course in Malaysia last 2-4 November 2009, organized by **National Instruments.**
3. Successfully participated and completed the “**Lab VIEW Basic II: Development**” training course in Malaysia last 3-4 December 2009, organized by **National Instruments.**
4. Successfully participated and completed a 12-hour professional development program on “**IMAGE PROCESSING: TEXTURE ANALYSIS WITH MATLAB HANDS-ON APPLICATIONS**” training course in Malaysia on 9&10 Aug 2010, organized by **Professor Maria Petrou** under **TEKBAC GROUP OF COMPANIES.**

L. Research Projects:

المشاريع البحثية

1. Successfully designed and developed a full real-time fruit grading system (**hardware & software**) algorithm based on **LabView and MatLab programming language. (Done).**
2. Designing and implementing an electronic system for the management of graduate studies at the Al-Asmarya Islamic University, Zliten, Libya. (**Done**).
3. Designing and developing the digital repository of the Al-Asmarya Islamic University based on the inclusion of open educational resources locally, regionally and internationally. (**On going**).

A. Award, Medals and Recognitions: الجوائز والميداليات وشهادات التقدير

1. **Gold Medal**, in Universiti Putra Malaysia Pameran **PRPI2010** (Real Time Oil Palm Fruit Bunch Grading System)

2. **Silver Medal**, in Malaysia Technology Expo, **MTE2011** (Real Time Oil Palm Fruit Bunch Grading System).
3. **Malaysian Innovative Product Award**, in International Invention, Innovation & Technology Exhibition, **ITEX2012** (Real Time Oil Palm Fruit Bunch Grading System).

M. Patents:

براءات الاختراع

1. **Fruit Ripeness Grading System**, has been granted and published under the Patent Number: **UPM/100-45/2 (A) MY157647A**, grant and publishing date of patent: **6/9/2016**. (**Malaysian Patent**).
2. **Fruit Ripeness Grading System** has been granted and published under the Patent Number **RP: NG/C/2013/231**, Date of Patent: **20/03/2013**, under the Foreign Priority No: **PCT/MY2011/000202** Dated **14/09/2011**, **MY PI 2010700069** Dated **23/09/2010**. **FEDERAL REPUBLIC OF NIGERIA**, grant and publishing date of patent: **04/03/2016** (**Nigerian Patent**).

N. Copyrights:

حقوق الطبع والنشر

1. **Real Time Oil Palm Fruit Grading System (v1.5)** has been copyrighted under the copyright No: **B 222** with copyright date: **13 May 2010**, **UPM, Malaysia**.

O. Keynote Speaker:

متحدث رئيسي

1. **Keynote Speaker**; Lecture untitled “**The Research Paper and Skills of Searching, writing and publishing**” presented on the **6th** International Scientific Conference on Scientific Researches organized by the Higher Institute of Science and Technology – **Al-Khomes, Libya**, **28 December 2017**.

P. Reviewer:

مراجع ومصحح للمجلات العلمية الاتية:

1. Signal, Image and Video Processing **journal - Springer.**
2. Bio systems engineering **journal - Elsevier.**
3. Computer Methods and Programs in Biomedicine **journal - Elsevier.**
4. **Journal** of Food Processing & Technology - **OMICS.**
5. African **Journal** of Plant Science.
6. **Journal of the Chemical Society of Pakistan**

PUBLICATIONS:

النشر العلمي

Q. Conferences papers:

أوراق بحثية ثم نشرها بمؤتمرات علمية

1. **MSM Alfatni**, Abdul Rashid Mohamed Shariff, Osama M. Ben Saaed, Atia Mahmud Albhbah, and Aouache Mustapha. (2020). “Colour Feature Extraction Techniques for Real Time System of Oil Palm Fresh Fruit Bunch Maturity Grading. *10th IGRSM International Conference and Exhibition on Geospatial & Remote Sensing (IGRSM 2020)*, Kuala Lumpor, Malaysia; 1-10.
2. Osama M. Ben Saaed, **Meftah Salem M Alfatni**, Abdul Rashid Mohamed Shariff and Hadya S Hawedi. (2019). Modeling Ripeness Grading of Palm Oil Fresh Fruit Bunches through Image Processing using Artificial Neural Network. *The 5th International Conference on Water, Energy, Food and Agricultural Technology - Istanbul, Turkey, 20-23 March 2019*; 1-19.
3. **MSM Alfatni**, ARM Shariff, SK Bejo, OMB Saaed, A Mustapha. (2018). Real-time oil palm FFB ripeness grading system based on ANN, KNN and SVM classifiers. *9th IGRSM International Conference and Exhibition on Geospatial & Remote Sensing*, Kuala Lumpor, Malaysia; 1-5.
4. **Alfatni, M. S. M.**,Shariff, A. R. M., Abdullah, M. Z., Marhaban, M. H., Shafie, S. B., Amiruddin, M. D. b., and Saaed, O. M. B. (2014). Oil palm fresh fruit bunch ripeness classification based on rule-based expert system of ROI image processing technique results. *7th IGRSM International Remote Sensing & GIS Conference and Exhibition*, Kuala Lumpor, Malaysia; 1-14.
5. **Alfatni, M. S. M.**,Shariff, A. R. M., Abdullah, M. Z., Marhaban, M. H., Shafie, S. B., Amiruddin, M. D. b., and Saaed, O. M. B. (2013). Oil Palm Fruit Maturity Classification Based on Texture Feature Extraction of Fruit

Thorns Texture and Supervised Machine learning Classifiers. *International conference on Agricultural Engineering*, Muscat, Sultanate of Oman; 1-14.

6. **Alfatni, M. S. M.**, Shariff, A. R. M., Abdullah, M. Z., Marhaban, M. H., Shafie, S. B., and Saaed, O. M. B. (2012). Oil Palm Fruit Ripeness Grading System Based on BGLAM Feature Extraction and SVM, KNN and ANN Supervised Machine learning. *International Conference on Agricultural, Food and Biological Engineering (ICAFBE 2012)*. Guangzhou, China
7. **Alfatni, M. S. M.**, Shariff, A. R. M., Abdullah, M. Z., Marhaban, M. H., Shafie, S. B., and Saaed, O. M. B. (2012). The Recognition System of Oil Palm Fruit Bunch Types Based on Texture Feature Technologies and image processing techniques. *International Conference on Agricultural, Food and Biological Engineering (ICAFBE 2012)*. Guangzhou, China
8. Saaed, O. M. B., Shariff, A. R. M., Mahmud, A. R. b., Shafri, H. Z. M., **Alfatni, M. S.** & Aouache. M. (2012). Oil Palm Fruit Classification Using Spectrometer. *International Conference on Agricultural, Food and Biological Engineering*. Guangzhou, China.
9. Saaed, O. M. B., Shariff, A. R. M., Mahmud, A. R. b., Shafri, H. Z. M., **Alfatni, M. S.** & Aouache. M. (2012). Ripeness Detection of Oil Palm Fresh Fruit Bunches Using 4-Band Sensors. *International Conference on Agricultural, Food and Biological Engineering*. Guangzhou, China.
10. **Alfatni, M. S. M.**, Shariff, A. R. M., and Saaed, O. M. B. (2010). The Design and Process of the External Inspection System in Agricultural Engineering. *Map Asia 2010 & ISG 2010 Conference on Agriculture & Health*, Kuala Lumpur, Malaysia; 1-9.
11. **Alfatni, M. S. M.**, Shariff, A. R. M., and Saaed, O. M. B. (2010). The Consideration of Methods and Techniques of Illumination System Building for Computer Vision in Agricultural Application. *World Engineering Congress 2010 Conference on Geomatic and GIS*, Kuching, Sarawak, Malaysia; 1-8.
12. **Alfatni, M. S. M.**, Shariff, A. R. M., Saaed, O. M. B., and Mustafa, A. (2010). Oil Palm Fruit Bunch Ripeness Grading System Based on Fruit Colour Using Gabor wavelet Transform and Neural Network. *The Fifth*

Libyan Arab International Conference on Electrical and Electronic Engineering, Tripoli, Libya; 1-10.

13. Saaed, O. M. B., Shariff, A. R. M., Shafri, H. Z. M., Mahmud, A. R., and **Alfatni, M. S. M. (2010)**. Hyperspectral Technique System for Fruit Quality Determination. *Map Asia 2010 & ISG 2010 Conference on Agriculture & Health*, Kuala Lumpur, Malaysia
14. Saaed, O. M. B., Shariff, A. R. M., Shafri, H. Z. M., Mahmud, A. R., and **Alfatni, M. S. M. (2010)**. Color calibration measurements to assess fruit quality by using optical sensors. *World Engineering Congress 2010 Conference on Geomatic and GIS*, Kuching, Sarawak, Malaysia;
15. **Alfatni, M. S. M. (2009)**. How to choose appropriate scientific journal of the research paper. *The 1th Libyan conference to develop research skills, UPM, Serdang, Malaysia.*
16. **Alfatni M. S. M., Shariff, A.R.M., Shafri, H.Z.M., Saaed, O.M.B., Eshanta, O.M., and Abuzaed, M. (2007)**. Automated oil palm fruit bunch grading system using density of color (RGB). *Proceedings of the 7th Saudi Engineering Conference, King Saud University, Riyadh*, pp. 299-313.

R. Journal papers:

أوراق بحثية ثم نشرها بمجلات علمية رصينة

1. **Meftah Salem M Alfatni**, Abdul Rashid Mohamed Shariff, Osama M. Ben Saaed, Atia Mahmud Albhah, and Aouache Mustapha. (2020). "Colour Feature Extraction Techniques for Real Time System of Oil Palm Fresh Fruit Bunch Maturity Grading" *Earth and Environmental Science* 540: 1-10. **(Scopus)**.
2. Osama M. Ben Saaed, **Meftah Salem M Alfatni**, Abdul Rashid Mohamed Shariff and Hadya S Hawedi. (2019). Modelling Ripeness Grading of Palm Oil Fresh Fruit Bunches through Image Processing using Artificial Neural Network. *GeoSP - MAG GeoSP-MAG* 8 (24): 1-19.
3. **MSM Alfatni**, ARM Shariff, SK Bejo, OMB Saaed, A Mustapha. (2018). "Real-time oil palm FFB ripeness grading system based on ANN, KNN and SVM classifiers" *Earth and Environmental Science* 169 (1): 1-5. **(Scopus)**.

4. **Alfatni, M. S. M., Shariff, A. R. M., Abdullah, M. Z., Marhaban, M. H., Shafie, S. B., Amiruddin, M. D. b., and Saaed, O. M. B. (2014).** Oil Palm Fruit Maturity Classification Based on Texture Feature Extraction of Fruit Thorns Texture and Supervised Machine learning Classifiers. *Acta Hort. (ISHS)*. **(Scopus)**
2. **Alfatni, M. S. M., Shariff, A. R. M., Abdullah, M. Z., Marhaban, M. H., Shafie, S. B., Amiruddin, M. D. b., and Saaed, O. M. B. (2014).** "Oil palm fresh fruit bunch ripeness classification based on rule-based expert system of ROI image processing technique results." *Earth and Environmental Science* 20: 1-8. **(Scopus)**
3. **Alfatni, M. S. M., Shariff, A. R. M., Abdullah, M. Z., Marhaban, M. H. b., and Saaed, O. M. B. (2013).** The Application of Internal Grading System Technologies for Agricultural Products - Review. *Journal of Food Engineering*, 116; 703-725. **(IF: 3.197)**
4. **Alfatni, M. S. M., Shariff, A. R. M., Abdullah, M. Z., Marhaban, M. H., Shafie, S. B., and Saaed, O. M. B. (2013).** Oil Palm Fruit Ripeness Grading System Based on BGLAM Feature Extraction and SVM, KNN and ANN Supervised Machine learning. *Journal of Advanced Science Letters*, 19(9); 2612-2614. **(Scopus)**
5. Saaed, O. M. B., Shariff, A. R. M., Mahmud, A. R. b., Shafri, H. Z. M., **Alfatni, M. S. M.** and Aouache. M. (2013). Oil Palm Fruit Classification Using Spectrometer. *Journal of Advanced Science Letters*, 19(9); 2651-2653. **(Scopus)**
6. **Alfatni, M. S. M., Shariff, A. R. M., Abdullah, M. Z., Marhaban, M. H., Shafie, S. B., and Saaed, O. M. B. (2013).** Recognition System of Oil Palm Fruit Bunch Types Based on Texture Feature and Image Processing Techniques. *Journal of Advanced Science Letters*, 19(12); 3441-3444. **(Scopus)**
7. Saaed, O. M. B., Shariff, A. R. M., Mahmud, A. R. b., Shafri, H. Z. M., **Alfatni, M. S. M.** and Aouache. M. (2013). Ripeness Detection of Oil Palm Fresh Fruit Bunches Using 4-Band Sensors. *Journal of Advanced Science Letters*, 19(12); 3468-3472. **(Scopus)**

8. Saeed, O. M. B., Sankaran, S., Shariff, A. R. M., Shafri, H. Z. M., Ehsani, R., **Alfatni, M. S. M.**, and Hazir, M. H. M. (2012). Classification of oil palm fresh fruit bunches based on their maturity using portable four-band sensor system. *Computers and Electronics in Agriculture*, 82; 55-60. **(IF: 2.427)**
9. **Alfatni, M. S. M.**, Shariff, A. R. M., Abdullah, M. Z., Saeed, O. M. B., and Ceesay, O. M. (2011). Recent Methods and Techniques of External Grading Systems for Agricultural Crops Quality Inspection - Review. *International Journal of Food Engineering*, 7(3); 1-40. **(IF: 0.923)**
10. **Alfatni, M. S.M.**, Shariff, A. R. M., Shafri, H. Z. M., Saeed, O. M. B., and Eshanta, O. M. (2008). Oil Palm Fruit Bunch Grading System Using Red, Green and Blue Digital Number. *Journal of Applied Science*, 8(8); 1444-1452. **(Scopus)**

S. Google Scholar Personal Page

الصفحة الخاصة على الجوقل الاكاديمي

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<http://scholar.google.com.my/citations?user=oFZEhysAAAAJ&hl=en>

T. References:

المراجع الأكاديميين

2. Prof. Dr. Abdul Rashid b. Mohamed Shariff
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1. Prof. Dr. Mohd Zaid Bin Abdullah
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3. Profesor Ir. Dr. Wan Ishak b. Wan Ismail
Dip. Agric. (Malaya), B.S. (Lousiana State),

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4. Prof. Dr. Mohammad Hamiruce b. Marhaban
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5. Profesor Dato' Dr. Shattri Mansor
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