



# Huda M. Muneer ABD ALQADER

## Solid State Physics and Solar Cell

University of Mosul, 41002, Mosul, Iraq

### Profile

Working at the University of Mosul, College of Science, Physics department for more than 13 years as well as working in individual and group in solar cell, thin-film which are prepared with different methods.

### Employment History

Lecturer at University of Mosul, Faculty of Science, Physics department, IRAQ  
April 2013 – continuous.

Assistant Lecturer at University of Mosul, Faculty of Science, Physics department, IRAQ  
November 2006 – 2013

### Education

Master of Science (M.Sc.) in Physics, University of Mosul, Faculty of Science, Physics Department, IRAQ  
October 2003 – May 2006

*Study the effect of Aluminum concentration in the window layer on the absorption coefficient and efficiency of GaAs solar cell.*

Bachelor of Science (B.Sc.), in Physics, University of Mosul, Faculty of Science, Physics Department, IRAQ  
October 1999 – July 2003

### Courses

The power of teaching, University of Mosul, IRAQ  
2007

Teaching methods, University of Mosul, IRAQ  
2012

Computer efficiency, University of Mosul, IRAQ  
2012

### References

Professor Dr. **Laith Ahmed Najam** from University of Mosul  
[Prof.lai2014@uomosul.edu.iq](mailto:Prof.lai2014@uomosul.edu.iq)

Professor Dr. **Laith M. Al Taan** from University of Mosul  
[Laithaltaan@uomosul.edu.iq](mailto:Laithaltaan@uomosul.edu.iq)

Lecturer **Yussra Malalah** from University of Mosul  
[yussramalalah@uomosul.edu.iq](mailto:yussramalalah@uomosul.edu.iq)

### Details

University Of Mosul, Faculty of Science, Physics department, Mosul, IRAQ

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### Social Profiles

#### ORCID

<https://orcid.org/0000-0002-4736-9441>

### Skills

Thin Film Preparation

Solar Cell

UV-Visible Spectrophotometer

Chemical Preparation Methods

Labs Safety Procedures

### Languages

Arabic

English

### Hobbies

Arabic Calligraphy  
Reading

## Conferences

Istanbul International Conference on Engineering & Technology , Computer, Basic & Applied Science (ECBA), Istanbul, Turkey, January 18-19, 2020

## Workshops

Radiation, its effect and methods of prevention, University of Mosul, Iraq

Genetically Modified Foods, University of Mosul, Iraq

Scanning electron microscope ... Its composition and imaging methods, University of Mosul, Iraq.

## Resent Publications

ABD ALQADER, H.M.M. (2013) ***Study the Effect of Asymmetrically Parabolic Concentrators (APC) on the Efficiency of Solar Cell***, Rafidain Journal of Science, 24(2): 81-90.

ABD ALQADER, H.M.M. (2013) ***Using Heat Sinks in Thermal Cooling Solar Cells and its Effect on Cell Performance***, Rafidain Journal of Science, 24(5): 91-98.

Yesilkaya, S.S., Ulutas, U., and Abd Alqader, H. M., (2021) ***Effect of Na doping on the properties of ZnS thin films and ZnS/Si heterojunction cells***, Materials Letters, 288: 129-347.