

## Personal information

Surname(s) / First name(s)	<b>Talpur, Anum</b>
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Nationality(-ies)	Pakistani
Date of birth	November 07, 1991
Gender	Female
Research Interest	My research interests focus in the field of Wireless Sensor Networks (WSN), Internet of Things (IoT), Network Security and Microwave Communication Networks.

## Employment History

2016 – present	Lecturer at <a href="#">Department of Telecommunication, MUET, Jamshoro, PK</a>
2014 – 2015	Teaching Assistant at <a href="#">Department of Telecommunication, MUET, Jamshoro, PK</a>

## Education

2016	M.E. in Communication Systems and Networks - <a href="#">MUET, Jamshoro, PK</a>
2014	B.E. in Telecommunication Engineering - <a href="#">MUET, Jamshoro, PK</a>

## Areas of Expertise

- Wireless Sensor Networks
- Internet of Things
- Network Security
- Microwave Communication Networks

## Professional Training

2015	Tutorial on Cross-Layer Design for Wearable Wireless Sensor Networks - held at International Multi-Topic Conference (IMTIC'15) <a href="#">MUET, Jamshoro</a>
2013	2 months certified training on Android Application Development - held at Dynamic Training Solution Institute Pakistan
2012	4 week internship on Antenna Designing and Fabrication - held at <a href="#">MUET, Pakistan</a>
2012	3 days Workshop on Graphical User Interface Design using MATLAB - held at <a href="#">MUET, Jamshoro</a>

## Personal skills and competences

- Computer Language: C, C++, NesC, Python and Java
- Software Tools and Operating Systems: Mathworks MATLAB, LaTeX, LINUX Ubuntu, LINUX Sun Solaris 10, CONTIKI OS, NS2, OpNet, Packet tracer, Cooja Simulator, MultiSim, PSpice, PCAM, HFSS, Agilent ADS, Eclipse, Adobe Photoshop CS5, SAGEMATH.

## Additional information

### Annexes

- |   |                      |
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| 1 | List of publications |
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## Attachment 1: List of publications

### Publications

- [1] A. Talpur, T. Newe, F. K. Shaikh, A. A. Sheikh, E. Felemban, and A. Khelil, "Bloom filter based data collection algorithm for wireless sensor networks," in *IEEE The 31st International Conference on Information Networking (ICOIN)*, (Vietnam), January 2017.
- [2] S. Hamid, A. Talpur, F. K. Shaikh, A. A. Sheikh, and E. Felemban, "Quality of information for wireless body area networks," in *13th EAI International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness (QSHINE)*, (South Korea), July 2016.
- [3] A. Talpur, N. Baloch, N. Zaki, and F. K. Shaikh, "Analysis of power management on different body postures in wban networks," in *Procedia Computer Science: International Conference BASNet*, vol. 32, (Belgium), pp. 894–899, June 2014.
- [4] R. A. Soomro, A. Memon, A. Talpur, D. Akhtar, P. Rajani, and N. Baloch, "Parametric variation based analysis and effective design of rectangular patch antenna for bluetooth application," in *IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)*, vol. 7, pp. 40–45, 2013.