

Curriculum Vitae



1-Personal Information

Name :Shatha Ahmed Sameh
Affiliation :University of Technology-Chem.Eng.Dept.
(Included Phone and Email) (dr_shathasameh@yahoo.com)
Date of Birth :24/1/1954
Place of Birth :Baghdad-Iraq
Nationality :Iraqi
Marital Status :married

2-Scientific Rank : Assistance Professor

3-Research Interests

- Corrosion Engineering with transfer phenomena and corrosion protection of metal
- Air Pollution Control

4-Education

(List your academic background, including undergraduate and graduate institutions attended)

Date	Discipline	Degree	Institution	Thesis Title
1976	Chemical Engineering	BSC	University of Baghdad	
1981	Chemical Engineering	MSC	University of Baghdad	Removal of Lead oxide dust from air
1994	Chemical Engineering	PhD	University of Technology	Corrosion inhibition of carbon steel in 600 ppm chloride containing water under controlled conditions heat and mass transfer

5-Postdoctoral Training (if available)

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6-Management Posts (if available)

(List in chronological order, included position details and dates)

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7-Grants and Fellowships (if available)

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8-Academic Experience

1-Undergraduate Level

- Engineering mechanics and strength of material
- Material science and engineering
- Corrosion engineering

2-Postgraduate Level

- Corrosion engineering and protection

9-Employment History (if available)

(Including experience, institution, and data)

- Engineer/General Establishment of Iraqi Tobacco Industry(1976-1978)

10-License/Certification (if available)

- Iraqi Engineering Union

11-Honors and Distinctions (if available)

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12-Skills and Qualifications (Language and computer)

- English
- Computer

13-Publications/ Books

1- Supervision

Higher Studies Supervision:

1) Higher Diploma Theses

1-Corrosion inhibition of carbon steel in recirculating cooling water of AL-Dura refinery.

2-Cathodic protection of the pipes.

3-Design a System for removal of SO₂ from gas mixture.

2) M.SC. Supervision Thesis

1-Corrosion inhibition of carbon steel in water containing chloride ions under controlled conditions of mass transfer.

2-Inhibitor blend for corrosion of carbon steel in aqueous chloride/sulphate solution.

3-The corrosion of copper in deaerated and oxygenated sulphuric acid.

4-Simulation of Batch extractive distillation in a middle vessel column.

5-Study the effect of some variables on cathodic protection in 3.5% NaCl solution.

6-Influence of Nitrite and chloride ions on the corrosion of carbon steel.

7-Inhibitive action of sodium nitrite/sodium hexametaphosphate inhibition blend (5/1) in cooling water under different conditions.

8-Cathodic protection by impressed current method for carbon steel in 3.5% NaCl solution.

9-The influence of distance on cathodic protection of buried pipelines in soil.

10-The influence of some variables on pitting corrosion of stainless steel.

pH.D. Supervision Thesis

1-Corrosion inhibition of copper in 3%NaCl solution under conditions of heat and mass transfer.

2-Corrosion inhibition of Carbon steel in 1N HCl solution under conditions of heat and mass transfer.

2-Research

Under publication

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Accepted Manuscripts

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Published

	Research	Journal	
1	Removal of Lead oxide dust from air stream	J.Filt.&Sep.	No.4(1982)
2	Relation of Indoor-Outdoor pollution of suspended particulate,SO ₂ and CO	Eng.&Tech.	Vol.8,No.1(1990)
3	Comparision between Willson and Unifac method in the design of multi component non-ideal distillation with energy requirement	Eng.&Tech.	Vol.8,No.4(1990)
4	Mass and heat transfer correlations of a rotating cylinder electrode for corrosion studies	Eng.&Tech.	Vol.18,No.5(1999)
5	The inhibitive effect of SN-SHMP blend on the anodic reaction of carbon steel under controlled condition of mass transfer	Eng.&Tech.	Vol.19,No.3(2000)
6	The inhibitive effect of sodium nitrite_soduim hexametaphosphate blend on the corrosion of carbon steel Disc in a chloride containing water	AL-Muhandis	Vol.124,No.2 June(2000)
7	Corrosion inhibition of Carbon steel cylinder in a chloride solution containing inhibitors blend	Proceeding of 4 th conference on corrosion and corrosion prevention in industry	7-9/11/1999 Baghdad-Iraq
8	Corrosion inhibition of Carbon steel Disc in a chloride solution containing inhibitors blend	Proceeding of 4 th conference on corrosion and corrosion prevention in industry	7-9/11/1999 Baghdad-Iraq
9	The optimum concentration of inhibitor blend for Carbon steel in chloride solution	Tikrit J.of Eng.Sc.	Vol 12, No. 2 may (2005)
10	An investigation of the Inhibition of the Oxygen Reduction Reaction at a Rotating Cylinder Electrode under Isothermal and Controlled Conditions of Heat and Mass Transfer	Eng.&Tech.	Vol.27,No.5,p.930 (2009)
11	The Corrosion of Copper in Deaerated and Oxygenated 0.1M H ₂ SO ₄ Solution under Controlled Conditions of Mass Transfer	Eng.&Tech.	Vol.27,No.5,p.993 (2009)
12	The Inhibitive Effect of BTA on the Corrosion of Copper Rotating Cylinder Electrode in Oxygenated 0.1M H ₂ SO ₄ under Controlled Conditions of Mass Transfer	Eng.&Tech.	Vol.28,No.6(2010)
13	Comparison of Pitting Corrosion Resistance between 316L and 202 Stainless Steel in NaCl Solution	J.The College of Basic Education	Vol.16,No.62(2010)

3-Books

Process Plant Design

14-Invited Lectures and Seminars* (if available)

Corrosion ,Conventional & Laser Corrosion Protection Approaches

15-Conferences and Training (if available)

- Fourth Conference On Corrosion And Corrosion Prevention In Industry
November 7-9-1999 Baghdad-Iraq
- Fourth International Conference on Superstrong Fields In Plasmas October
2010,Sunday 3 to Saturday Villa Monastero , Varenna,Italy

*تملى الاستماره بحسب التسلسل الزمن الحديث ثم الاقدم
* كذلك تتضمن جميع دورات التعليم المستمر كمقرر او محاضر او مشارك
* Skills and Qualifications تتضمن الاهتمامات والمهارات الاخرى الغير مذكوره بالاستماره
* License/Certification تتضمن اعضاء اتحاد ونقابات، جمعيات محليه ودوليه
*الكتب تتضمن المؤلفه والمترجمة