CURRICULUM VITAE

-Name :- Asst .prof. dr. Aseel Basim Abdul Hussain Al-Zubaidi

-date of birth:- 1/3/1977

-Permanent address :- Assttant professor –materials engineering – university technology –Baghdad –Iraq.

-E-mail :- dr.material@yahoo.com

-Contact numbers :- 009647816535367

-Nationality :- Iraqi

-marital status :- married

- Languages :- Arabic, English and little French

-Qualification :-

- Ph.D. Physics, Molecular Physics, Al-Mustansiriya University, Baghdad, Iraq, Sep. 2006.
- M.Sc. Physics, Optics, Al-Mustansiriya University, Baghdad, Iraq, April 2002.
- B.Sc. Physics, Al-Mustansiriya University, Baghdad, Iraq, July 1999.

-Teaching experience :-

Since Nov. 2007	Teaching at Department of Material Engineering – University of Technology – Baghdad – Iraq.
Jan 2002 – Nov. 2007	Researcher at Material Science Unit – Ministry of Science and Technology – Baghdad Iraq.

-Conferences and Seminars :-

- ICPSD conference ,Al-Nahrain University-college of science ,28-30 oct. -2014.
- energy materials nano technology –spring meeting -Lass Vegas ,Nevada Conference of USA 27 -30 /3/2014
- Nanotechnology, Advanced Materials and Their Applications, fourth scientific conference, University of Technology, SCNAMA, 6-7 Nov. 2013.
- Nanotechnology, Advanced Materials and Their Applications, Second scientific conference, University of Technology, SCNAMA, 3-4 Nov. 2010.
- Nanotechnology, Advanced Materials and Their Applications, First scientific conference, University of Technology, SCNAMA, 13-15 Oct. 2009.
- Education College. Department of Physics, Al-Mustansiriya University, 2002.

AWARDS

1. Letter of recognition (No. Chancellor Office /319 dated 21.4.2009) by University of Technology chancellor on preparation and organization of second scientific seminar held on 6.4.2009 / University of Technology.
2. Letter of recognition (No. Chancellor Office / 653 dated 6.4.2009) by University of Technology Chancellor on desk supervision of first scientific conference on nanotechnology and advanced materials (SCNAMA2009) held on 13 – 14.10.2009.
3. Letter of recognition (No. HoD / 1626) dated on 29.6.2010 by head of Materials Engineering Department – University of Technology on participation in examining committee.

4. Letter of Recognition (No. 1318 dated on 20.12.2010) by University of Technology chancellor on desk supervision of first scientific conference on nanotechnology and advanced materials (SCNAMA2010) held on 4.11.2010.
5. Letter of recognition (No. HoD / 166) dated on 13.1.2011 by head of Materials Engineering Department – University of Technology for supervision of networking and internet services.
6. Letter of recognition(No.860/8)date on (22/5/2013) by ministry of high education for good and scientific reasserting .
7. Letter of recognition (No.546)date on 12/6/2013) for attending workshop at nanotechnology center and advance materials .
8. Letter of recognition (No.5353) dated on 8/9/2013 by head of Materials Engineering Department – University of Technology on efforts 2012-2013.
9. Letter of recognition (No.730) dated on 29/6/2014 by head of nanotechnology and advanced materials, University of Technology for dedication of my publication book.
10. Letter of Recognition (No. 849 dated on1.12.2014) by University of Technology chancellor on desk supervision of first scientific conference for accomplishment of the requirements of the master degree master project with in proposed time.

-Publications :-

1- Researches :-

1. Effect of Partial Coherence Illuminated Bar on Evaluation Technique of Diffraction Image. Dr. Hamid Ameen, Dr. Hayfaa Ghazi, **Aseel Al-Zubaidi**, Accepted for oral presentation and publication in 15th Scientific Conference of College of Education \ Al-Mustansiriya University, Acceptance letter No. 2 dated on 19.3.2002.
2. β- structure properties of Zn-Phthalocyanine organic semi-conductor., Dr. Muhammed Taqi, **Dr. Aseel Al-Zubaidi**, Baghdad University Journal. 2006.
3. IR Experimental and Theoretical Investigation of Phthalocyanine Substituted with Zn Metal. Muhammed Taqi, **Dr. Aseel Al-Zubaidi**, Baghdad University Journal. 2006.
4. A particle method for production of foamed glass. **Dr. Aseel Al-Zubaidi**, Jr. University of Technology, 27(13) 2009.
5. Preparing Polyester– Bentonite clay Nano-composite. Dr. Alaa Abdulhamid, **Dr. Aseel Al-Zubaidi**, published in proceeding of First Scientific Conference of University of Technology. ADMA 13-15.10.2009.
6. Effect of tempering on wear rate of 100 Cr steel. Dr. Khansa Al-Shamari, **Dr. Aseel Al-Zubaidi**, and Khalid Husein. Published in Iraqi Scientific Journal of Material and Mechanical Engineering V.11,N.3.2011.
7. Mechanical, Thermal and Wear Characteristics of Polymer Composite Material Reinforced with Calcium Carbonate Powder. **Dr. Aseel Al-Zubaidi** ,dr Ahmed A. Al-Tabbakh, Lect. Hanaa Al-Qaessy and Eng. Ragad Al-Kaseey published in proceeding of fourth Scientific Conference of University of Technology,6- 7/11- V 32,Part B,N.3,2014.

8. Combined particle size distribution and XRD measurements for investigation of electrochemical capacity of spinel and layered structures for LI Ion batteries. dr Ahmed A. Al-Tabbakh **Dr. Aseel Al-Zubaidi** ,dr Norlida Kammarul zaman. published in proceeding of energy materials nano technology –spring meeting -lass Vegas ,Nevada Conference of USA 27 - 30 /3/2014.
9. Mechanical and Thermal properties of cockles shell cementing materials. **Dr. Aseel Al-Zubaidi** ,dr. Ahmed A. Al-Tabbakh, Lect. ragad Osama abbas ,Eng .Nazar jabar abed al reda. Published in Iraqi Scientific Journal of physic-Baghdad University.25/8/2014.
10. Effect of industrial powder on mechanical properties of glass fiber reinforced epoxy composite. **Dr. Aseel Al-Zubaidi** ,Dr, Emad AL-Hasaney ,Eng. reem alaa, Published in Iraqi Scientific Journal of physic-Baghdad University.26/6/2014.
11. Correlation of Attainable Capacity and Lithium Distribution in spinel Cathode Compounds for Li Rechargeable Batteries. dr. Ahmed A. Al-Tabbakh, **Dr. Aseel Al-Zubaidi** and dr Norlida Kammarul zaman, published in proceeding of ICPSD conference ,Al-Nahrain University-college of science ,28-30 oct. - 2014.
12. Corrosion Behavior of Amalgam /Cockles Shells composites in artificial saliva. dr. Rana Afif Majed, **dr.Aseel Basim Al-Zubaidi**, dr.Ahmed Abdulrahman Al-Tabbakh .published in INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY,21.nov. 2014. Impact factor =2.114.
13. Effect of industrial powder on mechanical properties of glass fiber reinforced epoxy composite. **Dr.Aseel Basim Al-Zubaidi**, dr. Imad AL-Hasani .eng.reem alaa. published in Iraqi journal of physics V.12,N.25,P.8-24,2014.

14. Effect of Natural Materials powders on mechanical and physical properties of glass fiber/epoxy composite. **Dr. Aseel Basim Al-Zubaidi**, dr. Imad AL-Hasani .eng.reem alaa. Published in Jr. University of Technology.2015.

15. Thermally Treated Rice Husk Ash for Cement Replacement. **Dr. Aseel Basim Al-Zubaidi**. Published in International Journal of Innovative Research in Advanced Engineering (IJIRAE). Volume 2 – Issue 01 January India. 2015

16. Effect of Addition Bio Filler (Beans Shell powder) Reinforcement By Polyester Composites. **Asst. prof. Dr. Aseel B. Al-Zubaidi**, Asst. prof. Falak U. Abass, Asst .prof. Raghad U. Abass, Published in International Journal of Scientific & Engineering Research, Volume 6, Issue 2, February-2015.

17. Study Mechanical Behaviors Rice husk ash and carrot powders as Mortar for CementReplacement.**Asst.Prof.Dr.AseelB.Al-zubaidi,**Asst.Prof.Dr.Ahmed A.AL-Tabbakh, Asst. prof. Raghad U. Abass ,Eman A. Hameed , Published in IJISET - International Journal of Innovative Science, Engineering & Technology, Vol. 2 Issue 3, March 2015.

18. Effect of Nature Materials Powders on Mechanical and Physical Properties of Glass Fiber / Epoxy Composite, **Dr. Aseel Basim Al-Zubaidi**, Dr. Imad AL-Hasani . Eng. Reem Alaa. Published in Eng. & Tech. J. V.33,PART(A) N.1,P.175.2015.

2. Books:

1. Book of Nanotechnology; Dr. Kahtan Al-Khazragi, Dr. Rana Afif and **Dr. Aseel B. Al-Zubaidi**. published in Jordan, 2010. (Recognized as an assisting book for under- and postgraduate studies, Recognition letter, No. 1175 dated on 29.07.2010).

2. Book of Nanotechnology in Our Life, Dr. Kahtan Al-Khazragi, **Dr. Aseel B. Al-Zubaidi** and Dr. Rana Afif, published in Jordan , 2011.

3. Book of "carbon nano tubes" Dr. Kahtan Al-Khazragi, **Dr. Aseel B. Al-Zubaidi** and Dr. Rana Afif, published in Germany, 2014.

4. Book of "erosion wear of composite materials reinforced by different systems " **Dr. Aseel B. Al-Zubaidi** and Dr. Emad al-Hhassani, Eng. Reem Alaa. published in Germany, 2015.

-work shops attended :-

1. Scanning Probe Microscope (SPM) Workshop, Dec. 28-30. 2010, Nanotechnology and Advanced Materials Center, University of Technology, Baghdad, IRAQ,
2. Attending a workshop on " Modern methods in conflict management and the preparation and settlement of claims and entitlements for real estate companies" workshop held in Egypt on 15-18.February 2010.
3. Attending a workshop by Association of Friends of French Language, University of Technology, for the period 14-25/09.2008.
4. Attending a workshop of "Teaching Methods, University Training and Computer-Assisted Learning", Center of Continuing Education, University of Technology, for the period 02-16. 12. 2007.

COMPUTER SKILLS

- Operation of Celn & c-size programs used in calculation of solids grain size , Crystalline Axes and Orientations.

- FORTRAN Programming Language.
- XRD
- AFM

OTHER ACTIVITIES

1. Chief of greeting committee for the 2nd scientific conference of Nanotechnology and advanced Materials, University of Technology, 3-4 Nov. 2010. (Assignment Letter No. 2079 (٢٠٧٩ ع.م.م) Dated on 4.10.2010).
2. Chief Board Representative of Internet, Department of Material Engineering – University of Technology, Assignment letter No. 76HD/2280(٢٢٨٠\.د.هـ ٧٦) dated on 27.09.2010.
3. Member of Preparatory Committee, 2nd scientific conference of Nanotechnology and advanced Materials, University of Technology, 3-4 Nov. 2010. Assignment letter No. 351 (٣٥١ ع.م.م) dated on 22.03.2010.
4. Organizing a workshop on destructive and nondestructive measurements for materials ,from12\3-1\4- 2010. University of Technology.
5. Organizing a workshop on preparation methods and assessment of ceramic dyes and Metallic Alloys and their engineering applications, from 4-8.4.2010. University of Technology.
6. Organization of workshop on LASER utilizations in Industrial Applications, from 18-22.4.2010. University of Technology.
7. Member of Examination Committee, Department of Materials Engineering, University of Technology, academic year 2009 - 2010.

8. Chief Board Representative of Internet, Department of Material Engineering – University of Technology, Assignment letter No. 76HD/ 2280 (٧٦ هـ.د.\٢٢٨٠) dated on 27.09.2009
9. Chief of greeting committee for the 1st. scientific conference of Nanotechnology and advanced Materials, University of Technology, 13-14 Oct. 2009. (Assignment Letter No. 841 (841 م.م.ع) Dated on 4.10.2009).
10. Participation in reviewing several scientific papers in the field of interest.
11. Member of Examining Committee for Graduation Assignments / Materials Behaviour Committee at Department of Material Engineering – University of Technology, Assignment Letter No. (٦ ب.هـ.د.\٢٦٣) dated on 02.02.2009.
12. Member of Symposium Organizing Committee, "The role of materials engineer in supporting the reconstruction and strengthening of the country's infrastructure", Assignment letter No. (٦ ب.هـ.د. \١٩١) dated on 21.01.2009.
13. Member of Examination Committee, Department of Materials Engineering, University of Technology, academic year 2008 – 2009.
14. Member Board Representative of Internet, Department of Material Engineering – University of Technology, Assignment letter No. 6B/2113 (٦ ب\٢١١٣) dated on 22.09.2008.
15. Member Board Representative of Internet, Department of Material Engineering – University of Technology, Assignment letter No. 6BHD/1448 (٦ب.هـ.د.\١٤٤٨) dated on 18.11.2007.
16. Chief of Internet, Department of Material Engineering– University of Technology, Assignment letter No. 64444 date on 24/11/2013.

17. Member of conference .workshop and community Department of Material Engineering– University of Technology, Assignment letter No. 64444 date on 24/11/2013.
18. member of Ibin Cena project (Ibin Cena project for electronical education) University of Technology, Assignment letter No. 633 date on 9/10/2013 until now.

Topics studied by the initial studies:

1. rays technologies .
2. electric and magnetic materials
3. test and characterization of Engineering Materials
4. Nanotechnology
5. composites materials
6. characterizations and test materials.
7. molecular physic in nano units.