

# Shams Kamil Kutafa Jasim Al-Sarraj

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**Nationality:** Iraqi

**Date of Birth:** 01/28/1997

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## **PREVIOUS POSITIONS**

- **Feb 2019 – May 2021:** Mathematics Teacher at Al-Imam Al-Hassan Iraqi-German Private School in Maysan.
- **Mar 2025:** Engineering Mechanics Lecturer at Shatt Al-Arab University in Basra.

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## **EDUCATION**

- **BSc/ Fuel & Energy Engineering:** Basra Engineering Technical College, Southern Technical University/ Iraq.  
(10/2014-07/2018)
- **MSc/ Thermal Mechanical Engineering:** Basra Engineering Technical College, Southern Technical University/ Iraq.  
(09/2021-09/2024)

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## **RESEARCH and PUBLICATIONS**

**“Study of the Enhancement in the Performance of a Hybrid Flat Plate Solar Collector Using Water and Air as Working Fluids”** Published in *HEAT TRANSFER JOURNAL, WILEY* <https://doi.org/10.1002/htj.23048>

## **TECHNICAL SKILLS**

- Heat exchanger analysis
- Fluid mechanics and thermodynamics
- Thermal systems simulations and analysis
- MATLAB & ANSYS
- AutoCAD
- Microsoft Office (Word, Excel, Power Point)

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## **LANGUAGES**

- Arabic: Native
- English: Very Good (Speaking, Writing, Reading)

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## **WORKSHOPS and TRAINING**

- Workshop on Renewable Energy Systems: **Feb-2023**
- Online Course: Scientific Research Methods: **May-2023**