

Faculty Vitae: Faisel Ghzai Mohammed

1. Name: Faisel Ghzai Mohammed
2. Education Ph.D., Astronomy, University of Baghdad, 2015
3. Academic experience : University of Baghdad, Assistant Professor, Head of Continuing Education Center, 2015-till now), full time
4. Non-academic experience :
5. Certifications or professional registrations
6. Current membership in professional organizations
 - Membership in technical committee of International Arabic Journal for Information Technology (IAJIT)
7. Honors and awards
8. Service activities (within and outside of the institution)
9. Briefly list the most important publications and presentations from the past five years
 - Compression effect on Classification Remote Sensing Image, The 3rd scientific conference of the College of Science, University of Baghdad, 2009.
 - Effective digital image colors reduction quantization scheme, University of Baghdad, Iraqi Journal of Science, 2012.
 - Optimal Palette Create with the specific number of colors using octree quantization, University of Baghdad, Iraqi Journal of Science, 2012
 - Contrast and Brightness Enhancement For Low Medical X-Ray Images, The 1st Remote Sensing scientific conference of the College of Science, University of Baghdad, 2012.
 - Numeral Handwritten Hindi/Arabic Numeric Recognition Method, International Journal of Scientific & Engineering Research, Volume 4, Issue 1, 2013.
 - An efficient multiple pass pixel connectivity labeling method for object detection, International Journal of Scientific & Engineering Research, Volume 4, Issue 5, April-2013.
 - Satellite image Gap filling technique, International Journal of Advancements in Research & Technology, Volume 2, Issue 4, April-2013.
 - Remote Sensing Image Correction of Geometric Distortion By Using Outer Corners, University of Baghdad, Al- Mustansiriyah Journal of Science, Vol 24, Issue 2, 2013.
 - Noisy character recognition technique based on moments of inertia, International Journal of Advancements in Research & Technology, Volume 2, Issue 4, April-2013.
 - An Approach for Traffic Load Detection using Image Segmentation, International Journal of Scientific & Engineering Research, Volume 4, Issue 8, August-2013
 - Printed and Handwritten Hindi/Arabic Numeral Recognition Using Centralized Moments, International Journal of Scientific & Engineering Research, Volume 4, Issue 8, August 2013.
 - Digital Retinal Images: Background and Damaged Areas Segmentation, International Journal of Electronics Communication and Computer Engineering Volume 5, Issue 2014.
 - Waterways finding in the province of Kirkuk- Iraq based on hydrological analysis of digital elevation model. International Journal of Scientific & Engineering Research, Volume Issue 1, January-2015.
 - Effective image watermarking method based on DCT, Iraqi Journal of Science, 2015, vol.56, No.3- Iraq., 2015.
 - Efficient digital Image filtering method based on fuzzy algorithm, The 16

scientificconference of the College of Basic Education, University of Al Mostansyria, 2015.