

**Dr. *Abdel Naser K. Dawud***

**Date of Birth:** 4<sup>th</sup> April 1970  
**Nationality:** Jordanian  
**Status:** Married , Three Children  
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**Education:**

**2007- 2016:** Ph.D., research in micro injection molding for micro electro mechanical systems (MEMS), Teesside University, UK  
**1996-1999:** Master degree in Industrial Engineering, University of Jordan.  
**1988-1993:** B.Sc. In Mechanical Engineering (Production & Design), Damascus University.

**Experience:**

**Jan.2016- now :** King Saud University. Lecturer, Mechanical Engineering Dept  
**Sep.06- Jan.2016:** King Saud University. Lecturer, Industrial Engineering Dept. ( CAD/CAM , Manufacturing I , II).  
**Feb.1999 – Sep06:** National Plastic Factory. (Saudi Arabia) Tool Room Manager. Responsible for making and maintaining plastic Moulds using CNC machines and CAD/CAM systems and manufacturing spare parts for the machines.  
**Feb.97-Feb.99:** Zara Natural Dead Sea Products. (Jordan) Executive Manager , Responsible for Purchasing, Quality system and Production planning.  
**Jul.95 - Feb.97:** Advanced Engineering Technologies Crop.( Jordan).Production Engineer in charge of process planning and preparing NC programs using CAD/CAM system.  
**Mar.94 - Jul.95:** Moulds & Spare Parts MFNG Co. ( Jordan) .Production Engineer .

## **Patents:**

- 1- Tooth extraction tool. (United States Patent: 8517730)

## **Papers:**

- 1- Predicting surface quality of  $\gamma$ -TiAl produced by additive manufacturing process using response surface method, Journal of Mechanical Science and Technology, January 2016, Volume 30, Issue 1, pp 345–352

## **Projects:**

- 1- Study on the effect of the thickness of a plastic chip containing micro channels on the shape of the channels when producing by injection molding to use in MEMS.
- 2- Manufacture of a Disposable Microfluidic Chip for Diagnostics.
- 3- Manufacture of support equipments for F15 & Tornado fighters for Saudi Royal Air Force.
- 4- Manufacture of M113 tank gun shield for Saudi Land Force.

## **Training:**

1997: ISO 9000 Internal Auditing Course.

1996: Measuring Equipment Usage Course at AETC.

1996: Computerized Coordinate Measuring Machine (CMM) Introduction course at AETC.

1996: CNC , CAD/CAM training course at AETC.

1995: Programmable Logic Control (PLC) course.

1994: Surface Finishing in Mould Making at **NOVAPAX** . ( Austria).

1994: The Technology of Manufacturing and Design of Moulds ( injection , blow, die casting and thermoforming) for three months at **KARL WESS Gesellschaft m.b.h.** ( Austria).