Report

Online Workshop

on

"Application of Automated Machine Learning in Electrical Industry"

Organised by

Department of Electrical & Electronics Engineering

Date: 24.05.2023

Time: 3.00 PM to 5.00 PM

Venue: Simulation Lab

Organized in association with: **Institution Innovation Council & Entrepreneurship Development Cell**

Submitted by: Ms. Revathy Gopinath, Assistant Professor, Dept. of EEE

Attendance: 37 participants

The programme is started at 3:00 PM with a welcome address to all the audience by the Dr. A V Pavan Kumar, H.O.D, EEE, MITS, Madanapalle. The resource person was **Mr. A M Govind Kumar, Director of SeaportAi, Chennai, Tamilnadu.**

The resource person started the session by extending his hearty thanks to the participants, organising members, HoD, Principal and Management of MITS Madanapalle for giving him opportunity to share his knowledge and experience in "Machine Learning".

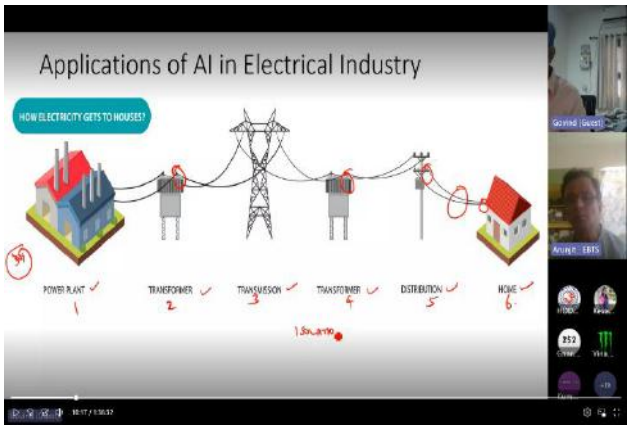
The topic the resource person covered is Introduction to Machine Learning and its application in electrical industry. The audience was made aware of the following through his presentation.

- Industry 4.0
- Application of AI in electrical industry
- Industrial Analytics – From preventive to predictive maintenance
- What is Automated Machine Learning
- Evolution of IT industry
- What is PowerBi
- Data Visualization using PowerBi
- How PowerBi dashboard can be used for energy sector

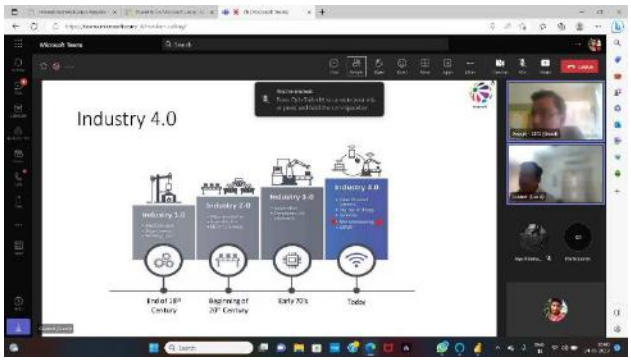
The session was concluded followed by a vote of thanks, given by Ms. Revathy Gopinath, Assistant Professor, Electrical and Electronics Engineering Department, MITS, Madanapalle.

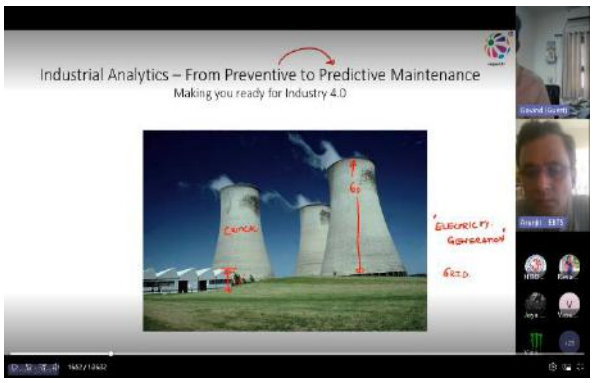
Photos:

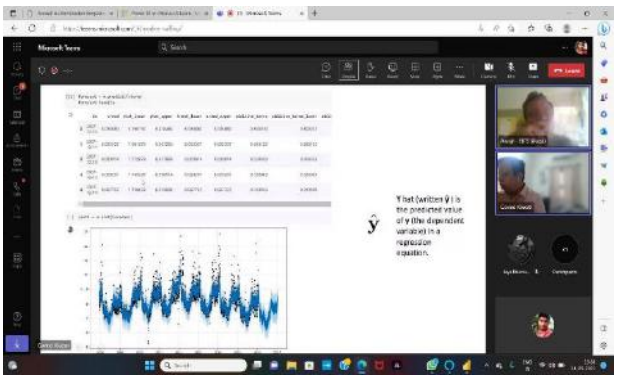

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION) www.mits.ac.in
Madanapalle-517325, Annamayya Dist., Andhra Pradesh
Online Workshop on
"Application of Automated Machine Learning in Electrical Industry"
In association with IIC & ED
Resource Person
Mr. A M Govind Kumar
Director of SeaportAi
Chennai, Tamilnadu
DATE
24/05/23
Session Start
3.00 PM -5.00 PM
Chief Patron
Dr. N. Vijaya Bhaskar Choudary
Secretary & Correspondent
Patron
Mrs. N. Keerthi
Executive Director
Program Chair
Dr. C. Yuvaraj
Principal
Convener
Dr. A.V Pavan Kumar
Professor, Hod EEE
Coordinator
Ms.Revathy Gopinath
Assistant Professor, Department of EEE
Venue : Seminar Hall B

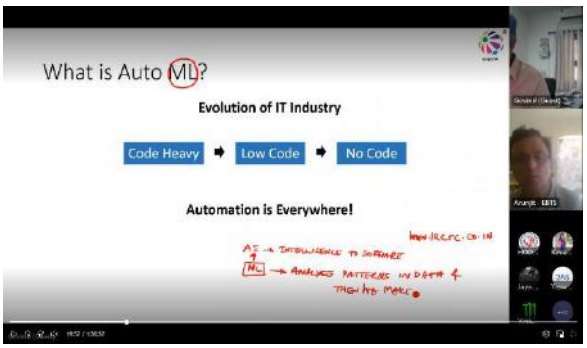

Applications of AI in Electrical Industry
HOW ELECTRICITY GETS TO HOUSES?
POWER PLANT
TRANSFORMER
TRANSMISSION
TRANSFORMER
DISTRIBUTION
HOME

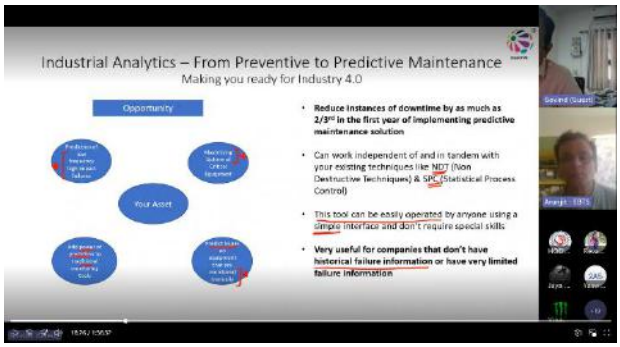

Applications of AI in Electrical Industry
Load Forecasting & Balancing

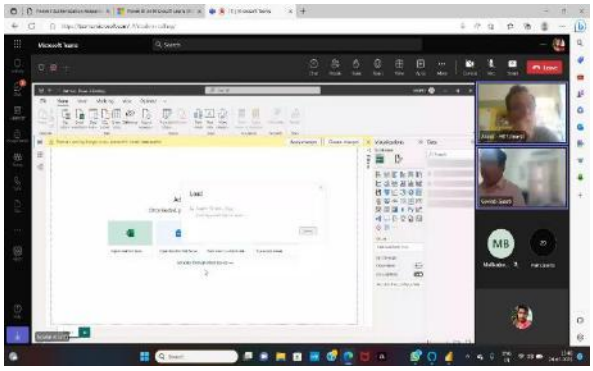

Industry 4.0

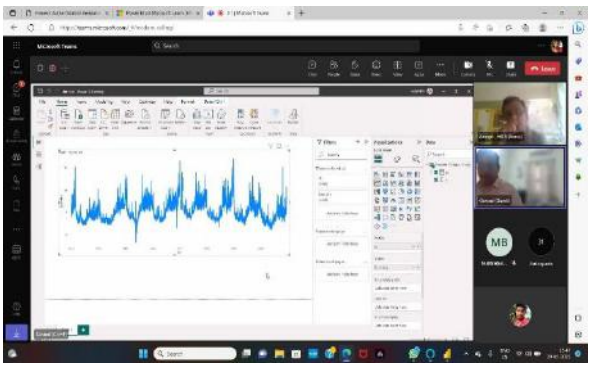

Industrial Analytics – From Preventive to Predictive Maintenance
Making you ready for Industry 4.0
ELECTRICITY GENERATION
GRID

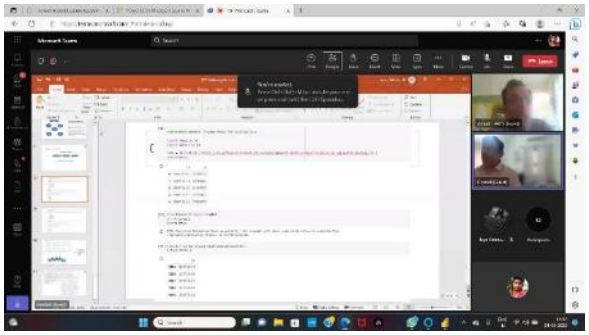


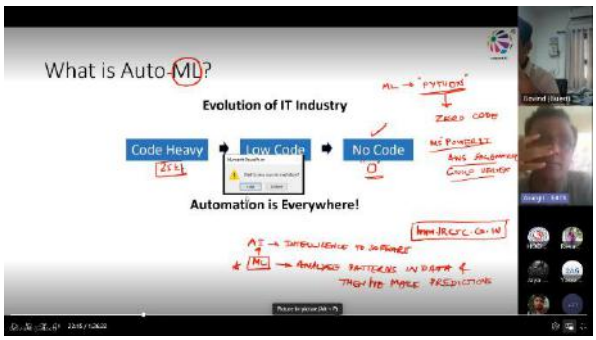

What is Auto ML?
Evolution of IT Industry
Code Heavy
Low Code
No Code
Automation is Everywhere!

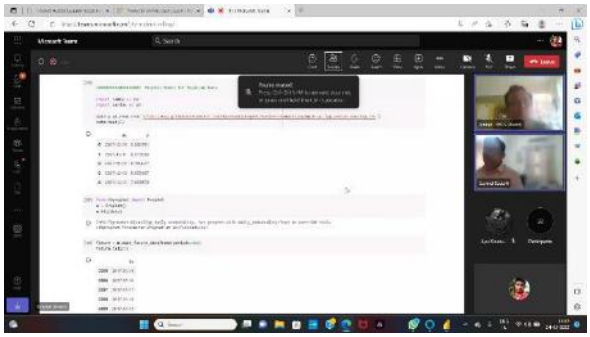

Industrial Analytics – From Preventive to Predictive Maintenance
Making you ready for Industry 4.0
Opportunity
Your Asset

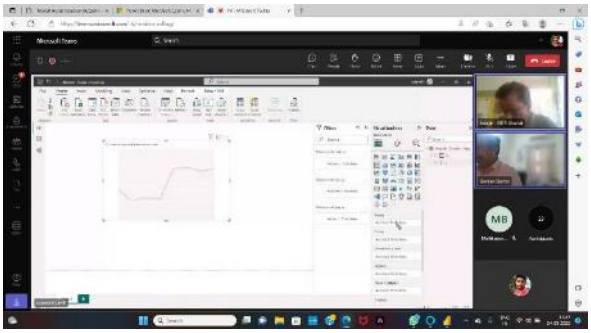












Signature of the Coordinator

Signature of HoD, EEE