

Curriculum Vitae (CV)

Full Name

**Ashraf Selim Abd-El Rahman Selim**



**Personal Information:**

**Academic Rank: Assistant Professor**

**Department: Basic Science**

**Specialization: physics**

**Position: Assistant Professor at Basic Science Department**

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**Education:**

Degree	Discipline	Institution	Year
Ph.D.	Material Sciences physics	Faculty of Science, Zagazig University	2019
M.Sc.	Nuclear Physics	Faculty of Science, Zagazig University	2014
B.Sc.	Physics	Faculty of Science, Zagazig University	2007

**Academic Experience:**

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**Institution:** Higher Technological Institute 10<sup>th</sup> of Ramadan city - Egypt

**Rank:** Assistant Professor

**Dates:** 2020 till now

**Institution:** Higher Technological Institute 10<sup>th</sup> of Ramadan city - Egypt

**Rank:** Research Assistant (PhD student)

**Dates:** 2014-2019

**Institution:** Higher Technological Institute 10<sup>th</sup> of Ramadan city - Egypt

**Rank:** Teaching Assistant

**Dates:** 2009 -2019

### Research interests:

- - Nuclear Physics
- - Material Sciences physics

### Publications:

1. - **Detection and Identification of Contraband in Air Cargo Containers Using Neutron Based Techniques** Ahmad M Osman, Ashraf S Abd-elrahman, II Bashter and RM Megahid
2. **Impact of Sb additives on solidification performance, microstructure enhancement and tensile characteristics of Sn-6.5Zn-0.3Cu Pb-free solder alloy** E. A. Eid, E. H. El-Khawas, and Ashraf S. Abd-elrahman
- 3- **Improvement the creep properties of Sn-6.5Zn-0.3Cu-xSb Pb-free solder alloys** A.A. El-Daly, Abdallah F. Saad, E. H. El-Khawas, Ashraf S Abd-elrahman

## Certifications or Professional Registrations:

### Honors and Awards:

1. - Promoting your research capabilities - The modern knowledge cycle at Higher Technological Institute, on Tuesday 06 August 2019.
2. 14<sup>th</sup> international environmental conference about basic sciences and their applications for environmental protection on 17 July 2019.
3. 15<sup>th</sup> international environmental conference about basic sciences and their applications for environmental protection on 25 November 2020.
4. Academic and Research Skills from DAAD Kairo Akademie on 10<sup>th</sup> December 2020.

### Teaching Experience:

**Dates:** 2009

**Occupation:** Demonstrator in department of Basic Sciences, Higher Technological Institute 10<sup>th</sup> of Ramadan city, Egypt.

**Dates:** 2014/11/30

**Occupation:** Assistant Lecturer in department of Basic Sciences, Higher Technological Institute 10<sup>th</sup> of Ramadan city, Egypt.

**Dates:** 2020/6/15, till now

**Occupation:** Lecturer in department of Basic Sciences, Higher Technological Institute 10<sup>th</sup> of Ramadan city, Egypt.

### Courses taught

- - Teaching a lot of courses of Engineering Physic 1 - Engineering Physic 2 - Engineering Physic 3