

Visit Report on Faculty Outreach

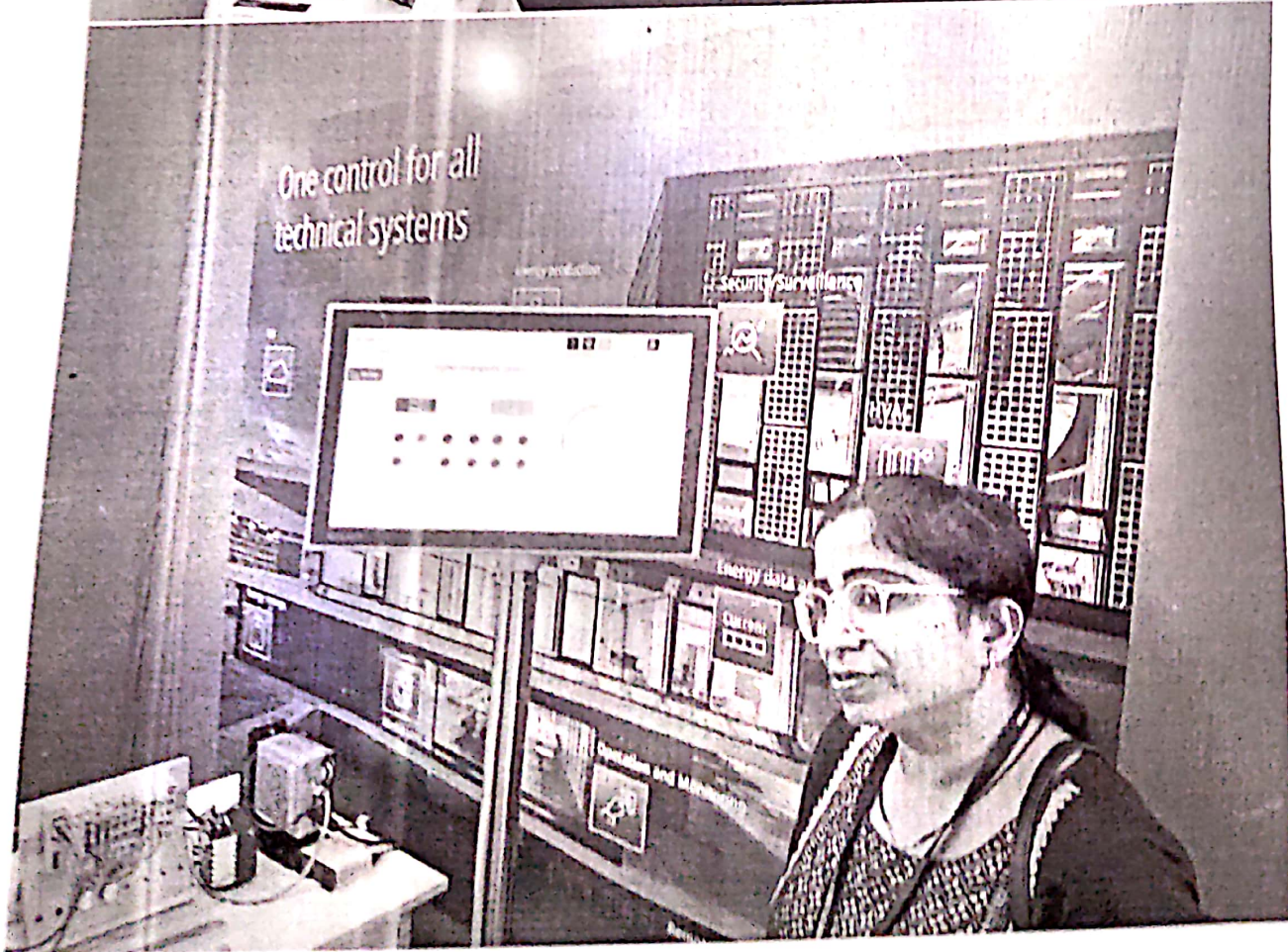
Event Name : Building Automation Industrial MEET INBAC
Date : 18.10.2024
Location : Tip Top International Hotel, Hinjewadi
Branch : Electrical
Total No. of Faculty attended : 02

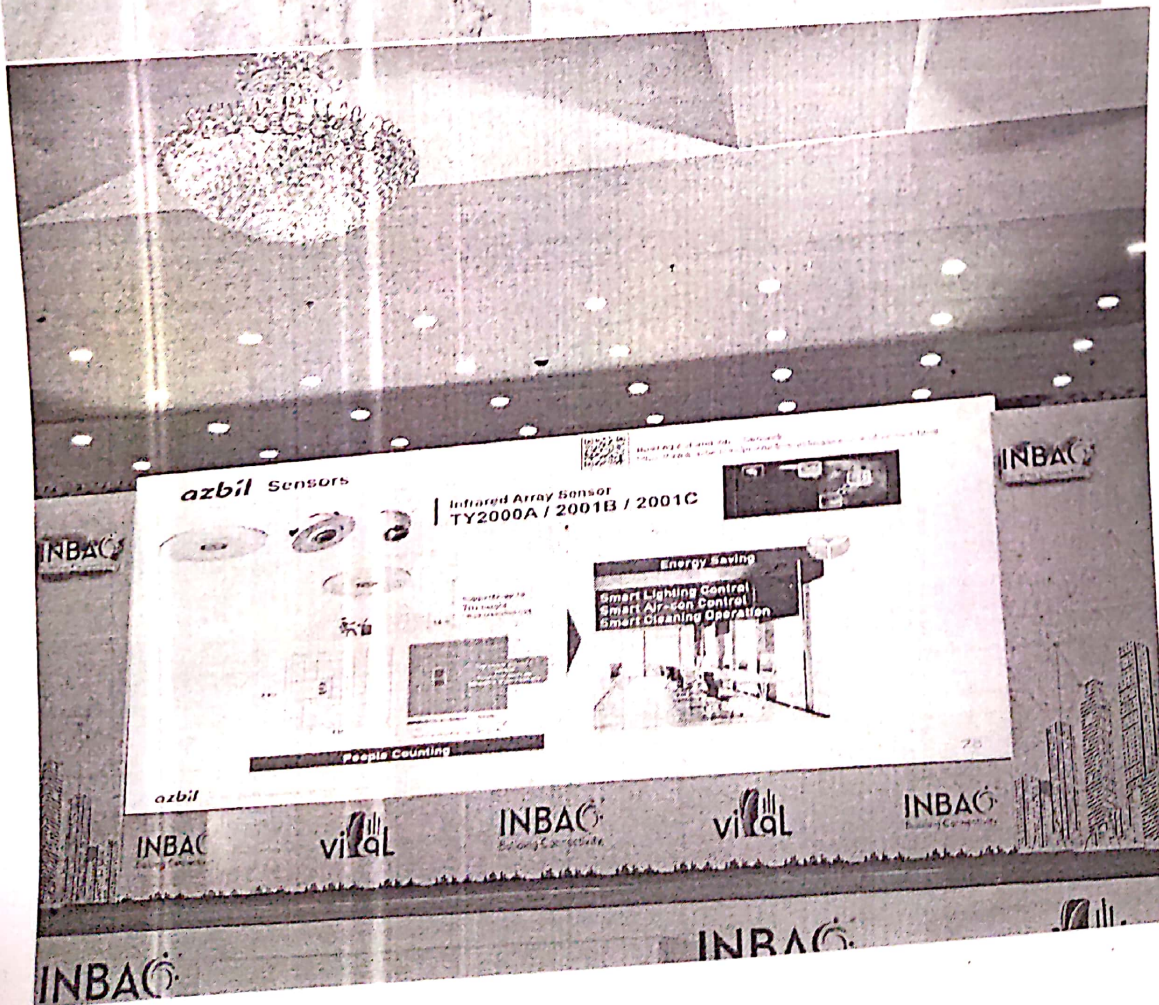
Objective: To provide insight into the latest trends, technologies, and innovations in Smart Building Automation, HVAC, Green Building and NET Zero Energy Buildings
To explore wide range of career paths within the Building Automation sector.
To get leads for Industrial Collaboration in Smart Building Automation HVAC, Green Building and NET Zero Energy Buildings.

Key Learnings: Industrial Connect:

1. BACKOFF Automation Pvt. Ltd.
Mr. Ajey Phatak (Country Manager Marketing)
Faculty Training for PLC based Building Automation with TWINCAT Software
2. Hira Nandani Group, Mr. Martin (Manager Technical). Invited us to visit HIRA NANDANI Lighthouse, recent Building Automation Project near Mumbai.
3. Gantner Infotech India Pvt. Ltd., Mr. Amit Vichare (Head of Sales South Asia), Smart Door Locks Monitoring system
4. Shrirang Automation and Controls, Mr. Abhishek Singh (Sales Engineer)
5. Radix, Mr. Amit Chaurasiya
6. GS Technocrats, Er. S.K. Gupta (Founder and CEO)

Glimpses of the Event :





SAN TELEQUIP

IoT Gateway Use Case (Energy)

Energy Management System

From Monitoring to Action

- Energy Management System
- Gateway (IoT Gateway)
- Smart Meter
- Energy Management System
- Gateway (IoT Gateway)
- Smart Meter
- Energy Management System
- Gateway (IoT Gateway)
- Smart Meter

INBAC Building Connectivity

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Advanced IoT Solution Using Serial Redundancy Switch & IoT Gateway

SAN TELEQUIP

Better Decision Making with Real Time Data

Schedule maintenance | Report a trouble |
Control undue expenses |
And much more with our advanced IoT solutions

AC/DC

Energy Meter

Flow Meter

Humidity Sensor

Temperature Sensor

Light Sensor

CO2

Serial Redundancy Switch

IoT Gateway (4G, 3G & 2G)

Mobile App

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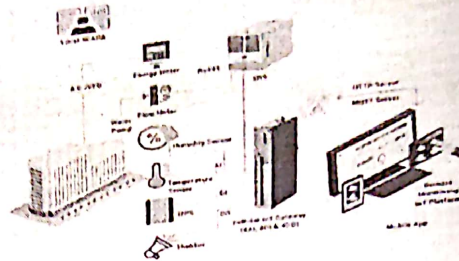
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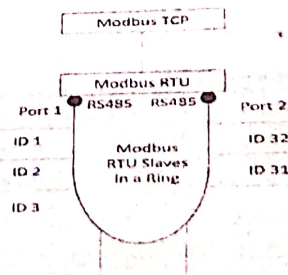
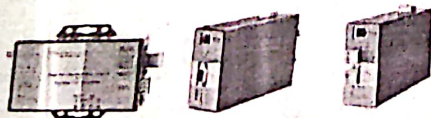
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Modbus Protocol Converter

SAN TELEQUIP

Modbus Gateway
Modbus RTU to TCP Converter
Modbus TCP to RTU Converter
Modbus TCP to Modbus TCP
Modbus RTU to Modbus RTU
Modbus RTU to Modbus TCP
Modbus TCP to Modbus RTU
Modbus RTU to Modbus RTU



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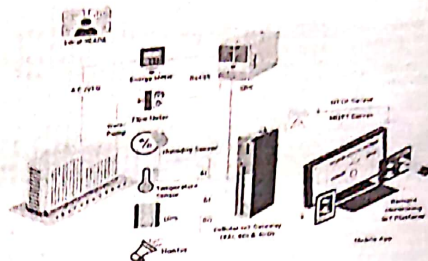
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SANTECH GROUP Presentation, Visit to EXP

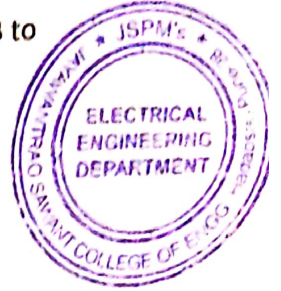


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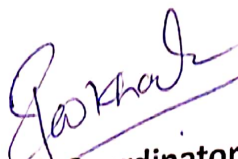
Conclusion:

This faculty Outreach Activity was fruitful in generating leads in NET Zero Energy Building in (Autonomy specialization TEPEX Electrical) for Industry Collaboration for internship, Projects and Placements.

It is also proposed to establish Student Chapter under Energy and Environmental LAB to conduct various activities in the above mentioned Domain.




Faculty Co Ordinator
Prof. S.P. Arbale


EEE Lab Coordinator
Dr. P.N. Gokhale


HOD (Electrical)
Prof. N.G. Padulkar
Head of Department
Electrical Engineering
JSCOE, Hadapsar, Pune-28


Dr. P.A. Patil
Hod (Mechanical)


Dr. R.D. Kanphade
Principal (JSCOE)