Dr. Hamza Ali

Contact Information	Sana'a Yemen	+967-771144380 +967-738818847 (Watsapp) hamzah0609@gmail.com

Research Interests

Discrete Mathematics, Software Engineering, Wireless Sensor Networks Localization, Target Tracking.

Education

Aligarh Muslim University Computer Engineering,

> Ph.D., May 2018
>> Thesis Topic: Location Discovery in Wireless Sensor Networks
>> Supervisor: Prof. Ash Mohammad Abbas

VTU (MSRIT), Bangalore, India

> M.Tech., Software Engineering , First Class, March 2010
>> Topic: Genetic Algorithm based approach In Artificial Neural Network for Pattern Recognition Supervisor: Shashidhara H S, Ph.D

UPTU (IEC), Greater Noida , India

> B.Tech (Information Technology), I-Div, June 2006

Research Experience

Research Assistant Department of Computer Engineering, Faculty of Engineering & Technology Aligarh Muslim University Supervisor: Prof. Ash Mohammad Abbas	August 2013 to May 2018

Book Chapter

1. AM Abbas and H. Ali, "Enabling Technologies for Next Generation Wireless Communications (1st ed.)", CRC Press, 2020

Refereed Journal Publications

1. AM Abbas and H. Ali, "VirP: Virtual Points Based Localization Scheme for Wireless Sensor Networks," Wireless Personal Communications. Springer, vol. 97, no. 2, p. 2951–2970, July 2017.

2. H. Ali and AM Abbas, "A Moving Anchor Based Range-Free Localization Scheme for Wireless Sensor Networks," International Journal of Computer Science and Information Security, vol. 14, no. 9, p. 352–362, September 2016.

Conference Publications	
	1. AM Abbas and H. Ali, "AnchLP: An Anchor-based Localization Protocol for Wireless Sensor Networks," in Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014. IEEE, September 2014, pp. 2122–2128.
	2. H. Ali and AM Abbas, "MoveRL: A Movement Region Based Location Discovery Protocol for Wireless Sensor Networks," in Proceedings of the Second International Conference on Information and Communication Technology for Competitive Strategies - ICTCS '16. New York, New York, USA: ACM Press, March 2016, pp. 1–6.
	3. AM Abbas and H. Ali, "Locate, promote and split: An exponentially fast localization algorithm for wireless sensor networks," in Proceedings of the 2016 2nd International Conference on Contemporary Computing and Informatics, IC3I 2016. IEEE, December 2016, pp. . 131–136.

Workshops

Statistical Meetings

Workshop on Course Description for Faculty of Computer Science Programs, AlNassar University, Sana'a, Yemen   May 2022

Workshop on Workshop on Review and development of academic programs, International University of Technology, Twintech, Yemen,   February 2022

Workshop on Data Analysis using SPSS, MINITAB, R, Aliagarh Muslim University, Aliagrh   April 2016

One day workshop on Academic Integrity using turnitin   April 2016

Experience

Dean of Faculty of Computer Science & Information Technology
International University of Technology, Twintech,
Sana'a- Yemen   October 2020–Now

Introduction to C Programming
Department of Computer Engineering,
Aligarh Muslim University
Instructor   September 2010– June 2011

Management Information System
Division of Business Administration,
International University of Technology, Twintech
Teaching Assistant   July 2016–December 2016

Introduction to C Programming
Department of Computer Engineering,
Aligarh Muslim University
Assistant Professor   February 2019- June 2022

Mathematics 2 (Winter Semester 2022)
Object-Oriented Analysis and Design using UML (Winter Semester–Now)
Discrete Mathematics (Spring Semester - Now)
Software Engineering (Spring Semester - Now)
Faculty of Computer Science & Information Technology,
International University of Technology Twintech
Assistant Professor   September 2019

Software Engineering (Spring Semester)
Faculty of Computer Science & Information Technology,
Al-Nasser University, Sana'a – Yemen

Skill

Applications: LATEX, Mendeley, and Microsoft Office Suite
Programming Languages: C, Java, C++, and MATLAB.
Operating Systems: Linux, Windows XP, Windows 10.

Languages	English: Fluent Arabic: Native	
Awards	UGC Junior Research Fellowship (JRF), Government of India,	2013-2017
References	Mohammad Sarosh Umar Chairman Department of Computer Engineering AMU	Phone: +91-571-2721194 E-mail: saroshumar@zhcet.ac.in
	Ash Mohamed Abbas Professor Department of Computer Engineering AMU	Phone: +91-571-2721194 E-mail: am.abbas.ce@amu.ac.in
	Khaled AM Al sofi Assistant Professor Department of Computer Engineering Ibb University	Phone: +967-774640570 E-mail: kalsoufi@gmail.com