



## Call for candidates for a doctoral position at GEP

REF. G2204

**Published:** 01 February 2022

**Deadline:** 20 February 2022

**Reference:** G2204

**Research Activities:** Material science and Renewable Energies

**Candidate:** Phd Student

**Location :** Benguerir

**Duration :** 24 months

**Eligibility :** Be enrolled in a doctoral thesis at a National University

### DESCRIPTION

To expand our team, GEP is opening one funded PhD position in material science for solar cells applications. The PhD student will integrate the “**Development of perovskite solar cells, adapted to tandem configurations**” project at Green Energy Park in Benguerir, Morocco. His/her mission is to focus on the synthesis and characterization of thin films for high efficiency perovskite solar cells with good stability to be integrated in tandem configuration.

#### Role of Phd Student

- Fabricate high-efficiency perovskite solar cells and performing accurate device characterization.
- Optimize Perovskite solar cells while exploring interface engineering.
- Publish research results and present them at conferences, workshops, etc..

#### REQUIREMENTS

- Be enrolled in a doctoral thesis at a National University;
- Hands on experience in solar cells fabrication and/or characterization would be an advantage
- Skills in material science and perovskite based solar cells.
- Good knowledge of semiconductors deposition techniques
- Good analytical, synthesis, innovation, and communication skills.
- Strong interest in interdisciplinary research.

The candidate should send the following documents to [contact@greenenergypark.ma](mailto:contact@greenenergypark.ma)

- A curriculum vitae;
- Copies of university degrees (doctorate registration certificate);
- A research proposal linked to the project description and to one of the issue areas of the call (2000 words, containing an explanation of the topic, Scientific background of the candidate, Methodology for completion of research proposal);
- Letter of recommendation by a professor.