**Munam Ali Shah**
**PhD, Tenured Associate Professor**
**20** years of teaching and research **experience**. Author of **250** research **publications**. Impact factor of **200+**. Supervised **76 MS** theses and **3 PhD** these. Citation index 6000, h-index: 39; i-10 index: 117, **International collaborations** and linkages in UK, USA, KSA and China.

### Education
Post Doctorate, University of Bedfordshire, UK, 2013.
PhD, Computer Science, University of Bedfordshire, UK, June - 2013.
MSc Security Technologies and applications, University of Surrey, UK, 2009.
MSc Computer Science, University of Peshawar, PK, 2003.
BSc Computer Science, University of Peshawar, PK, 2001.

### Academic and Research Experience
- COMSATS University Islamabad, PK, *Tenured Associate Professor*, Full-time, Sep. 2019 – Date.
- COMSATS University Islamabad, PK, *Assistant Professor (TTS)*, Full-time, August 2013 – August 2019.
- PhD Supervisor: Dr. Sehrish Khan - Nov. 2021; Dr. Ikram Ullah-Feb. 2022, Dr. Abdul Waheed-June 2022
- University of Bedfordshire (UoB), UK, visiting lecturer, teaching assistant, post doctorate researcher, January 2010 – August 2013.
- COMSATS University Islamabad, PK, *Lecturer*, Full-time, July 2004 – August 2008.
- CISCO Certified Academy Instructor (*CCAI*), CUI, Part-time. January 2006 – 2013.
- Administrator/Instructor Huawei ICT Academy. 2017 – Present.

### Certificates and Memberships
- Participant, Faculty Development Program, University of Bedfordshire, 2012, 2013.
- Participant and Author at Summer School on Renewable Energy and Sustainable Design, Harbin Engineering University, China 2010.
- Cisco Certified Academy Instructor (CCAI), University of Central England, UK, 2006.
- CCNA 640-801, October 2005.
- Huawei Certified Network Associate (HCNA) H12-211, November 2017.

### Honors and Awards
- Most active reviewer for *The International Arab Journal of Information Technology (IAJIT)*, 2015 and 2016
- The best student paper award, International Conference on Automation & Computing (ICAC), 2012
- Nominee, Heidelberg Laureate Forum, Germany, 2012
- Merit Scholarship, University of Surrey, UK, 2008

### Active Researcher
- Author of more than 250 research publications including impact factor, ISI indexed and HEC recognized journal articles, international conferences, workshops and posters. Many others are accepted and few other are to be submitted. *h-index*: 39, *i10-index*: 117, *Citations*: 6158.

### Research/Project Supervision at graduate and under-graduate level.
- PhD: 3 PhD students have been supervised in the field of IoT, and Cyber Security. All 3 are graduated.
- Graduate: 76 graduate research theses have been successfully supervised.
- Undergraduate: numerous final year projects (FYPs) have been successfully supervised.
- Taught Numerous computer scince related courses and grad, undergrad and postgrad levels.

## Research Publications (selected ones)

I. Ullah and M. A. Shah, "SGO: Semantic Group Obfuscation for Location-Based Services in VANETS" in *Sensors*. Vol. 24, no. 4, pp. 1145 – 1165. 2024.

A. Waheed, M.A. Shah, A. Khan and G. Jeon, "An infrastructure-assisted job scheduling and task coordination in volunteer computing-based VANET" in *Complex and Intelligent Systems,* vol. 9, no. 4, pp. 3613 – 3633, 2023.

M. Asif, M. A. Shah et al. "Intracranial Hemorrhage Detection Using Parallel Deep Convolutional Models and Boosting Mechanism" in *Diagnostics*. Vol. 12, no. 4, pp. 652, 2023.

M. Haris, M. A. Shah & C. Maple, "Internet of Intelligent Vehicles (IoIV): An Intelligent VANET Based Computing via Predictive Modeling", in *IEEE Access*. Vol. 11, pp. 49665-49674, 2023.

R. Fazal, M. A. Shah, H. Khattak & F. Al-turjman, "Achieving data privacy for decision support systems in times of massive data sharing" in *Cluster Computing*, vol. 25, no. 5, pp. 3037-3049, 2022.

A. Raza, M. A. Shah, H. Khattak and C. Maple, "Collaborative multi-agents in dynamic industrial internet of things using deep reinforcement learning" in *Environment, Development and Sustainability,* vol., pp. 1-19, 2022

B. Urooj, M. A. Shah, C. Maple, "Malware detection: a framework for reverse engineered android applications through machine learning algorithms", in *IEEE-Access*. DOI: 10.1109/ACCESS.2022.3149053 2022.

F. Karim, M. A. Shah et al, "Towards an effective model for lung disease classification: Using Dense Capsule Nets for early classification of lung diseases" in *Environment, Development and Sustainability* vol. 24 no. 7, pp. 9481-9499 2022.

R. Fazal, M. A. Shah, H. A. Khattak, H. T. Rauf and F. Al-Turjman, "Achieving data privacy for decision support systems in times of massive data sharing" in *Journal of Cluster Computing,* vol. no. 1, pp. 1-13, 2022

Ikram Ullah, Munam Ali Shah, Abid Khan and Gwangill Jeon, "Privacy‐preserving multilevel obfuscation scheme for vehicular network", in Transactions on Emerging Telecommunication Technologies, vol. 32, no. 2, 2021 IF: 1.67

### Reviewers and member for international organizations:

- Reviewer: Future Generation Computer Systems (FGCS), IEEE IoTJ, IEEE Communication Magazines, Emerging Telecommunication Technologies (ETT), International Journal of Computers and Information Technology (IJCIT), International Arab Journal of Info. Tech. (IAJIT), Complex Adaptive Systems (CAS) Modeling, ICAC'16, ICAC'17, ICAC'18, IET Software Journal, IJDSN, etc.
- Program Committee: SWICOM 2012 – 13, Frontiers of Information Technology (FIT). ICAC,
- Guest Editor: MDPI Sensors Special Issue on Cyber Security (ISSN 2079-9292).

### Participation in International Conferences

- ICAC'21, University of Portsmouth; UK, CADE, Venice, Italy, SSCI, Florida, USA; ICAC'19, Lancaster University, *UK*; VTC2018-Fall, Chicago USA, ICKMS2018, Florida Polytechnic Univ., Florida*, USA*, ICAC'18, Newcastle University, *UK.*; FTC'17, Vancouver, *Canada*, 2017, FTC'16, San Francisco, *USA*, 2016, ICAC' 17, University of Huddersfield, *UK*, 2017; UNet'16, The Université Internationale de Casablanca (UIC), Casablanca, *Morocco*; ICAC'15, University of Strathclade, Glasgow, *UK*, 2015, ICAC'14, Cranfield University, Bedford, *UK*, 2014; PIMRC'13, London, *UK*, 2013, IB2COM, Sydney, *Australia,* 2012. RoEduNet, Iasi, *Romania*, 2011; Renewable Energy and Sustainable Design, Harbin, *China*, 2010.

## Contact Information:

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