

## Curriculum Vitae



**Name:** Ali Mohsin Rasham

**Date of Birth:** Baghdad: 13/3/1977

**Religion:** Moslem

**Martial statues:** married

**No. of children:** Four

**Specialization:** BSc: Mechanical Eng. / MSc: Power (Thermo-Fluid)

**Position:** Faculty member

**Scientific Degree:** Lecturer

**Work Address:** University of Baghdad / Dept. of Energy Eng.

**Work Phone:**

**Mobile:** 00964 -7704287618

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### ❖ **First, Scientific Certification:**

Degree science	University	College	Date
B.Sc.	Baghdad	College of Engineering / Mechanical Engineering	30/6/2001
M.Sc.	Baghdad	College of Engineering / Mechanical Engineering	18/8/2005

### ❖ **Second, Career:**

No.	Career	Workplace	From -To
1	Assistant Lecturer	Baghdad University/ College of Engineering / Energy Engineering Dept.	3/11/2009-5/4/2016.
2	Lecturer	Baghdad University/ College of Engineering / Energy Engineering Dept.	5/4/2016 until now

❖ **Third, University Teaching**

No.	University	The (Institute / College)	From -To
1	Baghdad	Engineering College / Energy Engineering Dept.	3/11/2009 Until now

❖ **Fourth, Courses Which You Teach:**

No.	Department	Subject	Class	Year
1	Energy Engineering	Eng. Drawing	First	2009-2010
2	Energy Engineering	Eng. Drawing	First	2010-2011
		Mathematics	Second	
		Resources of Renewable Energy	Third	
3	Energy Engineering	Eng. Drawing	First	2011-2012
		MATLAB (II)	Second	
		Resources of Renewable Energy	Third	
4	Energy Engineering	Eng. Drawing	First	2012-2013
		MATLAB (I)	First	
		MATLAB (II)	Second	
		Resources of Renewable Energy	Third	
5	Energy Engineering	MATLAB (I)	First	2013-2014
		MATLAB (II)	Second	
		Resources of Renewable Energy	Third	
6	Energy Engineering	MATLAB (I)	First	2014-2015
		Resources of Renewable Energy	Third	
		Solar & Wind Energy	Third	
7	Energy Engineering	Optimization of Energy Systems	Forth	2015-2016
		Resources of Renewable Energy	Third	
		Solar & Wind Energy	Third	
8	Energy Engineering	Optimization of Energy Systems	Forth	2016-2017
		Resources of Renewable Energy	Third	

		Solar & Wind Energy	Third	
9	Energy Engineering	Optimization of Energy Systems	Fourth	2017-2018
		Solar & Wind Energy	Third	
10	Energy Engineering	Statistics & probability	Second	2018-2019
		Solar & Wind Energy	Third	
		Optimization of Energy Systems	Fourth	

❖ **Fifth, Conferences which you participated:**

No.	Conferences Title	Year	Place	Type of Contribution
1	Renewable Energies & Rising Ways of its in Iraq	2010	University of Baghdad	Report about wind energy
2	Biogas Technologies	2011	Baghdad University- (Al-Khwarizmi)	Attendance
3	Engineering conference	2016	Baghdad University- (Al-Khwarizmi) & College of Engineering- Baghdad	Attendance
4	7 <sup>th</sup> scientific engineering and 1 <sup>st</sup> international conference (IEEE)	17/5/2017	University of Baghdad	Attendance
5	Engineering conference	2017	Baghdad University- (Al-Khwarizmi) & College of Engineering- Baghdad	Attendance
6	International conference IEEE	2017-2018	University of Baghdad	Attendance
7	2 <sup>nd</sup> International conference	4-5 April 2018	Technical Institute – Samawa- Iraq	Paper

❖ **Sixth , Research Projects in The Field of Specialization to The Environment and Society or the Development of Education:**

No.	Research Title	Place of Publication	Year
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1	The Effect Of Longitudinal Vibration on Laminar Forced Convection Heat Transfer In A Horizontal Tube	Magazine of Eng. College/ Baghdad University.	2005
2	Numerical Analysis of Double Diffusive Laminar Natural Convection in a Right Angle Triangular Solar Collector	Al-Khwarizmi Engineering Journal, Vol. 9, No. 4, P.P. 62- 85	2013
3	Experimental and Numerical Investigation of Photo-voltaic Module Performance via Continuous and Intermittent Water Cooling Techniques	International Journal of Mechanical Engineering and Technology (IJMET) Volume 6, Issue 7, July 2015, pp. 85-96, Article ID: 30120150607011	July 2015
4	Experimental Investigation for Small Horizontal Portable Wind Turbine of Different Blades Profiles under Laboratory Conditions	International Journal of Computer Applications (0975 – 8887) Volume 127 – No.14	October 2015
5	Analysis of Wind Speed Data and Annual Energy Potential at Three locations in Iraq	International Journal of Computer Applications Volume 137 – No.11	March 2016
6	Assessment of Annual Wind Energy Potential at Three Sites in Iraq for Wind Energy Applications	International Journal of Computer Applications Volume 168 – No.5	June 2017
7	Thermal Analysis of Double-Pass Solar Air Collector with Different Materials of Absorber Plate and Different Dimensions of Air Channels	International Journal of science and research Volume 6, issue 8	August 2017
8	The Influence of Frictional Facing Thickness on the Contact Pressure Distribution of Multi-Disc Dry Clutches	FME Transactions 46, 33-38	2018
9	<b>The influence of sliding speed on the distribution of frictional heat generated in the dry friction clutches</b>	<b>2<sup>nd</sup> international conference held on 4-5 – April- 2018 in technical Institute\ Samawa- Iraq</b>	2018
10	<b>Performance of Wind Turbines at Three Sites in Iraq</b>	<b>International Journal of Renewable Energy Research Vol.8, No.3, September, 2018</b>	2018

❖ **Seventh , Graduation Projects:**

No.	Project Name	Date
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1	Study on wind turbines.	2010-2011
2	Experimental Performance of Kid Horizontal Wind Turbine.	2011-2012
3	Experimental Performance of Solar Water Flat Plate Collector	2013-2014
4	The performance of (PV/Wind) hybrid system	2013-2014
5	Diameter variation effect on Overall Efficiency of Multibladed Horizontal Kid Wind Turbine.	2014-2015
6	Characteristics of small wind turbines	2015-2016
7	Thermal Performance Simulation for Double-Pass Solar Air Heater of Counter flow	2016-2017
8	Thermal Performance Simulation of Evacuated Tube Solar Collector	2016-2017
9	Solar car	2017-2018

**❖ Eighth, Awards and Certificates of Appreciation:**

No.	Name of Awards and Certificates	Donor	Year
1	Appreciation	Dean of Engineering College	3/8/2010
2	Appreciation	Dean of Engineering College	8/12/2011
3	Certificate of International English Language Testing System (IELTS)	British Council	22/9/2012
4	Appreciation	Dean of Engineering College	6/2/2013
5	Appreciation	Minister of higher Education & Scientific Research	26/12/2013
6	Certificate of Rehabilitation Educational	Development and continuous Education Center (DCEC) / University of Baghdad	21/9/2015
7	Certificate of Arabic Language	Development and continuous Education Center (DCEC) / University of Baghdad	21/9/2015
8	Attendance certificate	Knauf Systems/ Training course	3/ 3/ 2016
9	Appreciation	Minister of higher Education & Scientific Research	23/10/2016
10	Appreciation	Dean of Engineering College	11/10/2016
11	Appreciation	Precedence of Baghdad University	6/2/2018

12	Appreciation	Dean of Engineering College	25/4/2018
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**Tenth, languages:**

✓ Native: Arabic

✓ Others: English

**Ali Mohsin Rasham**

