



## Salman Jafri

*Assistant Professor*

### Contact Information:

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## Qualification

- B.Sc (Electrical Engg.) University of Engineering & Technology, Lahore, 2000.
- M.Engg (Computer Engg.), NED University of Engineering & Technology, Karachi, 2006

## Area of Specialization

- Microprocessors, Embedded Systems, FPGAs and Microcontrollers

## Work Experience

- **Assistant Professor** Usman Institute of Technology, Karachi, **January 2001 To date.**

## Membership & Affiliation

- Pakistan Engineering Council, Professional Engineer (P.E) with registration : Elect./18255

## Research Interests

- FPGAs
- Reconfigurable Computing
- Multi-core Architectures

## Courses Taught

### a) Undergrad Level

Microprocessor Based Systems, Embedded Systems, Digital Logic Design, Network Security, Linear Control Systems, Electronic Design, Digital System Design

### b) MS Level

Network Security, Microcontroller Based Systems

## Publications & Conferences

Recent publications:

- 1) **“Energy Crises in Pakistan and an Unconventional Solution”** .Salman Jafri, Adiba Jaffar. IEEEEP International Multi-topic Symposium, Pearl Continental Hotel, Karachi, Pakistan, 2011.
- 2) **“A commercially viable, reliable, low cost microcontroller based alternate CNG pressure level indicator for EFI automotive vehicles”** Salman Jafri, Raza Jafri, **Science International Lahore, issue 27(4), 3167-3169, 2015, ISSN 1013-5316, CONDEN: SINTE 8. ISI Indexed**