



Call for candidates for a doctoral position at GEP

REF. G2019

Published: 23 July 2020

Deadline: 30 August 2020

Reference: G2019

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

As part of the "FuelWater" Project jointly financed by IsDB and GEP, GEP is opening 1 funded PhD position in material science for autonomous semiconductor-based photolysis systems for wastewater treatment based on multi-junction solar cell and an electrochemical reactor to produce chemical products such as biofuels .

Role of Phd Student

- Model and evaluate the solar-to-molecule conversion system.
- Develop and test semiconductor based photoelectrodes.
- Publish research results and present them at conferences, workshops, etc.;

REQUIREMENTS

- Be enrolled in a doctoral thesis at a National University;
- Skills in material science and silicon based solar cells;
- Good knowledge of semiconductors deposition techniques
- Good analytical, synthesis, innovation and communication skills ;
- Strong interest in interdisciplinary research.
- Be able to schedule your work according to project deadlines and deliverables

The candidate should send the following documents to 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 topic, Scientific background of candidate, Methodology for completion of research proposal);
- Letter of recommendation by a professor.

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