

## **Ahmad Murad, Assistant Professor of Automotive Engineering Technology**

### **Education:**

1986 – 1988 College of Technological Studies –Diploma in Mechanical Engineering Technology – Automotive  
1988 – 1989 Intensive English Courses in the British Counsel –Kuwait  
1989 – 1992 Weber State University –Utah, USA, Automotive Engineering  
1992 – 1994 University of Dayton –Dayton, USA, Mechanical Engineering Technology –Bachelor Degree (BS) in Mechanical Engineering Technology  
1996 – 1997 University of Leeds –Leeds, UK –MSc Degree in Mechanical Engineering  
2001 – 2006 University of Leeds –Leeds, UK –PhD Degree in Mechanical Engineering

### **Number of years of service on this faculty:**

#### **Twenty Two Years**

1996 – 2006 College of Technological Studies, Department of Automotive & Marine Engineering Technology – Assistant Teacher

2006 – 2011 College of Technological Studies, Head of Department, Department of Automotive & Marine Engineering Technology –Assistant Professor

2011 – up to day College of Technological Studies, Department of Automotive & Marine Engineering Technology – Teaching Staff Member – Assistant Professor

### **Other related experience:**

1994 – 1996 Ministry of Public Work -Kuwait, Sanitary Engineering Department, Al-Ardeyah Sewage Treatment Plant – Field Engineer

1997 – 2001 College of Technological Studies, Department of Automotive & Marine Engineering Technology –Assistant Teacher

2006 – 2011 College of Technological Studies, Head of Department, Department of Automotive & Marine Engineering Technology –Assistant Professor

2011 – up to day College of Technological Studies, Department of Automotive & Marine Engineering Technology – Teaching Staff Member

### **Teaching interests:**

Thermodynamics, Internal Combustion Engines, Automotive Engines, Automotive Maintenance, Automotive Systems, Engineering Drawing.

### **Courses taught at PAAET:**

Automotive Maintenance, Automotive Diagnostics, Automotive Technology 1 & 2, Automotive Engine Technology, Automotive Mechanics, Automotive Powertrain, Automotive Chassis, Automotive Workshop Training, Engineering Drawing, Field Training 1 & 2, Gasoline Fuel Injection Systems, Thermodynamics, Internal Combustion Engines.

### **Research interests:**

Automotive Brakes, Automotive Refrigeration System, Automotive Engine Cooling System, Internal Combustion Engines, Automotive Engine Performance,

### **Principal publications of last five years:**

1. Mukhtar M. A. Morad, Alnaqi, Abdulwahab A.; Murad, Ahmad E.; Husain A.M. Esam., Mull Ali, Hasan A.; Al-Rashed, Abdullah A. A. A., "The Effect of Using a Modified A/C System on the Cooling System Temperature of an Internal Combustion Engine", International Journal of Applied Engineering Research ISSN : 2248-9622, Vol. 7, Issue 5, ( Part -3) May 2017, pp.92-99.
2. Alawadhi, Khaled, Abdulwahab A. Alnaqi, Jalal Alsarraf, and Ahmad E. Murad. "*Numerical Investigation of Turbulent Flow over a Rotating Circular Cylinder under Marine Conditions.*" International Journal of engineering Research and Applications 1, no. 7: 29-37, 2017.

3. Mukhtar M. A. Morad, Abdulwahab A. Alnaqi, Ahmad E. Murad, Nawaf Alhaifi, J. G. Alotaibi, Ayedh Alajmi. "The Measurement of Fuel Consumption under Hot Ambient Temperature in Kuwait City". SSRG International Journal of Mechanical Engineering (SSRG-IJME) – volume 4 Issue 3–March 2017. ISSN: 2348 – 8360.
4. Murad, Ahmad E.; Alnaqi, Abdulwahab A.; Mullali, Hassan A.; Alsarraf, Jalal; Alawadhi, Khaled; AlRashed, Abdullah A. A. A.; Morad, Mukhtar M. A., "Thermal performance of disc brakes using genuine and non-genuine brake pads in Kuwait", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 8 (2016) pp 5806-5810.
5. Ahmad E. Murad, Abdullah A.A.A. Al-Rashed, Abdulwahab A. Alnaqi. "Double Diffusion in Cavity Due to Upper Half Concentration" SSRG International Journal of Mechanical Engineering, Volume 3, Issue 12, 2016.
6. Mukhtar M. A. Morad, Ahmad Murad, Abdulwahab Ali Alnaqi, Hasan Mulla Ali, Esam AM Husain, Ahmad Alkandari, "The Comparison Cost of EVs Charging via Plug-in Electricity and Gasoline Source", Journal of Mechanical Engineering and Automation, Vol. 6 No. 1, 2016, pp. 1-7. doi: 10.5923/j.jmea.20160601.01.
7. Abdulwahab A. Alnaqi, N.S. Reddy, 1Khaled Alawadhi, Ahmad E. Murad and Hasan A. Mulla Ali," Neural Network Predictive Model for Welded Marine Pipeline Internal Corrosion", Research Journal of Applied Sciences, Engineering and Technology 13(7): 585-592, 2016, DOI:10.19026/rjaset.13.3018, ISSN: 2040-7459; e-ISSN: 2040-7467.
8. Abdullah A.A.A. Al-Rashed, Ahmad E. Murad, Abdulwahab Ali Alnaqi, Md. Anwar Hossain, "The mixed convection flow in a fluid-saturated non-Darcy porous medium through a horizontal channel ", Research Journal of Applied Sciences, Engineering and Technology 13(12): 585-592, 2016, DOI:10.19026/rjaset.13.3018, ISSN: 2040-7459; e-ISSN: 2040-7467.
9. Hilal A. Abdelwali, Elsayed E.M. Ellaimony, Yousef Alhouli, Jasem M.S. Al-Rajhi, Mohsen S. Al-Ardhi, and Ahmad E. Murad "Using Fuzzy Goal Programming Technique to Obtain the Optimum Production of Vehicle Spare Parts, A Case Study", Global Journal of Researches in Engineering: J General Engineering Volume 15 Issue 6 Version 1.0 Year 2015. Publisher: Global Journals Inc. (USA). ISSN: 2249-4596 & Print ISSN: 0975-5861

**Scientific and professional societies of which a member:**

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**Honors and awards:**

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**Institutional service in last five years:**

1. 2017 Member of the Programs and Curriculum Development Committee
2. 2017 Member of the Scholarship Committee
3. 2017 Member of the Academic Accreditation Committee
4. 2016 Member of the Research Committee
5. 2016 Member of the Programs and Curriculum Development Committee
6. 2015 Member of the of Budget Committee
7. 2015 Chairman of the Promotion Committee
8. 2015 Member of the Workshop and laboratory Committee
9. 2014 Member of the Research Committee
10. 2014 Member of the Programs and Curriculum Development Committee
11. 2014 Member of the Scholarship Committee
12. 2013 Chairman of the Programs and Curriculum Development Committee
13. 2013 Member of the of Budget Committee
14. 2013 Member of the Workshop and laboratory Committee

**Professional service in last five years:**

Member of the Inventions Jury Committee, International Invention Fair in Middle East, 2011 – 2018

**Professional development activities in last five years:**

Attended many seminars organized by PAAET.