

# Dr. Rehab Elsayed Elbdawey

Mechatronics Engineering Department

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## **Personal Information:**

**Nationality:** Egyptian

**Marital Status:** Married

## **Education & Qualifications:**

- **PhD Degree:** Mechanical Engineering Department, Faculty of Engineering AL-Azhar University, Egypt.

**Thesis Title:** Overall Effectiveness Analysis of LEO Remote Sensing Satellite

- **M.Sc Degree:** Mechanical Engineering Department, Faculty of Engineering in Shobra, Benha University, Egypt.

**Thesis Title:** Automated Monitoring and Improvement of Production System Performance

- **B.Sc Degree:** Mechanical Engineering, Production and Manufacturing Department Faculty of Engineering, Zagazig University, Egypt

## **Job Experience:**

- Head of Reliability and Risk Management Department at National Authority for Remote Sensing and Space Science (NARSS), Egyptian Space Program
- Teaching in Aerospace Engineering and Space Vehicle Department, Faculty of Engineering, Zagazig University
- Senior Engineer at Quality & System Engineering Groups, Official of Reliability at NARSS
- Teaching assistant in Basic Sciences Department, Obour institutes
- Teaching assistant in Science Valley Academic at Obour city
- Teaching assistant in Mechanical Engineering Department at Higher Technological Institute in 10<sup>th</sup> of Ramadan city

## **Publications:**

Have a 10 articles published in International journals and conferences.

## **Training Experience:**

Have a training at Ukraine, AUC and NARSS in satellite system, Reliability and optimization of structural system, failure mode and effect analysis, special software for reliability analysis programmers.

## **Project Experience:**

Design, simulation, implementation and testing a new software (OEE developer)

“Overall equipment effectiveness software”