

Name: Laith Kais Abbas Al-Haidary.

Born Date: Baghdad / 1974.

Permanent address: 33, 26, 614, AL-Yarmook, Baghdad, Iraq.

Nationality: Iraqi.

Marital status: Married.

Languages: Arabic and English.

Qualification:

1- B.S.c in Mechanical Engineering & Education from Technical Education Department - University of Technology (1995).

2- M.S.c in Engineering Educational Technology / Mechanical engineering Technical Education Department - University of Technology (1998).

3- Ph.D in Engineering Educational Technology / Mechanical engineering Technical Education Department - University of Technology (2003).

Teaching experience:

1- Mechanical engineering:

A- Heat transfer between swirl vortex and Taylor vortices in special kind heat exchanger.

B- Steam turbine design.

2- Computer fields:

A- Building simulation programs.

B- Building expert system programs.

C- QBasic Programming.

D- Visual basic language.

E- Microsoft office programs.

3- Materials engineering:

Non destructive inspections.

4- Teaching Computer applications for the M.Sc course.

Conferences and seminars:

- 1- The first scientific conference of materials engineering department and institute of laser for postgraduate studies, “Laser and Advanced Materials Engineering: Technology and Applications”, member ship of the organizing committee, 7-8/3/2012.
- 2- Lecturer of the seminar, “Training modern measuring methods in the laboratory (software and hardware)”, Oct.2012.

Awards:

- 1- Acknowledgment from the head of University of Technology in 2000.
- 2- Acknowledgment from the head of University of Technology in 2005.
- 3- Acknowledgment from the head of University of Technology in 2005.
- 4- Acknowledgment from the head of University of Technology in 2006.
- 5- Acknowledgment from the head of University of Technology in 2007.
- 6- Acknowledgment from the head (The Dean) of Materials engineering department in 2009.
- 7- Acknowledgment from the head (The Dean) of (Civil engineering department – University of Mustansiriyah) in 2011.
- 8- Acknowledgment from the head (The Dean) of (Electromechanical engineering department) in 2011.
- 9- Acknowledgment from the head of University of Technology in 2011.
- 10- Acknowledgment from the head (The Dean) of Materials engineering department in 2011.
- 11- Acknowledgment from the head of Al-Maamoon college in 2012.
- 12- Acknowledgment from the Ministry of higher education and scientific research in 2012.
- 13- Acknowledgment from the head of University of Technology in 2012.
- 14- Three acknowledgment from the head (The Dean) of Materials engineering department in 2013.

## Publications:

### A- Researches:-

- 1- Prof.Dr.Assim.H.Y.Al-Darajy, Dr.Laith.K.Abbas.Al-Haidary, "Preliminary design for first stage of supercritical pressure steam turbine", Baghdad fifth scientific conference / College of engineering – mechanical engineering fourth axis, 2003.
- 2- Prof.Dr.Assim.H.Y.Al-Darajy, Dr.Laith.K.Abbas.Al-Haidary," Preliminary design to find the average diameter of a steam turbine stages", Journal of engineering, No.4, Vol.10, December 2004.
- 3- Assist.Prof.Dr.Waleed.A.Hana, Dr.Laith.K.Abbas, Manar.A.Najim, "Study of Polymer Quenchants Effect on Some Properties of Stainless Steel alloy (316L)", Engineering & technology journal, Vol.27, No.10, 2009.
- 4- Assist.Prof.Dr.Waleed.A.Hana, Dr.Laith.K.Abbas, Manar.A.Najim, "Study of Polymer Quenchants Effect on Some Properties of alloyed tool steel (X155)", Engineering & technology journal, Vol.28, No.4, 2010.
- 5- Assist.Prof.Dr.Waleed.A.Hana, Dr.Laith.K.Abbas, Manar.A.Najim, "Study of Polymer Quenchants Effect on Some Properties of low alloy steel type (St37)", Engineering & technology journal, Vol.28, No.5, 2010.
- 6- Dr.Laith Kais Abbas AL-Haidary, "Study of the effect of acetone dilution percentage on mechanical properties of epoxy - acetone system", the Iraqi journal of mechanical and materials engineering, 2010.
- 7- Finite Element Analysis Using MATLAB of Oxidation Kinetics in Air of Steel-T21 Alloy Coated by Simultaneous Germanium-Doped Aluminizing-Siliconizing Process. International J. of Engg. Research & Indu. Appls. (IJERIA). ISSN 0974-1518, Vol.6, No. II (May 2013), pp 83-96, 2013.

## B- Books:

Prof.Dr.Kahtan.Kh.Al-Khazraji, Dr.Laith.K.Abbas.Al-Haidary,  
Dr.Abbas.Kh.Hussin.Al-Saady, “Computer Applications in Material Science by  
Visual Basic 6”, Dar-Djlah, first edition,. 2011.

## Supervision for students in Computer Science:-

Supervision on thesis: - Supervision on an M.Sc thesis with the

Assist.Prof.Dr.Waleed.A.Hana, ”Study of Polymer Quenchants Effect on the  
Properties of Some Steel Alloys”, a thesis submitted to the Materials Engineering  
Department by the student (Manar.A.Najim), 2008.

## Other Activities:-

1- Official director of the internet unit of materials engineering materials since  
(2009) until now.

2- Deputy dean of the management affairs of materials engineering department  
since (2011) until now.