Mustafa Idris Abdullah Aburwais
Year and Place of birth: 1991 – Misrata, Libya
Phone No: +218-914440903
E-mail Address: m.aburwais@misuratau.edu.ly

Education and Work Experiences

- **Bachelor of Mechanical Engineering 2013/2014**
Faculty of Engineering, Misurata University.
Overall rating: Excellent | First class honors.
Final Year Project: Design and simulation of a solar tower station with thermal storage for night supply along with designing a solar panel station for day supply.

- **Teaching Assistant in the Faculty of Engineering – Misurata University**
Department of Mechanical Engineering | 2015 - 2019

- **Assigned to the Information and Documentation Centre – Misurata University**
Design and development engineer of websites and web applications | 2016 – 2018

- **Assigned to the Renewable Energies Centre – Misurata University**
Interested in solar energy along with simulation software and mechanical design | 2018 – 2019

- **Chairman of the Libyan Society of Mechanical Engineering | 2015 – 2019**

- **Edit Manager of the International Journal of Engineering and Information Technology**
Misurata University | 2017

- **Director of Google Educational System (Google for Education) – Misrata University | 2016 – 2018**

Engineering Experiences

- **MATLAB Software:** modeling and simulation | Excellent
- **SOLIDWORKS Software:** mechanical design and simulation | Excellent
- **Autodesk Inventor Software:** mechanical design and simulation | Excellent
- **Engineering Equation Solver Software:** solving engineering problems | Excellent
- **TRNSYS Software:** modeling and simulation | Excellent
- **ABAQUS FEA Software:** modeling and simulation | Good
- **PVSyst Software:** simulation and design of solar systems | Very Good
- **HAP Software:** Simulation and design of cooling, heating, ventilation and air conditioning systems | Excellent
- **Primavera V6:** project management and plan | Good

Technical Proficiency

- Web designer and developer | Excellent
- Designer and developer of electronic stores - interested in e-commerce tools | Excellent
- Web Application Programming (PHP - HTML - CSS - JavaScript – MySQL) | Excellent
- Graphic designer - specialised in visual identity design and development | Excellent
- Calligraphy designer - interested in Arabic calligraphy | Excellent
- Tools:
    - Adobe Suite:
        o Adobe Photoshop | Excellent
        o Adobe Illustrator | Excellent
        o Adobe Premiere | Very Good
        o Adobe After Effects | Good
    - Cinema 4D Software – 3D designing and modeling | Good

Erasmus+

- Participated in organizing a workshop about EU programs - Erasmus+, through designing the social media ads of the workshop, designing an electronic sign-up system for the participants as well as filming and producing a short video to introduce the program.
- Designing an **e-learning** site for Erasmus + project commissioned by Misurata University: The site includes 6 Libyan universities and five European universities, to teach 119 students through an online educational material with the availability of remote exams.

Interests

Scientific and technical interests, especially:

- Modeling and Simulation
- Creative Graphic Designing
- Browsing the internet and useful websites as well as social media for professional and scientific purposes.

Others

- Participated in the Training of Trainers (TOT) in Tunisia, held on (2012), (80) hours.
- Certified Trainer from Ebdaa Center for Training and Human Resources Development - signed by the international trainer **A**hmed **Q**uddous(2012)
- Certified Trainer from the Canadian Center in Montreal, Canada.
- Representing Misurata University in the Arab Programming Competition of the University, held in Jordan in 2013.
- Representing Misurata University in the Arab Programming Competition of the University, held in Egypt in 2014.