

CURRICULUM VITAE

Personal Information

Full Name :Fayadh Mohamed Abed
Gender :Male
Date and place of Birth :12 Jan.M 1968 Habaniya
Marital Status :Married
Nationality :Iraqi
Current Address :Tikrit-Univesity Campus
E-mail :fayadh_mohamed@tu.edu.iq



Dr. Fayadh M. Abed received his PhD in mechanical engineering from the University of Technology in 2002. He taught graduate and undergraduate courses in heat transfer, gas dynamic, computer languages, numerical analysis, AutoCAD, advanced mathematics and FEM for twenty years.

Dr. Fayadh studied English language at college of linguistics, university of Baghdad and obtained his bachelor of Art Degree in 2005, also, studied law at College of Rights, Tikrit university.

Professor Fayadh is currently, the Dean of the college of engineering at the University Of Tikrit. He assumed many academic positions at the University of Tikrit, including head of computer department 2007-2010, manager of computer and information center, Deputy Dean of the college of engineering.

Dr. Fayadh is a member of many notable engineering associations (Iraqi Engineers Union,). His field of interest is renewable energy, solar energy, Fluid mechanics, CFD, and Nano-fluid.

Dr. Fayadh, also holds a BA in Law from Tikrit university and a degree in English Language from Baghdad university in addition to a diploma in French Language from Baghdad university.

He published more than fourteen researches and papers, six books in the field of mechanical engineering and reviewed many other researches as a reviewer and edited many international professional journals and magazines. He is a member of ASME Journal under membership number 102132278.

Teaching Background

1. From 2000 to 2002 a Lecturer in Fluid Dynamics at the Department of Machinery and equipment / University of Technology.
2. From 2002 to 2003, a lecturer in Advanced mathematics at the Department of Computer Science / University of Technology / Higher Diploma study
3. From 2002 to 2003, a lecturer in Finite Elements at the Department of Mechanical / Technical Education Authority
4. From 2003 to 2006, a lecturer in Mathematics and Numerical Analysis at the Department of Computer Science / University of Technology / Undergraduate Study
5. From 2003 to 2006, a lecturer in Robotics, Mathematics and Numerical Analysis at the Faculty of Control / University of Technology / Undergraduate Study
6. From 2005 to 2006, a lecturer in Manufacturing systems at the Faculty of Control / University of Technology / postgraduate Study
7. From 2005 to 2006, a lecturer in Computer- aided manufacturing at the Faculty of Control / University of Technology / undergraduate Study
8. From 2006 to 2010, a lecturer in Computer Graphics and Image Processing at the College of Computer and mathematics / Computer Department in University of Tikrit / undergraduate Study
9. From 2008 to 2012, a lecturer in Numerical analysis at the College of Engineering/Mechanical Department/ University of Tikrit / postgraduate Study
10. From 2010 to 2013, a lecturer in Renewable energy-Solar System at the College of Engineering/Mechanical Department/ University of Tikrit / postgraduate Study
11. From 2010 to 2013, a lecturer in the College of Engineering/Mechanical Department/ University of Tikrit / postgraduate Study (Material: Advanced Mathematics)
12. From 2010 to 2013, a lecturer in Heat Transfer at the College of Engineering/Mechanical Department/ University of Tikrit / undergraduate Study
13. From 2013, a lecturer in Numerical analysis at the College of Engineering/Environmental Department/ University of Tikrit / undergraduate Study
14. From 2013, a lecturer in Numerical analysis at the College of Engineering/Chemical Department/ University of Tikrit / undergraduate Study
15. From 2013-2014, a lecturer in Research Methodology at the College of Engineering/Civil Department/ University of Tikrit / post-graduate Study

16. From 2013-2014, a lecturer in heat Transfer at the College of Engineering/mechanical Department/ University of Tikrit / undergraduate Study
17. From 2013-2014, a lecturer in Advanced Mathematics at the College of Engineering/mechanical Department/ University of Tikrit / post-graduate Study
18. From 2013-2014, a lecturer in Research methodology at the College of Engineering/mechanical Department/ University of Tikrit / post-graduate Study
19. From 2014-2015, a lecturer in Fluid Mechanics at the College of Engineering/civil Department/ University of kirkuk / under-graduate Study
20. From 2014-2015, a lecturer in Computer Language at the College of Engineering/petroleum Department/ University of kirkuk / under-graduate Study
21. From 2014-2015, a lecturer in engineering descriptive at the College of Engineering/petroleum Department/ University of kirkuk / under-graduate Study
22. From 2014-2015, a lecturer in Renewable Energy at the College of Engineering/mechanical Department/ University of kirkuk / post-graduate Study
23. From 2014-2015, a lecturer in English Language at the College of Engineering/mechanical Department/ University of kirkuk / post-graduate Study
24. From 2015-2016, a lecturer in English Language at the College of Engineering/Civil Department/ / post-graduate Study
25. From 2015-2016, a lecturer in English Language at the College of Engineering/Chemical Department/ / post-graduate Study
26. From 2015-2016, a lecturer in English Language at the College of Engineering/Mechanical Department/ / post-graduate Study
27. From 2015-2016, a lecturer in Advanced Mathematics at the College of Engineering/Mechanical Department/ / post-graduate
28. From 2015-2016, a lecturer in Renewable Energy at the College of Engineering/Mechanical Department/ / post-graduate Study
29. From 2016-2017, a lecturer at the College of Engineering/Mechanical Department/ / post-graduate Study (Subject: Renewable Energy, advanced mathematics, English language and research methodology, Numerical Analysis: Environmental Departments).
30. From 2017-2018, a lecturer at the College of Engineering/Mechanical Department/ / post-graduate Study (Subject: Renewable Energy, advanced mathematics, English language and research methodology, Numerical Analysis: Environmental Departments).

ACADEMIC & Professional Information

University :Tikrit

College :Engineering

Department :Mechanical

ACADEMIC QUALIFICATIONS (Certificates)

Qualification	Major	Institution	Country	Grade	Date Obtained
Ph. D.	Mechanical	U.O.T	IRAQ	V.G	2002
MSc.	Mechanical	U.O.Technology	IRAQ	GOOD	1994
BSc.	Mechanical	U.O.Technology	IRAQ	GOOD	1989
B.A.	English	U.O.Baghdad	IRAQ	GOOD	2005
Diploma	French	U.O.Baghdad	IRAQ	V.G	2005
BSc.	Law	Tikrit University	IRAQ	GOOD	2015

ACADEMIC TITLES (RANKS)

Title	Date Obtained
Professor	2011
Assistant Professor	2006
Lecturer	2003

Courses Taught

Undergraduate	Postgraduate
Heat transfer	Renewable Energy
mathematics	Advanced mathematics

calculus	English language and research methodology
Gs Dynamic	Finite element and CFD,FDM,FVM
Auto Cad	Advanced Numerical methods
Robotics	
Air Pollution	
Numerical Analysis	
Engineering Analysis	
Computer Language	
Computer Graphics	
Image Processing	

Publications

Published researcher / Article	Journal	Published Date
Fayadh, M. Abid Al-Dulaimy, Dr. A.S.K Darwish, "Prediction of lifting Characteristic for supersonic flow"	Eng. & Technology, suppl no.2, vol.19,.	2000
Fayadh, M. Abid Al-Dulaimy, Dr. A.S.K Darwish, "Numerical exploration for solving transonic full-potential equation "	Al-Muhandis, journal of the Scientific Committee-serial-144-No.4	Dec.-2000.
Fayadh M. Abid Al-Dulaimy, Dr. Jalal M. Jaleel, Dr. Amir M. Al-Dabakh," Numerical solution of a full Navier-Stokes Equations for supersonic flow over Flat and parabolic surfaces buy using body fitted	Iraq- Baghdad, Eng ., no.2, vol.7	2001

coordinates system”.		
Dr. Jalal M. Jaleel ,Fayadh M. Abid Al-Dulaimy, Dr. Amir M. Al-Dabakh,” Numerical solution of an Euler- Equations supersonic using space marging Techniques with body fitted coordinates”,	Iraq-Baghdad, Eng., no.2, vol.7,	2001.
Dr. Jalal M. Jaleel ,Fayadh M. Abid Al-Dulaimy” Numerical prediction for Aerodynamic characteristic by body fitted coordinates	Iraq-Baghdad, Eng., No.4, vol.3,	2000
Fayadh M. Abed Al-Dulaimy ”Numerical Prediction Of Transonic Viscous Flow With Turbulent Model Using Hybrid Grid Technique”	Eng. & Technology, Vol.23, No.8,	2004
Fayadh M. Abed Al-Dulaimy An Assessment of Transonic Flow on NACA Airfoil With K-Epsilon Standard, RNG and Spalart Turbulent Models Using A Quadrilateral Grid Iraq-	Baghdad, Eng., no.24, vol.1	2005.
Fayadh M. Abed Al-Dulaimy, Amer Majeed Al-Dabagh," Experimental and numerical investigation (VAN Leer) of waves in supersonic flow"	Ann journal iraq. Sci; vol.1 (1)	2008
Fayadh M. Abed Al-Dulaimy, Ghazy yousif Al-Shahery," Assessment of two phase flow in a venture convergent-divergent"	Tikrit journal of Eng.Science/vol.15./no.2	June 2008
Fayadh M. Abed, Ghazi Y. M. Alshahery," Model Treatment For Simulation Of Natural Convection In a Vertical Wall Immersed In a Supercritical Fluid",	International Journal of Chemical Engineering and Applications, Vol.1, No.1	June 2010
Fayadh M. Abed, Ghazi Y. M. Alshahery," Estimation of Global Solar Radiation On Horizontal Surfaces Over Haditha, Samara, And Beji Iraq. ",	the pacific journal of science and technology,	May 2010 Vol.11, No.1,

Fayadh, M. Abid Al-Dulaimy, Dr. Dhia J. Abdulrazak, "An Investigation into the Flow behind trailing of wing at five incidence angles"	4th Iraqi technological Conference, 18-20	Dec. 1997
Fayadh, M. Abid Al-Dulaimy, Dr. A.S.K Darwish, "Transonic full potential flow Predictions comparison"	Proc of the MCE 3th ENG. SCI. CON	2000
Dr. Fayadh M. Abed Al-Dulaimy(University of technology Baghdad-Iraq),Prof. Dr. R. Cousin (University of Applied Sciences Cologne) A CFD assessment to transonic flow around a RAE-2822 airfoil (Turbulence modelling with standard k-epsilon, RNG and Spalart-Allmaras using a quadrilateral grid) Research Reports from Guest Scientists in the Faculties 07 and 09 in the Academic:	http://www.presse.fh-koeln.de/publikationen/u/01263.php	Year 200 ISSN 1612 – 9
Fayadh Mohammed Al Dulaimy "Numerical Investigation into flow characteristics in Mixing Section of Pipe Junction	ASTF-Syria SRO-VI Conference	2006
Fayadh M. Abed, Adnan Maroof "Fingerprint image pre-post processing Method for minutiae extraction"	Rafiden . J. Of Comp. & Math's. , Vol.6. No.1 2009. Mousil university	2009
Fayadh M. Abed, Ziad Hussien Saleh "Minutiae extraction noise fingerprint standard deviation ways "	First scientific conference of the Faculty of Science	29-30-2009
Cavitation models in comparative simulation around a NACA hydrofoil.	3 RD BAILION CONFERENCE IRAQ	23-24 MARCH 2011
Empirical Models For The Correlation With Sunshine Duration Of Metrological Data For Tikrit-TuzKhurmato and Kirkuk-IRAQ	journal of tikrit	Vol.19 No.1 PP(1-13),2011
Experimental investigation of thermal performance of solar cooker with reflector	EUROJOURNAL	VOL.56-NO.1

Experimental and simulation analysis of Horizontal Parabolic trough solar system without tracking system.	journal of tikrit	VOL.2-NO.1,
Comparative Simulation Of Different Nanoparticles concentration With Respect rectangular Heat Transfer Tube.	Int, J. Nanoelectronic and Material (5) 2012 PP.101-116	(5) 2012
A Corelative Measurement of An Hourly Record Of Solar Radiation And Cilmatological Prameters	J. Of Tikrit,	/MARCH 2013 VOL.20,NO.2 PP(13-28)
Heat Transfer Enhancement in MCHS using Al2O3 /water Nanofluid	J. Of Tikrit	MARCH 2013 , VOL.20,NO.2 PP(1-12)
دراسة عملية ونظرية لأداء مجمع شمسي أفقي لعدد من اللواقط مربوطة على التوازي نوع قطع مكافئ	J. Of Tikrit	ACCEPTED
Experimental and Simulation of Dual phase Flow In Venture Convergence- Divergence Nozzle"	J. Of Tikrit	MARCH 2013 VOL.20 NO.2 PP-81-9
A SINGLE THREE PARABOLIC TROUGH COLLECTOR THERMAL EFFICIENCY AND PERFORMANCE	International Journal of Renewable Energy esources	3 (2013), pp48-53
Review on the energy and renewable energy status in Iraq: The outlooks Fayadh M. Abed, Y. Al-Douri, Ghazy. M.Y. Al-Shahery	Renewable and Sustainable Energy Reviews Elsevier	Volume39, November 2014, Pages 816–827
CFD Simulation of Air Cyclone Separator Fayadh . M. Abed, Saad Nahym Nuha Watheq	Journal of engineering tikrit university	Accepted 43, 24 jan 2016
Performance investigation of a Wickless Heat Pipe Parabolic Trough Solar Collector	European Journal of Scientific Research	ISSN 1450-216X / 1450-202X Vol. 136 No 4 December, 2015, pp.377-394
Experimental study of the effect of the water depth on the mass transfer of passive solar distilled Fayadh . M. Abed	Journal of engineering Tikrit university	Accepted 42, 24 Jan 2016

<p>Title: "Solar energy status in Iraq abundant or not - steps forward"</p> <p>Yarub aldouri, Fayadh M. Abed,</p>	<p>Journal of Renewable and Sustainable Energy</p> <p><u>Volume 8 Number 2</u></p>	<p>Received 04 February 2015 Accepted 01 April 2016 Published online 19 April 2016</p>
<p>Performance Improvement of a passive solar still (multi stage)</p>	<p>International Journal of Environmental Science and Technology (1231):</p>	<p>DOI: 10.1007/s13762-016-1231-9</p>
<p>Effect of Windows Size on the Temperature Distribution of Room</p> <p>Fayadh M. Abed, Omer Khalil</p>	<p>2018 1st International Scientific Conference of Engineering Sciences - 3rd Scientific Conference of Engineering Science (ISCES)</p>	<p>Accepted 10 Jan. 2018</p>
<p>Design and Fabrication of a Multi-Stage Solar Still with Three Focal Concentric Collectors</p> <p>Fayadh M. Abed</p>	<p>The Journal of Solar Energy Engineering - Including Wind Energy and Building Energy</p>	<p>Accepted 15 Jan. 2018</p>
<p>Reduced Cooling Load to Homes by using the Passive and Active System to Region along the Tigris River North Baghdad</p>	<p>Kirkuk University Journal /Scientific Studies (KUJSS)</p>	<p>2017</p>
<p>Experimental Study of the Effect for Water Depth on the Mass Transfer of Passive Solar Still Chemical Solutions</p>	<p>(Received 08 December 2015, Accepted 24 January 2016, Available online 30 June 2017)</p> <p>TJES</p>	<p>2017</p> <p>SSN: 1813-16</p>
<p>Effect of Climate and Design parameters on the Temperature Distribution of a Room</p> <p>Fayadh Mohammed Abed^a, Omer Khalil Ahmed^b, Ahmed Emad Ahmed^c</p>	<p>https://authors.elsevier.com/tracking/article/details.do?aid=410&jid=JOBE&surname=Khalil+Ahmed</p>	<p>https://doi.org/10.1016/j.job.2018.02.007</p>

Published & Translated Books

Book Title	Type (Authored or Translated)	Published Date
Competencies necessary for teachers of engineering drawing	Authored	2007
Technical terms in computer	Authored	2006
Heat Cooling Of Electronic devices and Circuit	Authored	2015
Aroad to scientific in engineering and siences	Authored	2016
Advanced engineering mathematics with Maple	Authored	2017
Solar Enrgy In Iraq	Authored	2017
Advanced mathematics for engineering students	Authored	2017

Academic Conferences Attended

Conference Title	Nature of Presence	Conference Date	Conference Place
4th Iraqi technological Confrence	Researcher	18-20 Dec. 1997	Iraq
Proc of the MCE 3th ENG. SCI. CON.	Researcher	2000.	iraq
http://www.presse.fh-koeln.de/publikationen/u/01263 .	Researcher	2005	German

ASTF-Syria SRO-VI	Researcher	2006	Syria
Rafiden. J. Of Comp. & Math's. , Vol.6. No.1 Mousil	Researcher	22-23- Dec 2009.	Iraq
TIKRIT UNIVERSITY COLLEGE OF SCIENCE CONFERENCE	Researcher	29-30 -2009	iraq
Morocco Conference	Researcher	2010	Morocco
Babylon -Iraq	Researcher	2015	Babylon University
Oman Santana	Researcher	2015	Nazwa University
Egypt	Researcher	2016	Al Wadee University
UAE -RASALKHAYMA	Researcher	2017	USA Uuniversity in Ra UAE –RASALKHAYMA
Iraq Diyala	Researcher	10-11 Jan. 2018	Diyala University

Symposia

Symposium Title	Role	Symposium Date	Venue
Post Graduate Conference 4 th	Researcher	1 Nov 2000	Iraq-University of Technology
Post Graduate Conference 5 th	Researcher	12 SEPT. 2001	Iraq-University of Technology
CAD-CAM	Researcher	2009	University of Tikrit / College of Engineering
Renewable Energy	Researcher	15 OCT. 2010	Tikrit University/ Center of Natural Resources
Electronic Warfare	Researcher	19 DEC. 2010	Tikrit University/College of law
New Technology	Researcher	2008	Tikrit University/Computer and Math

			College
Renewable Energy and Nano Technology	Researcher	2011	Mousul University/College of Technician
Solar energy applications	Researcher	2012	Oil Institute / Baiji oil refinery –Iraq
workshop on writing good scientific paper	LECTURER	2013	tikrit university/college of engineering
Workshop on writing Good scientific paper	LECTURER	2013	Tikrit university/college of Agriculture
Workshop on writing Good scientific paper	LECTURER	2013	Tikrit university/all colleges
Workshop on writing Good scientific paper	LECTURER	2016	Tikrit university/college of engineering
Workshop on sustainability of energy	LECTURER	2016	Tikrit university/college of engineering
Workshop on journal rank	attended	2016	Tikrit university/college of engineering
World universities Ranking/Cairo	participant	2016	Arab Adminstrative Development Organaziation

Awards & Certificates & Letters of Appreciation

Institution Awarded	Date	Award Justification	Institution of Application
Award Of scientific Innovation	Aug-2015	Design and test of Solar system for domstmestic Heating	Union of Arab Universities, Arab Council 17th
Award Of scientific Innovation	Oct-2016	Design, manufacture and testing of multi-layer solar still using renewable energy	Union of Arab Universities, Arab Council 18th
Patent	Nov. 2016	Design and Manufacture of Separate Solar Distilled Through Multi-solar Concentric Focal Point	Standardization and quality control committee in Iraq
Letters Of Appreciation	28 of Jan. 199	Scientific Work	Mohe-iraq -Technical institution-

Letters Of Appreciation	2 Feb. 1997	Scientific Work	Scientific research institution
Letters Of Appreciation	17 Feb. 2003	Scientific Work	U.O.T President
Letters Of Appreciation	29 may 1997	Scientific Work	U.O.T President
Letters Of Appreciation	26 oct 2010	Meeting Attained	Tikrit University Vice President of Scientific affair
Letters Of Appreciation	2 Sept. 2010	Conference Participation	College of Law Dean
Letters Of Appreciation	25 Nov. 2010	SOLAR Cooker Design	Tikrit university President
Letters Of Appreciation	29 Dec 2010	Participation In Symposium	Computer and math. College Dean
Letters Of Appreciation	23 Aug. 2010	Creative Work	Tikrit university President
Letters Of Appreciation	19 JAN 2010	Creative Work	Tikrit university President
Letters Of Appreciation	20 May 2008	Creative Work	Computer and math. College Dean
Letters Of Appreciation	1 Apr. 2008	Creative Work	College of Engineering Dean
Letters Of Appreciation	10 March. 2010	I Got My Annual Of Excellence Performance Evaluation	University of Tikrit president
Letters Of Appreciation	1-7-2013	Quality And Performance Evaluation	Minister of higher education

Letters Of Appreciation	28-7-2013	Creative Work-Tikrit University Strategy Committee	University of Tikrit president
Letters Of Appreciation	28-7-2013	Creative Work	College Dean
Letters Of Appreciation	14-5-2014	Scientific Day Mohe	University of Tikrit president
Letters Of Appreciation	11-5-2014	Scientific Day Tikrit University	College Dean
Letters Of Appreciation	2014	Activities Education	Minster of Higher Eduacation
Letters Of Appreciation	2015 7/15/15678 17/12/2015	Excellence Evaluation	University of Tikrit president
Letters Of Appreciation	2015 7/15/15677 17/12/2015	Excellence Evaluation	University of Tikrit president
Letter Of Appreciation	2016/2/16 Issue no. 553 in 17/2/2	Innovation And Activities	Minster of Higer Education
Letter Of Appreciation	2016/3/8 في 7	Activities Education	Deputy of University of Tikrit president
Letter Of Appreciation	4443/15/7 في 2016/3/17	Activities Education	President of the University of Tikrit
Letter Of Appreciation	4551/15/7 في 2016/3/22	Activities Education	President of the University of Tikrit
Letters Of Appreciation	5102/15/7 في 2016/3/31	Activities Education	President of the University of Tikrit
Letters Of Appreciation	7048/15/7 في 2016/5/10	Activities Education	President of the University of Tikrit
Letters Of Appreciation	في 478/12/م 52016/8	Activities Education	Minster of Higer Education

Letters Of Appreciation	9698/15/7 في 2016/6/26	Research Activity Abroad	President of the University of Tikrit
Letters Of Appreciation	9995/15/7 في 2016/6/30	Research Activity Abroad	President of the University of Tikrit
Letters Of Appreciation	2076/15/7 في 2017/1/30	Council of Deans of Faculties of Physical Education	President of the University of Tikrit
Letters Of Appreciation	/15/7 7897 في 5/4 2017	Quality Assurance Committee	President of the University of Tikrit
Letters Of Appreciation	7706/15/7 في 2017/5/2	Quality Assurance Council	President of the University of Tikrit
Letters Of Appreciation	181/15/7 في 2017/3/16	Lectures in development center courses	Director of the Center for Development and Continuing Education

ADMINISTRATIVE POSTS

Major	Institution	Date held
Head of Computer Science Department	University of Tikrit	13/8/2007--1/2/2010
Computer Center Manager	University of Tikrit	2010 - 2012
Deputy Dean for Scientific Affairs Engineering College	University of Tikrit College of engineering	2012 - 2015
Dean of college of engineering	University of Tikrit College of engineering	2015 –on going
Dean Of College Of petroleum and minerals	University of Tikrit	19-5-2017 TO 19-9-2017

Research cooperation

1. In 2002 participated in a training course on wind tunnel tests and program Fluent in Yugoslavia - Belgrade University.

2. In 2005 participated in a training course in Germany under the sponsorship of UNESCO and in cooperation with the German ADDA within the training program for Iraqi professors and for three months.

3. In 2011 participated in a training course in Malaysia within the program of the Ministry of Higher Education and Scientific Research in Iraq as part of a training program for Iraqi professors for a month

4. In 2013 Participated in a workshop on How to write a good Scientific paper which was held in USM in Malaysian

5. special course in academic Accreditation (Audit and Internal Audit) which was held in Turkey in 2013

6. Workshop on ABET Accreditation turkey 24-9-2013

7. Chemical security program sponsored by Sandia and Pacific Lab. In Turkey from 13-17 Sept. 2015

8. Series webinar lectures in CSP 2016-2017 two courses each course 9 lectures, each lecture 60 min.

9. Series webinar lectures in CSP in January 2018 courses each course 9 lectures, each lecture 60 min.

Also, worked as a Reviewer of several international journals.

1. Reviewer for journal Advancement in Scientific and Engineering Research.

2. Reviewer for journal Renewable & Sustainable EnergyUM Power Energy Dedicated Advanced Centre (UMPEDAC), Level 4, Wisma R&D University of Malaya, Jalan Pantai Baharu, 59990 Kuala Lumpur, Malaysia.

3. reviewer for " **Engineering Applications of Computational Fluid Mechanics**" The Hong Kong Polytechnic University.

4 Reviewer for 3rd International Conference on Production, Energy and Reliability (ICPER 2012) .

4. Reviewer for international journal "Progress in Computational Fluid Dynamics" (PCFD), Duesseldorf University, Germany.

5. Reviewer for International Research Journal of Engineering Science, Technology and Innovation (IRJESTI), North Carolina State University.

6. Reviewer for Patent issued from Standardization and Quality Control Center in Iraq

7. Reviewer for Journal of Renewable and Sustainable Energy (rse-edoffice@aip.org) 5 Nov. 2017

7. Reviewer for Journal of Renewable and Sustainable Energy (rse-edoffice@aip.org) 18 Oct 2017

Other Activities

Head of Committees

1. Head of Coexistence and peace building committee at Tikrit University 2017
2. Head of ranking universities committee in Iraq (University Of Samarra 2017
3. Head of audits in University at final Examinations committee in Iraq (Diyala University) 2016
4. Head of audits in University at final Examinations committee in Iraq (Diyala University) 2017
5. Head of University audits at final Examinations committee in Iraq (Diyala University) 2017
6. Head of Voluntary Work Initiative Activity with groups of students in College Of Engineering December 2017
7. Head of Voluntary Work Initiative Activity with groups of students in College Of Engineering December 2018
8. Chair of several investigation committees in the field of Plagiarism
9. Chair of several Scientific Committees
10. Chair of Committees of smart university.
11. Chair of committees formed at Conference Leadership
12. representative of Tikrit University 2017-2018 with Ball State University project
13. Member of Council of Enhancement quality of college of Engineering in Iraq.