

Proposed topics

- Standard architecture of PLC
- Introduction of PLC hardware
- Working with TIA V13 in PLC
- Creating the project and configuring hardware
- Working with different views
- Working with OB block
- Working with FC block
- Working on basic instruction
- Working on comparator operation
- Licensing concept in PLC

Organizing Committee

Chief Patron

Dr. Shrikant J. Wagh

Principal, Gujarat Power Engineering & Research Institute

Organizing Chairman

Prof. Mahesh Patel

Head, Department of Electrical Engineering

Advisory Members:

Mr. Parth Kothari, Technical Engg., DesignTech Sys Ltd.

Mr. Sanjay Prajapati, Technical Engg., DesignTech Sys Ltd.

Registration

Limited Participation – First Come First Serve Basis

Registration Starts: April 05, 2018

Last date of Registration: April 27, 2018

Registration Charges:

Participants	Fee
U.G & P.G Students	Rs 1000/-
Diploma Students	Rs 500/-
Students of GPERI	Rs 500/-

Registration charges include tea, lunch, snacks and registration kit. Registration fee can be paid through cheque or demand draft in favour 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

forms are also available on Institute website:

www.gperi.ac.in

* Account Details are:

Name: Gujarat Power Engineering and Research Institute

Account No.: 31904929231

Bank and IFSC Code: SBI-Mehsana, SBIN0007466

* **Phonepe or Tez can also be used as Payment Method.**

Mobile No.: 7621861989 (Prof. Ravi Upadhyai)

Mention your name in description for verification purpose.

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 registration form (Hand written, Typed, Printed or Xeroxed) to **Administration department, Gujarat Power Engineering and Research Institute, near Mehsana toll booth, Ahmadabad-Mehsana Expressway, Mehsana-382710.**

Maximum number of participant limits up to 30. List of final candidates and STTP schedule will be available online at www.gperi.ac.in and through mail by 01 May, 2018.

Registration Link

<https://goo.gl/forms/gtfyJ6XzKUzk23uS2>

Travelling and accommodation

Participants are required to make their own arrangements for travelling and accommodation. Regular college bus of GPERI will be available on working days. No accommodation facility is available inside campus.

Address for Correspondence:

Coordinator

Prof. Deepak Joshi, Prof. Piyush Miyani,

Department of Electrical Engineering

Gujarat Power Engineering and Research Institute

Ahmadabad-Mehsana Express Way, Mehsana-382710

+91- 9928796754

Email: deepak.joshi@gperi.ac.in

For Queries Contact:

Student Coordinator:

Mr. Pratik Sharma - 9904736765



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ONE WEEK

SHORT TERM TRAINING PROGRAM

for

Electrical Engineering Students

On

**Programmable Logic Controller
(PLC)**

On

May 15-19, 2018

Co-ordinators

Prof. Deepak Joshi
Prof. Piyush Miyani

Organized by

Department of Electrical Engineering
Gujarat Power Engineering and Research Institute

About GPERI

Gujarat Power Engineering and Research Institute (GPERI) established in the year 2011 by **Gujarat Power Corporation Limited** (PPP mode) under the directive of Department of Technical Education, Government of Gujarat. The vision of GPERI is to be an internationally renowned Institution by imparting excellent education and training based upon modern industry and research needs. This objective is being addressed through a number of specialized and well planned under-graduate energy education programs funded by GEDA, GUJCOST, GPCL, CED, DST and UGC. GPERI has established **Siemens Center of Excellence (SCoE) in "Industrial Automation"** in association with Government of Gujarat; Siemens Industry Software India Pvt. Ltd., Design Tech Systems Ltd. with intention of research initiatives. **Siemens Center of excellence (COE) in Industrial Automation** is novel part of department. COE is fully equipped with high tech machinery lab on **NX, Mechatronics, Rapid Prototyping, Automation and Instrumentation**.

About the Department

The department offers undergraduate program in Electrical Engineering. The program is aimed at imparting technical knowledge in the field of electrical engineering. The major subjects in electrical engineering are Power Systems, Electrical Machines and Drives, Control Engineering, Analog, and Digital Electronics, Power Electronics, Micro-processors & Microcontrollers. The faculty members are well qualified and dynamic having wide range of experience in teaching and industry. The laboratories are well equipped and are planned to provide testing and consultancy services to the industries.

About SCoE

Industries Commissionerate, Government of Gujarat; Siemens Industries Software (India) Pvt. Ltd.; DesignTech Systems Ltd., India; and Gujarat Power Engineering and Research Institute (GPERI), Mehsana has jointly established Siemens Centre of Excellence in "Industrial Instrumentation" at GPERI with the objectives of development of latest and open technology laboratories, skill up gradation of students & professionals, promote research & development and innovation for existing industries, promote industry-academia interfacing to improve technical education in line with industry requirements.

The Centre of Excellence is equipped with the latest design, manufacturing, simulation, automation and lifecycle management state of art industrial equipments and software. The centre also has latest Computerized Numerical Controller (CNC), Programmable Logic Controller (PLC), SCADA and Computer Integrated Manufacturing (CIM) comprising of CNC milling and turning machines, Automatic Guided Vehicle (AGV), Industrial Robots, CIM controllers and software etc.

Documents to be submitted at the start of Training

1. One Passport size photograph
2. Address Proof: "Driving License / Passport / Election card / Aadhaar Card"
3. Latest Educational Certificates.
4. College ID

Who should attend

- UG and PG students
- Diploma Students

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Organized by

Department of Electrical Engineering

Name (Mr. / Ms.): _____

Designation: _____

Qualification: _____

Name of the Institute: _____

Mailing Address (with Phone & Fax No):

E-mail: _____

DD Details: Amount: _____ DD No: _____

Name of the Bank: _____

Dated: _____

Date: _____

Signature of Applicant

Place: _____