

Curriculum Vitae

Assist. Prof. Zeyad D. Kadhim

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PERSONAL SUMMARY:

- PhD Metallurgy Engineering: Materials science, Materials Engineering Technology, Engineering Metallurgy, Heat treatment of metals and alloys, Manufacturing processes, surface engineering for metals.

EDUCATION:

PhD in Metallurgy Engineering, University of technology , Baghdad , Iraq, 2007

MSc in Metallurgy Engineering, University of technology – Baghdad, Iraq ,1997

BSc in production Engineering , University of technology – Baghdad, Iraq,1990

ACADEMIC /TEACHING EXPERIENCE:

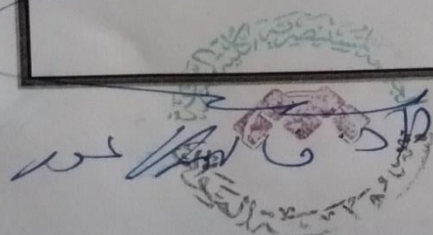
- Engineer at Al-mustansiriya University , Baghdad , Iraq, 1993-1997
- coordinator of materials engineering department ,1998-2002
- Asst.Lecturer at Al-mustansiriya University , Baghdad , Iraq, 1997-2007
- Lecturer Al-mustansiriya University , Baghdad , Iraq, 2007-2011
- Asst. prof. at 2011
- Supervisor of MSc and BSc students
- Reviewer of papers and thesis

COURSES TAUGHT:

Undergraduate	Graduate
- Engineering Drawing	- Advanced metallic Materials
- Materials science	- Surface engineering
- Extraction of materials	
- Engineering Metallurgy	
- Materials Engineering Technology	

PROFESSIONAL AFFILIATIONS:

- Member of Association of Nanotechnology
- Member of the Association of Iraqi engineers
- Member of Iraqi teachers Union



PUBLICATIONS:

- 1- "Study of the Effect of Plastic Deformation on the Mutual Diffusion", J. of Engineering Technology, No. 6, Vol. 19, 2000.
- 2- "Effect of Deformation on Aluminizing Method", J. of Engineering and Development, No. 3, Vol. 4, Nov. 2000.
- 3- "Effect of the Diffusion Bonding conditions on Joints Strength" J. of Engineering and Development, No. 1, Vol.13, 2009.
- 4- "An Investigation into the railway Shoulder Manufacturing", J. of Engineering and Development, No. 2, Vol.13, 2009.
- 5- "Prediction of Enthalpy and Internal Energy of Saturated Steam", J. of Education college, Al-Mustansiriya University, Baghdad, Iraq. To be published.
- 6- "Theoretical determination of physical properties for polyvinylproledon" J. of Education college, Al-Mustansiriya University, Baghdad, Iraq. No.5, 2010.
- 7- "Effect of cooling rate on mechanical properties of eutectic and hypoeutectic Al-Si alloys", J. of Engineering , Number 6 Volume 17 December 2011.
- 8- "Effect of alloying elements (zn, Ti) on mechanical properties of Al-Li alloys", Engineering conference comprehensive research theses, 7-8 May 2012.
- 9- "Investigation shot peening and laser shock peening on fatigue properties for steel AISI 1010", J. of Engineering and Sustainable Development, No. 04, Vol.20, 2016.
- 10- " Effect of carburizing and laser treatments of the fatigue and microstructure properties of AISI 1010 low carbon steels", J. of Engineering and Sustainable Development, To be published
- 11- "Effect of quenching media on mechanical properties for medium carbon steel" ", J. of Engineering Research and Application , vol. 6. Issue 8. (part -5) August 2016, pp. 26-34.
- 12- " Comparison of fatigue characteristic for AISI 1039 steel with surface treatment", International journal of Computational Engineering Research(IJCER), vol 06 , issue 08, 2016.
- 13- "Effect of electroless nickel interlayer on the fatigue strength of hard chromium electroplated 1039 medium carbon steel", J. of Engineering and Development, To be published.
- 14- "Effect of Tempering Temperatures on Mechanical Properties For Medium Carbon Steel", International Journal of Research in Engineering and Science (IJRES), Volume 5 Issue 8 , August. 2017 I PP. 87-93
- 15- "Effect the coated layer of hard chromium on fatigue behavior for AISI 1039 Medium carbon steel", Journal of Engineering and Sustainable Development Vol. 22, No. 2 (part-3), March 2018
- 16- "Investigation the effect of Nd-YAG laser on the hardness and corrosion resistance of carbon steel AISI 1017", Association of Arab Universities Journal of Engineering Sciences NO.5 Volume. 25 Year. 2018
- 17- "Mechanical Properties of Burnished Steel AISI 1008", Al-Khwarizmi Engineering Journal, Vol. 14, No. 4, December, (2018) P.P. 133- 142
- 18- "Investigation and characterization of coating and carburizing AISI 1011 steel", IOP Conf. Series: Materials Science and Engineering 765 (2020) 012065

PROFESSIONAL DEVELOPMENT

- Training course in computers, University of Mustansiriya, Baghdad, Iraq.
- Educational training course, College of Education, University of Mustansiriya, Baghdad, Iraq.
- Educational training course, College of Education, University of Technology, Baghdad, Iraq.
- Educational training course, California University, Sacramento, USA, 2011.

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