



C.V



Name: Dr. Thamir Abdul- Jabbar Jumah

Date of Birth: 8/02/1960

Religion: Muslim

Martial statues: married

No. of children: 5

Specialization: Physics - Material Physics

Position: Teaching member- College of Sciences

Scientific Degree: Assistant Professor

Work Address: Al-Nahrain University- College of Sciences

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- **First, Scientific Certification:**

Degree science	University	College	Date
B.Sc.	Baghdad	Sciences	1984
M.Sc.	Baghdad	Sciences	2001
Ph.D.	Baghdad	Sciences	2006
Any other			

- **Second, Career:**

No.	Career	Workplace	From -To
١	Physicist	Iraqi Atomic Energy Agency	1984--1992
٢	Physicist Seniority	Military Fabrication Agency	1992 -- 2008
٣	Teaching Member	Al-Nahrain University-College of Sciences	2008 -- 2020
٤			
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٦			

- **Third, University Teaching.**

No.	University	The (Institute / College)	From -To
1	Al-Nahrain University	College of Sciences	2008 - 2020
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Fourth, Courses Which You Teach: •

No.	Department	Subject	Year
١	Physics D. /Al-Nahrain university	Solid state physics	2008/2009
٢	Physics D. /Al-Nahrain university	Thermodynamic	2009/2013
٣	Physics D. /Al-Nahrain university	Material physics	2013/2020
٤	Physics D. /Al-Nahrain university	Renewable energy	2013/2015
٥	Physics D. /Al-Nahrain university	Nano-materials physics	2013/2020
٦	Physics D. /Baghdad university	Advanced solid state physics	2008/2009
٧	Physics D. /Al-Nahrain university	Advanced solid state physics	2012/2013
٨	Physics D. /Al-Nahrain university	Polymer physics	2014/2019
٩	Physics D. /Al-Nahrain university	Ceramic	2017/2019

• **Fifth, Thesis which was supervised by :**

No.	Thesis Title	Department	Year
١	X-ray radiographic study of simulated voids like defects in aluminum casting and welded joints in steel	physics	2010
٢	Investigation of the reliability of diffusion bond strength between ceramic – metals in solid state	physics	2010
٣	Effect of thickness and annealing temperature on the structural and optical properties for the titanium dioxide thin film	Physics/ Baghdad	2012
٤	The effect of some physical parameters of gold nanoparticles produced by laser ablation on antibacterial effect	physics	2014
٥	Evaluation of the intermediate layer of graphite bonded metal	physics	2016
٦	Investigation of fracture and surface analysis of joined interface glass - metal	physics	2016
٧	Surface modification of titanium and titanium alloy using ceramic biomaterials by RF sputtering	physics	2016
٨	Optical properties of PMMA/ZnO composite material	physics	2017

9	Preparing and studying nano-silver particles and their anti bacterial effect	physics	2017
10	Preparation zinc and zinc oxide nano- particles and their effect on activity of bacterial	physics	2018

- **Sixth, Conferences and Workshops which you participated:**

No.	Conferences Title	Year	Place	Type of Participation
1	1 st first Iraqi international conference of physics	2001	Iraq	Research participate
2	Second PAM International school on emergent quantum phenomena in graphene	2015	Iran	participation
3	1 st International Conference on Physics for	2014	Iraq	Research participate
4	1 st Conference for Postgraduate Student	2014	Iraq	Research participate
5	1 st international Athena conference	2017	Athena	Research participate
6				
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- **Seventh, Patents**

No	Patent	Country	Year
1	Use of electric field for preparing nano silver and nano gold by laser ablation and for anti bacterial effect	Iraq	2020

- **Eighth, Scientific Activities:**

Within the College	Outside the College

- **Ninth, 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			
2			

- **Tenth , Membership:**

No	Name of Scientific Organization	Date	Country
1	Physics and arithmetic	1984	Iraq
2	Ceramic society	2001	Iraq
3	Nanotechnology	2014	Iraq

- **Eleventh , Awards and Certificates of Appreciation:**

No.	Name of Awards and Certificates	Donor	Year
١	Jaber bin- Hayan medal/ silver type	Atomic energy agency	1992
٢	Multi Respect orders	Atomic energy agency	1985--1992
٣	Multi Respect orders	Military fabrication agency	1992 -2003
٤	Multi Respect orders	Military fabrication agency	2008--2020
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٦			

- **Twelfth , Scientific literature:**

No.	Scientific Literature Title	Year of The Publication
١	Renewable Energy – management and storage	2019
٢	Renewable energy – prospects and future	2019
٣		

- **Thirteen, languages:**

- ✓ Arabic
- ✓ English

- **Fourteen, Academic Websites for Researcher**

no	Website name	Link
1	tag@sc.nahrainuniv.edu	Research gate
2	Thamirjumah@gmail .com	Google Scholar
3		
4		
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***Note: - Make a copy on CD.**

