

# *Curriculum Vitae*

## *Scientific Biography*

*Asst. Professor Dr. Saad  
Mohammed Khaleefah*

*Till 2020*

- 1. PhD in Communications and Computer Engineering from the University of Technology(IRAQ).*
- 2. Master Communications and Electronic Engineering from the University of Baghdad in 1983.*
- 3. Faculty Member since 1983.*
- 4. Promoted to the rank of a teacher in 1991*
- 5. Promoted to the rank of ASST. professor in 2002*
- 6. referred to retire in 2010*
- 7 Teaching at the College of Al-Turath University(Iraq – Baghdad) till 2018.*
- 8. Faculty Member since 2019 up to now in Al-Hikma college university*

## **First: published researches :-**

**1. Implementation of knapsack public-key cryptosystem.**

**Research published in the Journal of the first Scientific Conference of the Military College of Engineering, held in July 1987.**

**2. A new public - key cryptosystem.**

**Research published in the Journal (INT .J. System science 1990 vol. 21 No.1pp 205 - 215)**

**3. A new multistage knapsack public- key cryptosystem.**

**Research published in the Journal (INT .J. System science 1991 Nov. vol. 22 No.11 pp2313-2320)**

**4. Concealment investigation of RSA variant cryptosystem.**

**Research published in the Journal of the Rafidain's Journal 3<sup>rd</sup> edition -Year 1999**

**5. Identification of aircraft using public - key cryptosystem**

**Research published in the Journal of Engineering and Development - Faculty of Engineering colleges at the University of Mustansiriya 4<sup>th</sup> edition - Year 9**

**6. Design and implementation of two dimension crypto system by using image processing**

**Research published in the Journal of the second conference in country about Computing and Communications, Control and Systems Engineering - University of Technology - Baghdad.**

**7. Using duplicating palettes method BMP image for information hidden.**

**Research published in the Journal of the Rafidain 9<sup>th</sup> edition – 6<sup>th</sup> Year - 2002**

**8. Implementation of wavelet based steganography.**

**Research published in the Journal of science - Mustansiriya University- in the folder (16<sup>th</sup> ) third edition for the year 2005.**

**9. Colored image steganography based of integer wavelet transforms**

**Research published in the Journal of the College of Education - Mustansiriya University 3<sup>rd</sup> edition - 2008**

**10. Evaluation and implementation of novel approach of steganography based on wavelet transformation**

**Accepted for publication in the Journal of the Iraqi information technology, according to the book with a number 309 in 09/28/2008**

**11. Implementation of a new approach of steganography using (PN) sequence.**

**Research published in the Proceedings of the First Scientific Conference / Iraqi Association for Information Technology in the 17-January -2009**

**12. steganography based on implementation of knapsack cryptosystem. Research published in the Fourth Scientific Conference held in college of science- University of Babylon for the year 2009**

**13. Hybrid public key cryptosystem**

**Submitted to the twelfth scientific conference in college Maamoun(Iraq- Baghdad) for the year 2011**

**14. International Conference Of Mathematic and its Application UNIVERSITY OF BASRAH March 2011.**

**15. Implementation And Evaluation of Steganography using PN Sequences Based on Wavelet.**

**Research published in the Proceedings of the first global scientific conference on information and communication technology and electronic-learning - University of Kufa for the period from 24 -25 | 4 | 2012**

**16. Hybrid knapsack public cryptographic - steganography system. Research published in the Fourth International Scientific Conference in Qadisiyah University College of Computer Science and Mathematics, held 21 - 23 October 2012**

**17. Annual Scientific Conference of Al – Turath University, held on 13 | 11 | 2012**

**18. Hybrid Public Key System ,participation and presentation, at 10<sup>th</sup> annual International Conference on information Tech. and computer science 19-22 may 2014 Athens Greece.**

**19. Implementation of steganography using PN sequence based on Wavelet ,participation and presentation , at 9<sup>th</sup> Annual International Conference of Mediterranean Studies , 21-24 March 2016, Athens Greece**

20." *Security System Based On Illusion Message "Certification of Honour . ICSTR Budapest International Conf. On Science &Technology Research . 29 -30 Sept. 2018 .*

21. *Improve The steganography Performance Based o Discrete Wavelet Transform " Participation Certificate . 20<sup>th</sup> International Conf. On Research In Science & Technology (ICRST) . Dubai , United Arab Emirate 22 – 23 Dec. 2017.*

22 ." *Utilization Genetic Operation on Sudoku Game for system Hiding" Scientific Conf. 11<sup>th</sup> Scientific Conf. For Al-Turath University April 2018*

23. *Certificate of participation in conference ICSTR Roma – international conference on science and technology research which holed in university of Washington , 3-4 may 2019 .*

24. *participate in 2<sup>nd</sup> ICSTR Prague \ czech –international conference on science & Technology Research , 17-18 October 2019, paper title : utilization genetic operation over Sudoku game for hiding system .*

25. *participate in 5<sup>th</sup> ICSTR Dubai\UAE –international conference on science & technology research , 11-12 December2019 paper title :improve steganography performance based on discrete wavelet transform .*

26. *certificate of participation in 2<sup>nd</sup> scientific conference \Al-Hikma college university which hold 30\6\2020( online conference )*

### *As well as:-*

*\*Reviewed tens of Researches inside and outside Iraq , such as ( Al-mustansiryia university , Technology university and Al-Qadisiah university) , outside Iraq such as ( United kingdom – London , Switzerland –zurich , Denmark –copenhagen )*

- \* My participation in several conferences in Iraq.*
- \* My supervising for master students also the discussions of PhD research students.*
- \* And I got a number of thanks and appreciation books in conferences in Iraqi universities.*
- \* And my participation in the evaluation of research for more than 50 scientific search for the scientific upgrade and conferences.*
- \* And my participation in the scientific symposium held at the University of Al- Nahrain – college of Information Technology*
- \* My participation in the Comprehensive Engineering Research Conference theses held in the college of Engineering, University of Mustansiriya*
- \* Course in Continuing Education at the University of Baghdad in encryption and security information of 14-19 | 4 | 2013*
- \* Participation in Universal Scientific Conference about Computer science and Information tech.– Athens-Greece- held in period from 19-22-May- 2014.*

## **Second, translated books:-**

### ***1. Transistor circuits approximation***

***Authored by Albert Paul Malvino***

***No. deposit in the Library and Archives (73) for the year 1990***

### ***2. Mobil communication Engineering***

***Authored by William C.Y.LEE***

***No. deposit in the Library and Archives (508) for the year 1991.***

## **Third :-**

***The international Book in decrypting titled(( Applied cryptography))***

***Authored by Bruce schneier printed in 1996, in one of his sources No. 747 where mentioned to one of my research***

## **Fourth:-**

***Supervising four Master students***

***1. Hasan Aouhad Jaed 1999***

***2. Majid Jabbar Jawad 2002***

***3. Abdullah Ali Omran 2002***

***4. Ammar Ahmed Mahmoud 2002***

## **Languages :**

***1. English***

***2. Arabic***