

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Riad Assad Lafi Ahmad

Place of Birth: Jordan

Nationality: Jordanian

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QUALIFICATIONS

1998-2001: Doctor of Philosophy (Ph.D) degree in Technical Sciences (Mechanical Engineering) (Production Engineering) from the Russian Peoples' Friendship University in Moscow-Russia.

1996-1998: Masters degree in Mechanical Engineering (Production Engineering) from the Russian Peoples' Friendship University in Moscow-Russia.

1991-1996: Bachelor degree in Mechanical Engineering (Production Engineering) from the Russian Peoples' Friendship University in Moscow-Russia.

1990: High School (Tawjihi), Scientific Section from Irbid Secondary School in Irbid-Jordan.

- (*Member of Jordan Engineers Association*).

PUBLICATIONS

1. Riad Ahmad, Hani Al-Rawashdeh, Ahmad O. Hasan, (2019), "Optimization of keyway broach design", Journal of Failure Analysis and Prevention, Volume 19, No. 3, PP. 688-697.

2. Riad Ahmad, Ahmad O. Hasan, Hani Al-Rawashdeh, (2019), "Photoelastic stress analysis of crankpin fillets of a crankshaft", Journal of Failure Analysis and Prevention, Volume 19, No. 2, PP. 476-487.

3. Hani. A. AL-Rawashdeh, Ahmad O. Hasan, **Riad A. Ahmad**, (2018), "Evaluation the Wind Turbines Farm in the Town of Tafila / Jordan", International Journal of Development Research, Volume 8, No. 10, PP. 23218-23224.

4. Hani. A. AL-Rawashdeh, **Riad A. Ahmad**, Ahmad O. Hasan, (2018), "The Efficient Selection Methods of Genetic Algorithm used in Scheduling Problems", International Journal of Development Research, Volume 8, No. 10, PP. 23213-23217.

5. Ahmad O. Hasana, Hani Al-Rawashdeh, Ala'a H. Al-Muhtaseb, Ahmad Abu-Jrai, **Read Ahmad**, Joseph Zeaiter, (2018), "Impact of changing combustion chamber geometry on emissions, and combustion characteristics of a single cylinder SI (spark ignition) engine fueled with ethanol/gasoline blends", Fuel, Volume 231, PP. 197–203.

6. **Riad Assad L.A.** An experimental determination of satisfactory chip breaking boundaries // Reliability of Cutting Tools and Optimization of Technological Systems. –Vol. 9.- Kramatorsk: DTMA, 1999.-p.p.131-134.

7. **Riad Assad L.A.** Specific features of chip breaking in steel turning by restricted rake surface tools // Problems of Theory and Practice in Engineering Research.-M.: ACB Publishers.-2000.-p.p. 18-20.

8. **Riad Assad L.A.** Analytical determination of force loads on tools with restricted rake surface // Problems of Theory and Practice in Engineering Research.-M.: ACB Publishers.-2000.-p.p. 11-13.

TRAINING COURSES

No	Course	Date	Conducted by
1	Training of Instructor	5-6 April, 2009	Jordan Academy for Maritime Studies (JAMS)
2	ISO 9001: 2008 Transition Workshop	23 June, 2009	Det Norske Veritas (DNV)
3	ISM Code Workshop	19 Aug. 2009	JAMS
4	Assessors & Examiners (IMO Model Course 3.12)	13-17 Dec.2010	International Maritime Organization (IMO) & JAMS
5	Effective Lecturing	29 Sep. 2011	JAMS
6	Time Management	25-29 March 2012	JAMS
7	Communication Skills	19-21 December 2012	JAMS
8	Statistical Package for Social Sciences (Spss)	1 – 4 July 2013	JAMS
9	Strategies of Excellence in Maritime Education and Training	2 – 4 September 2013	JAMS
10	Maritime Law	21 – 24 December 2014	JAMS
11	Maritime Transport Economy and Management	25 – 29 January 2015	JAMS
12	Business Risk Management according to ISO31000	18 – 20 August 2015	JAMS
13	ISO 9001:2015, Internal Audit	20 February 2016	JAMS
14	Six Sigma	April 2016	JAMS

EXPERIENCES

- 2017- till now: Al-Hussein Bin Talal University (Assistant professor), (Occupational Safety Engineering), (Dynamic Systems and Control), (Computer Aided Design (CAD): AutoCAD, SolidWorks), (Materials Science), (Manufacturing Processes), (Mechanical Engineering Design I, II), (Mechanical Vibrations).
- 2007- 2017: Jordan Academy for Maritime Studies; (Manufacturing Processes), (Manufacturing Technology), (Statics), (Dynamics), (Engineering Drawing), (Mechanical Drawing), (AutoCAD), (Mathematics).
- 2003-2007: The Higher Institute for Comprehensive Vocations / Libya; (Elements of Machines), (Welding Technology), (Engineering Drawing), (Mechanical Drawing), (Machine Design), (Workshop Technology), (Computer Numerical Control (CNC) of Machine Tools).
- 1998-2002: The Russian Peoples' Friendship University in Moscow-Russia; (Metal Cutting), (Engineering Drawing).