Suhail Ashfaq Butt

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Personal Information

- o DOB: April 18, 1974
- o N.I.C :   35200-1492548-9
- o Domicile: Lahore

Professional Experience

Assistant Professor   (May 2010 To Date)
Division of Science and Technology
University of Education, Township Lahore

System Officer   (May 2005 To May 2010)
National University FAST

My major responsibilities were:

- o Managing and troubleshooting server side operations on Linux and Windows Based Servers.
- o Managing a network of around 950 nodes.
- o Responsible for system performance tuning
- o Ensuring that the network infrastructure is up and running
- o Ensuring the security of data from internal and external attacks
- o Document network problems and resolutions for future reference
- o Assist IT Manager in monitoring and evaluating all Lab Support Staff
- o Worked on different Linux flavors like SuSE Linux 9.3, Enterprise AS 4 and Fedora core 6 Linux.

Visiting Faculty Member in different Departments of Punjab University:

- Taught **Network security** subject in PUCIT.
- Taught **Introduction to Computer** in Sociology Department (Punjab University).
- Taught **IIT** and **DBMS** in IQTM (University of the Punjab).
- Teach **Introduction to Computer** in Oriental College (Punjabi Department).
- Teaching **Operating System** in University of Education.
- Conducted training session of CAA in Beacon House Informatics

Workshops

- o Conducted Training sessions of Ubuntu Linux in **FOSSAC 2005** (Free and Open Source Software Awareness Campaign) at PUCIT.

Certifications	CISCO Certified Network Associate (**CCNA**) **ID CSCO11029624** **JNCIA-JUNOS, JNCIS-SEC, JNCIA-EX, JNCIA-ER,**

Distinctions

- o Got **1st position** in M.Phil in IQTM University of the Punjab
- o Got **1st position** in M.Sc (CS) in PUCIT University of the Punjab
- o **Merit Scholarship** from IQTM University of the Punjab.
- o **Merit Scholarship** from Punjab University College of Information Technology
- o **Merit Scholarship** from Punjab Board of Technical Education Lahore.

Education

- ❑ **M.Phil TQM**   2007 To 2009   **CGPA 3.81**

Institute of Quality and Technology Management

- ❑ **M.Sc Computer Sciences**   2002 To 2004   **CGPA 3.84**

Punjab University College of Information Technology Lahore

Specialization in Networking

- o Windows based network
- o Linux based network
- o Cisco based network
- o Network security and design

- ❑ **B.A**   1993 To 1995   **2nd Div**

University of The Punjab Lahore (as a Private student)

Political Science, Journalism, Persian.

- ❑ **D.A.E (Electrical)**   1989 To 1993   **1st Div**

Govt. College of Technology Raiwind Road Lahore

Electrical Technology

- ❑ **Matric**   1989   **A Grade**

F.G Technical High School Chaklala Rawalpindi.

Science Subjects

Journal Publications

1. Niayesh Gharaei, Yasser D. Al-Otaibi, Suhail Ashfaq Butt, Sharaf Malebary, Sabit Rahim, Gul Sahar, "Energy-Efficient Tour Optimization of Wireless Mobile Chargers for Rechargeable Sensor Networks", IEEE Systems Journal 2020, (IF=4.463) **DOI:** 10.1109/JSYST.2020.2968968

2. Muhammad Waqas Nadeem, Mohammed A. Al Ghamdi, Muzammil Hussain, Muhammad Adnan Khan, Sultan H. Almotiri and Suhail Ashfaq Butt, "Brain Tumor Analysis Empowered with Deep Learning: A Review, Taxonomy, and Future Challenges", Brain Sciences 2020, (IF=2.786)

DOI: 10.3390/brainsci10020118

3. Niayesh Gharaei, Yasser D. Al-Otaibi, Suhail Ashfaq Butt, Gul Sahar, And Sabit Rahim,"Energy-Efficient and Coverage-Guaranteed Unequal-Sized Clustering for Wireless Sensor Networks", IEEE Access 2019, (IF=4.098)
DOI: 10.1109/ACCESS.2019.2950237

4. N Gharaei, SJ Malebary, KA Bakar, SZM Hashim, SA Butt, G Sahar,"Energy-Efficient Mobile-Sink Sojourn Location Optimization Scheme for Consumer Home Networks", IEEE Access 2019, (IF=4.098)
DOI: 10.1109/ACCESS.2019.2932086

5. Suhail Ashfaq Butt, Kamalrulnizam Abu Bakar, Nadeem Javaid, Niayesh Gharaei, Farruh Ishmanov, Muhammad Khalil Afzal, Muhammad Khalid Mehmood, Muhammad Akram Mujahid,"Exploiting layered multi-path routing protocols to avoid void hole regions for reliable data delivery and efficient energy management for IoT-enabled underwater WSNs", Sensors 2019, (IF=3.031)
DOI: 10.3390/s19030510

6. N Gharaei, KA Bakar, SZM Hashim, AH Pourasl, SA Butt, "Collaborative mobile sink sojourn time optimization scheme for cluster-based wireless sensor networks", IEEE Sensors Journal 2018, (IF=3.076)

   DOI: 10.1109/jsen.2018.2851300

7. Tariq Mahmood, Jianqiang Li, Yan Pei, Faheem Akhtar, Suhail Ashfaq Butt, Allah Ditta, Sirajuddin Qureshi "An intelligent fault detection approach based on reinforcement learning system in wireless sensor network", The Journal of Supercomputing 2021, (IF=2.474)
DOI: 10.1007/s11227-021-04001-1

.Conference Papers   1. TN Qureshi, N Javaid, SA Butt, W Khan, SA Changazi, MM Iqbal, "Enhanced Robustness Strategy for IoT in Smart Cities Based on Data Driven Approach", International Conference on Advanced Information Networking and Applications (AINA-2019) Japan

2. SA Butt, A Mateen, N Javaid, ZA Khan "Towards the void hole alleviation for energy efficiency in WSN" 2018 Fifth HCT Information Technology Trends (ITT), 318-324