

# C.V.



**Full Name:** Nahedh Mahmood Ali Ismail Shornak  
**Date and Place of Birth:** Basra- 1960  
**Nationality:** Kurdish  
**Religion:** Moslem  
**Sex:** Male  
**First date of appointment:** 10/7/1983

**The date of transform to the University of Technology:** 1/4/1998  
**The date of transform to the Materials Eng. Dept.:** 21/7/2004

**General specialization:** Mechanical Engineering  
**Accurate specialization:** Power Engineering  
**Scientific surname:** Assistant professor  
**The Date of getting the scientific surname:** 19/9/2016

## **Current work:**

- Teaching the engineering and mechanical drawing
- Teaching the engineering and numerical analysis
- Head of the section of examination committee for undergraduate studies

## **Certification and Education**

- B.Sc. in Mechanical Engineering – Engineering College- Baghdad University / 1982.
- M.Sc. in Mechanical Engineering- Fluids Dynamics- Mechanical Eng. Dept.- University of Technology- 1992
- Ph.D. in Mechanical Engineering – Power - Mechanical Eng. Dept.- University of Technology- 2011.

**Languages :** Arabic / English / Kurdish

## **Scientific Experiences**

- Teaching the Engineering and Mechanical Drawing from 1998- till now.
  - Teaching the engineering and numerical analysis from 2013- till now.
  - Teaching in the Laboratories of Mechanical Engineering Dept. from 1998-2004.
  - Teaching in the Laboratories of Materials Engineering Dept. 2004-2005
  - Teaching the Mechanical Engineering (Static and Dynamics) 2004-2005.
- Administration Experiences**
- Working in the Iraqi national astronomical observatory from 1983- 1988.
  - Working in Al-Batani Scientific research center from 1988-1997.
  - Working in Al-Adreci consulting Engineering – Ministry of accommodation from 1997-1998.
  - Working as a manager and responsible of the financial affairs and warehouses in Mech. Eng. Dept. from 1999-2002.

## **Committees**

- Member of the examination committee/ undergraduate studies for years 2004/2005- 2011/2012- 2012/2013- 2013/2014.
- Head of the examination committee for years 2014/2015- 2015/2016- 2016/2017.
- Member of students affairs committee for years 2011/2012-2012/2013-2013/2014- 2014/2015.

## **Assignments**

- Reporter of Materials Eng. Dept. in 20014-2005 – first semester.
- The registration manager of Materials Eng. Dept. in 20014-2005 – second semester.
- The head of auditing unit of the graduation documents from 2011 to 2014 .
- Head of the section of examination committee for undergraduate studies, from 2014- till now.

## **Courses**

- Participate in the “ Teaching ways course” , continuous leaning canter- University of Technology- 2004
- Participate in the “ computer efficiency course”- computer center- University of Technology- 2005.

## **Published Papers**

- 1- Experimental and Finite Element Analysis on Rounded Corners Square Shape Tube Hydroforming Process.  
Eng. And Tech. Journal, Vol.32, No.9(A),2014.
- 2- Finite Element Analysis of Suppression the Vibration of Dish Using Closed Loop Control System.  
Eng. And Tech. Journal, Vol.34, No.8(A),2016.
- 3- Comparative study of performance and emission characteristics between spark ignition engine and homogeneous charge compression ignition engine (HCCI) . To be Published in Al-Khwarizmi Journal.
- 4- Experimental investigation of the effect of exhausts gas recirculation (EGR) on Nox- Smoke trade-off for SIE fueled with blends of gasoline/bioethanol)  
To be Published in Journal of Al-Rafidain University College .

## **Address**

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