

CURRICULUM VITAE

Personal Data

Name Belal Yehia Ibrahim El Saied Belal
Birth Day 11-07-1992
Scientific degree Bachelor of Mechanical Power Engineering
Current address Mechanical Engineering Department,
Benha Faculty of Engineering, Benha University,
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Academic Qualification

Degree B.Sc. in Mechanical Power Engineering
Benha Faculty of Engineering, Benha University
Benha, Egypt
Graduation Year 2014
Field Mechanical Power Engineering with general grade of excellent with honor (88.25%)
Graduation Project Biodiesel Production From Waste Cooking Oil and Biodiesel Effect on Diesel
Engine Performance
Project Grade Excellent

Training

1. Sidi Krir Power Station (Summer 2011)
2. Agiba Petroleum Co. (summer 2013)

Academic Experience

Teaching Assistant experience at the Mechanical Engineering Department, Benha Faculty of Engineering, Benha University, Egypt:

- I. Demonstrator from October 2014 till now. Teaching:
 1. Theory of combustion technology
 2. Environment and pollution technology
 3. Measurements and Instrumentations
 4. System Dynamics and Vibrations
- II. Sharing and helping in projects and reports for Bachelor of science in Mechanical Power Engineering during the previous period:

1. Prepare a single cylinder CI engine to study its performance, measure in-cylinder pressure, and measure its generated emissions.
 2. Prepare a setup to study the emission of the premixed prevaporized combustion.
 3. Design a swirl burner with its combustion chamber.
 4. Design a setup for biodiesel production from waste cooking oil, Jatropha oil and castor oil.
- III. Enrolled in Master program of power mechanical engineering in Benha Faculty of engineering, and finished master pre-courses with GPA 3.58

Computer Skills

1. Drawing; Auto CAD, SolidWorks, DesignModeler.
2. Microsoft Office; Excel, Word, Power Point
3. CFD; ANSYS Fluent