

Curriculum Vitae

Dr. Mohammed Abdulraoof Abdulrazzaq

Mustansiriyah University – College of Engineering

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PERSONAL SUMMARY:

- Assistant Professor, Doctor, professional in industrial engineering, materials engineering, metal materials, materials inspection and quality control.
- Ph.D. specialization in Industrial Engineering, general specialization in production and metallurgy engineering.

EDUCATION:

- Ph.D. industrial engineering/ production and metallurgy engineering, University of technology, Baghdad, Iraq, 2011.
- M.Sc. industrial engineering/ production and metallurgy engineering, University of technology, Baghdad, Iraq, 1998.

ACADEMIC HONORS AND AWARDS:

- Get a number of documents thanks and appreciation from the minister, President of Mustansiriyah University and Dean of the Faculty of Engineering.
- Get a number of documents thanks and appreciation from President of Central Organization for Standardization and Quality Control.

ACADEMIC /TEACHING EXPERIENCE:

- Lecturer in Materials Engineering Department - college of Engineering - Mustansiriyah University, 2005 until now.
- Supervisor of B.Sc. students in Materials Engineering.
- Supervisor of M.Sc. students in Materials Engineering.
- Reviewer of papers and thesis in field of Materials Engineering and Industrial Engineering.
- Head and member of several administrative and technical committees in department of materials engineering, Faculty of Engineering, Mustansiriyah University.
- The research path is materials engineering and industrial engineering



COURSES TAUGHT:

Undergraduate	Graduate
1. Industrial Engineering 2. Materials Inspection and Quality Control 3. Materials Engineering Technology 4. Materials of Engineering Metallurgy 5. Supervising graduation projects for the fourth stage in the field of materials engineering	Supervisor of M.Sc. students in Materials Engineering.

PROFESSIONAL AFFILIATIONS:

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

PUBLICATIONS:

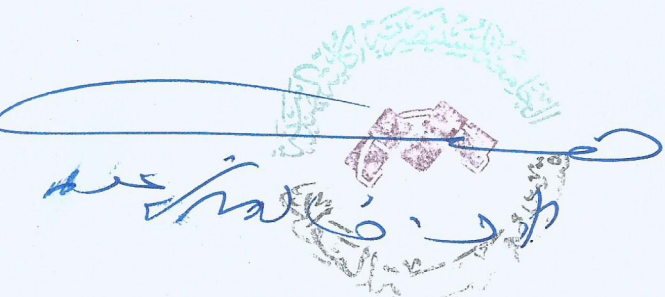
- "Quality percentage system of outgoing products" Al- Muhandes Magazin- Iraq Engineering Union 1998.
- "Enhancing Product Planning via Utilizing Quality Function Deployment with Fuzzy Logic", International Journal of Digital Content Technology and its Applications. Volume 5, Number 3, March, Korea, 2011.
- "Design algorithm to automate dynamic facility layout planning by trial and error method in cellular manufacturing", Anbar Journal for Engineering Sciences, Iraq, 2012.
- "Investigation Shot Peening and Laser Shock Peening on Fatigue Properties for Steel AISI 1010", Journal of Engineering and Sustainable Development, Vol. 20, No. 4, July 2016.
- "Effect Carburizing and Laser Treatments of the Fatigue and Microstructure Properties of AISI 1010 Low Carbon Steel", Journal of Engineering and Sustainable Development, 2016.
- "Comparison of Fatigue Characteristic for AISI 1039 Steel with Surface Treatment", International Journal of Computational Engineering Research, Vol.6, Issue 8, August, 2016.
- "Studying the Fatigue Properties of Hardened for Carbon Steel", International Journal of Computational Engineering Research, Vol.6, Issue 8, August, 2016.
- "Investigation the Mechanical Properties of Carburized Low Carbon Steel", International Journal of Engineering Research and Application, Vol.6, Issue 9, pp. 59-64, September 2016.
- "Burnishing Operation for Corrosion Resistance Improvement of AISI 1017 Carbon Steel", EJERS, European Journal of Engineering Research and Science, Vol. 3, No. 6, June 2018.




- "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.
- "Mechanical Properties of Burnished Steel AISI 1008", Al-Khwarizmi Engineering Journal, Vol. 14, No. 4, P.P. 133- 142, December, 2018.
- "Burnishing technique for improvement resistance to corrosion of low carbon steel (AISI 1017) in HCL acid", 6th International Scientific Conference on Nanotechnology, Advanced Materials and its Applications, Nanotechnology and Advanced Materials Research Centre, 616-626, 2018.
- "Effect of Shot Peening on Mechanical Properties for Steel AISI 1008", Diyala Diyala Journal of Engineering Sciences Vol. 12, No. 02, 54-64, June 2019.
- "Effect of Shot Peening and Solidification on Fatigue Properties of Epoxy Base Composite Material", 2nd International Conference on Sustainable Engineering Techniques (ICSET 2019), IOP Conf. Series: Materials Science and Engineering 518, 032017, 2019.
- "A numerical method for dynamic characteristics of nonlocal porous metal-ceramic plates under periodic dynamic loads", Structural Monitoring and Maintenance, Vol. 7, No. 1, 27-42, 2020.
- "Thermal buckling of nonlocal clamped exponentially graded plate according to a secant function based refined theory", Steel and Composite Structures, Vol. 35, No. 1, 149-159, 2020.
- "Vibration analysis of nonlocal strain gradient porous FG composite plates coupled by visco-elastic foundation based on DQM", Coupled Systems Mechanics, Vol. 9, No. 3, 201-217, 2020.
- "Protection low carbon steel from corrosion using coating process", Journal of Engineering and Sustainable Development Vol. 24, No.03, May, 2020.
- "Wear and hardness properties of carburized (AISI 1011) steel", Journal of Engineering and Sustainable Development, First Online Scientific Conference for Graduate Engineering Students, June, 2020.

PROFESSIONAL DEVELOPMENT:

- Training course in quality management of textile industries, Ministry of Planning, Central Administration of Measurement and Quality Control, Baghdad, Iraq, 1996.
- Training course in total Quality Management ISO 9000, Ministry of Planning, Central Administration of Measurement and Quality Control Baghdad, Iraq, 1997.
- Educational training course, College of Education, University of Mustansiriyah, Baghdad, Iraq, 2003.
- Certificate of internal quality auditor, Central Administration of Measurement and Quality Control, Baghdad, Iraq, 2003.
- Training course in computers, University of Mustansiriyah, Baghdad, Iraq, 2004.



- Internship part of the partnership programme Mechanical Engineering Germany - Iraq (MEGI) between the University of Technology Bagdad and the TU Bergakademie Freiberg within the scope of the Strategic Academic Partnership Programme with Iraq, (DAAD) Germany 2009-2010.
- Training course in prevent plagiarism, Baghdad, Iraq 2018.
- Training course in publishing research in international journals in Scopes and Clarivate "thomson reuters", Baghdad, Iraq 2018.
- Training course in writing skills in professional work and their common mistakes, Baghdad, Iraq 2019.
- Supervisor of M.Sc. students in materials engineering.
- Membership of the discussion committee for a number of master's thesis.
- Reviewer of patents in field of materials engineering.


 الأستاذ المساعد
 سعيد نجيب شهاب
 معاون العميد للشؤون الإدارية والمالية
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