CURRICULUM VITAE (CV)

AMMAR MOHAMMED ABDULATEEF

PhD in Renewable Energy

Personal Details:

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Career Summary:

Ammar Mohammed Abdulateef is Dr in *Renewable Energy* since 2018. He has MSc and BSc in *Mechanical Engineering*. He is a *Postdoctoral Researcher* and he has worked as *Assistant Researcher* for **4 years** at *Solar Energy Research Institute (SERI), Universiti Kebangsaan Malaysia (UKM),* Malaysia and *Lecturer* for **5 years** at *College of Engineering, Diyala University,* Iraq. He worked as *Engineer* for **7 years** at *Mechanical Manufactory,* Iraq. He is *Elsevier Reviewer Recognition* and Member of *International Solar Energy Society (ISES)*. His research involves *Solar Thermal System, Thermal Energy Storage and Renewable Energy.*

Education:

- **PhD in Renewable Energy** from Solar Energy Research Institute (SERI), **Universiti Kebangsaan Malaysia (UKM)**, Malaysia in 2018.

Thesis topic: 'Performance enhancement of triplex tube thermal energy storage system using fins-nano-phase change material.'

- **MSc in Mechanical Engineering** from Faculty of Engineering and Built Environment, **Universiti Kebangsaan Malaysia (UKM)**, Malaysia since 2010.

Thesis topic: 'Improving the performance of natural gas engine.'

- **BSc in Mechanical Engineering** from College of Engineering, **Baghdad University**, Iraq since 1998.

Publications:

1. **Abdulateef, A. M.**, Abdulateef, J., Al-Abidi, A. A., Sopian, K., Mat, S. & Mahdi, M. S. 2019. A combination of fins-nanoparticle for enhancing the discharging of phase-change material used for liquid desiccant air conditioning unite. *Journal of Energy Storage* 24: 100784. (ISI & SCOPUS)

2. **Abdulateef, A. M.**, Abdulateef, J., Sopian, K., Mat, S. & Ibrahim, A. 2019. Optimal fin parameters used for enhancing the melting and solidification of phase-change material in a heat exchanger unite. *Case Studies in Thermal Engineering* 14: 100487. (ISI & SCOPUS)

3. **Abdulateef, A. M.**, Mat, S., Abdulateef, J., Sopian, K. & Al-Abidi, A. A. 2018. Geometric and design parameters of fins employed for enhancing thermal energy storage systems: a review. *Renewable and Sustainable Energy Reviews* 82: 1 620-1635. (ISI & SCOPUS)

4. **Abdulateef, A. M.**, Mat, S., Sopian, K., Abdulateef, J. & Gitan, A. A. 2017. Experimental and computational study of melting phase-change material in a triplex tube heat exchanger with longitudinal/triangular fins. *Solar Energy* 155: 142-153 (ISI & SCOPUS)

5. **Abdulateef, A. M.**, Abdulateef, J., Mat, S., Sopian, K., Elhub, B. & Mussa, M. 2018. Experimental and numerical study of solidifying phase-change material in a triplex-tube heat exchanger with longitudinal/triangular fins. *International Communications in Heat and Mass Transfer* 90: 73-84. (ISI & SCOPUS)

6. **Abdulateef, A. M.**, Mat, S., Abdulateef, J., Sopian, K. & Al-Abidi, A. A. 2018. Thermal performance enhancement of triplex tube latent thermal storage using fins-nano-phase change material technique. *Heat Transfer Engineering* 39: 1067-1080. (ISI & SCOPUS)

7. **Abdulateef, A. M.**, Abdulateef, J., Sopian, K., Mahdi, M. S. & Mat, S. 2019. Enhancing the [redacted] using a fins-nanoparticle combination in a triplex-tube heat exchanger. *Solar Energy,* Accepted letter. (ISI &