**curriculum vitae**

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| **The personal data**  Picture | |
| Full name | **Montadhar Aboodi Muhammed Al-Moussawi** |
| Date of birth | **29/08/1975** |
| Title / workplace | **Najaf Technical College** |
| Mobile phone |  |
| Email | **inj.mun@atu.edu.iq** |

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| **Academic Qualifications** | | | | |
| **Qualification** | **University Name** | **Field- Specialization** | **Location / Country** | **Graduation Year** |
| BSc | Babylon University | Material Engineering | Babylon/Iraq | 1997 |
| MS | Babylon University | Material Engineering | Babylon/Iraq | 2000 |
| Ph.D | Sheffield Hallam | Material Engineering | Sheffield/UK | 2018 |

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| **Scientific expertise** | | |
| **Jobs and positions that work out** | **From**  **the date - to date** | **Review of the main tasks of the job or position** |
| **Consultant Engineer,**  Al-Milad company for research and development, Simulation, fabrication and designing.  Baghdad/ Iraq. | **September 1998-March 2003** | Designing parts for machines such as shafts, Residual stress analysis using FEM, investigating the slump problems and creep compliance for the viscoelastic materials including polymers and rubbers. |
| **Lecturer/Assistant Professor,**  Najaf Technical Institute –Material Engineering, Al-Furat Al-Awsat Technical University, Najaf/ Iraq. | **November 2004-January 2014** | Lecturing different subject in mechanical engineering. |

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| **Research Interest Areas** | |
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| **Supervision of M. Sc. Students** | | |
| **Title of M.Sc Thesis** | **From**  **the date - to date** | **Name of student and the position of the work** |
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| **Scientific Activities and literature and published research (Book - Journal - Conference)** | | | |
| **No.** | **Research Title** | **Publisher** | **Date of Publishing** |
| 1- | Experimental and Numerical Investigation of the pores characteristics effect on thermal conductivity and compressive strength of cellular concrete blocks | المؤتمر الأول للعلوم الصرفة والتطبيقية/ جامعة الكوفة  12-13/3/2008  PP 29-38 | 13/3/2008 |
| 2- | (Thermal Effect on Viscolastic Stress Analysis for Incompressible Material) | مجلة جامعة كربلاء العلمية | 2007 |
| 3- | The slump Problem of Cellular Concrete Block (Thermostone) | المجلة العراقية للهندسة الميكانيكية وهندسة المواد /جامعة بابل | 2009 |
| 4- | A Case Study of Types of Failure in Refractory Bricks Lining Cement Kilns | مجلة هندسة الكوفة  *Kufa Journal of Engineering* | 30/6/2011 |
| 5- | Viscoelastic Finite Element Technique for Computing Rutting of Asphalt Concrete Pavement Including Aging Factor | المؤتمر العلمي الثاني للعلوم الصرفة والتطبيقية/جامعة الكوفة/كلية الهندسة  The Second Scientific Conference of Pure and Applied Science Kufa Journal of Engineering*,* | 30/6/2010 |
| 6- | Finite Element Method For Incompressible  Viscoelastic Materials | مجلة كلية الهندسة جامعة بغداد  Journal of Engineering  University of Baghdad | 28/2/2011 |
| 7- | Corrosion Mechanism of Refractory Bricks Lining the Cement Kiln | المجلة العراقية للهندسة الميكانيكية وهندسة المواد  جامعة بابل/الهندسة | 30/8/2009 |
| 8- | The Ovality Problem in Cement Kilns (A Numerical and Experimental Study) | المجلة العراقية للهندسة الميكانيكية وهندسة المواد | 2011 |
| 9- | A Study on the Failure of Steel Chains in Rotary Cement Kilns | Metallography, Microstructure, and Analysis  journal | 2018 |
| 10- | Thermo-Mechanical Effect on Poly Crystalline Boron Nitride Tool Life During Friction Stir Welding (Dwell Period) | Metals and Materials International  journal | 2018 |
| 11- | Defect in Friction Stir Welding of Steel | Metallography, Microstructure, and Analysis  journal | 2018 |
| 12- |  |  |  |
| 13- |  |  |  |