Faculty Profile

Full Name: HAMMAD KHAWAR

Position/ Designation: LECTURER

Faculty/Department: COMPUTER SCIENCE DEPARTMENT

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Short Introduction

Hammad Khawar graduated in Electronic Engineering from Sir Syed University of Engg. & Technology, Pakistan. He obtained MS (Telecommunication & Networking) from Bahria University, Pakistan. He has been working as Lecturer in different recognized universities of Karachi, Pakistan.

Experience

Academia:
- Lecturer at Nazeer Hussain University since December, 2022.
- Lecturer at Baqai Medical University from September 2019 till December, 2022.
- Lecturer at Ilma University from February, 2019 till September, 2019.
- Lecturer at Iqra University from February, 2015 till August, 2016.
- Instructor at Aligarh Institute of Technology from December 2012 till February 2015.

Non-academia:
- Customer Support Executive at ePlanet Comm. Pvt. Ltd. from Nov. 2018 till Jan. 2019.
- Automation Engineer at AC Arabia (Jeddah), KSA, from Sep. 2017 till Oct. 2018.
- Control System Engineer at AC Arabia (Dammam), KSA, from Aug. 2016 till Sep. 2017.

Educational Information

- **MS (Telecommunication & Networking) from Bahria University – Karachi Campus (Pakistan) : passing year = 2011.**

- **BS (Electronic Engineering) from SSUET (Pakistan) : passing year = 2008.**

- **HSC (Pre-Engineering) from Karachi Inter. Board : passing year = 2004.**

- **SSC (Science) from Karachi Matric. Board : passing year = 2002.**

Achievements, Research/Publications

Achievements:
- Obtained scholarships in different semesters due to very good results in the academic years of SSUET in BS (Electronic Engineering) and MS (Telecommunication and Networking).
- Have received certificate for taking active part in organizing 'International Conference on Emerging Trends in Engineering, Sciences and Technology' (ICEEST – 2016).
- Have been honored to be a part of Board of Studies (BOS) meetings held at Ilma University.

Publications (papers):

- M. A. Kamal, M. M. Alam, H. Khawar and M. S. Mazliham, "Play and Learn Case Study on Learning Abilities Through Effective Computing in Games," *2019 13th International Conference on Mathematics, Actuarial Science, Computer Science and Statistics (MACS)*, 2019, pp. 1-6, doi: 10.1109/MACS48846.2019.9024771.

- Kamal, Muhammad Ayoub, Muhammad Shahid, and Hammad Khawar. "The Mathematical Model for searching the Shortest Route for TB Patients with the help of Dijkstra's Algorithm." *Sukkur IBA Journal of Computing and Mathematical Sciences* 5, no. 2 (2021): 41-48. doi: 10.30537/sjcms.v5i2.772.

Publication (book's chapter):

- Book Title: Machine Learning for Societal Improvement, Modernization, and Progress.
  Chapter Title: Machine Learning for Internet of Things Based Smart Transportation Networks.
  Designation: 1ST author of the chapter.
  Editors: Vishnu Pendyala, San Jose State University, United States.
  Publisher: IGI Global.
  Status: Published and listed internationally.