



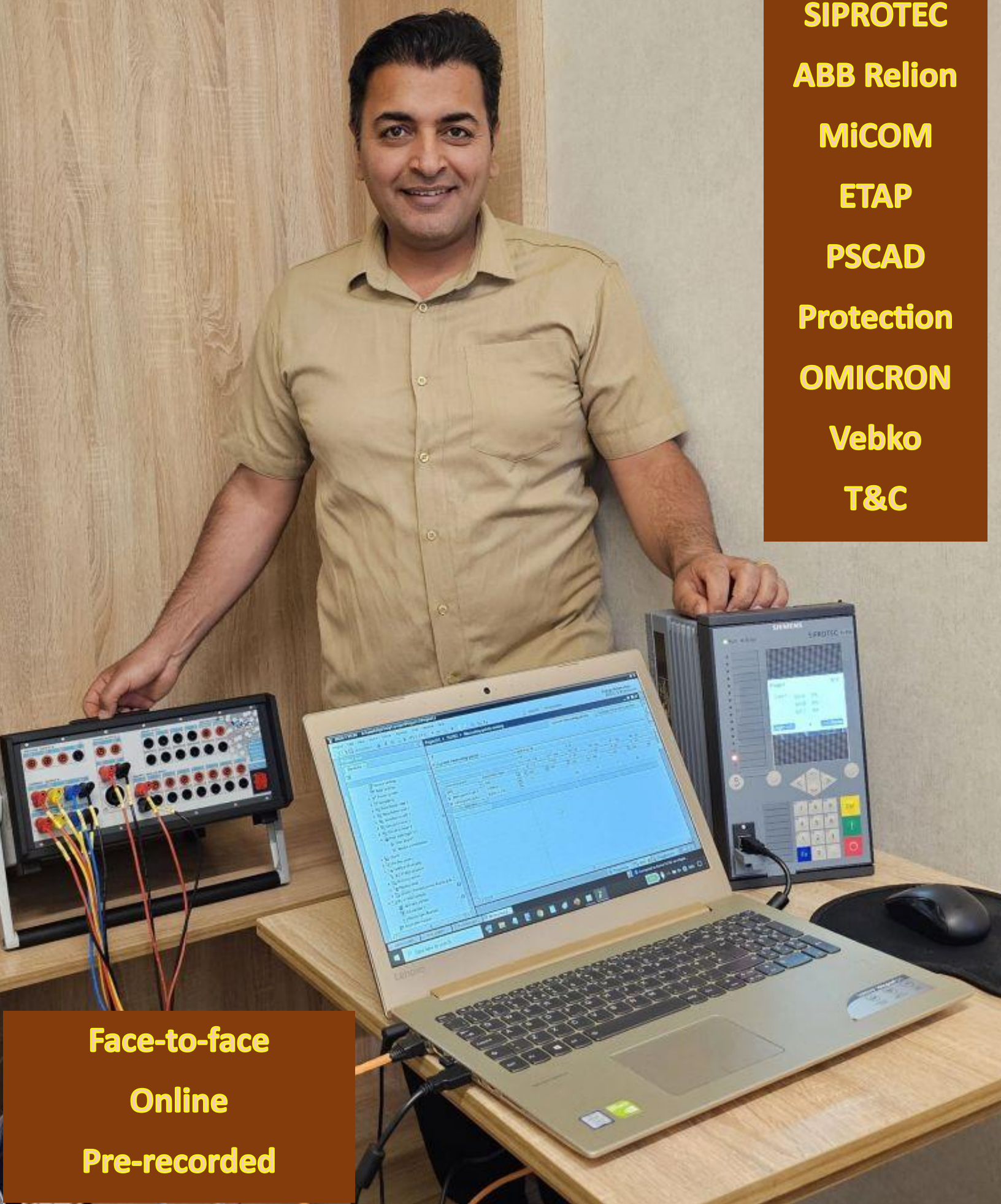
# Power System Protection & Automation



**Saeed Roostaei's CV**

**Sr. technical Trainer**

**IEC 61850**  
**SIPROTEC**  
**ABB Relion**  
**MiCOM**  
**ETAP**  
**PSCAD**  
**Protection**  
**OMICRON**  
**Vebko**  
**T&C**



**Face-to-face**  
**Online**  
**Pre-recorded**



## Advanced Power System Protection with SIPROTEC 5

### June 2025





**Protection Relay for power system, Malaysia**  
**(21-23 April 2025)**





**SICAM PASS & SIEMENS SAS (5 days), Kish Island**

**Jan 2024**





## Power Plant and Generator Protection Master Class, Dubai, April 2024





**Relay Testing & Commissioning**



## SIPROTEC 5 Protection Relays, Istanbul, Turkey

Dec 2024



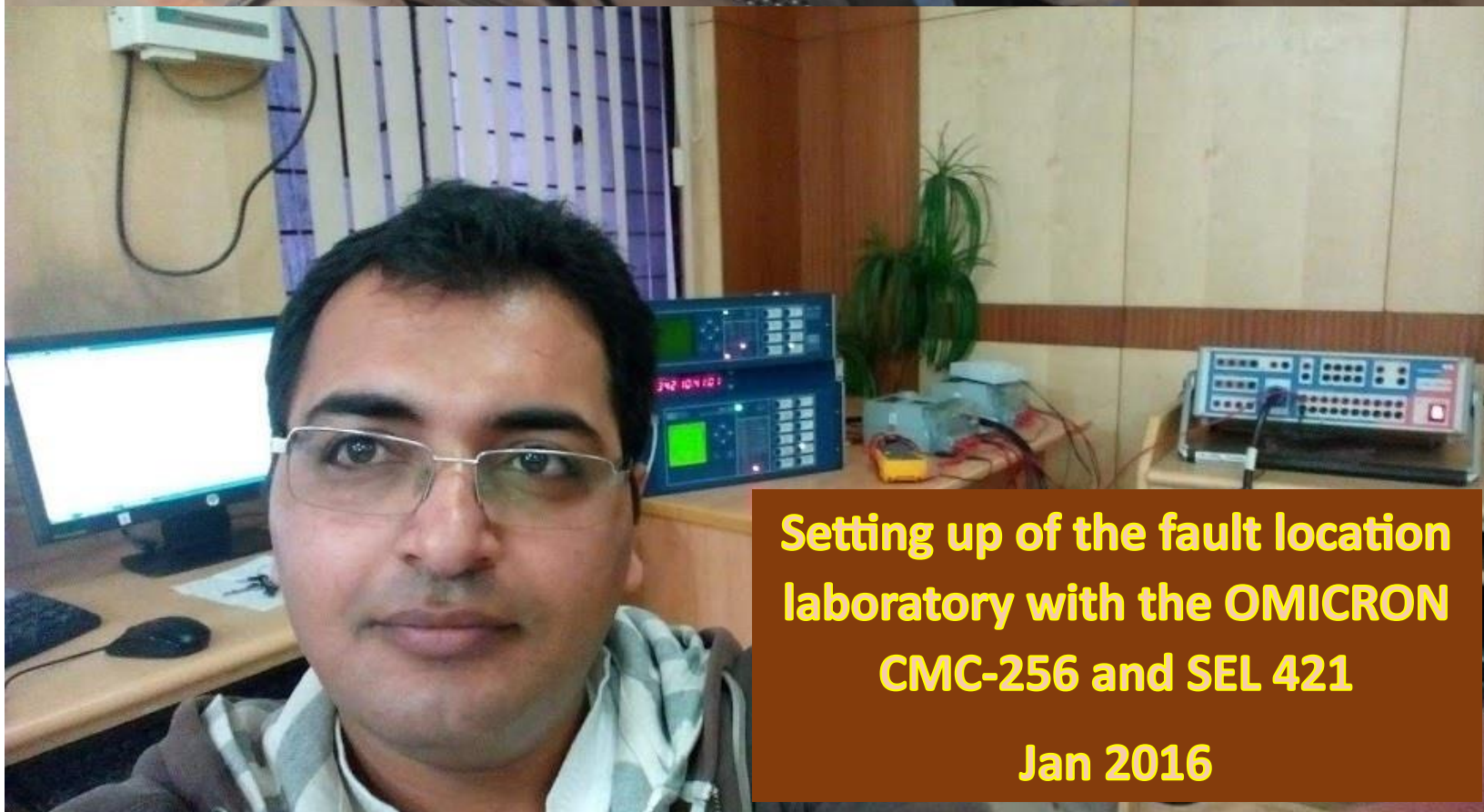
## SIPROTEC 5, Shiraz

June 2024



# Substation Automation System

## June 2023



Setting up of the fault location  
laboratory with the OMICRON  
CMC-256 and SEL 421

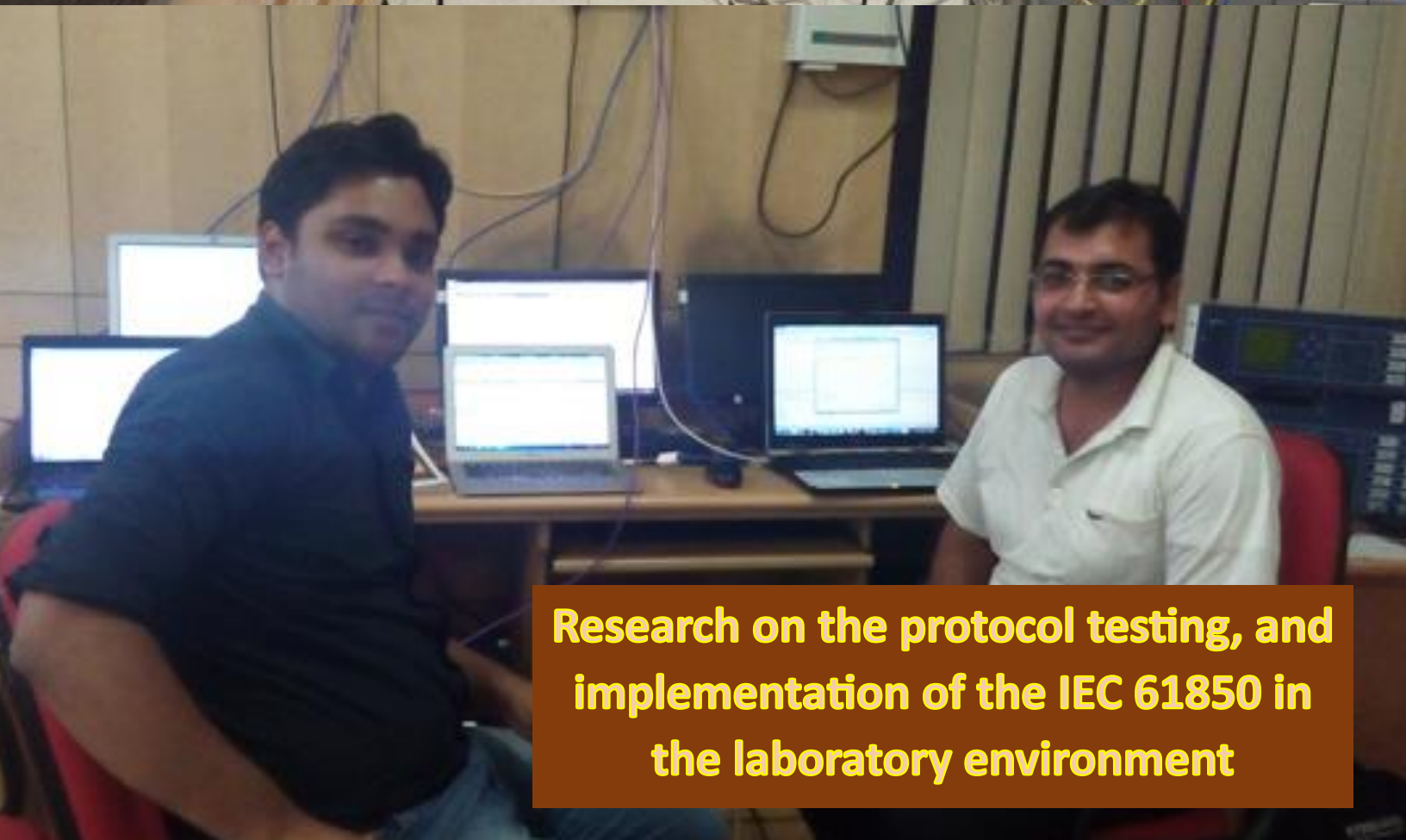
Jan 2016



**ABB REF54, ABB REM54, and  
CAP505**

**Hormozgan**

**April 2022**



**Research on the protocol testing, and  
implementation of the IEC 61850 in  
the laboratory environment**

**IEC 61850**

**April 2018**



**Research on**

**Substation Automation,  
Power System Protection**

**Dec 2014**





**REG 670 Testing and commissioning  
April 2020**





**Relay Testing and Commissioning  
Nov 2021**



# Generator & Transformer Protection

Nov 2018





A photograph of two men standing in front of a large, multi-bay industrial control panel. The man on the left is wearing a white long-sleeved shirt and dark trousers, with his hands clasped in front of him. The man on the right is wearing a yellow long-sleeved polo shirt and blue trousers, also with his hands clasped. The control panel is light-colored and features numerous analog meters, digital displays, and control buttons. Some panels have labels like 'B12' and 'B13'. The floor is a bright green.

**SIPROTEC 5**

**Morvarid Petro Complex**

**DEC 2018**





## Relay Testing and Commissioning





We certify that

**Saeed Roostae**

Jamia Millia Islamia

has attended the following OMICRON training:

**Power System Protection Testing with the OMICRON Test Universe**

Date: 05. Dec. 2016 - 09. Dec. 2016

Location: New Delhi, India

Trainer: Fadi Zafari

Thank you for your participation.

OMICRON

Course ID: IN-S16-005



Innovati



DEPARTMENT OF ELECTRICAL ENGINEERING  
**JAMIA MILLIA ISLAMIA, NEW DELHI**



GLOBAL INITIATIVE OF ACADEMIC NETWORKS



Ministry of Human Resource Development  
Government of India

**GLOBAL INITIATIVE OF ACADEMIC NETWORKS (GIAN)**

*Certificate of Participation*

This is to certify that Prof./Dr./Mr./Ms. **SAEED ROOSTAE**  
from **JAMIA MILLIA ISLAMIA, NEW DELHI** participated in the MHRD- GIAN course  
on **CONTROLS FOR RENEWABLE ENERGY AND MICROGRIDS** during May 29- June 3, 2016.

Vice-Chancellor, JMI

Local Coordinator, JMI

Course Coordinator, JMI

	Course Name	Hours	Year
1	Power System Protection Testing with the OMICRON Test universe, Omicron Academy, India	40	2016
2	Advances in Power Electronics & Renewable Energy Sources, GIAN Course, JMI, New Delhi, India	15	2017
3	Recent Trends in Power System Reliability Evaluation: Models and Applications	15	2017
4	Control for Renewable Energy and Micro-grids, Grade A, GIAN Course, JMI, New Delhi, India	17	2016
5	PLC and SCADA, IIT Delhi & CETPA, Noida, India	16	2016
6	Power Quality, IEEE workshop in IIT Delhi Section	8	2015
7	Labview, IEEE workshop in NSIT Delhi section	16	2015
8	Home Automation, REES52 in IIT Delhi	16	2015
9	Web Designing, REES52 in IIT Delhi	16	2015
10	Design of solar systems, Grade 90 of 100	175	2013
11	Smart home, Grade 86 of 100	50	2013
12	Design and analysis of AVR Microcontroller, Grade 96 of 100	272	2013
13	Design of Pneumatic controller, Grade 95 of 100	50	2013
14	Design and analysis of PIC Microcontroller, Grade 96 of 100	250	2013
15	Introduction to Fiber Optics, IRAFA Management & Industry Group	2	2013
16	Vehicle maintenance, Grade 76.5 of 100,	160	2012
17	Computer network	20	2011
18	Microcontrollers in Robotics, grade 93 of 100	122	2010
19	Robotic Hardware, A-rank, grade 96 of 100,	90	2010
20	Fundamentals of Robotics, grade 86.5 of 100,	136	2010
21	PLC Operator (1 <sup>st</sup> Rank), grade 71 of 100	186	2008
22	Design and analysis of Microcontroller circuits, 87 of 100,	350	2008
23	PLC Operator (2 <sup>nd</sup> Rank), grade 87.5 of 100	342	2007



**ABB & SIEMENS Relays**  
**PCM600 & DIGSI 4**  
**April 2018**





## ACADEMIC BACKGROUND & Publications

**Ph.D. in Electrical Engineering**, Electrical Engineering Department, Jamia Millia Islamia (www.jmi.ac.in), Delhi, India.

**Thesis Topic:** “Reliability and availability assessment of transmission line protection functions based on IEC 61850 standards”.

**Supervisor:** Prof. Mini S Thomas and Prof. Shabana Mehfuz

**GPA:** 197/250 (79%)

2014-2018

**M.Tech. in Electrical Engineering**, Electrical Engineering Department, Islamic Azad University, Najafabad Branch (www.en.iaun.ac.ir), Najafabad, Isfahan, Iran.

**Thesis Topic:** “Implementation of Object Oriented modeling in the horizontal communications of Substation Automation System (GOOSE Applications) Using IEC 61850 standard”, **Grade:**19.5/20;

**Supervisor:** Prof. R. Hooshmand and Prof. M. Ataie

**Overall GPA:** 16.88/20 (84%)

2009-2011


**B. Tech. in Electrical Engineering**, Power and Water Industry, University of Applied Sciences and Technology, Shiraz, Iran.

**Thesis Topic:** “Distributed control system in substation automation system”, **Grade:** 19/20

**Supervisor:** Dr. Mehdi. Asadi


**Overall GPA:** 16.51/20 (83%)


2004-2008



**Saeed Roostae**

PhD in Electrical Engineering, [JMI](#)  
Verified email at [st.jmi.ac.in](mailto:st.jmi.ac.in)  
IEC61850 Substation Automation Sytem



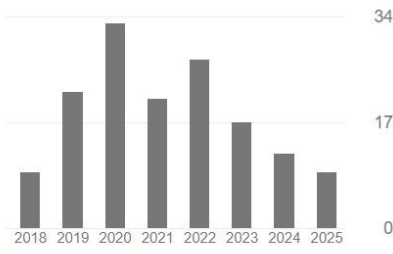


TITLE	CITED BY	YEAR
<a href="#">Experimental studies on impedance based fault location for long transmission lines</a> S Roostae, MS Thomas, S Mehfuz Protection and Control of Modern Power Systems 2 (2), 1-9	66	2017
<a href="#">Substation automation system using IEC 61850</a> S Roostae, R Hooshmand, M Ataei 2011 5th International Power Engineering and Optimization Conference, 393-397	50	2011
<a href="#">Performance evaluation of IEC 61850 GOOSE-based inter-substation communication for accelerated distance protection scheme</a> MAAftab, S Roostae, SM Suhail Hussain, I Ali, MS Thomas, S Mehfuz IET Generation, Transmission & Distribution 12 (18), 4089-4098	48	2018
<a href="#">Substation Automation System</a> S Roostae 6th International Conference on Technical and Physical Problems of Power ...	6	2010
<a href="#">Reliability Comparison of Various Power Substation Automation based on IEC61850</a> S Roostae, S Mehfuz, MS Thomas, M Jamil International Journal Series in Engineering Science (IJSES)(ISSN: 2455-3328 ...	4	2017
<a href="#">Traveling-Waves-Based Ground Fault Location Using Zero-Sequence Detection and Wavelet Transform</a> S Roostae, S Mehfuz, MS Thomas, M Jamil Journal of Electrical Engineering, Electronics, Control and Computer Science ...	2	2017
<a href="#">Laboratory Investigation of Fault Location in Transmission Lines</a> S Roostae, MS Thomas, S Mehfuz Journal of Electrical Engineering, Electronics, Control and Computer Science ...	1	2017
<a href="#">Transmission Line Differential Protection Based on Microprocessor Relays</a> S Roostae, MS Thomas, S Mehfuz International Journal Series, Archives of Electronics and Electrical ...	1	2016
<a href="#">Transformer Tap Changer using IEC61850</a> S Roostae, R Hooshmand, M Ataei 7th International Conference on TPE (ICTPE-2011)	1	2011
<a href="#">Substation Optimization Using IEC61850 with Hard Fiber in Substation Automation System</a>	1	2011

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Rahmat-Allah Hooshmand  
Professor, Department of Electric...



Sider: Chat with all AI models (DeepSeek, Gemini, Claude, etc.)



who is Dr. saeed roostae

Sider Fusion

Dr. Saeed Roostae is a distinguished electrical engineering professional known for his expertise in power system protection, automation, and relay IEDs. He is a highly experienced trainer who has delivered impactful education on advanced protection systems, including practical work with relay devices from various leading manufacturers like Siemens, ABB, SEL, GE, and Schneider Electric.

He holds a Ph.D. in Electrical Engineering from Jamia Millia Islamia, where his research focused on the reliability and availability of transmission line protection functions based on IEC 61850 standards. Alongside his academic qualifications, he has hands-on experience in testing, commissioning, and analyzing power system protection schemes using advanced tools and protocols.

Saeed's deep knowledge, combined with his practical insights, makes him a respected figure in the field of power system protection and automation, actively contributing as a trainer and expert. Would you like to know more about his specific work, publications, or training offerings?

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