

RESUME

Ms Abeer Iftikhar Tahirkheli

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Ambitious worker looking for opportunities for Research and Analytical Analysis and Scholarly Contribution in the field of Computer Science, **Information Security, Artificial Intelligence, Computer and Network Forensics** Strategic Studies, Hospital Management System, Criminal Analysis of Cases and Conflict Resolution. Overall **27** years of Research and Working experience in Multinationals and Pakistan Government Organizations. Almost 18 years of experience in Instructional vicinity about Research and Development in MCS, Air University and Bahria University and different educational echelons of IT, Signals, Communication, and Surveillance/Security depts in Government.



Qualification

- **SSC** (Maths, Physics, Chemistry, Biology) 69 % F.G Model School for Girls F 7/2 Islamabad *Federal Board* 1996
- **HSSC** (Maths, Stats, Economics) 72 % F.G College for Women F 7/2 Islamabad *Federal Board* 1996
- **Bachelors of Sciences** (Maths A and B, Stats) 56 % *Punjab University* 1998
- **Masters in Computer Sciences** CGPA 3.7 *International Islamic University* Islamabad 2001 Thesis: **“Visual Tutorial for Data Structures” 2nd Position**
- **MPhil in Strategic Studies** CGPA 3.72 *National Defence University* Islamabad 2016
Thesis: **“Indian Armed Forces Modernization: Ramifications for Strategic Environment of South Asia”** A Grade, 1st Posn
- **MS in Information Security** CGPA 4.0 Bahria University, Islamabad 2020 Thesis: **“Trust evaluation based approach for Smart City Networks”**, 1st Posn, **ROLL OF HONOR** , Roll No 01-247181-001
- **PHD CS (IS Domain)** CGPA 3.89 Bahria University, Islamabad 2020-25 / 26,
Roll No 01-284202-001, Domain : **“Security Provision By Using Detection And Prevention Methods To Ensure Trust In Edge Based Smart City Networks”**.

Miscellaneous Qualification

- **MCNA-2** A Grade (2020) from **Military College from Signals, Rawalpindi**
- **Sigs Analysis Trg** Rhowde & Shuwarzh Munchen Germany 2009

Google Scholar Link & International Publications

https://scholar.google.com/citations?hl=en&user=VmvNa6EAAAJ&view_op=list_works&sortBy=pubdate

Publications in Government / Defence

- Kashmir Conflict – A revolutionary and economical solution, submitted in **Strategic Thought, NDU, Session 2023 Issue II** (6 Jdec 2023), (IF 1.37)
- India’s Strategic Force Modernization and its Implications on Strategic Environment of Pakistan, submitted in **Strategic Thought, NDU, Session 2022 Issue II** (6 March 2023), (IF 1.37)
- Artificial Intelligence and its Prospective Employment in Defense Forces, **Hilal ISPR**, July 2020 (IF 0.05)
- Enhancing Efficacy of the Nuclear Non Proliferation Regime: Significance of Pakistan’s NSG Membership, **Margalla NDU, 2019 Issue –II** , Published in July 2020. (IF 1.37)

- Indian Armed Forces Modernization: Ramifications For Strategic Environment of South Asia, Submitted in Strategic Thought, Ndu **Session 2023** - under publication,
- Rafale : A Big Bogeri , submitted in **Pakistan Army Journal Winter 2021, March 2022. (Cat Z)**

Experience and Learning

- a. **Civil.** Allied Software Corporation Islamabad, Askari Information System Islamabad, Elixir Technologies Islamabad, ITIM Karachi, Pibas Karachi, Thuraya Satellite Islamabad from September 2000 till November 2006. I have vast experience in image processing (Design Pro Tools Graphics and Font Editors), word processing (StenoCat), Till and Touch Screen based Mart Software (Chamelaon) and Banking based Software.
- b. **Defence.** I am experienced in Signal Analysis of HF, VHF, UHF Tactical Radios of Pakistan, Hospital Management system of CMH and MH, Sophisticated Tactical Routers and Smart Switches, Communication equipment & Exchanges working over NGN and Cloud environment, administrative handling of various procurement and human resource management. I am working in Pakistan Army since November 2006 and currently posting in DCI Dte and serving as GSO II Coord / IT undergoing Protocol, IT and Cyber security duties.