

*Curriculum Vitae*

**Abass Ali Saleh Al-attafi**

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PERSONAL SUMMARY

- Dr. Abass is currently teaching in the department of material engineering. He is interested in research activates in the field of heat treatment of metals and alloys ,Metallurgy and SMA

EDUCATION

- Ph.D./Metallurgy/Department of material Engineering & Metallurgy/University of Technology, 2016
- M.Sc./ production & Metallurgy/Military College of Engineering/2001
- B.Sc./Mechanical Engineering department / /Baghdad University

ACADEMIC HONORS AND AWARDS:

- More than 30 Acknowledgement

ACADEMIC /TEACHING EXPERIENCES:

- Assistance lecture ,Material Engineering Department/Faculty of Engineering /Mustansiriyah university 2006-2016
- lecture ,Material Engineering Department/Faculty of Engineering /Mustansiriyah university 2006-2016

COURSES TOUGHT:

| Undergraduate         | Graduate |
|-----------------------|----------|
| Heat treatment        |          |
| Manufacturing process |          |
| Strength of Material  |          |
| Mathematic (I,II)     |          |
| Static and Dynamic    |          |



## PROFESSIONAL AFFILIATIONS

- Member of Engineer Association
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## PUBLICATIONS:

1. Investigating the Microstructure and Mechanical Properties of Brazed Joint OF Inconel 738 LC Alloys Bonded BY 5Ni 5Ti 90Al Filler Alloy”  
*,Structural Integrity and Life*, Vol.19, No.1
  2. Microstructure and Strength of Diffusion Bonded 2014 AA Alloys Using Copper Interlayer. *Open Journal of Applied Sciences*, 9, 342-353.  
<https://doi.org/10.4236/ojapps.2019.95028>
  3. A comparative Experimental study of Hypoeutectic Sn-Zn Solder Alloys”  
*International Journal of Mechanical Engineering & Technology (IJMET)*, Vol 9 Issue 6(2018)
  4. Effect of heat treatment on the mechanical properties of AA2014 alloy”  
*Contemporary Engineering Sciences* 11(69):3409-3419
  5. Processing and Characterization of high porous CuAlNi Shape Memory Alloy (IJMER), Vol.6 Iss.5 May 2016 PP.55
  6. Effect of the Application of Carbon Tetrachloride Lubricant to a Cutting Operation (Journal of Engineering and development Vol.17, No.4, October 2013)
  7. Surface tension estimation of binary system several organic liquid  
*,Petroleum Science and Technology Volume 28, 2010 - Issue 5)*
  8. Generalized Formula for Compressibility Factor  $Z$  (Petroleum Science and Technology Volume 27, 2019 - Issue 13)
  9. Modeling of Shear Stress and Shear Strain Rate of Oil in Water Emulsions  
*Petroleum Science and Technology Volume 27, 2009 - Issue 8) pp. 777-780* Published online: 23 Apr 2009
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## Professional Development:

- Certifications
  - Conferences
  - Workshops
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