

POWER LABS ECOSYSTEM



Happy Customer

Region: Dubai, United Arab Emirates

University: University of Dubai



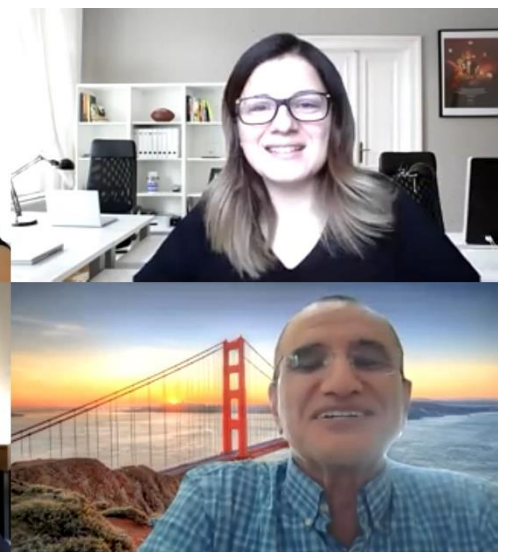
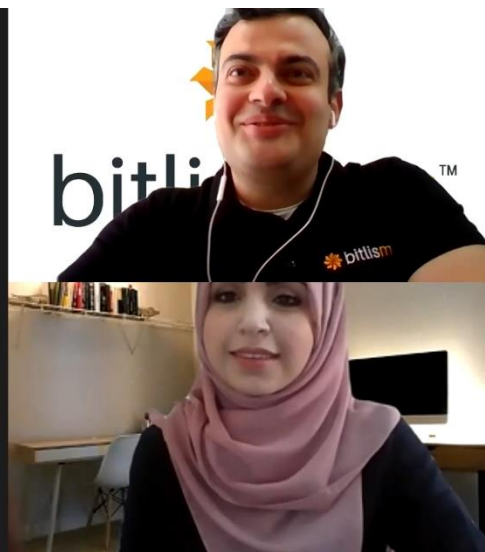
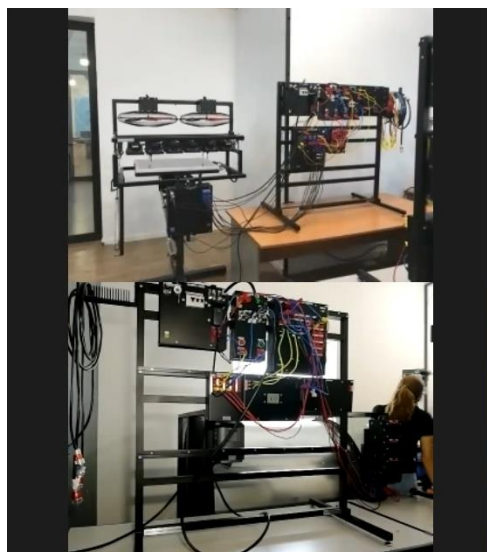
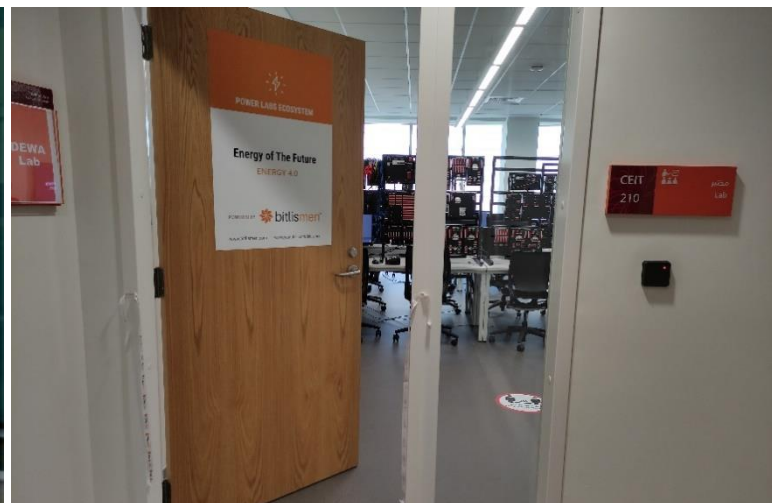
جامعة دبي
UNIVERSITY of DUBAI

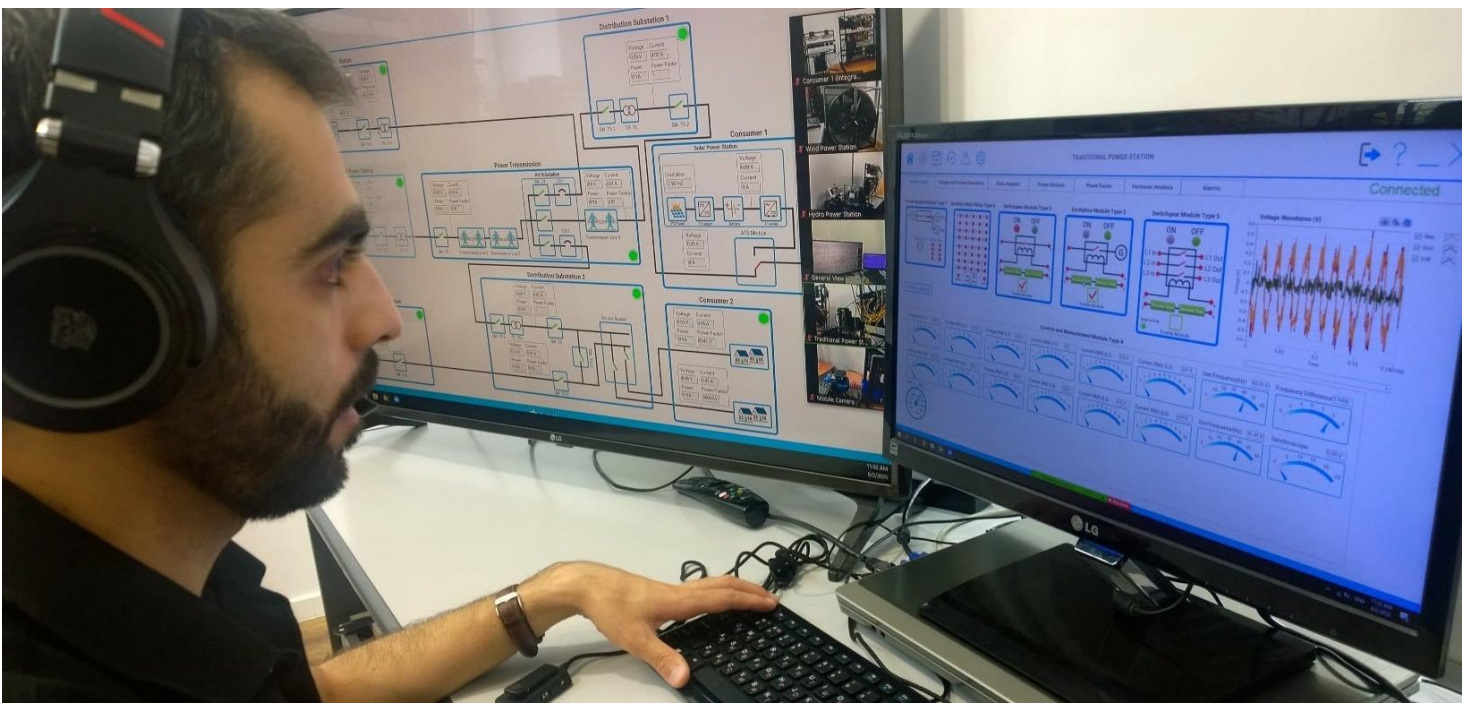
Department: Electrical Engineering

Date: Feb 2021

Product: Smart Grid, Solar Power Generation, Wind Power Generation, Hydro Power Generation, Traditional Power Generation, Power Transmission, Power Distribution, Substation Automation SCADA, Relay Protection trainers of Power Labs Ecosystem.

Youtube link: https://youtu.be/CSS_DKvV8mo





Customer Feedback

"Thank you very much for your commitment, to complete the Power Labs Ecosystem Trainers on time in this difficult time of pandemic, we really appreciate that. I hope this will be step forward for future collaboration. Once again thank you very much, I am very happy with the progress of the Trainers, and I would like to thank Bitlismen team for the professionalism on implementing this project.

I would like to confirm that the online testing demonstration is fine with us, and please ship the lab as soon as possible. Due to the Power Labs Ecosystem Platform, University of Dubai is offering a new specialization in power and energy engineering.

In addition, the response as I got from our team members Dr. Sabina Abdul Hadi and engineer Eman was that whatever has been demonstrated was excellent and meet our expectations so I congratulate you for the excellent job you have done.

Really, we are lucky that we have you on board with us to help us with this Power Engineering Lab and compliment us with the complete skills that you have, we appreciate it. I am very happy to put this feedback for you."

Dr. Wathiq Mansoor
Professor, Chair of Electrical Engineering, Director of Entrepreneur & Innovation Center

“This laboratory is intended for Power Engineering students to experience concepts of power generation and distribution, including smart grids from practical point of view. Lab is designed such that students can feel industry-like environment when studying the concepts and they can understand challenges and limitations that come in field, going beyond theoretical knowledge.

Products that was delivered to us is of high quality and functionality. Easy to use and understand. Team was adequately prepared to deliver experiments via zoom during site/internet Acceptance Test. All tools were introduced and described in details. Team went over theory behind each experiments with us and carried out each experiment successfully. They answered all of our questions and even explored additional features and equipment adaptability, based on our questions and requests.

As for the Delivery and Commissioning entire process was transparent and went smooth without problems. Their team did face some technical issues from our side, which they have overcame and delivered functional equipment to us. Team was exceptionally helpful during training, ready to answer all our questions and open for discussions. They take our even smallest concerns seriously and address them in no time. Attention to detail is what characterizes their team, at every level of this process.

Equipment is of high class. Design is suitable for educational environment. Safe for the user, easy to understand and adaptable. Software is easy to use and understand. All equipment have similar interface, so it is easy to train the students to use software (and hardware).

As for the Future Trends, Team is looking ahead in their development. For example. they have presented to us virtual 3D laboratory, which can allow students to actually view assembly parts of each tool they are using. They are definitely following global industry and educational trends.

The User manuals of the system are very detailed and can easily be used as teaching materials. Theoretical background on the topic is covered in depth and user manuals are descriptive. It is very easy for student or instructor to follow the manual and carry out each experiment. Furthermore, conceptual questions are also provided which can be used to ensure students’ readiness for the lab.

Equipment is adaptable and customizable while team also provided open source for their software. This allows us to adapt use of the equipment for various project and research topics, which is a great asset.”

Dr. Sabina Abdul Hadi

Assistant Professor, College of Engineering and Information Technology

Aspect	Evaluation
<i>Product Manufacturing</i>	<i>Excellent</i>
<i>Factory Acceptance Test (Committed to deliver testing via Zoom during pandemic)</i>	<i>Excellent</i>
<i>Delivery and Commissioning</i>	<i>Excellent</i>
<i>Training and support</i>	<i>Excellent</i>
<i>Hardware quality, design, look and feel</i>	<i>Excellent</i>
<i>Software quality, design, look and feel</i>	<i>Excellent</i>
<i>What will be achieved by using this laboratory and why it matters</i>	<i>For power engineering students</i>
<i>Future Trends and Industry leading technologies</i>	<i>This lab goes in line with the new and latest technology in the field</i>
<i>Academic Teaching</i>	<i>This lab will be used for Undergraduate students, Power Engineering students</i>
<i>Project based learning and Research</i>	<i>This lab will be used for Graduation projects, competitions and research projects.</i>

Engineer Eman Salamah Diab Abu Shabab

Teaching Assistant & Lab Engineer, College of Engineering & IT, Chair of IEEE Young Professionals Society,

Member in Entrepreneurship and Innovation Free Zone (EIFZ)

Update: 03 February 2023

Two years back in February 2021, a new department of Electrical Engineering was established in the University of Dubai for the undergraduate students which was fully based on Bitlismen's Power Labs Ecosystem Trainers. Both theoretical materials as well as practical experimental platforms were provided by Bitlismen.

We are thrilled and honored to inform that after two years of successful education and due to the dedicated work of the lecturers and professors, the University of Dubai was approved to start as well the Master degree program for Electrical Engineering based on Bitlismen's Power Labs Ecosystem platforms. Thus, the post graduate students will also base their teaching and research on cutting edge technologies provided by us.

"I am glad to announce that the ministry of education has approved the "Master of Science in Electrical Engineering" program for College of Engineering and IT at university of Dubai that has been published on the Ministry website:

<https://lnkd.in/dPd97u7q>"

Dr. Wathiq Mansoor
Dean of College of Engineering and IT, University of Dubai