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Ashur University College

- **First, Basic information:**

Name:	**Sahib Mohammed Mahdi**
Date of Birth:	**1/7/1958**
Specialization:	**Production and metallurgy engineer**
Position:	**Teaching Staff**
Scientific Degree:	**Assistant Professor**
Work Address:	Ashur University- Department of Engineering of Medical Instrumentation
Mobile:	**07707279486**
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official email:	**sahib@au.edu.iq**

Second, Scientific Certification:

Degree science	University	College	Date
B.Sc.	Technology - Baghdad	**Production & Metallurgy Engineering**	1981
M.Sc.	Technology - Baghdad	**Metallurgy Engineering**	1986
Ph.D.			
Any other			

Third, Career:

No.	Career	Workplace	From -To
1			
2			
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Fourth, University Teaching.

No.	University	The (Institute / College)	From -To
1	University of Basrah	Department of Mechanical Engineering	1987-1992
2	Technical college/Libya	Industrial engineering department	1992-2008
3	Mustansiriyah university	Materials engineering department	2009- 2023

Fifth, Courses Which You Teach:

No.	Department	Subject	Year
1	Department of Mechanical Engineering and Department of chemical engineering	1- Engineering drawing , 2- Mechanical Drawing, 3- manufacturing processes. 1- Engineering materials properties.	1987-1992
2	Industrial engineering department	Teaching more than 15th course in the field of production, metallurgy and applied mechanics	1992-2008
3	Materials engineering department	1- Engineering corrosion, 2- Extractive materials , 3- manufacturing materials processes. , 4- Heat treatment. 5- Powder metallurgy (post graduate) 6- Advance heat treatment (post graduate)	2009- 2023 2016-2023
4			
5			

Sixth, Thesis which was supervised by :

No.	Thesis Title	Department	Year
1	Study the Mechanical Properties and Corrosion of Heat Treated AZ31 Magnesium Alloy in Hank's Solution	Materials engineering	2017
2	Using Olive Stone Powder as Corrosive Inhibitor in Acid Medium For DIN St 52-2	Materials engineering	2017
3	Using Dry and Green Olive Leaves Extract As Carbon Steel Corrosion Inhibition in Different Mediums	Materials engineering	2018
4	Design, Simulation and Implementation of an Induction Coil for Surface Hardening of a Carbon Steel (CK-45)	Electrical engineering	2018
5	The Microstructure and Wear Properties of Al-Ti Alloy Prepared by Powder Metallurgy	Materials engineering	2020
6	Effects of Laser Beam Surface Hardening on Corrosion Behavior of AZ31B Magnesium Alloy for Bio Material	Materials engineering	2020
7	Corrosion Behavior of AA5083 and AA5086 Al alloys in the Tigris Water in Iraq	Materials engineering	2020
8	A study on the corrosion behavior of AA 6061 and AA alloys in various corrosive media	Materials engineering	2021
9	A Novel Technique for A portable Induction Welding Machine	Electrical engineering	2021

10	Improvement of Corrosion Resistant for Mild Steel in Acidic Solutions By Using Eucalyptus Leaves as Green Inhibitor	Materials engineering	2022
11	Study The Corrosion Behavior of Grade 60 and Grade 80 of Rebar Steel in a Simulated Medium at Different Temperatures	Materials engineering	2023
12	Investigation the effect of some fiber factors on physical and Mechanical Properties of Cement based composites	Materials engineering	2023

Seventh, Conferences which you participated:

No.	Conferences Title	Year	Place	Type of Participation
1	Part of documents of Symposium in the Libyan Steel & Iron Complex.	1996	Misratah - Libya	Article
2	part of Fifth Libyan Corrosion Conference and Exhibition ,	Nov. 2005	Benghazi – Libya	Two article
3	part of 2006 Quality Conference ,	May 2006	Triply – Libya ,	Article
4	Ministry of construction and housing , Building Research Center, part of scientific conference,	January 2012	Baghdad - iraq	Article
5	second scientific international conference of materials engineering college ,	May - 2013	university of Babylon	Article
6	International conference for engineering sciences ,	march/ 2014	Baghdad - Iraq	Article
7	1st International Scientific Conference of Engineering Sciences - 3 rd Scientific Conference of Engineering Science (ISCES) , IEEE	2018	university of Dyala	Article
8	Third Scientific Conference of Electrical Engineering (SCEE), IEEE	2018	university of Technology	Article

- **Eighth, Scientific Activities:**

Within the College	Outside the College
Manufacturing Jominy Test instrument	
Grinding and polishing machine manufacturing	

- **Ninth, Research Projects in The Felid of Specialization to The Environment and Society or the Development of Education:**

No.	Research Title	Place of Publication	Year
1			
2			

- **Tenth, Membership:**

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

No.	Name of Awards and Certificates	Donor	Year
1			

2			
3			
4			
5			
6			

- **Twelfth, <u>Scientific literature:</u>**

No.	Scientific Literature Title	Year of The Publication
1		
2		
3		

- **Thirteenth, <u>languages:</u>**

✓ Arabic
✓ English

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