

Curriculum Vitae

Sarmad Khaleel Ibrahim

Mustansiriyah University – College of Engineering

Mobile:

Email eng_sarmadnet@uomustansiriyah.edu.iq

PERSONAL SUMMARY:

- Date of Birth: 21/2/1988
- Place of work: College of Engineering, AL-Mustansiriyah University
- Language: English, Arabic
- Scientific Title: Lecturer

EDUCATION:

- Ph.D. : Communication and Information Engineering Department - AL-Nahrain University Iraq-2020
- M.Sc. : Computer Engineering Department - AL-Nahrain University Iraq-2013
- B.Sc.: Computer and Software Engineering Department - AL-Mustansiriyah University Iraq-2010

ACADEMIC HONORS AND AWARDS:

- 5-Acknowledgments from the President of AL- Mustansiriyah University -Iraq.
- 23 -Acknowledgments from Dean of the Faculty of Engineering, AL- Mustansiriyah University-Iraq.

ACADEMIC /TEACHING EXPERIENCE:

- (2015-2016): COMPUTER SCIENCE, AUTTOCAD Lab, Logic Lab, Lecturer in Electrical engineering Dept, - AL-Mustansiriyah University.
- (2016-2019): Digital Image Processing Lab., Software Engineering Lab. Lecturer in Computer engineering Dept, - AL-Mustansiriyah University.
- (2019-2020): Mathematical Analysis. AUTTOCAD Lab, - AL-Mustansiriyah University.

COURSES TAUGHT:

Undergraduate
1- Computer science (First Class)
2- AutoCAD (First Class)
3- Mathematical Analysis (Second Class)
4- FPGA (Second Class)
5- Digital Image Processing Lab. (Fourth Class)
6- Software Engineering Lab. (Third Class)

PROFESSIONAL AFFILIATIONS:

- Administrator web site at the Faculty of engineering/Al- Mustansiriyah University 2015-2016.
- Scientific reviewer at SCIRP Journal/ Computer Network in USA for many research papers.
- Scientific reviewer at SCIRP Journal/ computer science and system in USA for many research papers.

PUBLICATIONS:

• Papers.

- [1] M. M. AL-Quzwini and **S. K. Ibrahim**, "Performance Evaluation of Traffic Engineering Signal Protocols in IPV6 MPLS Networks," Scientific Research Publisher (SCIRP), Vol.4, No.4, pp. 298-305, Nov. 2012.
- [2] **S. K. Ibrahim** and M. M. AL-Quzwini, "Performance Evaluation of MPLS TE Signal Protocols with Different Audio Codecs for Voice Application," International Journal of Computer Applications (IJCA), Vol. 57, No.1, pp.56-60, Nov. 2012.
- [3] Hussein M. Hathal, Riyadh A. Abdulhussein, **Sarmad K. Ibrahim**, "Lyapunov Exponent Testing for AWGN Generator System," Scientific research publisher Journal /Communications and Network, Vol. 6, pp. 201208, Nov. 2014.
- [4] **Sarmad K. Ibrahim**, "Performance Evaluation of Zigbee Coordinator Fails Node with Different Topologies," Computer Science Systems Biology Journal, Vol. 8(5), pp. 292-295, Aug. 2015.
- [5] Dr. Riyadh A. Abdulhussein, Saif A. Abdulhussin, **Sarmad K. Ibrahim** and Hussein M. Hathal, "Performance Evaluation of Handover Technique in Mobile WIMAX Networks," SAUSSUREA Journal, Volume 4(2), pp.188-197, Aug. 2015.
- [6] Dr. Riyadh A. Abdulhussein, Saif A. Abdulhussin, **Sarmad K. Ibrahim** and Hussein M. Hathal, "Performance Evaluation of Handover Technique in Mobile WIMAX Networks," SAUSSUREA Journal, Volume 4(2), pp. 188-197, Aug. 2015.
- [7] Hussein M. Hathal, **Sarmad K. Ibrahim** and Dr. Riyadh A. Abdulhussein "Performance Evaluation of Different Modulation Coding for Non Real Time Scheduling Services in WIMAX Networks," SAUSSUREA Journal, Volume 6(3), pp. 183-189, May. 2016.
- [8] Hussein M. Hathal, **Sarmad K. Ibrahim** and Dr. Riyadh A. Abdulhussein "Performance Evaluation of Different Modulation Coding for Real Time Scheduling Services in Video Streaming of WIMAX Networks," SAUSSUREA Journal, Volume 6(4), pp. 249-256, August. 2016.
- [9] **Sarmad K. Ibrahim**, Nasser N. khamiss, "Optimization a Scheduling Algorithm of CA in LTE ADV," Telkomnika. 2018, Vol. 16 Issue 6, pp.2514-2521,2018.
- [10] **Sarmad K. Ibrahim**, Nasser N. khamiss, "Optimal Usage of LTE Advanced System to Support Multi-user in Video Streaming Application," 2018 Third Scientific Conference of Electrical Engineering (SCEE), IEEE, pp.197-20,2018.
- [11] **Sarmad K. Ibrahim**, Nasser N. khamiss, "A New Wireless Generation Technology for Video Streaming," Journal of Computer Networks and Communications, Hindawi, 2019.
- [12] **Sarmad K. Ibrahim**, Nasser N. khamiss, "Improved Video Coding Technique for Next Generation Communication System," Journal of Communications, Vol. 14, Issue 8, pp. 715-720, 2019.
- [13] **Sarmad K. Ibrahim**, Nasser N. khamiss, "A New Video Coding Approach to The Future Wireless Communication System," Iraqi Journal of Information & Communications Technology, Vol. 2, Issue 1, pp. 37-47, 2019.
- [14] **S. K. Ibrahim** and N. N. Khamiss, "A New Video Transcoding for Future Wireless Communication System," in ICEEI 2019, IEEE, 2019.
- [15] **S. Ibrahim** and N. Khamiss, "Proposed of the wireless mobile system and video coding system in the heterogeneous network," Multimedia Tools and Applications, springer, vol. 78, no. 23, pp. 34193–34205, 2019. (Scopus)

• books.

- تأليف كتاب خطوة بخطوة نحو احترافية البرمجة بلغة C دار الكتب والوثائق 2013 في 2014 العراق .

معاون الميسر
أ.م.د. إخلاص حميد كرم
رئيس قسم هندسة الحاسوب
للشؤون العلمية والدراسات العليا

م. سرور خليل ابراهيم

السيرة الذاتية

سرمد خليل ابراهيم

الجامعة المستنصرية – كلية الهندسة

Mobile:

Email: eng_sarmadnet@uomustansiriyah.edu.iq

ملخص تعريفى:

- تاريخ الولادة : 1988/2/21
- مكان العمل: الجامعة المستنصرية – كلية الهندسة
- اللغات : عربي , انكليزي
- اللقب العلمي : مدرس

الشهادات الدراسية:

- #1: Ph.D. جامعة النهرين – كلية هندسة المعلومات – هندسة المعلومات والاتصالات 2020
- #2: M.Sc. جامعة النهرين – كلية الهندسة – هندسة الحاسوب 2013
- #3: B.Sc. الجامعة المستنصرية – كلية الهندسة – هندسة الحاسوب 2010

الجوائز والتكريم الأكاديمي

- #1 5 كتاب شكر من رئيس الجامعة المستنصرية
- #2 23 كتاب شكر من عميد كلية الهندسة الجامعة المستنصرية

الخبرة الأكاديمية والتدريس:

- #1: (2015-2019): تدريسي في قسم الهندسة الكهربائية (علم الحاسوب, مختبر المنطق, مختبر الرسم بواسطة الحاسوب (AUTOCAD))
- #2: (2016-2019): تدريسي في قسم هندسة الحاسوب (مختبر معالجة الصورة الرقمية, مختبر هندسة البرمجيات)
- #3: (2019-الآن): تدريسي في قسم هندسة الحاسوب (رياضيات تحليلية, مختبر الرسم بواسطة الحاسوب (AUTOCAD))

المقررات الدراسية التي تم تدريسها:

الدراسات الأولية
علم الحاسوب (المرحلة الاولى)
مختبر الرسم بواسطة الحاسوب (المرحلة الاولى)
رياضيات تحليلية (المرحلة الثانية)
مصفوفة البوابات المنطقية القابلة للبرمجة FPGA (المرحلة الثانية)
مختبر معالجة الصورة الرقمية (المرحلة الرابعة)
مختبر هندسة البرمجيات (المرحلة الثالثة)

الانتساب المهني او الجمعيات:

- عضوا للكثير من اللجان في الكلية والجامعة.
- مدير الموقع الالكتروني / كلية الهندسة الجامعة المستنصرية (2015-2016)

المنشورات العلمية

- بحوث علمية

- [1] M. M. AL-Quzwini and **S. K. Ibrahim**, "Performance Evaluation of Traffic Engineering Signal Protocols in IPV6 MPLS Networks," Scientific Research Publisher (SCIRP), Vol.4, No.4, pp. 298-305, Nov. 2012.
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- [3] Hussein M. Hathal, Riyadh A. Abdulhussein, **Sarmad K. Ibrahim**, "Lyapunov Exponent Testing for AWGN Generator System," Scientific research publisher Journal /Communications and Network, Vol. 6, pp. 201208, Nov. 2014.
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- [6] Dr. Riyadh A. Abdulhussein, Saif A. Abdulhussin, **Sarmad K. Ibrahim** and Hussein M. Hathal, "Performance Evaluation of Handover Technique in Mobile WIMAX Networks," SAUSSUREA Journal, Volume 4(2), pp. 188-197, Aug. 2015.
- [7] Hussein M. Hathal, **Sarmad K. Ibrahim** and Dr. Riyadh A. Abdulhussein "Performance Evaluation of Different Modulation Coding for Non Real Time Scheduling Services in WIMAX Networks," SAUSSUREA Journal, Volume 6(3), pp. 183-189, May. 2016.
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- [10] **Sarmad K. Ibrahim**, Nasser N. khamiss, "Optimal Usage of LTE Advanced System to Support Multi-user in Video Streaming Application," 2018 Third Scientific Conference of Electrical Engineering (SCEE), IEEE, pp.197-20,2018.
- [11] **Sarmad K. Ibrahim**, Nasser N. khamiss, "A New Wireless Generation Technology for Video Streaming," Journal of Computer Networks and Communications, Hindawi, 2019.
- [12] **Sarmad K. Ibrahim**, Nasser N. khamiss, "Improved Video Coding Technique for Next Generation Communication System," Journal of Communications, Vol. 14, Issue 8, pp. 715-720, 2019.
- [13] **Sarmad K. Ibrahim**, Nasser N. khamiss, "A New Video Coding Approach to The Future Wireless Communication System," Iraqi Journal of Information & Communications Technology, Vol. 2, Issue 1, pp. 37-47, 2019.
- [14] **S. K. Ibrahim** and N. N. Khamiss, "A New Video Transcoding for Future Wireless Communication System," in ICEEI 2019, IEEE, 2019.
- [15] **S. Ibrahim** and N. Khamiss, "Proposed of the wireless mobile system and video coding system in the heterogeneous network," Multimedia Tools and Applications, springer, vol. 78, no. 23, pp. 34193-34205, 2019. كتب مؤلفة

• تأليف كتاب خطوة بخطوة نحو احترافية البرمجة بلغة C دار الكتب والوثائق 2413 في 2014 العراق .

أ.م.د. خالد سعيد كرم
رئيس قسم هندسة الحاسوب
معاون العميد
للشؤون العلمية والدراسات العليا

د. سعد خليل ابراهيم