

CURRICULUM VITAE



Personal

Name: Ahmed Ali Akbar Akbar

Date of birth: 1/11/1953

Nationality: Iraqi

Marital status: Married

Languages :Arabic and English

(Firstly)

Academic certificates and assignments

1-Bachelor of Mechanical Engineering / University of Technology / Baghdad / Iraq 1976

2-Higher diploma in engineering of production and metals / welding technology / University of Technology / Baghdad / Iraq 1977

3-Master of Engineering Production and Minerals / Welding Technology / University of Technology / Baghdad / Iraq 1979

4-PhD in Metallurgical Engineering / Welding Metallurgy / University of Technology / Baghdad / Iraq 1996

5-Scientific Rank Assistant Professor since 2007 in Libya, has been re-upgrade at the University of Technology 2011

6-Member of the faculty of the Department of Production Engineering and Metallurgy after re-appointment on 19/5/2010

7-years of service as a faculty member 39 years since 19/1/1980, 33 years of which were calculated in the Department of Production Engineering and Metallurgy

8-Head of Department of Production Engineering and Metallurgy (Dean of College) from 16-10-2011 up to 17/12/2017

9-Chairman of the administrative body of the Engineering Advisory Office of the University of Technology for 3 years from 3/12/2012

10-Chairman of the Coordination Council for Higher Education and Scientific Research with the Ministry of Industry in 2013/2014

11-Dean of Al Nukhba University Collage /24/12/2020

12- Associate Dean for Scientific affairs /collage of Technical Engineering /University of Al- Farahidi , 3/11/2021

13-Dean of Technical Engineering Collage/5/7/2023

(Second)

Practical and academic experience

1-Training for three months at the General Motors Company in Baghdad / Iraq 1972

2-Training for three months in the General Company for the maintenance of household appliances (refrigeration) 1973

3-Training in welding workshops / welding / blacksmithing / plumbing at the (University of Technology for nine months (1971-1973

4-Supervising the training of technicians from the Ministry of Industry / Iraq on welding Argon and manual electric arc / 1989

5-Consultant member of the quality control and control unit / Baghdad, Iraq for .five years (1985-1990) in mechanical specifications department

6-Chairman of the team of maintenance and repair of mechanical devices in the .laboratories of Iraqi universities in Baghdad in 1992

7-Design and manufacture of production molds for the private sector through the workshops of the University of Technology – Baghdad in 1993

8-Designing a complete production line for iron ore mining with all its accessories for the General Establishment of Extractive Operations / Baghdad 1995

9-Design and manufacture of an integrated system of unloading system with a load system for conducting the welding process of metals for research purposes (1995)

10-Preparation and teaching courses in the use of measurement and mechanical measurements at the Center for Continuing Education at the University of Technology - Baghdad - Iraq

- 11-Teaching the subject of welding technology for technical diploma at the .University of Technology in 1981**
- 12-Teaching the subject of mechanical measurements from the year (1981-1996) in the Department Production Engineering and Metallurgy / University of .Technology / Baghdad**
- 13-Teaching the design of the finishing materials in the Department of Production Engineering and Metallurgy, 1984-1989, University of Technology, .Baghdad**
- 14-Teaching the subject of measurement and control devices for postgraduate studies (Department of Production and Metal Engineering) Baghdad (1988- .(1993**
- 14-Teaching the subject of mechanical design for the final stage in the Department of Production Engineering and Metallurgy at the University of .(Technology - Baghdad - Iraq (1981-1987**
- 16-Teaching the subject of engineering and mechanical drawing for the first and second stages in the Department of Production Engineering and Metallurgy .(Baghdad, Iraq (1981-1983**
- 17-Teaching material resistance for the second phase in the Department of .Production Engineering and Metallurgy - Baghdad - Iraq 1992**
- 18-Teaching the subject of machine theory for the third phase in the Department .of Production Engineering and Metallurgy - Baghdad - Iraq 1993**
- 19-Teaching the topic of technological pathways for the third stage (industrial engineering) in the the Department of Production Engineering and Metallurgy - .(Baghdad - Iraq (1995**
- 20-Lectures in the maintenance of laboratory equipment (mechanical measuring devices and mechanical inspection devices) within the Arab Union for Technical (Education in Iraq (1992**
- 21-Participated in the International Symposium on Welding Aluminum and Steel, which was established by the European Materials Association (GOM) in .1987 Baghdad, Iraq**
- 22-Head of the Committee of mechanical and engineering tests of materials in the engineering advisory office at the University of Technology - Baghdad - Iraq ((1981-1993**
- 23-Technical director at the industrial Al- Thawra complex in Sana'a (Yemen) - for six months in 1998**

**24-Lecturer in the Faculty of Engineering / Industrial Engineering Department
University of Garyounis / Benghazi - Libya, from September (1998) until the
date of return in 2010**

**25-Teaching material mechanics for five semesters, from September (1998) until
the date of return in 2010, Faculty of Engineering / Industrial Engineering
.Department, Qaryounis University, Benghazi, Libya**

**25-Teaching the subject of manufacturing methods since four semesters since the
spring (1999) until the date of return in 2010 Faculty of Engineering /
Department of Industrial Engineering / University of Garyounis / Benghazi -
.Libya**

**27-Teaching the design of operating machines since 2004 until the date of return
in 2010 Faculty of Engineering / Department of Industrial Engineering /
University of Garyounis / Benghazi - Libya**

**28-Teaching the subject of welding and welding technology for postgraduate
students in mechanical engineering and industrial departments for autumn 1999
in the Faculty of Engineering / Industrial Engineering Department / Qarounis
.University / Benghazi - Libya**

**29-Teaching the subject of mechanical measurements for postgraduate – 30
.students since 1999 and the date of return in 2010**

**30-Teaching metal cutting theory to graduate students from 2002 until the date
of return in 2010**

**31-Overseeing more than 15 projects that graduated in the field of welding,
analysis of stresses and design of molds for students of industrial engineering
from September (1998) until the date of return in 2010 in the Faculty of
Engineering / University of Qaryounis / Department of Industrial Engineering /
.Benghazi - Libya**

**32-Teaching the subject of the formation processes for postgraduate students in
the Department of Industrial Engineering at the University of Qaryounis in
(Benghazi autumn (2008**

**33-Teaching the course of the operating technology spring (2005) for
postgraduate students in the department of industrial engineering until the date
of return in 2010**

**34-Teaching the course of qualitative control on the micro structure of metals for
the master / metal phase from 2010 until the academic year 2017**

35-Joint teaching of the course of mineral failure analysis for the PHD / MAADEN phase from 2010 until the 2017 academic year

36-Teaching the course of examination and control devices for the master / production stage for the academic years 2016 and 2017

37-Preparing training courses in the field of pipe welding for technicians from the cement factories in 2005/2006 in Benghazi, Libya

38-Work as a conductor for welding joints through the Center for Research - and Engineering Consultations at the Faculty of Engineering university of Garyounis in Bengazi

Third

Supervision of Master and Ph.D Students

1-Supervision of a master student in the subject of welding monopoly 1987 / University of Technology

2-Master of the MA in GMAW welding of carbon steel in 1998-

In Libya at the University of Garyounis

3-Supervision of a master student in the subject of the technology of welding pipes Spring (1999) Faculty of Engineering / Department of Industrial .Engineering / University of Garyounis / Benghazi - Libya

4-Supervising a master student in the field of metal cutting in 2004/2005 Faculty of Engineering / University of Garyounis, Benghazi - Libya,

5-Supervising a master student in the field of cyclic wear in 2004/2005 Faculty of Engineering / University of Garyounis Benghazi - Libya,,

6-Supervising a master student in the field of direct extruding of pure aluminum in 2005/2006) Faculty of Engineering / Department of Industrial Engineering / University of Garyounis / Benghazi - Libya,

7-Faculty of Engineering / University of Garyounis 7 - Supervising a master student in the subject of welding pipes in the arc of self-shielded gas inert 2008/2007 Faculty of Engineering / University of Garyounis, Benghazi - Libya,

8-Supervising a master student in the field of reciprocating wear of piston ring. in 2008/2009 ,Faculty of Engineering / University of Garyounis

9-Supervising the Master Thesis in the subject of deep drawing of carbon steel in 2/2002/2003 Faculty of Engineering / University of Garyounis,

10-Supervising a master thesis on the effect of carbon content on sliding wear behavior of carbon steel in 2003, Faculty of Engineering / University of Garyounis

11-Supervising a master thesis on the wear behavior of aluminum alloy reinforced with carbide silicon in 2011/2012 in the department of Production Engineering and Metallurgy

12-Supervision of Master Thesis on the wear and tear of the aluminum alloy - composite in 2012/2013 in the Department of Production Engineering and Metallurgy

13-Supervising the letter Masters in the subject of arc welding submerged carbon steel 2013/2014 in the Department of Production Engineering and Metallurgy

14-Joint supervision of the PhD thesis in diffusion welding of 304 stainless steel in 2012 / in the Department of Production Engineering and Metallurgy

15-Supervising a master's thesis for the alloy welding of Aluminum alloy in the department of Production Engineering and Metallurgy/2016

16-Joint supervision of a PhD thesis in the study of the characteristics of the welding of the 316 Stainless Steel pipes and the Titanium alloy used in the oil installations in the production and metals sector in 2017.

17-Joint supervision of a PhD thesis in Extraction of heavy metals from oil crudes in the department of Production Engineering and Metallurgy 2019.

(Fourthly)

Publications

1-Preparation of a systematic book (as a participant) in the subject of welding technology / general printing (1993) University of Technology / Baghdad

2-published a research on the subject of corrosive corrosion in the Journal of .Engineering and Technology in (1993) Baghdad

3-Publication of two researches on the subject of welding friction in the Journal of Engineering and Technology in (1987) and (1992) - Baghdad

4-Participation in a research at the World Welding Conference in Tripoli, Libya, on the definition of ideal conditions in the welding of spiral pipes in October 2003

5-Participation in two researches on welding of cast iron and welding spread at the second engineering conference in Benghazi 2003

6-Participate in a research at the annual ASME Conference on Mechanical in the United State Engineering in Orlando2005

7-Participate in a research on carbon steel wear, in the ASME annual conference of mechanical engineering in Chicago, USA/ 2006

8-Participation in a research on the effect of the variables of the cutting process on the hardness of the chip in conference held in Assiut, Egypt/2008

9-Research published in the Journal of the Faculty of Engineering, Minia University, Cairo on pure copper extrusion/2009

10-Published a joint research on the study of the direct extruding of aluminum 2014 in the Journal of Engineering and Technology 2012 Issue 6 - Volume 30

11-Published a joint research on the study of dry slippery wear of an overlapping material based on aluminum - Reinforced copper with silicon carbide minutes in the Journal of Engineering and Technology 2014 Issue 6 Volume 32

12-A joint research was published on the subject of estimating the dimensions of the welding area in the submerged electric arc in the international Journal of Advanced Engineering Technology E-ISSN 0976-3945 in International Journal of Advance Engineering Technology. / Vol. V / Issue IV / Oct-Dec., 2014

13-A co- work paper on diffusion bonding of pure Titanium to Stainless Steel AISI 316L using pure copper as interlayer published by IOP Publishing: IOP Conf. Series: Materials Science and Engineering, 518, 2019 ,032041,doi:10.1088/1757-899X/518/3/032041

14-Published co- paper work on DIFFUSION BONDING OF USING TAGUCHI METHOD in the INTERNATIONAL JOURNAL OF RESEARCH SCIENCE & MANAGEMENT,5(7): July, 2018.

15- Published co- paper work on DIFFUSION BONDING OF AL ALLOY USING DIFFERENT IINTERLAYERS in the the INTERNATIONAL JOURNAL OF RESEARCH SCIENCE & MANAGEMENT,5(7): July, 2018.

16- Published co- paper work on optimization of diffusion bonding of pure copper and stainless steel 304,in Al-Khwarizmi Engineering journal, vol.14,No.2, June2018,pp30-39

17- Published co- paper work on corrosion behavior of diffusion bonding joints of (OFHC) copper with stainless steel 304L in 3.55 %Nacl in the Al-Nahrain journal for Engineering Sciences , vol.21,No.1, 2018,pp74-81

