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**Academic Curriculum Vitae**

**Personal Information:**

Full Name: Sara Mohamad Ahad

Academic Title: PhD- Lecturer

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Mobile: 009647504750291

**Education:**

* Bachelor of Science- BSc; Mechanical Engineering Department - Salahaddin University Erbil2007 Ranked No.3 among 40 students.
* Master of Science MSc; Mechanical Engineering Department - Salahaddin University Erbil2013 Master of Science.
* Doctorate of Philosophy PhD(Lecturer) Mechanical Engineering Department - Salahaddin University Erbil 2021 Mechanical Engineering.

**Employment:**

* Engineer at Salahaddin University 2007-2011
* Assistant lecturer at Salahaddin University 2013 – 2021.
* Lecturer at the college of engineering / Salahaddin University 2021– Ongoing

**Qualifications**

* **Teaching qualifications**
* Air-condition & Refrigeration
* Materials Selection
* Power plant
* Mathematics
* Mechanical Vibration
* Engineering drawing
* **IT qualifications**
* Office 2010
* C++, Mat lab, Comsol
* **Language qualifications**
* Kurdish (native language)
* English (advance IELTS 6)
* Arabic
* **Any professional qualification**
* HVAC ,Solar desktop, HAP
* **courses attended**
* HVAC Design and installation
* Grid-connected photovoltaic (PV) system (renac renewables academy)
* 3D printing (Additive Manufacturing) (Online course).
* Renewable energy.

**Teaching experience:**

* Air-condition & Ventilation
* Refrigeration
* Materials Selection

**Research and publications**

* Nazhad Ahmad Husseina, Sara Mohamad Ahmad, Dilshad A. Mohammed, “Study of MultiCracked Cantilever Composite Beams Subjected to External Moving Load”, Anbar Journal of Engineering Sciences, 2019, Volume 8, Issue 1, Pages 27-34.
* SARA M.AHMAD & SAFEEN E. QASAB,” MECHANICAL PROPERTIES AND FREE VIBRATION ANALYSIS OF ELECTROPLATED ABS M30”,2020, Vol. 10, Issue 3, Jun 2020, 10883–10894
* SARA M.AHMAD & SAFEEN E. QASAB,” EFFECT OF COATING ON THE SPECIFIC PROPERTIES AND DAMPING LOSS FACTOR OF ULTEM 1010”, 2020, zanko journal.
* Nazhad Ahmad Husseina, Sara Mohamad Ahmad, Sardar S. Abdulla, “Dynamic Response of Supported Pipes Conveying Fluid”, 2016, zanko journal

**Conferences and courses attended**

**Funding and academic awards**

* N/A

**Professional memberships**

* Kurdistan Engineering Union

**Professional Social Network Accounts:**

https://www.researchgate.net/profile/Sara-Ahmad