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## Dr. Obaidallah Munteshari

Assistant Professor

**Mechanical Engineering Department**  
**Interdisciplinary Research Center for Renewable Energy and Power Systems (IRC-REPS)**  
**King Fahd University of Petroleum & Minerals, Saudi Arabia**

### Executive Summary:

Dr. Obaidallah Munteshari is currently Assistant Professor in the Mechanical Engineering Department at KFUPM. He was also a visiting researcher in MIT in the summer of 2012. He received his BSc. (2011) and MSc. (2014) from KFUPM, and his Ph.D. (2019) from University of California, Los Angeles (UCLA) in Mechanical Engineering majoring in Thermal Sciences and minoring in MEMS. His Ph.D. thesis entitled "In Operando Calorimetric Measurements for Electrochemical Capacitors". His area of interest includes energy storage systems, calorimetry, and thermal management.

### Education:

- ❑ PhD in Mechanical Engineering [University of California, Los Angeles, USA, 2018]
- ❑ M.Sc. in Mechanical Engineering [King Fahad University of Petroleum and Minerals, KSA, 2014]
- ❑ B.Sc in Mechanical Engineering [King Fahad University of Petroleum and Minerals, KSA, 2014]

## Distinguished Projects

- *Project title "Effect of harsh environment conditions on EV's batteries during parking"* funding by *DSR KFUPM*, Dhahran, Saudi Arabia, Role: *PI*.

## Research Summary

- Number of Published Papers: 10
- Citations : 455
- H-Index : 6
- Number of Patents : 2
- Book Chapters: 0
- Article Reviewed (Elsevier, Springer, MDPI): 2

## Award and Recognitions

## Skills and Expertise

- Thermal management system, Phase Change Material
- Energy storage systems, Li-ion batteries, Supercapacitors
- Renewable system
- Prototyping, Experimental Analysis and Environmental Assessment;