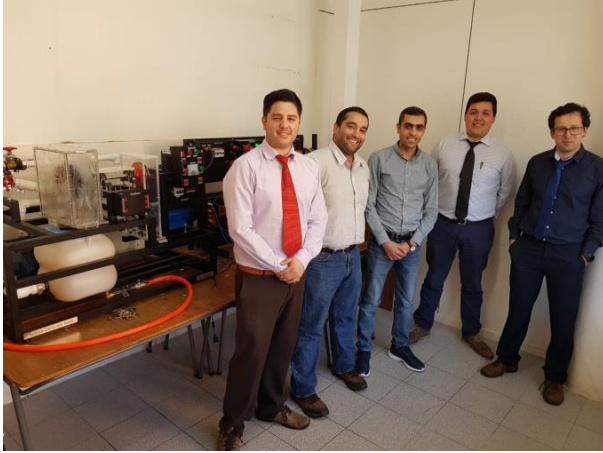


POWER LABS ECOSYSTEM



Happy Customer

Region: Coronel, Chile

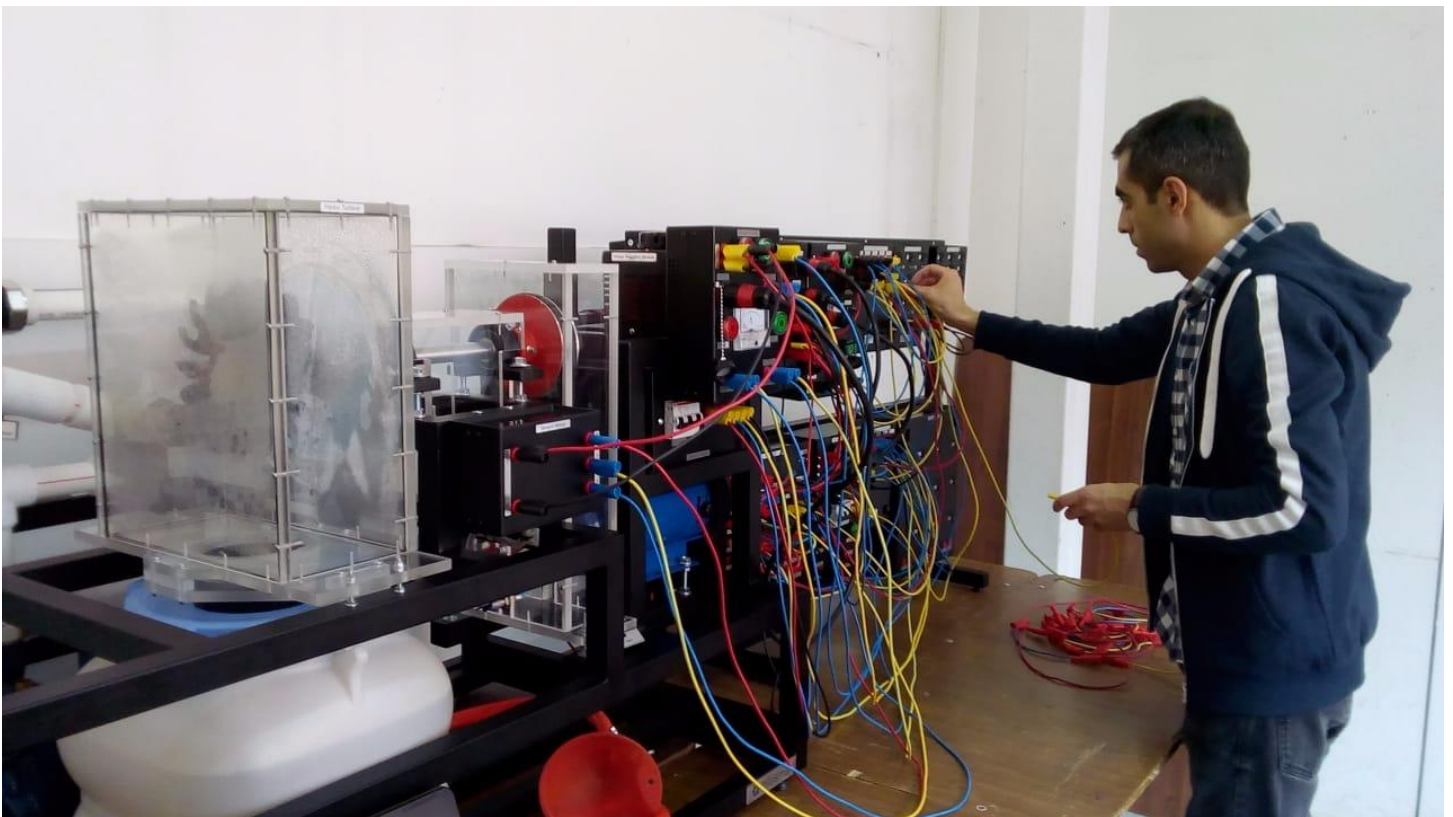
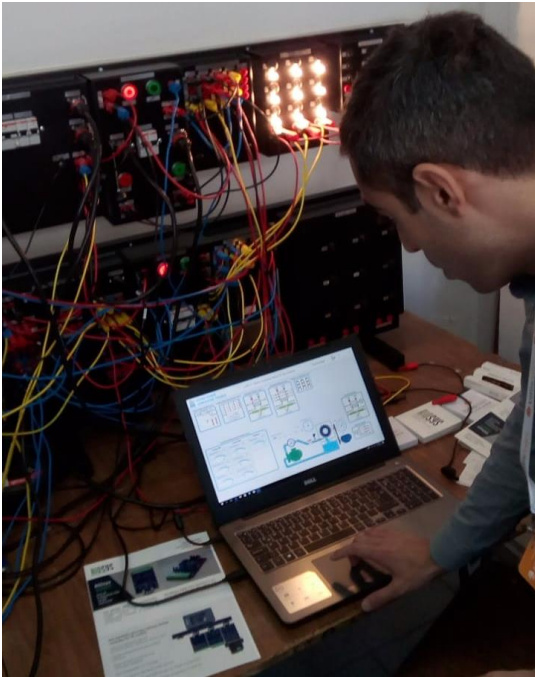
University: Industrial Collage of Coronel

Department: Renewable Energy Laboratory

Date: December 2018

Product: Power Labs Ecosystem





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*

POWER LABS ECOSYSTEM



Happy Customer

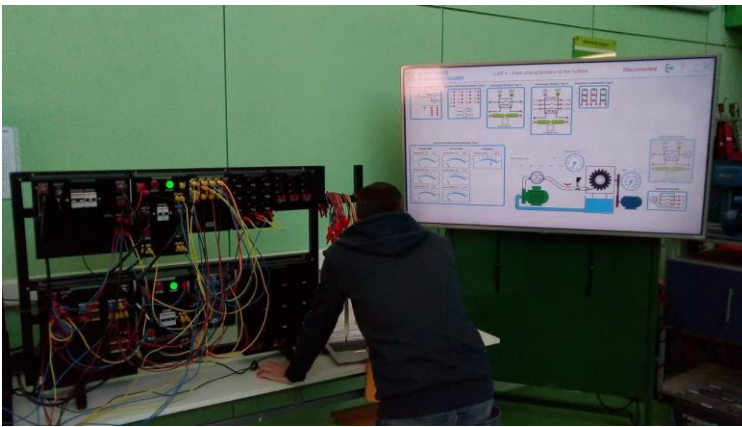
Region: Tome, Chile

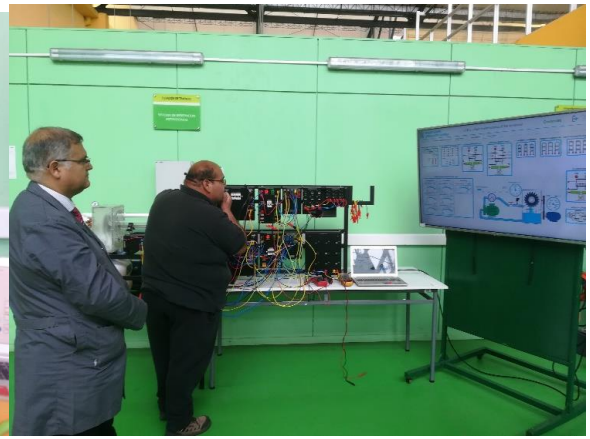
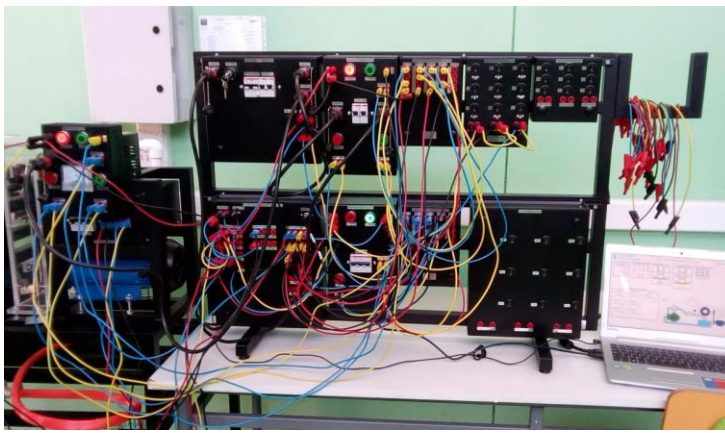
University: Industrial Collage of Tome

Department: Electrical Engineering

Date: December 2018

Product: Power Labs Ecosystem





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*

POWER LABS ECOSYSTEM



Happy Customer

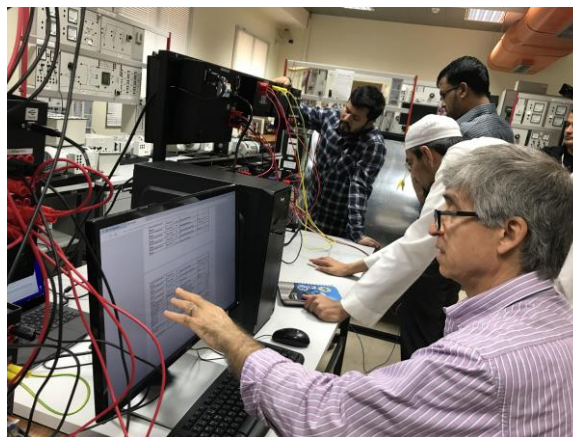
Region: Dammam, Saudi Arabia

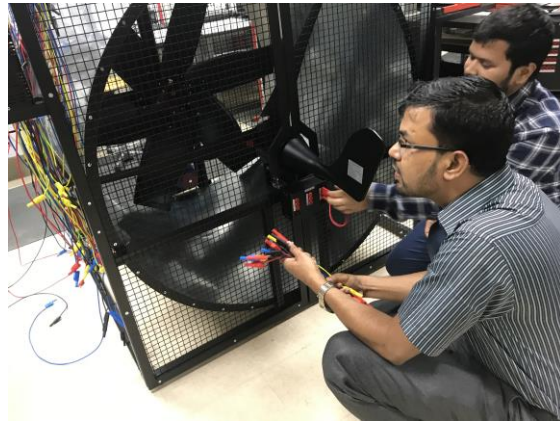
University: King Fahad University of Petroleum and Minerals

Department: Electrical Engineering

Date: October 2018

Product: Power Labs Ecosystem





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*

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





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

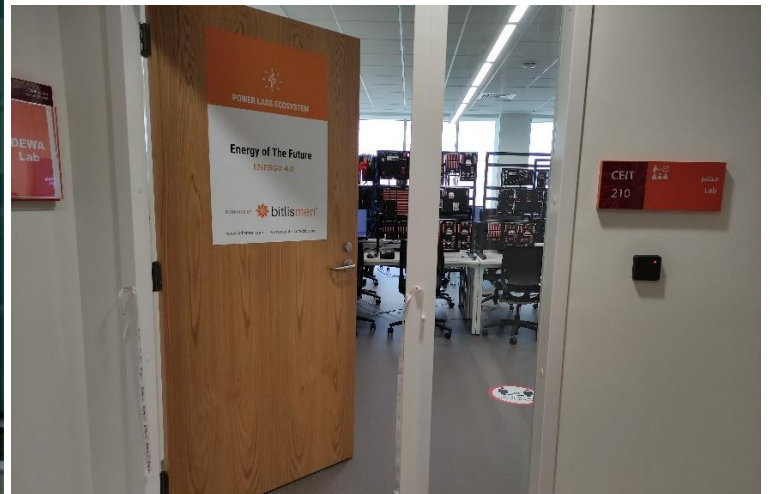


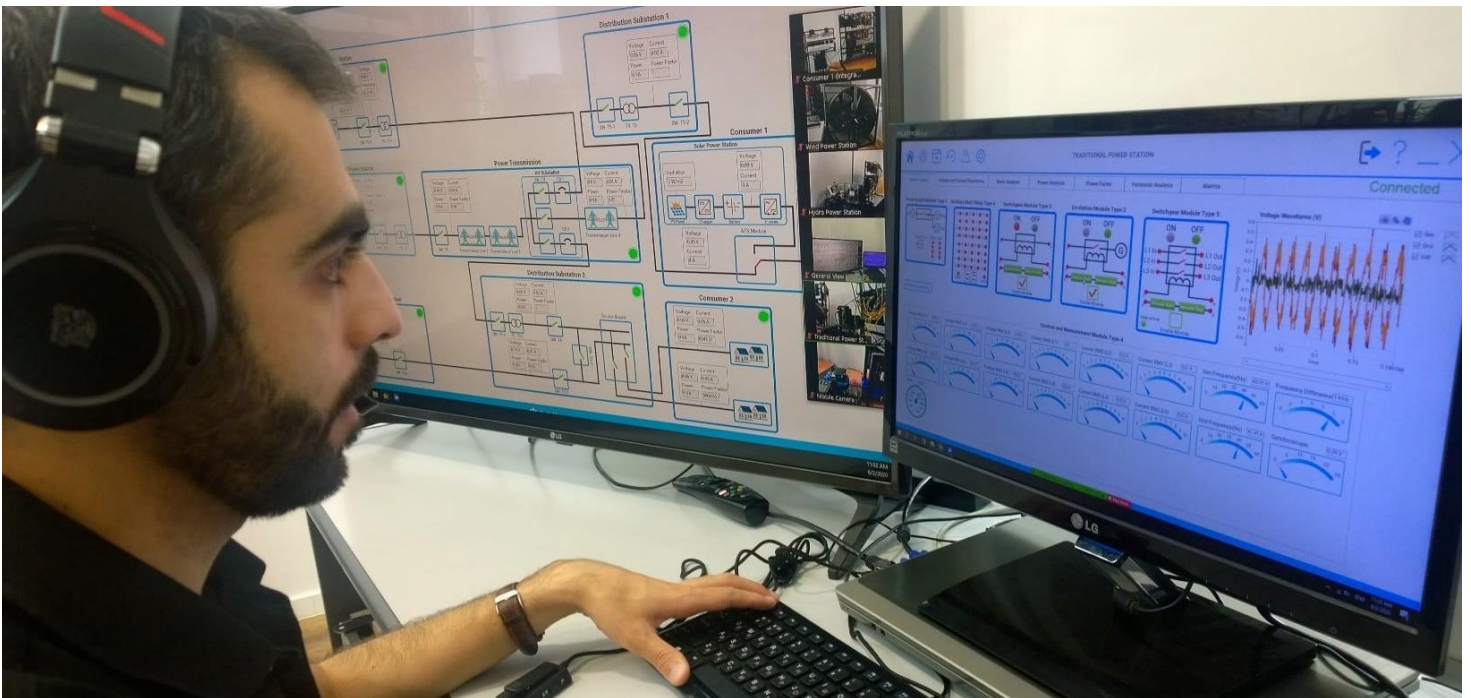
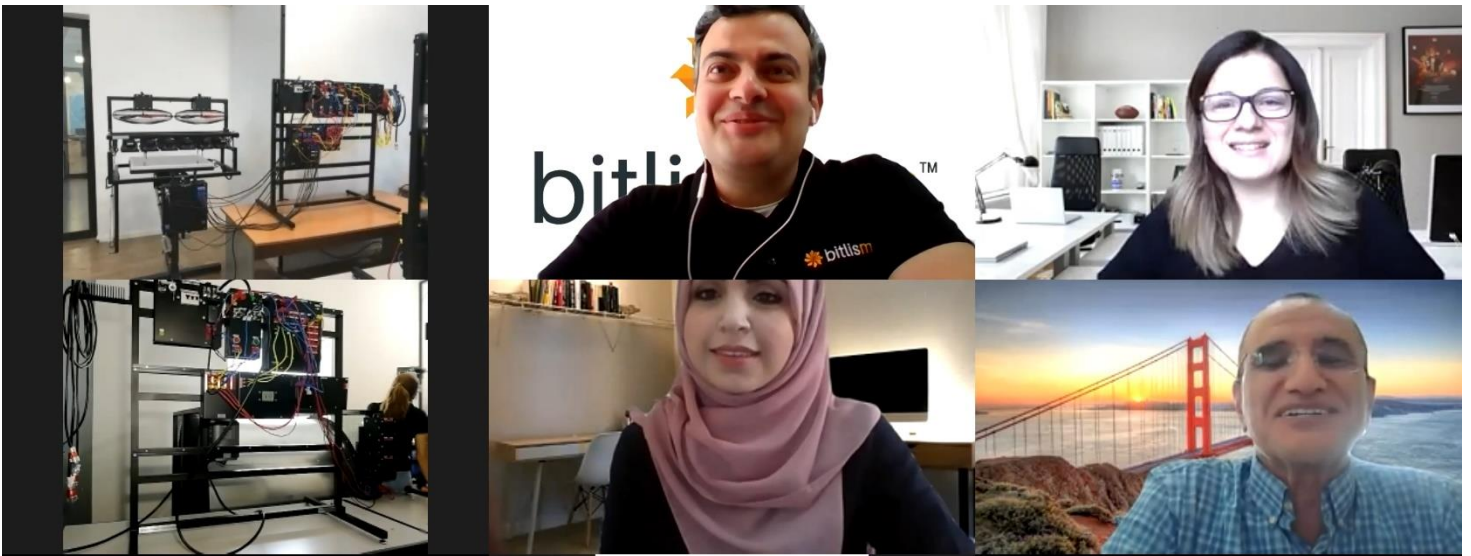
جامعة دبي
UNIVERSITY of DUBAI

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.





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 overcome 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)

POWER LABS ECOSYSTEM



Happy Customer

Region: Karachi, Pakistan

University: Ziauddin University



**ZIAUDDIN
UNIVERSITY**

Department: Faculty of Engineering Science and Technology

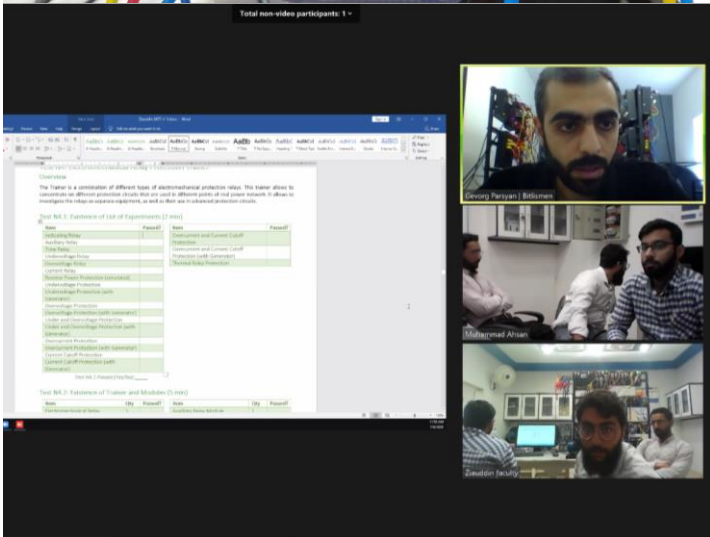
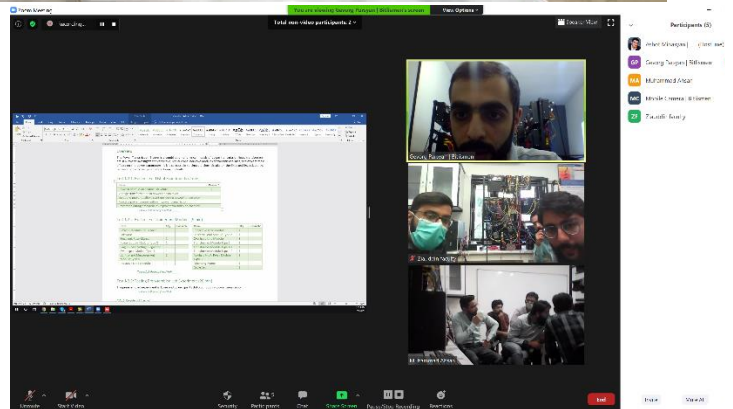
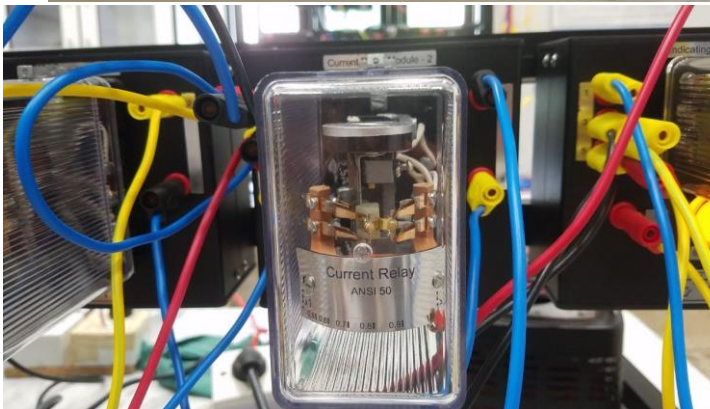
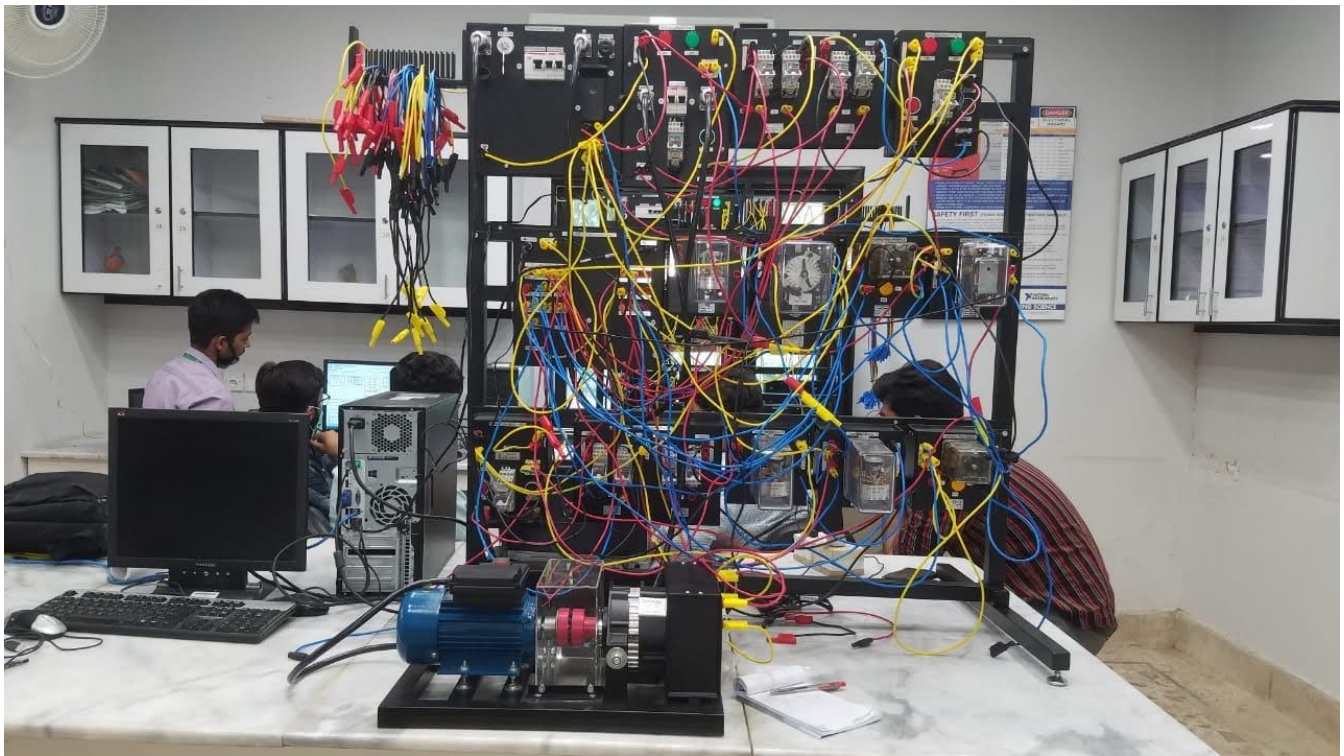
Date: Jul 2020

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









[illegible]

The screenshot displays a Google Sheets spreadsheet titled "Google Sheets - Presentation". The spreadsheet is organized into columns: Name, Status, Date, Category, Priority, and Assignee. A dropdown menu is open for the "Category" column, showing a list of categories including "All", "New", "Drafts", "Trashed", "Shared with me", "Shared with others", "Shared with you", "Shared with group", "Shared with group (all)", "Shared with group (some)", "Shared with group (none)", "Shared with group (all)", "Shared with group (some)", "Shared with group (none)", "Shared with group (all)", "Shared with group (some)", "Shared with group (none)".

The spreadsheet data includes:

Name	Status	Date	Category	Priority	Assignee
John Doe	Completed	2023-10-27	Project A	High	John Doe
Jane Smith	In Progress	2023-10-28	Project B	Medium	Jane Smith
Mike Johnson	Pending	2023-10-29	Project C	Low	Mike Johnson
Emily White	Completed	2023-10-30	Project D	High	Emily White
David Brown	In Progress	2023-10-31	Project E	Medium	David Brown
Alice Green	Pending	2023-11-01	Project F	Low	Alice Green
Bob Black	Completed	2023-11-02	Project G	High	Bob Black
Charlie Blue	In Progress	2023-11-03	Project H	Medium	Charlie Blue
Diana Gold	Pending	2023-11-04	Project I	Low	Diana Gold
Frank Silver	Completed	2023-11-05	Project J	High	Frank Silver
Grace Bronze	In Progress	2023-11-06	Project K	Medium	Grace Bronze
Henry Copper	Pending	2023-11-07	Project L	Low	Henry Copper
Ivy Iron	Completed	2023-11-08	Project M	High	Ivy Iron
Jack Steel	In Progress	2023-11-09	Project N	Medium	Jack Steel
Karen Tin	Pending	2023-11-10	Project O	Low	Karen Tin
Leo Lead	Completed	2023-11-11	Project P	High	Leo Lead
Mia Zinc	In Progress	2023-11-12	Project Q	Medium	Mia Zinc
Noah Nickel	Pending	2023-11-13	Project R	Low	Noah Nickel
Olivia Silver	Completed	2023-11-14	Project S	High	Olivia Silver
Peter Gold	In Progress	2023-11-15	Project T	Medium	Peter Gold
Quinn Bronze	Pending	2023-11-16	Project U	Low	Quinn Bronze
Rachel Iron	Completed	2023-11-17	Project V	High	Rachel Iron
Sam Steel	In Progress	2023-11-18	Project W	Medium	Sam Steel
Tina Tin	Pending	2023-11-19	Project X	Low	Tina Tin
Uma Lead	Completed	2023-11-20	Project Y	High	Uma Lead
Victor Zinc	In Progress	2023-11-21	Project Z	Medium	Victor Zinc
Wendy Nickel	Pending	2023-11-22	Project AA	Low	Wendy Nickel
Xavier Silver	Completed	2023-11-23	Project AB	High	Xavier Silver
Yara Gold	In Progress	2023-11-24	Project AC	Medium	Yara Gold
Zoe Bronze	Pending	2023-11-25	Project AD	Low	Zoe Bronze
Adam Iron	Completed	2023-11-26	Project AE	High	Adam Iron
Eve Steel	In Progress	2023-11-27	Project AF	Medium	Eve Steel
Frank Tin	Pending	2023-11-28	Project AG	Low	Frank Tin
Grace Lead	Completed	2023-11-29	Project AH	High	Grace Lead
Henry Zinc	In Progress	2023-11-30	Project AI	Medium	Henry Zinc
Ivy Nickel	Pending	2023-12-01	Project AJ	Low	Ivy Nickel
Jack Silver	Completed	2023-12-02	Project AK	High	Jack Silver
Karen Gold	In Progress	2023-12-03	Project AL	Medium	Karen Gold
Leo Bronze	Pending	2023-12-04	Project AM	Low	Leo Bronze
Mia Iron	Completed	2023-12-05	Project AN	High	Mia Iron
Noah Steel	In Progress	2023-12-06	Project AO	Medium	Noah Steel
Olivia Tin	Pending	2023-12-07	Project AP	Low	Olivia Tin
Peter Lead	Completed	2023-12-08	Project AQ	High	Peter Lead
Quinn Zinc	In Progress	2023-12-09	Project AR	Medium	Quinn Zinc
Rachel Nickel	Pending	2023-12-10	Project AS	Low	Rachel Nickel
Sam Silver	Completed	2023-12-11	Project AT	High	Sam Silver
Tina Gold	In Progress	2023-12-12	Project AU	Medium	Tina Gold
Uma Bronze	Pending	2023-12-13	Project AV	Low	Uma Bronze
Victor Iron	Completed	2023-12-14	Project AW	High	Victor Iron
Wendy Steel	In Progress	2023-12-15	Project AX	Medium	Wendy Steel
Xavier Tin	Pending	2023-12-16	Project AY	Low	Xavier Tin
Yara Lead	Completed	2023-12-17	Project AZ	High	Yara Lead
Zoe Zinc	In Progress	2023-12-18	Project BA	Medium	Zoe Zinc
Adam Nickel	Pending	2023-12-19	Project BB	Low	Adam Nickel
Eve Silver	Completed	2023-12-20	Project BC	High	Eve Silver
Frank Gold	In Progress	2023-12-21	Project BD	Medium	Frank Gold
Grace Bronze	Pending	2023-12-22	Project BE	Low	Grace Bronze
Henry Iron	Completed	2023-12-23	Project BF	High	Henry Iron
Ivy Steel	In Progress	2023-12-24	Project BG	Medium	Ivy Steel
Jack Tin	Pending	2023-12-25	Project BH	Low	Jack Tin
Karen Lead	Completed	2023-12-26	Project BI	High	Karen Lead
Leo Zinc	In Progress	2023-12-27			

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.

Ashfaqe 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