

# NILE UNIVERSITY

NU is the first research, Non Profit “Ahleya” university in Egypt . It was inaugurated in 2007 as a world-class, internationally recognized education and research University.

## Nile University is seeking to hire:

### **Research Assistants (RAs) to start February 2020**

**2 positions required – Contracts valid for 2 years.**

*The hiring is part of the funded project “Multi-Stage Low-Cost Treatment of Dyes and Paints Wastewater by Coagulation, Adsorption, and Filtration for Reuse in Several Applications” Funded from: Academy of Scientific Research and Technology (ASRT)*

The project’s goal is to study, design and construct a low cost, efficient, rapid, and eco-friendly treatment system for textile and paints industries. The RAs will perform research in state of the art of chemical, physical & biological treatment techniques for industrial wastewaters, sludge management diverse techniques beside performing financial feasibility studies of the tested systems and preparing a business model for large-scale production.

#### **JOB REQUIREMENTS For RA1 (Code: Elec-RA)**

- BSc degree in electronics engineering, or equivalent degree.
- Excellent command of English (written, spoken)
- Familiar with CAD tools such as Cadence, Matlab, VHDL, Verilog, FPGA, LabVIEW.
- PCB design, fabrication, Modeling, and ASIC design is a plus.
- Strong background in Mathematics and mathematical modeling
- Strong background in optimization techniques

#### **JOB REQUIREMENTS For RA2 (Code: Civil-RA)**

- BSc degree in civil/environmental engineering, chemistry science/engineering, or equivalent degree.
- Familiar with physical, chemical, biological wastewater treatment processes and sludge management techniques.
- Excellent command of English (written, spoken).
- Good writing skills and experience with the academic writing style

#### **To Apply:**

Applicants must submit their CV to [rascareers@nu.edu.eg](mailto:rascareers@nu.edu.eg) , and mention the title of the job in the subject of their email.