

## ***Javaid R. Laghari, Ph.D***

Chairperson / Federal Minister  
Higher Education Commission  
Government of Pakistan  
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### **Research Interests:**

Higher Education  
Energy and Power  
High Voltage Systems  
Information Technology  
Space Power Technology  
Leadership

### **Education:**

Ph.D (Electrical & Computer Engineering), 1980  
State University of New York at Buffalo, USA

MS (Electrical Engineering), 1975  
Middle East Technical University  
Ankara, Turkey

BE (Electrical Engineering), 1971  
University of Sindh  
Jamshoro, Pakistan

### **Advanced Institutes Attended:**

NATO Advanced Study Institute on Space Systems, UK, 1991

NATO Advanced Study Institute on Fast Electrical and Optical  
Diagnostics, Italy, 1983

### **Experience:**

Chairperson / Federal Minister (August 2009 - present)  
Higher Education Commission ([www.hec.gov.pk](http://www.hec.gov.pk))  
Government of Pakistan

Senator (2006-2009)  
Parliament of Pakistan  
(Representing PPP led by Ms. Benazir Bhutto)

President and Project Director (1995 – 2009)  
Shaheed Zulfikar Ali Bhutto Institute of Science and Technology  
(SZABIST) ([www.szabist.edu.pk](http://www.szabist.edu.pk))  
(Multi-campus university ranked among the top Business and  
Science & Technology Institutes in Asia by BusinessWeek, Asia  
Inc, Asiaweek and CNN-Time Inc)

Professor & Director of Graduate Studies (1980 – 1995)  
State University of New York at Buffalo, NY, USA

**Publications:**

3 Books  
118 Research Publications  
60 Other Publications  
22 Technical Reports & Documents  
3 Distinguished Lectures  
29 Keynote Addresses  
102 Address as Chief Guest  
58 Invited Lectures  
29 Interviews published  
63 TV Interviews  
One Book Chapter  
One Monograph  
One IEEE Standard

**Sponsored Research:**

National Aeronautics and Space Administration (NASA)  
US Air Force Office of Scientific Research  
US Office of Naval Research  
US Ballistic Missile Defence Organization  
US Defence Nuclear Agency  
US Strategic Defence Initiatives  
Hughes Aircraft  
Boeing Aerospace Company

**Honors:**

Chairman, IEEE/ACM National Conference on Emerging Technologies, Karachi, Pakistan, Dec 2004

Chairman, Academic Symposium on Universities and the Islamic Ummah, "First General Conference of the Federation of the Universities of the Islamic World" Rabat, Morocco, Feb. 1998.

Chairman, IEEE International Symposium on Electrical Insulation, Baltimore, USA, June 1992

Organized 12 International Conferences

Chaired 10 Sessions in International Conferences

Executive Committee Member of 9 Professional Societies

Over \$ 5 million in Sponsored Research in the USA (1980-95)

**Awards:**

Tamgha-e-Imtiaz, Civil Award by the President of Pakistan, 1999

Distinguished Leadership Award, 1987

International Cultural Diploma of Honor, 1998

IEEE Award for Leadership and Dedicated Services, 1994

**Listings:**

American Men and Women of Science

Who's Who in Science and Engineering

Who's Who in the East

Who's Who in the World