

## السيرة العلمية

الاسم: مختار محمد حسن  
الشهادة: دكتوراه  
الجامعة: بغداد  
البريد الإلكتروني: mokhtarmh@cs.w.uobaghdad.edu.iq  
مجال التدريس:  
- الدراسات الأولية:

- 2009-2005, 2017-2015: نظم تشغيل, المرحلة الرابعة, قسم علم الحاسوب
- 2007-2006: محاكاة و نمذجة, المرحلة الثالثة, قسم علم الحاسوب
- 2015-2013: خوارزميات متقدمة, المرحلة الثالثة, قسم علم الحاسوب
- 2015-2013: ضغط بيانات, المرحلة الرابعة, قسم علم الحاسوب
- 2015-2013: وسائط متعددة, المرحلة الرابعة, قسم علم الحاسوب
- 2017-2013: معالجة الصور الرقمية, المرحلة الثالثة, قسم علم الحاسوب

### الاهتمامات البحثية:

- رؤية حاسوب
- معالجة صور
- ضغط بيانات وتشفيرها

### النشریات:

- البحوث المنشورة

- Mokhtar M. Hasan, Pramod K. Mishra, "Improving Morphology Operation for 2D Hole Filling Algorithm", International Journal of Image Processing, vol. 6(1): 635-646, Malaysia, Feb 2012.
- Mokhtar M. Hasan, Pramod K. Mishra, "Hand Gesture Modeling and Recognition using Geometric Features: A Review", Canadian Journal on Image Processing and Computer Vision, vol. 3(1): 12-26, Canada, March 2012.
- Mokhtar M. Hasan, Pramod K. Mishra, "Real Time Fingers and Palm Locating using Dynamic Circle Templates", International Journal of Computer Applications, vol. 41 (6): 33-43, USA, March 2012, doi: [10.5120/5547-7615](https://doi.org/10.5120/5547-7615).
- Mokhtar M. Hasan, Pramod K. Mishra, "Features Fitting using Multivariate Gaussian Distribution for Hand Gesture Recognition", International Journal of Computer Science and Emerging Technologies, vol. 3(2):73-80, UK, April 2012.

- **Noor A. Ibraheem, Mokhtar M. Hasan, Rafiqul Z. Khan, Pramod K. Mishra, “Understanding Color Models: A Review”, Journal of Science and Technology, vol. 2 (3): 265-275, April 2012.**
- **Mokhtar M. Hasan, Pramod K. Mishra, “Novel Algorithm for Multi Hand Detection and Geometric Features Extraction and Recognition”, International Journal of Scientific & Engineering Research, vol. 3 (5): 1-12, France, May 2012.**
- **Mokhtar M. Hasan and Pramod K. Mishra, “Robust Gesture Recognition Using Gaussian Distribution for Features Fitting”, International Journal of Machine Learning and Computing, IACSIT Organization, vol. 2(3):266-273, Singapore, June 2012.**

## Academic Biography

**Name: Mokhtar Mohammed Hasan**

**Educational qualification: PhD University: Baghdad Specialty: Computer Science**

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### Teaching:

- Undergraduate

- **Operating Systems, Fourth class, Computer Science, 2005-2009, 2015-2017.**
- **Simulation and Modeling, Third Class, 2006-2007.**
- **Advanced Algorithms, Third Class, Computer Science, 2013-2014.**
- **Data Compression, Fourth Class, Computer Science, 2013-2014.**
- **Multimedia, Fourth Class, Computer Science, 2013-2015.**
- **Digital Image Processing, Third Class, Computer Science, 2013-2017.**Research

### Interests:

- **computer vision**

- **image processing**

- **data compression and coding**

### Publications:

- Mokhtar M. Hasan, Pramod K. Mishra, "Improving Morphology Operation for 2D Hole Filling Algorithm", International Journal of Image Processing, vol. 6(1): 635-646, Malaysia, Feb 2012.
- Mokhtar M. Hasan, Pramod K. Mishra, "Hand Gesture Modeling and Recognition using Geometric Features: A Review", Canadian Journal on Image Processing and Computer Vision, vol. 3(1): 12-26, Canada, March 2012.
- Mokhtar M. Hasan, Pramod K. Mishra, "Real Time Fingers and Palm Locating using Dynamic Circle Templates", International Journal of Computer Applications, vol. 41 (6): 33-43, USA, March 2012, doi: 10.5120/5547-7615.
- Mokhtar M. Hasan, Pramod K. Mishra, "Features Fitting using Multivariate Gaussian Distribution for Hand Gesture Recognition",

International Journal of Computer Science and Emerging Technologies, vol. 3(2):73-80, UK, April 2012 .

- Noor A. Ibraheem, Mokhtar M. Hasan, Rafiqul Z. Khan, Pramod K. Mishra, “Understanding Color Models: A Review”, Journal of Science and Technology, vol. 2 (3): 265-275, April 2012 .
- Mokhtar M. Hasan, Pramod K. Mishra, “Novel Algorithm for Multi Hand Detection and Geometric Features Extraction and Recognition”, International Journal of Scientific & Engineering Research, vol. 3 (5): 1-12, France, May 2012 .
- Mokhtar M. Hasan and Pramod K. Mishra, “Robust Gesture Recognition Using Gaussian Distribution for Features Fitting”, International Journal of Machine Learning and Computing, IACSIT Organization, vol. 2(3):266-273, Singapore, June 2012 .

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