

Organizing Committee

Chief Patron

Prof. (Dr.) Navin Sheth

Vice-Chancellor, GTU

Patron

Dr. K.N.Kher

Registrar, GTU

Convener

Dr. A.M.Prabhakar

Principal GPERI

Registration

Limited Participation – First Come First Serve Basis

Registration Starts: March 05, 2022

Last date of Registration: March 25, 2022

Registration Charges:

Participants	Fee
U.G & P.G Students	Rs. 200/-
Ph.D. Scholars	Rs. 300/-
Faculty from Academia	Rs. 500/-
Industry persons	Rs. 1000/-

Registration charges include tea, lunch, snacks, and a registration kit. Registration fee can be paid through check or demand draft in favor of **Gujarat power engineering and research Institute** payable at **Mehsana**. Registration charges are non-refundable. Spot registration facility will also be available (only with prior approved cases).

Registration form is available on Institute website: www.gperi.ac.in

Bank Details for online payment of registration fees

Name: Gujarat Power Engineering and Research Institute

Name of Bank: Kotak Mahindra Bank Mehsana,

Account No.: 3045042554

IFSC Code: KKBK0000813

How to Apply

The applicants are required to fill online registration form for online application along with registration fees. If offline registration is preferred, participants should send their demand draft/cheque along with the registration form (Handwritten, Typed, Printed or Xeroxed) to the **Administration department, Gujarat Power Engineering and Research Institute, near Mehsana toll booth, Ahmedabad-Mehsana Expressway, Mehsana-382710.**

<https://forms.gle/kp6goidoU59BSNZs6>

The maximum number of participants is limited up to 30.

Travelling and accommodation

Participants are required to make their own arrangements for traveling and accommodation. Regular college bus of GPERI will be available on working days from Gandhinagar, Ahmedabad, Patan, and Palanpur. The accommodation facility will not be available inside the campus.

Address for Correspondence:

Coordinator

Dr. Chirag Vibhakar (Associate Professor & HOD)

Prof. Piyush Miyani (Assistant Professor)

Electrical Engineering Department
Gujarat Power Engineering and Research Institute
Near Mehsana toll booth,
Ahmedabad-Mehsana Express Way,
Mehsana-382710
M. No. +91-9722320750
Email: piyush.miyani@gperi.ac.in

Co-coordinator:

Dr. Ritesh Patel
(Mo No:- +91 6354903868)

A Three days' Workshop On "Hands-on Experience on PLC & SCADA"

March 28-30, 2022

Co-ordinators

Dr. Chirag Vibhakar

Prof. Piyush Miyani

Organized by

Electrical Engineering Department
Gujarat Power Engineering and Research Institute
(A constituent college of Gujarat Technological University)



&

Sponsored by



Department of Science & Technology
Government of Gujarat

About GTU

Gujarat Technological University (GTU) is a premium academic and research university, which has driven new ways of thinking since its 2007 founding, established by the Government of Gujarat vide Gujarat Act No. 20 of 2007. Today GTU is an intellectual destination that draws inspired scholars to its campus, keeping GTU at the nexus of ideas that challenge and change the world. The university caters to the fields of Engineering, Architecture, Management, Pharmacy, and computer science.

About GPERI



Gujarat Power Engineering and Research Institute (GPERI) which commenced in the year 2011 at village Mevad, Dist.-Mehsana, Gujarat with the approval of All India Council of Technical Education (AICTE), New Delhi, and it is managed by Gujarat Technological University (GTU), Ahmedabad. GPERI currently offers four graduate courses (Civil, Computer, Electrical, and Mechanical) in engineering and provides research opportunities in related branches. GPERI is equipped with the state-of-the-art laboratories and infrastructure, well-experienced staff, and open-source resources in the library to cater to the needs of high skilled employable engineers to the industry.

About the Department

Electrical Engineering Department was established in the year 2011. It offers a four-year degree program of B.Tech in Electrical Engineering with an intake of 30 students. The electrical engineering department is enriched with a well-equipped laboratory and classroom with projector facilities. Our faculty members are specialized in Power Electronics & Drives and Electrical Power Systems. As we know, electricity is an inevitable part of our lives. Nowadays, due to the depletion of fossil fuels and the increase in pollution, the world has started adopting renewable energy sources such as

solar photovoltaic systems. Electrical vehicles are also starting due to the increase in the rate of fuel. Thus, the skills required are changing day by day for the engineers to fit in the industry. To match with the changed structure of power generation, the institute has two extraordinary centers namely the anchor institute of solar energy (AISE) and solar research and development laboratory (Solar R & D) where students will learn all the practical aspects of renewable energy sources., the institute has a Siemens center of excellence. The center is fully equipped with practical setups for hands-on training where the students can undergo additional courses such as PLC, SCADA, Process and Instrumentation, Low voltage switchgear free of cost. The departments have well-qualified faculty members having M.E/M.Tech and Ph.D. from reputed Institutes.



About the Workshop

Industrial automation use control system like computer and robot to monitor and handle control process and machine. Automation is now a day is widely adopted because of the zero-defect goal for the industry. Industrial automation also provides benefits of (1) Reduction of labors intensive effort (2) preventing material from damage (3) enhancing efficiency (4) collecting data for the analysis and decision making (5) saving money as well. Industrial automation has played a vital role in the development of the nation, in the GDP growth of the nation. In this workshop, various topics related to the process of automation with the PLC and SCADA will be discussed. With this background, a workshop on “**Hands-on Experience on PLC, & SCADA**” is being organized for undergraduate, postgraduate students, engineers, designers from various consultancies.

The main objective of the workshop is disseminating relevant information on the programming of PLC and

building SCADA screens and interfacing with PLC. The course will bring together established experts, students, and professionals involved in industrial automation and from multidisciplinary departments to discuss on the recent application of PLC and SCADA in industrial automation. The program will open up new vistas for industrial automation with PLC and SCADA for the working engineers and designers

Who should attend?

- Academicians from college and Universities
- UG and PG Students, Research Scholars
- Industrial Professions

Registration Form

A Three days' Workshop On Hands on Experience on PLC & SCADA

March 28-30, 2022

Organized by

**Electrical Engineering Department
Gujarat Power Engineering and Research
Institute**

Full Name: _____

Designation: _____

Department: _____

Organization with address: _____

Academic Qualification: _____

Experience (Yrs):Teaching_____ Industry____

Phone (official): _____

Mobile: _____

Email: _____

Name of the Bank/DD or Cheque No:

Signature of Applicant