

**DR. Khaled Alhaifi**  
**Assistant Professor of Automotive and Marine Engineering Technology**

**Education:**

2000, B.Sc., University of Hartford, Hartford CT, USA  
2004, M.Sc., Coventry University, UK  
2013, Ph.D., Brunel University, UK

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

**2013-Present** Assistant Professor – Department of Auto and Marine Engineering College of Technological Studies- The Public Authority for Applied Education & Training.

**2004-2007** MSC T.A – Department of Auto and Marine Engineering College of Technological Studies- The Public Authority for Applied Education & Training.

**Other related experience:**

**2000-2003** Mechanical Engineer, Kuwait Municipality, transportation department, Kuwait

**Teaching interests:**

Engineering Drawing, Automotive Material Technology, Automotive Safety, Automotive Accident Analyses

**Courses taught at PAAET:**

Engineering Drawing, Automotive Electrical and Electronic Systems, Automotive Safety, Automotive Accident Analyses, Automotive Engines Technology, Automotive Material Technology, Automotive chassis.

**Principal publications of last five years:**

1. A. Surendar, Waluyo Adi Siswanto, Maryam Alijani, K. Alhaifi & Mohammad Salmani, High-G drop effect on the creep-fatigue failure of SAC solder joints in BGA packages, Microsystem Technologies volume 25, pages 4027–4034 (2019).
2. Elakkiya R , G. Kavithaa, Vahid Samavatian , K. Alhaifi, Alireza Kokabi , and Hossein Moayed, Reliability Enhancement of a Power Semiconductor With Optimized Solder Layer Thickness, IEEE TRANSACTIONS ON POWER ELECTRONICS, VOL. 35, NO. 6, JUNE 2020.
3. Khaled Alhaifi, Ehsan Arshid and Ahmad Reza Khorshidvand, Large deflection analysis of functionally graded saturated porous rectangular plates on nonlinear elastic foundation via GDQM, Journal of Steel and Composite Structures, Vol:39 Number 6, Pages 795-809, June25 2021.

**Affiliation**

- Member of Kuwait Engineering Society
- Member of PAAET Faculty Association
- Secretary of PAAET Faculty Association
- Head of Technical Committee in PAAET Faculty Association
- Head of Training and Development committee in PAAET Faculty Association