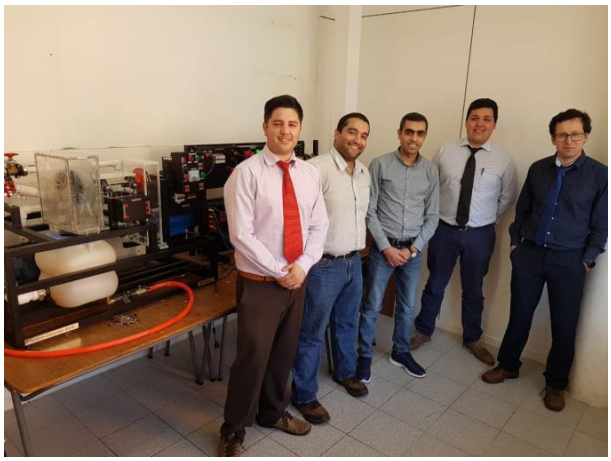
POWER LABS ECOSYSTEM



Happy Customer

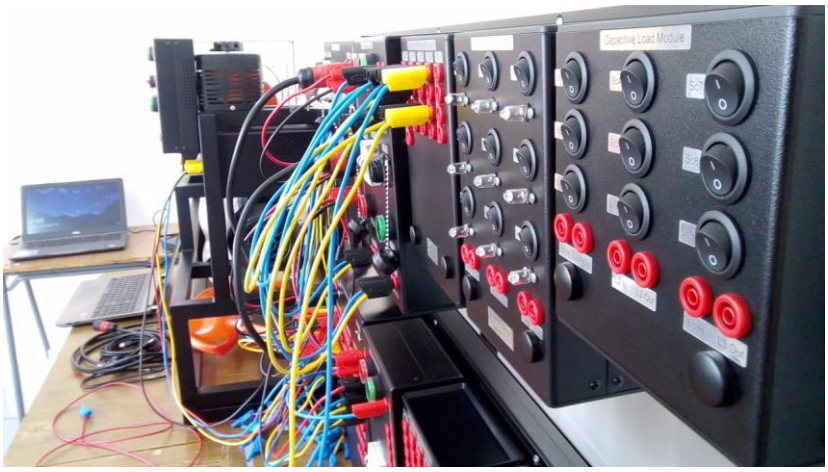
Region: Coronel, Chile

University: Industrial Collage of Coronel

Department: Renewable Energy Laboratory

Date: December 2018

Product: Power Labs Ecosystem



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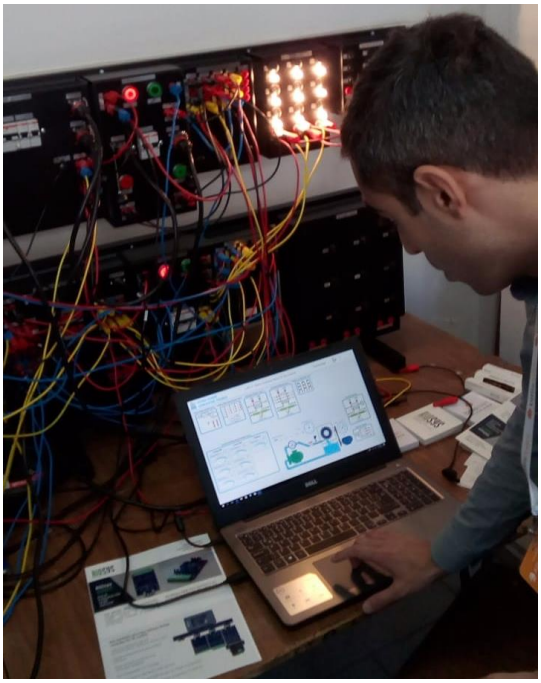

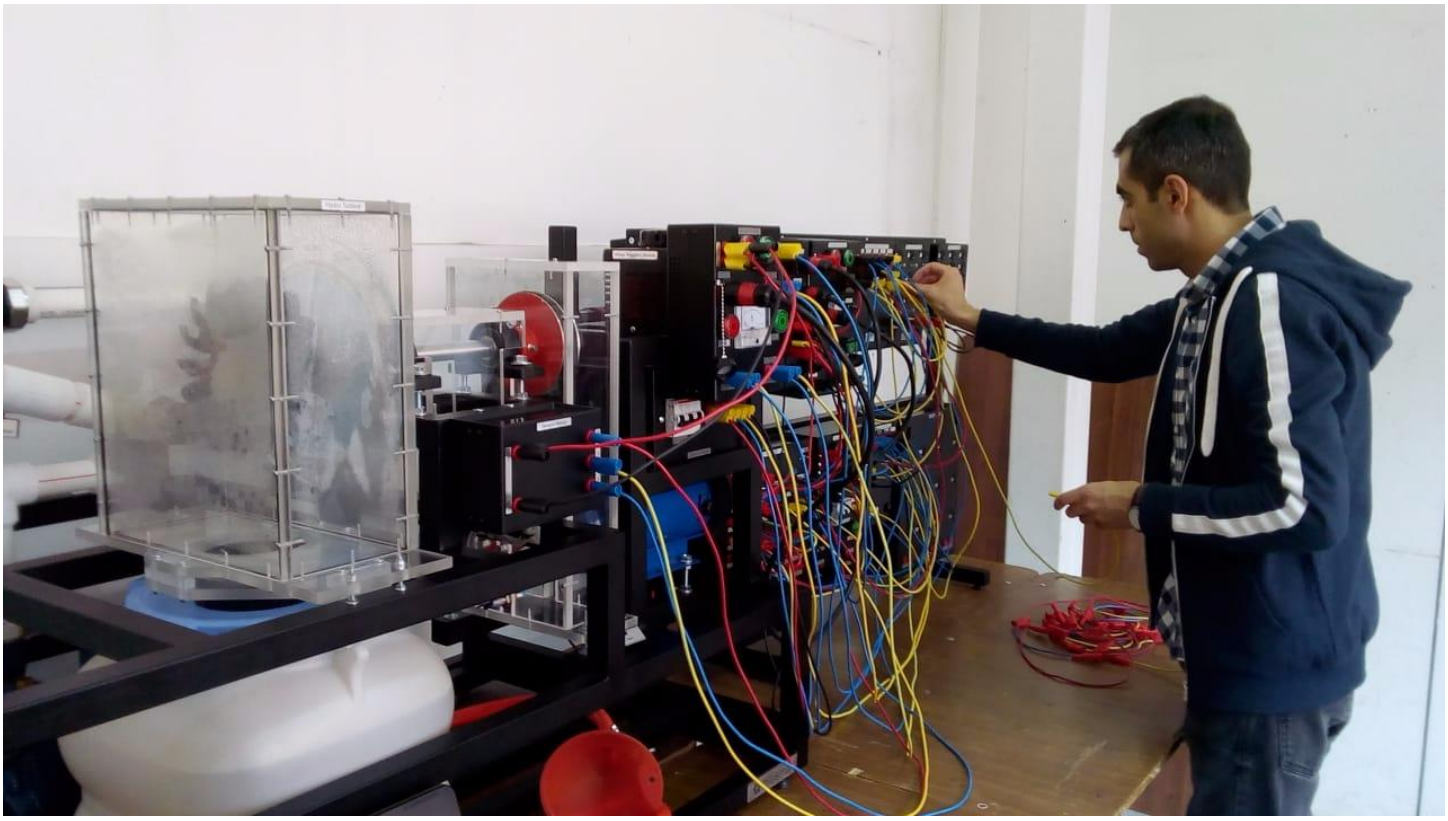

Customer feedback

«The trainer is very interactive and friendly. Experiments are very easy to follow. The safety measures are taken care of with 5+. Perfecta. »

Chief of Department,
Renewable Energy Laboratory, Industrial Collage of Coronel

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POWER LABS ECOSYSTEM

Happy Customer

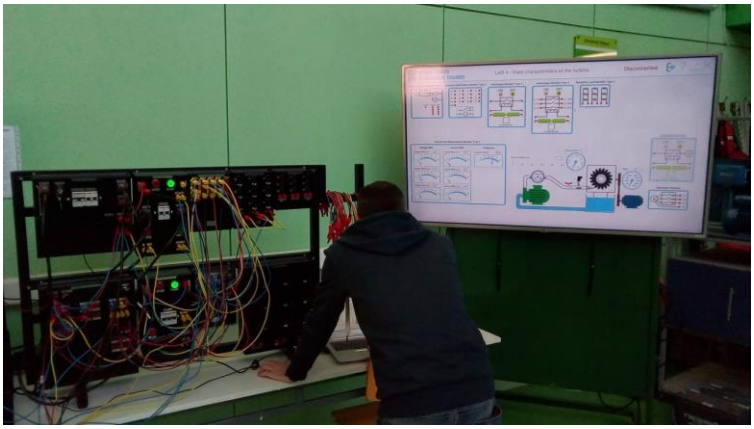
Region: Tome, Chile

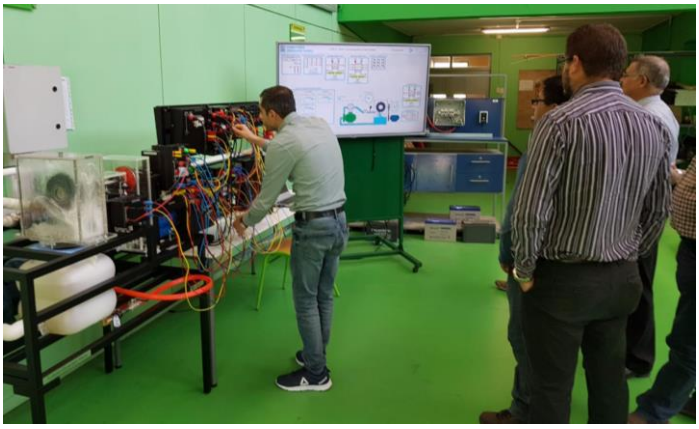
University: Industrial Collage of Tome

Department: Electrical Engineering

Date: December 2018

Product: Power Labs Ecosystem





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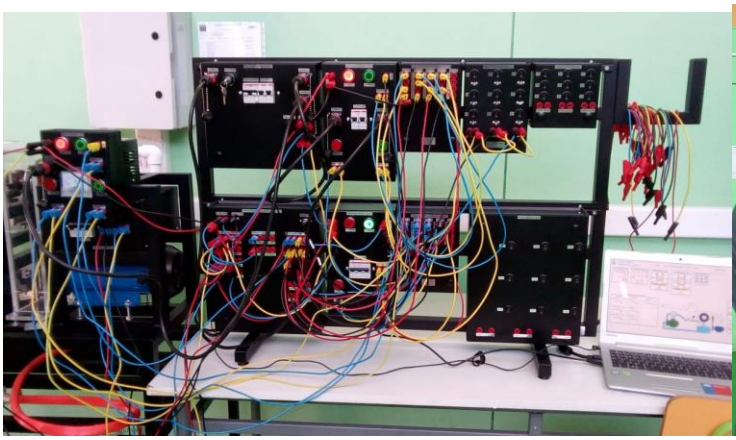
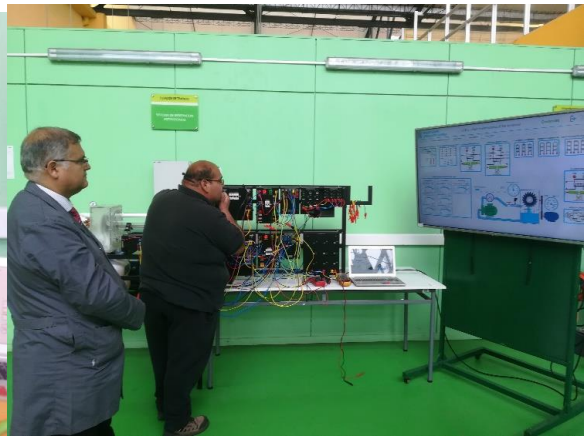

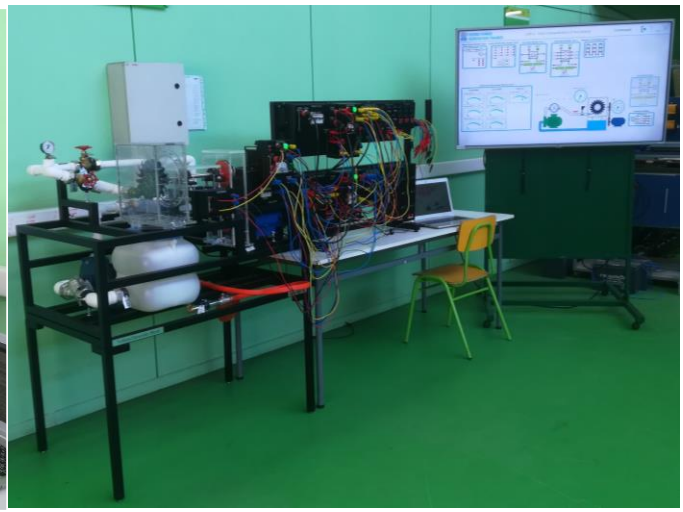


Customer feedback

«The system is very dynamic. It is very easy to explain the students the processes happening during the operation. It is very nice to have graphics and vector diagrams in the software which will help to explain the students different power measurements. The termination and assembly of the labs are easy to do and straightforward. The trainer is very secure, and it is built in a pro level. »

Chief of Department,
Electrical Engineering, Industrial Collage of Tome

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POWER LABS ECOSYSTEM

Happy Customer

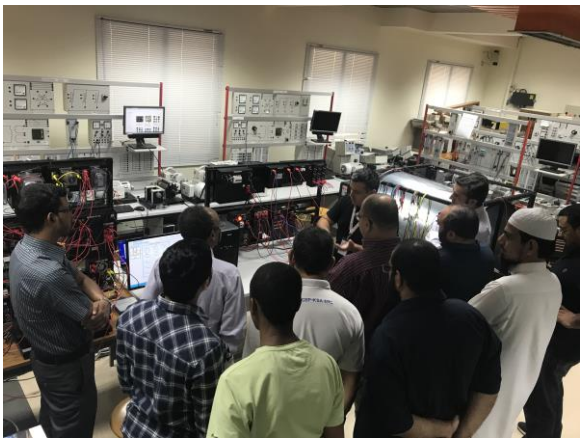
Region: Dammam, Saudi Arabia

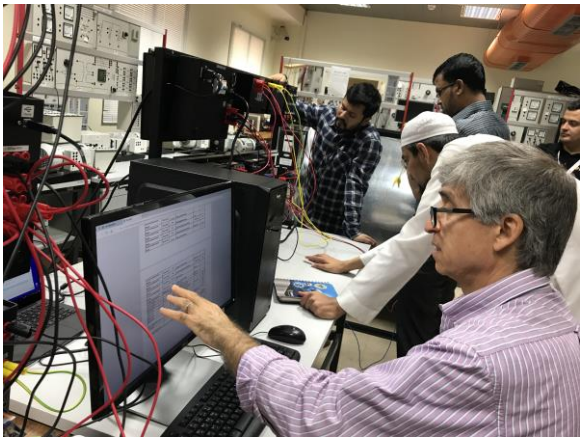
University: King Fahad University of Petroleum and Minerals

Department: Electrical Engineering

Date: October 2018

Product: Power Labs Ecosystem





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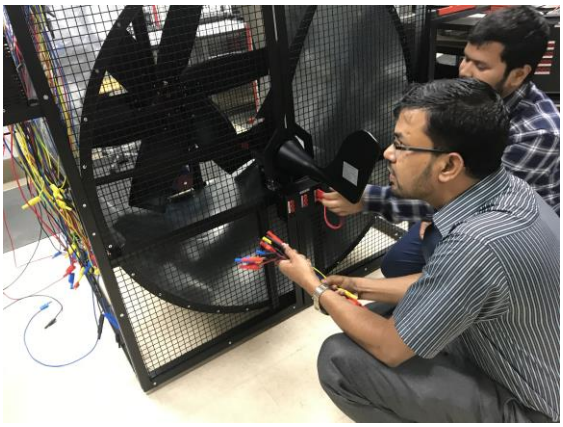

Customer feedback

"Very comprehensive experiments, the system is very flexible, everything was thought about including minor things. System is protected very well and uses industrial components. Software is open, very friendly and nice looking. System is modular and very deductive. Students will enjoy it, it's very good for education as well as for research activities."

Dr. Mohamed Ali Abido, Distinguished University Professor,
Electrical Engineering Department, KFUPM

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POWER LABS ECOSYSTEM

Happy Customer

Region: Makkah, Saudi Arabia

University: Umm Al-Qura University

Department: Mechanical Engineering

Date: February 2020

Product: Outdoor Solar Power Generation Plant of Power Labs Ecosystem

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Customer feedback

"I believe the Outdoor Solar Power Generation Research System you installed at UQU Solar Lab site is an excellent teaching and research tool that will improve our department capabilities and industry-based teaching. Thank you again for your presentation, and we will keep you in our contact for future collaboration opportunities."

Dr. Abdullah A. AlZahrani, Department Chairmen,
Mechanical Engineering Department, UQU

"Very good system", "Here everything is put based on industry and education combination", "It's perfect for research and limited only on your imagination", "This kind of platforms should be for all the research areas, its a must", "This platform is very helpful", "Perfect solution and perfect presentation, thank you"

Professors from the department
Mechanical Engineering Department, UQU

POWER LABS ECOSYSTEM

Happy Customer

Region: Dubai, United Arab Emirates

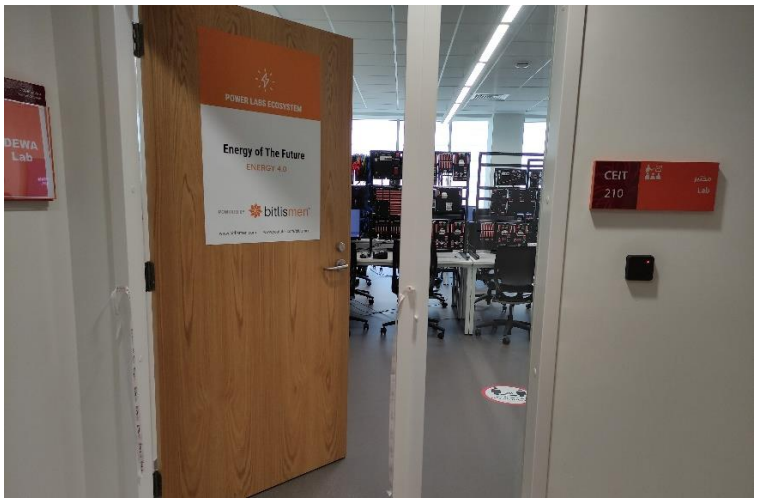
University: University of Dubai

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.



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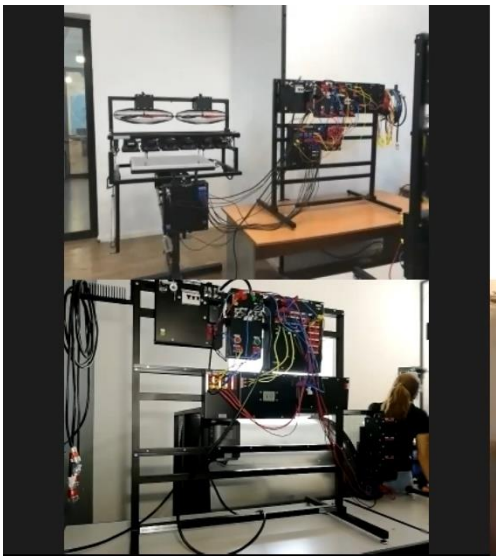

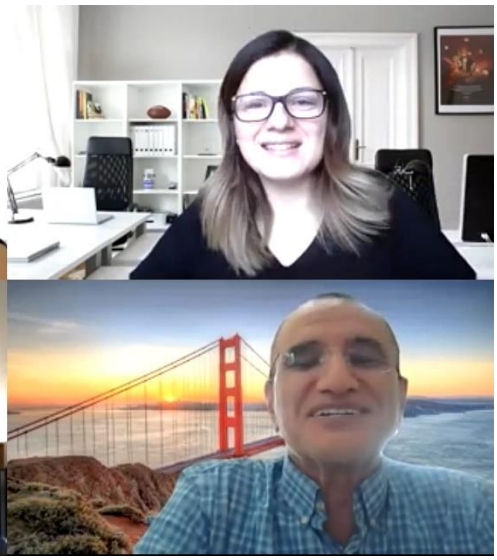

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Customer Feedback

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

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)

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POWER LABS ECOSYSTEM

Happy Customer

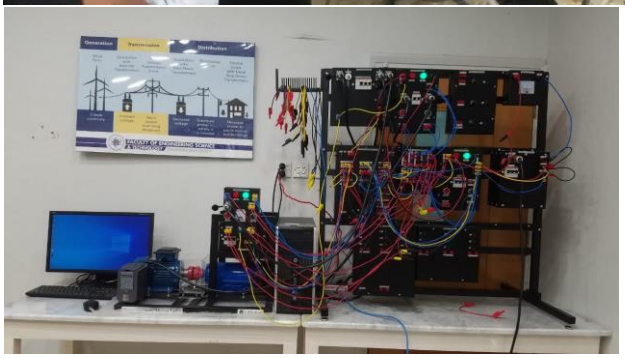
Region: Karachi, Pakistan

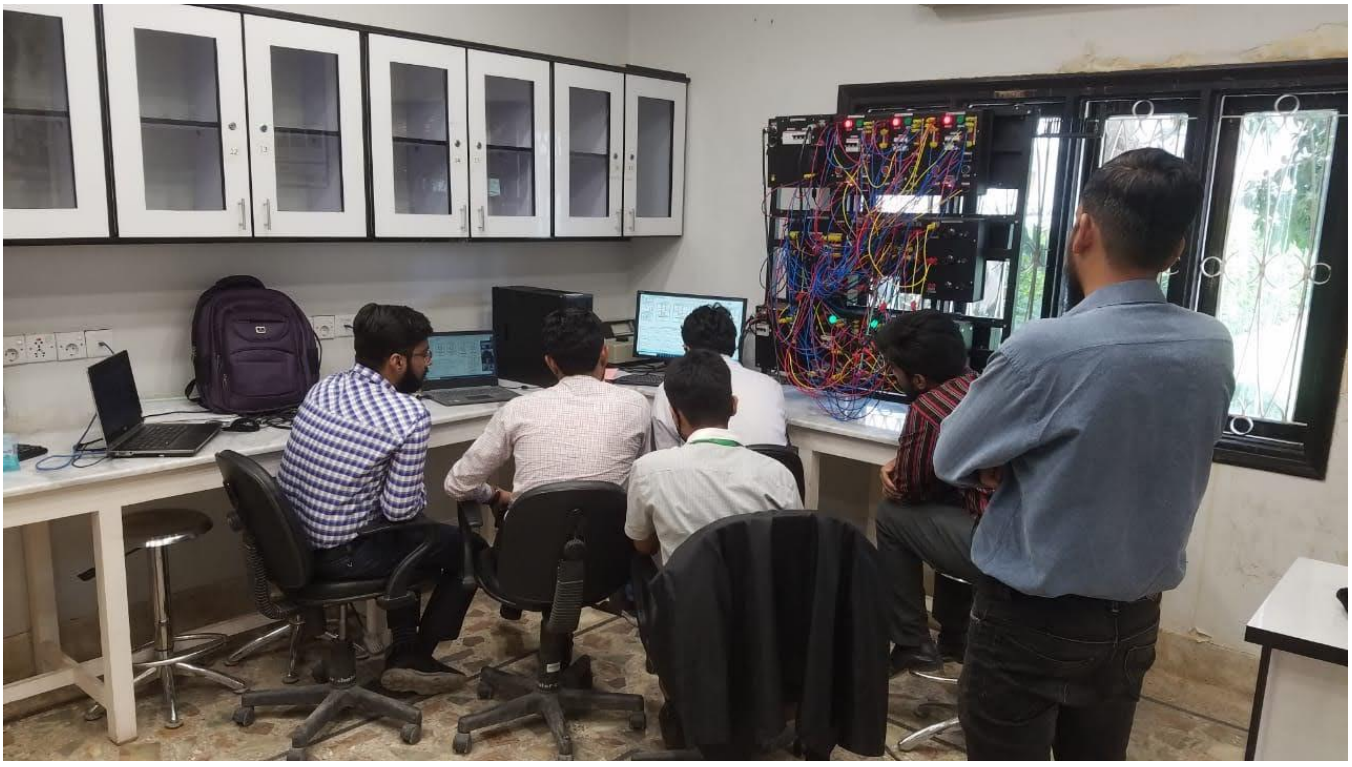
University: Ziauddin University

Department: Faculty of Engineering Science and Technology

Date: Jul 2020

Product: Traditional Power Generation, Power Transmission, Power Distribution, Relay Protection trainers of Power Labs Ecosystem.





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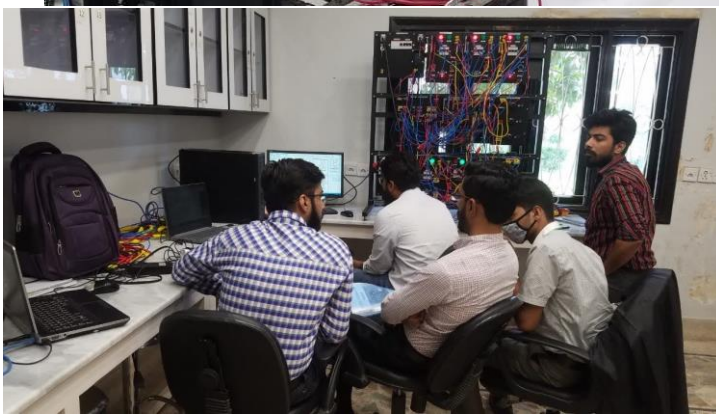

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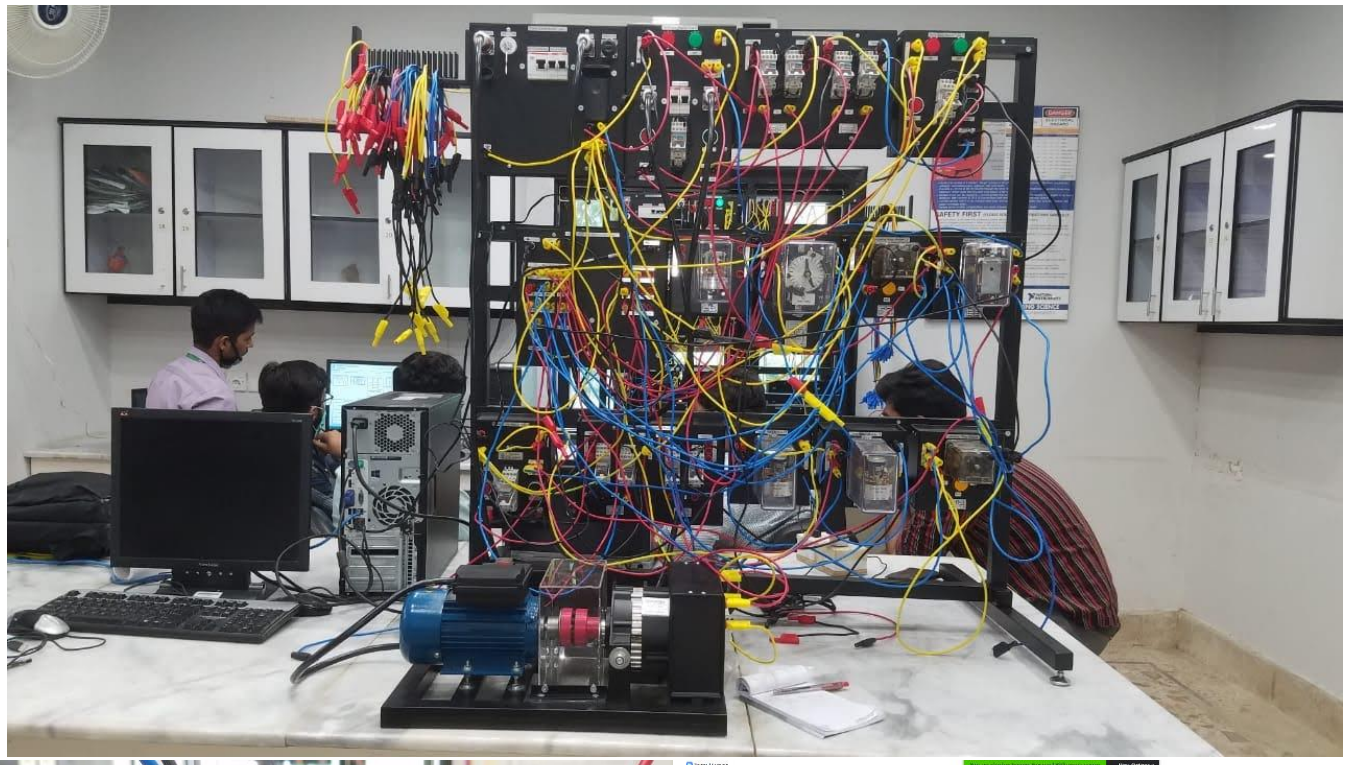

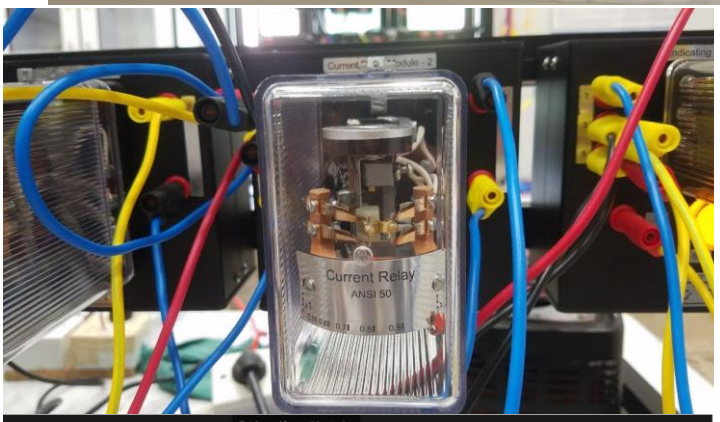

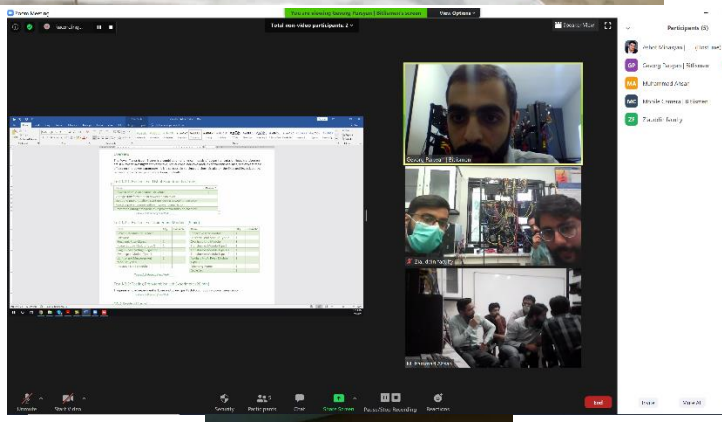

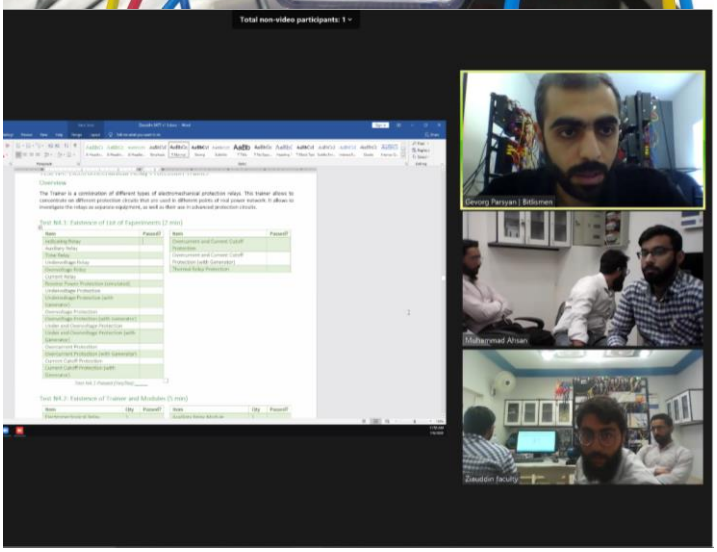

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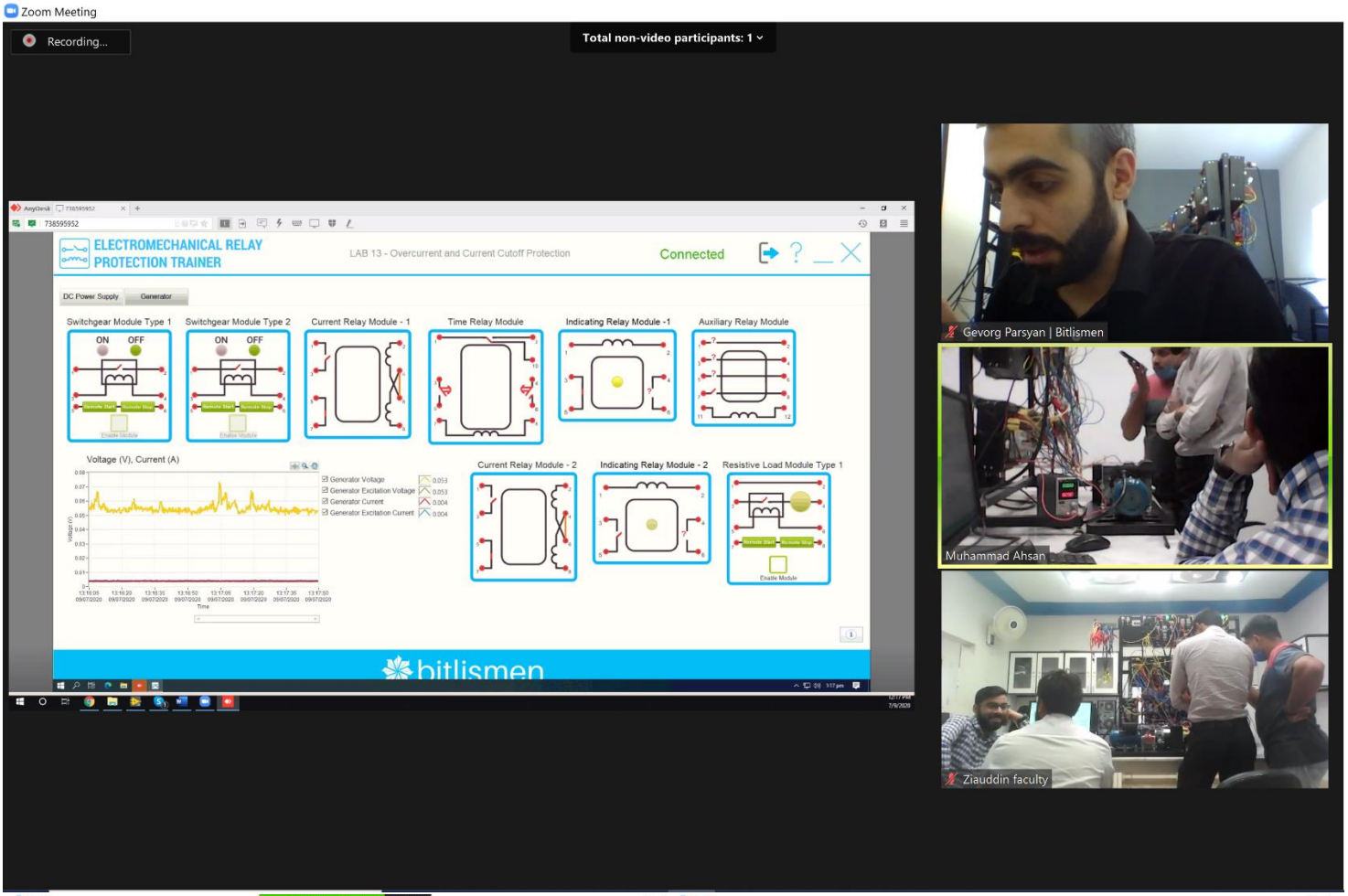

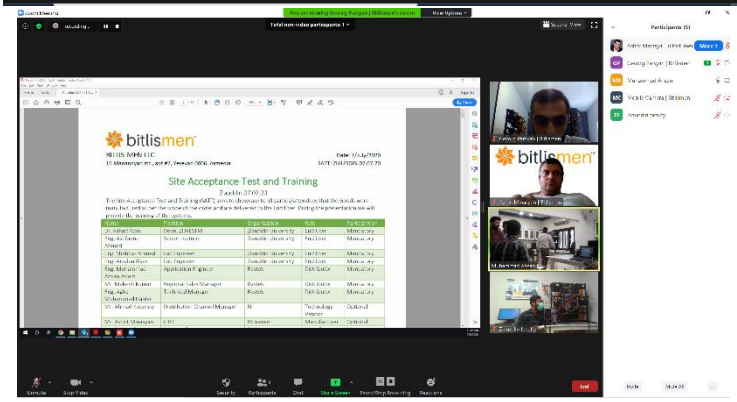

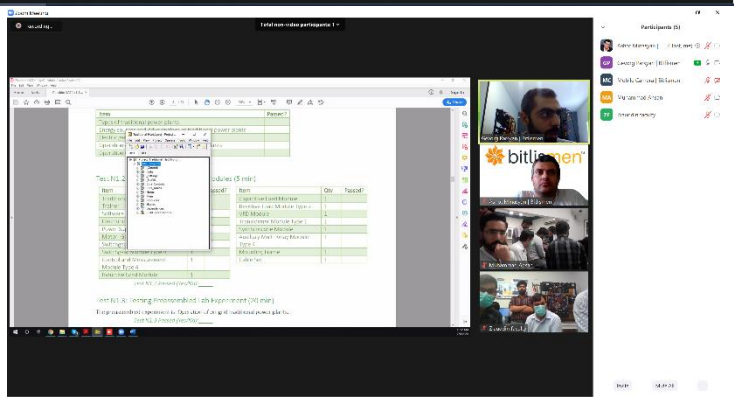

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Customer Feedback

It was a well-defined and informative session for all of the trainers the way Gevorg Parsyan presented and defined the things were clear and overall follow-up and consecutive support from Mr. Ashot Minasyan made much confusion clear on the spot. *Ashfaque Ahmed Baloch, Senior Lecturer*

PLE trainers were one of its kind which will help students to learn a lot as well as they can relate the theoretical knowledge with practical sessions. Thank you very much for your effort to organize the training and assistance provided during the session. *Engr. Shahbaz Ahmed, Lab Engineer*

I found this training workshop to be a very enlightening experience in many ways. The PLE trainers were very well-paced and the attitude of the instructors was very positive and enabling. It was very nice that they accommodate us during the workshop and solved the queries related to it. *Engr. Arsalan Ilyas, Lab Engineer*