



## WAN HAFIZA BINTI WAN HASSAN

My research interest is on the throughput optimization of the wireless users in the fiber-wireless (Fi-Wi) network. Fi-Wi network offers huge capacity from the fiber and great mobility from the wireless. My scope of research focuses on developing medium access control protocol in the link layer (7- layer OSI model). Besides, I also have a strong interest to venture my research in underwater wireless communications because it enables many scientific, environmental, commercial safety and military applications. Therefore, to make underwater applications viable, efficient communication network protocols among underwater devices must be proposed.



Lecturer (DS45)



MSc (UPM), B.Eng (MMU)



+ (6019) 9847378



whafiza@umt.edu.my

### Expertise Area

Main Field	: Electronics
Sub Field	: Communications
Specialization	: Medium Access Control (MAC) protocol, backoff algorithm

### Professional Membership

- Institution of Electrical and Electronic Engineers, Member, June 2012 – Present

### Networking & Collaboration

- Multimedia University, Malaysia.
- Victoria University, Melbourne, Australia.

### Publication Reference

- IEEE Xplore Digital Library :Hassan, W.H.W
- Google Scholar: Wan Hafiza Wan Hassan
- [https://www.researchgate.net/profile/Azif34yahooom\\_Hassan2/publications](https://www.researchgate.net/profile/Azif34yahooom_Hassan2/publications)

