

# Abdul Waheed Khan

Assistant Professor

Military College of Signals

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## About

Dr. Abdul Waheed Khan is working as Assistant Professor in the Military College of Signals. Dr. Abdul Waheed Khan has a PhD in Wireless Sensor Networks. Dr. Abdul Waheed Khan has published 17 research articles & conference papers having a citation count of 840, carried out 0 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Wireless Sensor Networks</b>	2012 - 2015
Universiti Teknologi Malaysia , Malaysia	

## Experience

<b>Assistant Professor</b>	2020- Present
Military College of Signals	
<b>Assistant Professor</b>	2018 - 2020
Military College of Signals	
<b>Assistant Professor</b>	2015 - 2018
King Abdulaziz University , Saudi Arabia	
<b>Assistant Professor</b>	2015 - 2015
Qurtuba University of Science and Information Technology , Peshawar	
<b>Lecturer</b>	2010 - 2012
King Abdulaziz University , Saudi Arabia	

## Awards

<b>Best Postgraduate Student</b>
Best Postgraduate Student Award at University Technology Malaysia (UTM), Malaysia
<b>Excellent Thesis Award</b>
Excellent Thesis Award at University Technology Malaysia (UTM), Malaysia
<b>Merit Thesis Award</b>
Merit Thesis Award at University Technology Malaysia (UTM), Malaysia
<b>International Doctoral Fu</b>
International Doctoral Scholarship (IDF) Award at University Technology Malaysia (UTM), Malaysia

## Research Articles

<b>Cybersecurity Standards in the Context of Operating System: Practical Aspects, Analysis, and Comparisons</b>	2021
<i>Syed Wasif Abbas Hamdani Haider Abbas Abdul Rehman Janjua Waleed Bin Shahid Muhammad Faisal Amjad Jahanzaib Malik Malik Hamza Murtaza Mohammed Atiquzzaman Abdul Waheed Khan</i>	
ACM Computing Surveys , Volume 54, Issue 3, Article Number 57	
<b>Impact Factor:</b> 14.324   <b>Quartile:</b> 1   <b>Citations:</b> 24	
<b>DOI:</b> <a href="https://doi.org/10.1145/3442480">https://doi.org/10.1145/3442480</a>	
<b>A dynamic swift association scheme for wireless body area networks</b>	2019
<i>Adil Sheraz Javed Iqbal Bangash Abdul Waheed Khan Muhammad Imran Asfandiyar Khan Abdullah Khan Muhammad Ishaq Wajid Ullah Khan</i>	
Transactions on Emerging Telecommunications Technologies, Article Number e3724	
<b>Impact Factor:</b> 1.594   <b>Quartile:</b> 3	

DOI: 10.1002/ett.3724	
<b>QDVGDD: Query-Driven Virtual Grid based Data Dissemination for wireless sensor networks using single mobile sink</b> <i>Javed Iqbal Bangash Adnan Ahmed Abdul Hanan Abdullah Abdul Waheed Khan</i> <i>Wireless Networks</i> , Volume 25, Issue 1, Pages 241-253 <b>Impact Factor: 1.981   Quartile: 2   Citations: 36</b> <b>DOI: 10.1007/s11276-017-1552-8</b>	2017
<b>Energy-aware and secure routing with trust for disaster response wireless sensor network</b> <i>Kamalrulnizam Abu Bakar Muhammad Ibrahim Channa Abdul Waheed Khan Khalid Haseeb Adnan Ahmed</i> <i>Peer-to-Peer Networking and Applications</i> , Volume 10, Issue 1, Pages 216-237 <b>Impact Factor: 1.514   Quartile: 3   Citations: 50</b> <b>DOI: 10.1007/s12083-015-0421-4</b>	2017
<b>A Secure Routing Protocol with Trust and Energy Awareness for Wireless Sensor Network</b> <i>Adnan Ahmed Kamalrulnizam Abu Bakar Muhammad Ibrahim Channa Abdul Waheed Khan</i> <i>Mobile Networks and Applications</i> , Volume 21, Issue 2, Pages 272-285 <b>Impact Factor: 3.259   Quartile: 1   Citations: 70</b> <b>DOI: 10.1007/s11036-016-0683-y</b>	2016
<b>A trust aware routing protocol for energy constrained wireless sensor network</b> <i>Adnan Ahmed Kamalrulnizam Abu Bakar Muhammad Ibrahim Channa Khalid Haseeb Abdul Wáheed Khan</i> <i>Telecommunication Systems</i> , Volume 61, Issue 1, Pages 123-140 <b>Impact Factor: 1.542   Quartile: 3   Citations: 49</b> <b>DOI: 10.1007/s11235-015-0068-8</b>	2016
<b>Data-Centric Routing for Intra Wireless Body Sensor Networks</b> <i>Abdul Hanan Abdullah Javed Iqbal Bangash Abdul Waheed Khan</i> <i>Journal of Medical Systems</i> , Volume 39, Issue 9, Article Number 91 <b>Impact Factor: N/A   Citations: 18</b> <b>DOI: 10.1007/s10916-015-0268-5</b>	2015
<b>A survey on trust based detection and isolation of malicious nodes in ad-hoc and sensor networks</b> <i>Adnan Ahmed Kamalrulnizam Abu Bakar Muhammad Ibrahim Channa Khalid Haseeb Abdul Waheed Khan</i> <i>Frontiers of Computer Science</i> , Volume 9, Issue 2, Pages 280-296 <b>Impact Factor: 0.660   Quartile: 3   Citations: 79</b> <b>DOI: 10.1007/s11704-014-4212-5</b>	2015
<b>Critical Data Routing (CDR) for Intra Wireless Body Sensor Networks</b> <i>Javed Iqbal Bangash Abdul Hanan Abdullah Abdul Waheed Khan Mohammad Abdur Razzaque Rohana Yusof</i> <i>Telkomnika</i> , Volume 13, No.1 <b>Impact Factor: 0   Citations: 26</b> <b>DOI: 10.12928/telkomnika.v13i1.365</b>	2015
<b>VGDR: A Virtual Grid-Based Dynamic Routes Adjustment Scheme for Mobile Sink-Based Wireless Sensor Networks</b> <i>Abdul Hanan Abdullah Mohammad Abdur Razzaque Javed Iqbal Bangash Abdul Waheed Khan</i> <i>IEEE Sensors Journal</i> , Volume 15, Issue 1, Pages 526-534 <b>Impact Factor: 1.889   Quartile: 2   Citations: 170</b> <b>DOI: 10.1109/JSEN.2014.2347137</b>	2015
<b>VGDD: A Virtual Grid Based Data Dissemination Scheme for Wireless Sensor Networks with Mobile Sink</b> <i>Abdul Hanan Abdullah Mohammad Abdur Razzaque Javed Iqbal Bangash Ayman Altameem Abdul Waheed Khan</i> <i>International Journal of Distributed Sensor Networks</i> , Article Number 890348 <b>Impact Factor: 0.906   Quartile: 3   Citations: 23</b> <b>DOI: 10.1155/2015/890348</b>	2015
<b>Issues towards Efficient Time Synchronization in Wireless Sensor Networks</b> <i>Abdul Waheed Khan Abdul Hanan Abdullah Javed Iqbal Bangash</i> <i>TELKOMNIKA Indonesian Journal of Electrical Engineering and computer science</i> , Volume 12, Issue 10, Pages 7509-7522 <b>Impact Factor: 0</b> <b>DOI: 10.11591/telkomnika.v12i10.5759</b>	2014
<b>Reliability Aware Routing for Intra-Wireless Body Sensor Networks</b>	2014

**Impact Factor:** 0.665 | **Quartile:** 4 | **Citations:** 29

**DOI:** 10.1155/2014/786537

**Issues and Challenges in Localization of Wireless Sensor Networks**

2014

Javed Iqbal Bangash Abdul Hanan Abdullah Abdul Waheed Khan

*Science International* , Volume 26(2), Pages 595-603

**Impact Factor:** N/A

**A Comprehensive Study of Data Collection Schemes Using Mobile Sinks in Wireless Sensor Networks**

2014

Abdul Hanan Abdullah Mohammad Hossein Anisi Javed Iqbal Bangash Abdul Waheed Khan

*Sensors* , Volume 14, Issue 2, Pages 2510-2548

**Impact Factor:** 2.245 | **Quartile:** 1 | **Citations:** 127

**DOI:** 10.3390/s140202510

**A Survey of Routing Protocols in Wireless Body Sensor Networks**

2014

Abdul Hanan Abdullah Mohammad Hossein Anisi Abdul Waheed Khan Javed Iqbal Bangash

*Sensors* , Volume 14, Issue 1, Pages 1322-1357

**Impact Factor:** 2.245 | **Quartile:** 1 | **Citations:** 139

**DOI:** 10.3390/s140101322

**Speech Enhancement Techniques for Hearing Impaired People: Digital Signal Processing based Approach**

2013

Sami Mohammad Halawani Abdul Rahman Al-Talhi Abdul Waheed Khan

*Life Science Journal* , Volume 10, Issue 4

**Impact Factor:** 0

**DOI:** 10.7537/marslsj100413.462