

# Asad Asghar Janjua

## Education

- MS. (Mechanical Engineering)** National University of Sciences & Technology (NUST), Islamabad  
CGPA 3.50/4.0  
Session: 2011-2014
- B.Sc. (Mechatronics & Control Engineering)** University of Engineering and Technology (UET), Lahore  
CGPA 2.966/4.0  
Session: 2006-2010

## Publication

[Jamil M, Janjua AA, Rafique I, Butt SI, Ayaz Y, Gilani SO. **Optimal Control based Intelligent Controller for Active Suspension System.** *Life Sci J* 2013; 10(12s):653-659] (ISSN: 1097-8135). <http://www.lifesciencesite.com>. 105  
doi:[10.7537/marslsj1012s13.105](https://doi.org/10.7537/marslsj1012s13.105)

## MS Thesis

Modeling and Control of a Non-Linear Quarter Vehicle Active Suspension System using Hybrid Fuzzy LQR Controller

## B. Sc Final Year Project

Automatic Vehicle Parking System

## Teaching Experience

- **International Islamic University, Islamabad, Pakistan (since 2014)**  
Lecturer at Department of Mechanical Engineering, Faculty of Engineering & Technology
- **Swedish College of Engineering & Technology, Wah Cantt, Pakistan (2013-2014)**  
Lecturer at Mechanical Engineering Department

## Work Experience

- **Election Commission of Pakistan (General Elections-2018)**  
Senior Assistant Presiding Officer
- **Interloop Limited, Faisalabad, Pakistan (2010-2011)**  
Engineer Electrical
- **Northern Power Generation Company Limited (GENCO-III), Faisalabad, Pakistan (2009)**  
Internee
- **Ibrahim Fibres Limited, Faisalabad, Pakistan (2009)**  
Internee

## **Memberships**

- **Pakistan Engineering Council (since 2011)**  
Registered Engineer
- **Youth Parliament of Pakistan (2008-2009)**  
Chief Whip (Blue) Party
- **World Wide Fund for Nature - Pakistan (2011)**  
Ambassador
- **Literary & Debating Society, UET Lahore, FSD Campus (2009-2010)**  
President

## **Awards/Distinctions**

- **1<sup>st</sup> Position, Chief Minister's Debate Competition at District Level**  
Government of the Punjab, Pakistan (2009)
- **2<sup>nd</sup> Position, Chief Minister's Debate Competition at Division Level**  
Government of the Punjab, Pakistan (2009)
- **2<sup>nd</sup> Position, Inter-Departmental Debating Competition, Category Serious Debate in English**  
University of Engineering & Technology, Lahore, FSD-Campus (2008)
- **2<sup>nd</sup> Position in Cricket, 2<sup>nd</sup> Annual Sports**  
University of Engineering & Technology, Lahore, FSD-Campus (2008)
- **Recipient of Letter of Thanks & Appreciation from Prime Minister of Pakistan**

## **Professional Development/Trainings/Workshops/Certifications**

- **04 Weeks Part Time Training Course on "Public Sector Management"**  
Secretariat Training Institute, Government of Pakistan (2020)
- **Training Course on "Human Resource Management in Public Sector"**  
Pakistan Planning and Management Institute, Government of Pakistan (2018)
- **02 Days Training of "Presiding & Senior Assistant Presiding Officers-GE 2018"**  
Election Commission of Pakistan and United Nations Development Program (2018)
- **02 Days Workshop on "Outcome Based Education System"**  
International Islamic University, Islamabad, and Pakistan Engineering Council (2017)
- **Pakistan Engineering Council CPD Activity Seminar on "Outcome Based Education"**  
International Islamic University, Islamabad (2016)
- **Pakistan Engineering Council CPD Activity Seminar on "Implementation of Bloom's Taxonomy in Engineering Education"**  
International Islamic University, Islamabad (2016)

- **05 Days Part Time Training Course on “Disaster Management”**  
Secretariat Training Institute, Government of Pakistan (2016)
- **05 Days Higher Education Commission, Pakistan CPD Workshop on “Faculty Skills Development Workshop”**  
International Islamic University, Islamabad (2015)
- **Workshop on “Micro-Electro Mechanical Systems”**  
National University of Sciences & Technology, Rawalpindi (2013)
- **01 Day Workshop on “Young Researchers’ Skill Development”**  
National University of Sciences & Technology, Islamabad, (2011)