وزارة التعليم العالي والبحث العلمي
جامعة المثنى

Curriculum Vita (C.V)

HAIDER TAWFIQ NAEEM ALHAJOBEED

Materials Engineering-PhD

Ghaurbi quarter, Samawah, Al-Muthanna, Iraq
H/P: 009647821744490 haidertn@mu.edu.iq dr.haider.naeem@gmail.com

Employment History and Experience

- **2015-Current**

Al-Muthanna University- Engineering College Al-Muthanna-Iraq

(Deputy Dean of Administration and Financial Affairs) 2015-2019

(Vice President of Al-Muthanna University) 2019-

- **2009-Current: Lecturer**

Al-Muthanna University Al-Muthanna-Iraq

- **Teaching Chem. E. 322 Industrial Management**
- **Teaching Chem. E. 233 Statistics and Eng. Economics**
- **Teaching CE 111, 211 English Language**
- **Teaching GE. 221 Mathematics**

Education

2012-2015 University Malaysia Perlis **Perlis-Malaysia**

- PhD in Materials Engineering

2006-2009 Basra University **Basra-Iraq**

- Master degree in Mechanical Engineering

2002-2006 Basra University **Basra-Iraq**

- Bachelor degree in Materials Engineering
- Engineering license gained in October 2006

Dissertation & Thesis

- **Naeem, Haider T.** (**2015**) Thesis for PhD. Degree in Metallurgical of Materials Engineering "The effect of Nickel, Cobalt and Tin On the evolution of Microstructural and Mechanical Properties of Al-Zn-Mg-Cu Alloys (7000 series) Via Casting, Powder Metallurgy and Friction Stir Processing Techniques".
- **Naeem, H.** (**2009**) Dissertation for Master Science Degree in Mechanical Engineering "Construction of Erosion-Corrosion System for Cold Rolled Aluminum-Magnesium Alloys

Articles in Journals

1. **H.T. Naeem** & K. S. Mohammed. **(2013)**. Microstructural Evaluation and Mechanical Properties of an Al-Zn-Mg-Cu-Alloy after Addition of Nickel under RRA Conditions. *Materials Sciences and Applications, 4*, 704-711. Publisher: Scientific Research (**IF: 0.73**).

2. **H.T. Naeem*** & K. S. Mohammed. **(2013)**. Retrogression and re-aging of aluminum alloys (AA 7075) containing nickel. *Digest Journal of Nanomaterials Biostructures, 8*(4), 1621-1632. *Indexed by ISI.* (**IF: 1.123**).

3. **H. T. Naeem***, K. S. Mohammed, K. R. Ahmad & A. Rahmat. **(2014)**. A comparative study an additives of nickel, cobalt, tin affecting the microstructures and mechanical properties of Al-Zn-Mg-Cu alloys. *Pensee Journal, 76* (3), 1-17. *Indexed by ISI.* (**I F: 0.06**).

4. **H. T. Naeem***, K. S. Mohammed, K. R. Ahmad & A. Rahmat. **(2014)**. The Influence of Nickel and Tin Additives on the Microstructural and Mechanical Properties of Al-Zn-Mg-Cu Alloys. *Advances in Materials Science and Engineering, 2014*, 1-10. *Indexed by ISI.* Publisher: Hindawi (**IF: 0.897**).

5. **H.T. Naeem***, K. S. Mohammed & K. R. Ahmad. **(2014)**.The Role of cobalt and nickel intermetallic phases on the mechanical properties and microstructure evolution of Al-Zn-Mg-Cu alloys. *Materials Research, 17*(6), 1663-1676. *Indexed by ISI.* (**IF: 0.516**).

6. **H.T. Naeem*** & K. S. Mohammed. **(2014)**. Effectiveness of alumina dispersoids particles within (7xxx series) aluminum alloy under the retrogression and reaging treatments. *Digest Journal of Nanomaterials & Biostructures, 9*(1), 295-304. *Indexed by ISI.* (**IF: 1.123**).
7. **H.T. Naeem***, K. S. Mohammad, K. R. Ahmad and A. Rahmat. **(2014)**. Characteristics of Al-Zn-Mg-Cu Alloys with Nickel Additives Synthesized via Mechanical Alloying, Cold Compaction, and Heat Treatment. *Arabian Journal for Science and Engineering, 39*(12), 9039-9048. ***Publisher: Springer Link***. (**IF: 0.367**).

8. **H.T. Naeem*** & K. S. Mohammed. **(2014)**. Synthesis of Al-Ni Intermetallic Compounds by Mechanical Alloying. *Metallurgist, 58*(7-8), 615-621. ***Publisher: Springer Link***. (**Impact Factor: 0.244**).

9. **H.T. Naeem***, K. S. Mohammed, K. R. Ahmad & A. Rahmat. **(2014)**. CORROSION BEHAVIOR OF THE Al-Zn-Mg-Cu ALLOYS WITH NICKEL ADDITIONS. Digest Journal of Nanomaterials & Biostructures, 9(4), 259-304. *Indexed by ISI.* (**IF: 1.123**).

10. **K. S. Mohammed*** & H.T. Naeem. (**2014**) Effect of milling parameters on the synthesis of Al-Ni intermetallic compound prepared by mechanical alloying. *The Physics of Metals and Metallography.* ***Publisher: Springer Link*** **(IF: 0.761).**

11. **K. S. Mohammed*** & H.T. Naeem. (**2014**).Effect of Nickel on Corrosion Resistance of Al-Zn-Mg-Cu PM Alloy Produced by Mechanical Alloying. International Journal of Science and Research, 3(12), 1800-1804. (**IF: 4.438**).

12. **H.T. Naeem***, K. S. Mohammed & K. R. Ahmad (**2015**). Effect of Friction Stir Processing on the Microstructure and Hardness of an Aluminum-Zinc-Magnesium-Copper Alloy with Nickel Additives. The Physics of Metals and Metallography. ***Publisher: Springer Link*** **(IF: 0.761).**

13. **H.T. Naeem*** & K.S. Mohammed. **(2015**). Effect of Al_2O_3 particulates on the properties of the sintered Al-Zn-Mg-Cu-Ni-Co Alloy after T6 and RRA treatments. Digest Journal of Nanomaterials & Biostructures, 10(2), 445-454. *Indexed by ISI*. (**IF: 1.123**).

14. **H.T. Naeem***, K.S. Mohammed, K. R. Ahmad & A. Rahmat. The role of direct chilling, retrogression and reaging treatment on mechanical properties of high strength aluminum alloy. Paper presented at *Advanced Materials Research 795*, 211-218. ***Indexed by SCOPUS***. Trans Tech Publications, Switzerland. International Conference on Sustainable Materials Engineering (ICOSM), 26th – 27th March **2013**, Penang Island, Malaysia.

15. **H.T. Naeem***, K.S. Mohammed, K. R. Ahmad & A. Rahmat. Evolution of the retrogression and reaging treatment on microstructure and properties of Aluminum alloy (Al-Zn-Mg-Cu). Paper presented at *Advanced Materials Research 925*, 258-262. ***Indexed by SCOPUS***. Trans Tech Publications, Switzerland. International Conference on Nanoscience, Engineering and Management (BOND21) 19-21th August **2013**, Penang, Malaysia.

16. **H.T. Naeem***, K. R. Ahmad & K.S. Mohammed. The Effect of Microalloying of Nickel, RRA Treatment on Microstructure and Mechanical Properties for High Strength Aluminum Alloy. Paper presented at *Advanced Materials Research 925* 253-257. ***Indexed by SCOPUS***. Trans Tech Publications, Switzerland. International Conference on Nanoscience, Engineering and Management (BOND21) 19-21th August, **2013** Penang, Malaysia.

17. **H.T. Naeem***, K. S. Mohammad, Kamarudin Hussin, T. Qing Tan, M. Sobri Idris. Assessment of the Retrogression and Re-aging Treatment on Microstructural and Mechanical Properties of AL-Zn-Mg-Cu P/M Alloy. Paper presented at International Conference on Mathematics, Engineering and Industrial Applications (ICoMEIA) 28-30th May, **2014**, Penang, Malaysia. Proceeding in **American Institute of Physics (AIP) which is indexed by ISI and SCOPUS**.

18. **H.T. Naeem**, K. S. Mohammad, J. Shamsul B. K.R. Ahmad, W. M.H. Hussein. Study of the properties of Aluminum Alloys Containing Nickel, Produced Using Powder Metallurgy Method. Presented at International Conference on Mathematics, Engineering and Industrial Applications (ICoMEIA) 28-30th May, 2014, Penang, Malaysia. Proceeding in **American Institute of Physics (AIP) which is indexed by ISI and SCOPUS**.

19. **H.T. Naeem**, K. S. Mohammad, K. Hussin, A. Rahmat, N. Bashirom. Influence Cobalt on Microstructural and Hardness Property of Al-Zn-Mg-Cu-Fe-Cr-Ni P/ M Alloys. Presented at International Conference on Mathematics, Engineering and Industrial Applications (ICoMEIA) 28-30th May, 2014, Penang, Malaysia. Proceeding in **American Institute of Physics (AIP) which is indexed by ISI and SCOPUS**.

20. **K. S. Mohammed*** & H.T. Naeem. (**2015**).Corrosion Behaviour of Al2O3p Reinforced Al-Zn-Mg-Cu-Ni-Co Alloy Fabricated via PM. *International Journal of Science and Research, 4*(3), 645-648.(**IF: 4.438**).

21. **K. S. Mohammed, Haider T. Naeem, Siti Nadira Iskak (2016),** STUDY OF THE FEASIBILITY OF PRODUCING Al–Ni INTERMETALLIC COMPOUNDS BY **MECHANICAL ALLOYING,** *The Physics of Metals and Metallography.*

22. **Haider Tawfiq Naeem**, The Effects of Nickel Additions on Microstructural and Hardness of Ball Milled of Al-6wt%Zn-3wt%Mg-2wt%Cu Alloys underwent the artificial Aging, Journal of Asian Scientific Research, 2016, 6(12): 158-168.

23. **Haider Tawfiq Naeem,** Study of Differential Scanning Calorimetry on Phase Precipitation in Various Heat Treatments of AlZnMgCu Aluminum Alloys, MUTHANNA JOURNAL OF ENGINEERING AND TECHNOLOGY (MJET), DOI: 10.18081/mjet/2017-5/10-15.

24. **Haider Tawfiq Naeem,** Characterizations Particulates of Crushed Particles (Al_Zn_Mg_Cu_Ni) for Fabrication of Surface Composites Al-Alloy Using Friction Stir Processing Route, MUTHANNA JOURNAL OF ENGINEERING AND TECHNOLOGY (MJET), DOI: 10.18081/mjet/2016-4/56-65.

25. Safaa A.S. Almtori, **Haider T. Naeem** and T. A. Selman **(2016),** Study the Effect of Cold Rolling of Aluminum-Magnesium (5083) Alloys on the Erosion-Corrosion Test at the Impact Angles (30°, 90°) in River Water.

26. **Haider T. Naeem,** Role of Sintering, Co-particles on Properties of Milled Al-Zn-Mg-Cu' Matrix Produced via PM, Journal of Global Pharma Technology**,**

27. Jafer Fahdel Odah, Ahmed Namah, **Haider Tawfiq** (2018) Preparation and characterization of polymer complex (PVA/PEO) doped with Methyl Orange thin films, Diyala Journal of pure Science.

28. **Haider T. Naeem,** Characterizations of DCM/PS Co-Doped Anatas Particulates Thin Film Underwent the Annealing Treatments, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 12, Number 24 (2017) pp. 14797-14804.

29. **Haider T. Naeem and Ali A. Hassan,** EFFECTIVENESS & ECONOMY OF SAWDUST WOOD ADSORBENTS IN REMOVING ANIONIC DYES OF AQUEOUS SOLUTIONS, Pak. J. Biotechnology. Vol. 15 (2) 311-320 (2018).

30. **Haider T. Naeem,** Ali A. Hassan, Raid T. Al-khateeb, Wastewater-(Direct Red Dye) Treatment-Using Solar Fenton Process (Journal of Pharmaceutical Sciences and Research (JPSR) ISSN: 0975–1459) will be published in December/ 2018 V10/No. (11-12).

31. **Haider Tawfiq Naeem** Study Properties of Al-Mg-Si (6000) Matrix Composites Reinforced with Alumina Particles Using Powder Metallurgy, journal of engineering and applied sciences, Vol 14(05-06), issue3, 2019.

32. Ali A. Hassan, **Haider T. Naeem**, Raid T. Hadi, A Comparative Study of Chemical Material Additives On Polyacrylamide to Treatment of Waste Water in Refineries, 2nd International Conference on Sustainable Engineering Techniques.

33. **Haider Tawfiq Naeem**, Firas Fouad Abdullah, Effects of garnet particles and chill casting conditions on properties of aluminum matrix hybrid composites, Vol 44, No 2 (2019): Eclética Química Journal

34. **Haider Tawfiq Naeem,** The influence of different pore forming agents on piezoelectric and dielectric properties of porous PZT-PCN ceramics, Materials Today: Proceedings.

35. **Haider Tawfiq Naeem, Safaa Almtori,** Effect of Cold Rolling Process on Properties of Aluminum-Magnesium Alloy (AA 5456) May 2020 Test Engineering and Management 83(0193-4120):7181 – 7189

36. **Haider Tawfiq Naeem,** The Mechanical Properties of Aluminium Metal Matrix Composite (AlMMCs) Reinforced with Ni and SiC p The Mechanical Properties of Aluminium Metal Matrix Composite (AlMMCs) Reinforced with Ni and SiCp, November 2020, IOP Conference Series Materials Science and Engineering 987.

37. **Haider Tawfiq Naeem**, Firas Fouad Abdullah Investigation on the behavior of the modified AA 7075 alloy using differential scanning calorimetry technique Investigation on the behavior of the modified AA 7075 alloy using differential scanning calorimetry technique March 2021, IOP Conference Series Materials Science and Engineering 1090(1).

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Internationals Exhibitions

1. **Haider T. Naeem**, 5TH JAN 2013, Poster. "Fabrication Ultra high strength Aluminum alloys for Erosion Environmental". UNIMAP-UNIVERSITY MALAYSIA PERLIS. On 12 Feb 2013. Malaysia. ماليزيا
2. **Haider T. Naeem**, Participation as a contestant in the Malaysia three Minute Thesis (3MT) competition 2015 held at Dewan Utama Anjung Menara Razak, UTM Kuala Lumpur, on 12 May 2015. Malaysia. ماليزيا
3. **Haider T. Naeem**, A Comparative Study of Chemical Material Additives On Polyacrylamide to Treatment of Waste Water in Refineries, 2nd International Conference on Sustainable Engineering Techniques.

المؤتمر الدولي الثاني للمواد المستدامة العراق –بغداد

- Others

1. Reviewers for more than 15 international and local scientific journals
2. Member of Iraqi Engineers Syndicate - Muthanna Branch.
3. Research Gate (18.06)

- https://www.researchgate.net/profile/Haider_Naeem6

4. ORCID

- http://orcid.org/0000-0001-6519-0501

5. Scholar. Google

- https://scholar.google.com/citations?user=BaEzZosAAAAJ&hl=ar

6. Publons

- https://publons.com/researcher/1374477/haider-tawfiq-naeem/

7. Scopus with H-index 6

- https://www.scopus.com/authid/detail.uri?authorId=55899108600