**CURRICULUM VITAE**

**Name**  Dr. Jehad Ahmad Yamin

Academic Rank Assistant Professor

Address Faculty of Engineering and Technology

University of Jordan

Amman- Jordan

email : yamin@ju.edu.jo

**Education**

**Ph.D.** Mechanical Engineering. Institute of Technology (Banaras Hindu University), India, 1998. Dissertation entitled of “ ***Optimum Design Parameters for an LPG Powered Spark Ignition Engine***.”

(USA). 1984.

**M****.Sc**  Mechanical Engineering (Heat Power). Institute of Technology (Banaras Hindu University), India, 1995. Dissertation entitled “***Relative Performance Of Ambassador Engine Using Gasoline and LPG as Fuels***”.

**B.Sc.** Mechanical Engineering (Heat Power). Institute of Technology (Banaras Hindu University), India, 1995.

**Work Experience:**

2002 (Feb. ) - Present Assistant Professor at the Mechanical Engineering Department, University of Jordan. Amman-Jordan

2001 –2002 Assistant Professor at the Mechanical Engineering Department, Mu’tah University. Al-Karak - Jordan.

1999-2001 Part-Time Lecturer at the Mechanical Engineering Department, University of Jordan. Amman-Jordan

**Published Research in the last five years**

1. Jehad. Yamin, H.N. Gupta and B.B. Bansal, “*Analytical study of the effect of spark plug location on the performance of an engine using propane and gasoline as fuels*”, Institution of Engineers (India) Journal-MC, Vol. 80, pp. 90-94, August 1999.
2. Jehad A.A. Yamin and R.M. Srivastava “*Performance comparison of LPG and Gasoline fuels for Ambassador car engines*”. Accepted for publications in the Institution of Engineers (India), Journal MC, 2002.
3. Jehad A.A. Yamin and Mohammad H. Dado “*Performance simulation of a four-Stroke engine with variable stroke length and compression ratio*”, Applied Energy, 77, pp. 447-463, 2004.
4. Mahmoud Abu-Zaid, and Omar Badran and Jehad A. A. Yamin , “*The effect of methanol addition on the performance of spark ignition engines*”, Energy & Fuels;; 18(2); 312-315, 2004
5. Jehad A. A. Yamin , Mahmoud Abu-Zaid, and Omar Badran, “*Comparative performance of spark ignition engine using blends of various methanol percentages and low octane number gasoline*”. International Journal of Environment and Pollution (IJEP), Vol. 23, No. 3, 2005.
6. Jehad A.A. Yamin “*Comparative Study Using Hydrogen and Gasoline as fuels for 4-Stroke Spark Ignition Engines*”, Accepted for publication in the International Journal for Engineering Reaserach, 2006.
7. Jehad A.A. Yamin, H.N. Gupta, B.B. Bansal, and O.N. Srivastava “*Analytical Studies to Optimize The Design and Operating Parameters for A Hydrogen-Fueled 4-Stroke Spark Ignition Engines*”, Hydrogen Energy Progress XII, Volume 2. The International Conference of Hydrogen Energy, Argentina, June 1998.
8. Jehad A.A. Yamin, H.N. Gupta, B.B. Bansal, and O.N. Srivastava “*Mnimization of Heat loss from hydrogen fuelled 4-Stroke spark ignition engines*”, VI International Conference “Hydrogen Material Science and Chemistry of Metal Hydrides”, Ukraine, September 2-8, 1999.
9. Jehad A.A. Yamin and Omar Badran “*Analytical study to minimize the heat losses from Propane powered 4-Stroke spark ignition engines*”. Renewable Energy (27), pp. 463-487, 2002.

**Professional activities in the last five years**

1. Dean of faculty of Engineering- University fo Jordan 1997-2001

2. Dean of faculty of Engineering- Hashmite University 2001 -2003.

3.Chairman of Mech. Eng Dept. University of Jordan 1993-1995, and 1995-1997

4.I have supervised three PhD thesis and over ten M.Sc thesis.

5. Member of the steering committee for the national center for energy research

6. Awarded Hisham Hijawey (1997)