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**Qualification:** Ph. D. (Wireless Sensor Networks, University of Malaga, Spain  
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**Research Sites/Links:**

Google Scholar: <https://scholar.google.com/citations?hl=en&user=K5aneYsAAAAJ>

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**Profile:**

Waheeduddin received B.Sc. in Electrical and Electronics Engineering from Near East University, Turkish Republic of Northern Cyprus, Turkey with majors in computer networks and communications. Later he pursued his studies by earning Mater of Science in Networking and Telecommunication from Mohammad Ali Jinnah University, Karachi, Pakistan. Due to his keen interest in computer research, he earned Ph.D. degree from Universidad de Málaga, Málaga, Spain. He has many high impact factor publications, and he is an active member of the Institute of Oceanic Engineering Research, Universidad de Málaga. His research interests include

**Research Interest**

- Wireless sensor networks
- Artificial intelligence
- Machine learning
- Network's security

**Selected Publications**

- Mujahid Hussain Memon, Arif Karim, Waheeduddin Hyder, Fayaz Ali Dharejo, Munsif Ali Jatoi, Beena Naqvi, Faisal Ghazanfar, Farhan Aziz. "Design of a Centralized Intelligent Expert System and Contamination Detection of Tissue Cultured Sugarcane Crop" Sukkur IBA Journal of Emerging Technologies, Vol. 4No. 2 (2021).
- Pabani, Jitander K., Miguel-Ángel Luque-Nieto, Waheeduddin Hyder, and Pablo Otero. "Energy-Efficient Packet Forwarding Scheme Based on Fuzzy Decision-Making in Underwater Sensor Networks" Sensors 21, 2021, no. 13: 4368.
- Hyder, Waheeduddin; Luque-Nieto, Miguel-Ángel; Poncela, Javier; Otero, Pablo. 2019. "Self-Organized Proactive Routing Protocol for Non-Uniformly Deployed Underwater Networks." Sensors 19, no. 24: 5487.

- Hindu, Sateesh K.; Hyder, Waheeduddin; Luque-Nieto, Miguel-Angel; Poncela, Javier; Otero, Pablo. "Self-Organizing and Scalable Routing Protocol (SOSRP) for Underwater Acoustic Sensor Networks." *Sensors* 19, 2019, no. 14: 3130.
- Hyder, Waheeduddin; Poncela, Javier; Luque, Miguel-Angel; Otero, Pablo. "Self-Organized Fast Routing Protocol for Radial Underwater Networks." *Sensors* 18, 2018, no. 12: 4178.
- Waheed Hyder, Adnan Nadeem, Abdul Basit, Kashif Rizwan, Kamran Ahsan and Nadeem Mehmood, A Review and Classification of Energy Efficient MAC Protocols for Underwater Wireless Sensor Network. *Journal of Basic & Applied Sciences*, 2017, 13, 63-70