

Assad Anis

Assistant Professor

E-mail: soi_assad@hotmail.com

Academic Qualification:

(In chronological order)

MS, Mechanical (Structural & Machine Design), Lappeenranta University of Technology- Finland

B.E, Mechanical, NED University of Engineering & Technology- Pakistan

Experience:

April 2011 – Todate: **Assistant Professor**, Dept. of Automotive & Marine Engineering, NED University of Engineering & Technology- Karachi- Pakistan

September 2010 – July 2011 **Visiting Professor**, Department of Industrial Engineering, Dawood College of Engineering & Technology

November 2003 – May 2010 **Assistant Manager/ Manager**, SUPARCO, Karachi

August 2008 – March 2009 **Researcher**, Rautaruukki Oyj- Finland

August 2008 – March 2009 **Lecturer**, Lappeenranta University of Technology- Finland

May 2008 – August 2008 **Research Assistant**, Laboratory of Fatigue & Strength, Lappeenranta University of Technology- Finland

July 2002 – November 2003 , **Research Assistant**, NED University of Engineering & Technology

Professional Membership:

Pakistan Engineering Council

Intech Publishers, Croatia

Honors & Awards: (if any)

Award of 600 Euros on obtaining 1st position and distinction in Masters studies

Awarded funded PhD position with Rolls Royce- UK

Awarded funded PhD position with Aalto University of Science & Technology- Finland

Best Engineer Award from SUPARCO in 2006

**Conference, Presentation
& Course Attended:
(if any)**

Visited EADS Astrium-Toulouse-France facilities & hold technical session with EADS Astrium Technical Experts to discuss issues regarding Satellite mission & system requirements.

Attended International Conference on “Mathematical Models & Methods in Fluid Mechanics” held at COMSATS Institute of Information Technology, Abbottabad, from June 23-27, 2003

MSc ADAMS software from MSc softwares
ANSYS, AUTOCAD, FLUENT, IGRIP, MATLAB & Simulink & Pro/E

**Publications:
(if any)**

Assad Anis, *Design & Development of Cold Gas Propulsion System for PRSS*, ICAST 2008, 2nd International Conference on Advances in Space Technologies, Islamabad, Pakistan, 29th – 30th November, 2008, IEEE, ISBN: 978-1-4244-3299-8, Page 49-53, November 2008

Assessment of factors affecting fatigue strength of cold formed members/ corners. Masters Thesis, Assad Anis, Laboratory of Fatigue & Strength, Lappeenranta University of Technology- Finland

Assad Anis, Timo Bjork, Sami Heinilla, *Investigation of Stress Concentration Factors in cold formed steel hollow sections* (accepted for publication in International Conference on Advanced Modeling & Simulation ICAMS, IEEE, Nov 28-30, 2011)

Assad Anis , *simulation of slider crank mechanism usin ADAMS software*, accepted for publication in International Conference on Advanced Modeling & Simulation ICAMS, IEEE, Nov 28-30, 2011

Book Chapter titled, “Cold Gas Propulsion System- An Ideal Choice for Remote Sensing Small Satellites” has been accepted in Book **Remote Sensing** with Intech Publishers, Croatia.