

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

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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 / Department of Energy Engineering	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	Optimization of Energy Systems	Fourth	2018-2019
		Solar & Wind Energy	Third	
11	Energy Engineering	Optimization of Energy Systems	Fourth	2019-2020
		Solar & Wind Energy	Third	
		Principles of Energy Engineering	Second	

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

No.	Conferences Title	Year	Place	Type of Contribution
1	2 nd International conference	4-5 April 2018	Technical Institute – Samawa- Iraq	Paper
2	2 nd International scientific conference of Engineering Sciences, and 4 th scientific conference of Engineering Sciences	16-17 Dec 2020	College of Engineering / University of Diyala	Paper
3	3 rd International conference on advanced Science and Engineering (ICOASE 2020)	23-24 Dec 2020	University of Zakho Online virtual conference	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
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,	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	Oct. 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	Mar. 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	Jun. 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	Aug. 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	Performance of Wind Turbines at Three Sites in Iraq	International Journal of Renewable Energy Research Vol.8, No.3, September, 2018	2018
10	Thermal performance of double-pass counter flow and double-parallel flow solar air heater with V-grooved absorber plate	IOP Conference Series	2020
11	<i>Finite Element Modeling Of Finned Double-Pass Solar Air Heaters</i>	ICOASE / IEEE	2020

➤ **Seventh, Graduation Projects:**

No.	Project title	year
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 Multi-bladed 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
10	Mobile Charger	2018-2019

➤ **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
13	Appreciation	Prime Minister	8/10/2018
14	Appreciation	Minister of higher Education & Scientific Research	6/5/2020
15	Appreciation	Minister of higher Education & Scientific Research	11/8/2020
16	Appreciation	Agent of Minister of higher Education & Scientific Research	27/9/2020
17	Appreciation	President of the University of Baghdad	29/7/2020
18	Appreciation	Dean of Engineering College	5/7/2020
19	Appreciation	Dean of Engineering College	5/8/2020

20	Appreciation	Dean of Engineering College	18/8/2020
21	Certificate of		
22	Certificate of		
23	Certificate of		

➤ **Tenth, languages:**

✓ **Native: Arabic**

✓ **Others: English**

Ali Mohsin Rasham

