Resources at Electrical Engineering Department

Electrical Engineering department at "Shankersinh Vaghela Bapu Institute of Technology" currently offers UG, PG & Diploma program in Electrical Engineering. Department has well established laboratories in the areas of High Voltage Engineering, Electrical Machine, Power System & Control System. Department is equipped with adequate licenses of Mipower & Labview.

Address for Correspondence

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Shankersinh Vaghela Bapu Institute of Technology (SVBIT)

At Post Vasan, Gandhinagar-Mansa Highway, Dist. Gandhinagar, Gujarat-382650, India
Phone: +91 9825549973
Fax: +91-79-23976172
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Resource Persons

Shri. Rohit Sher
(Assistant Manager-Training)

Chief Patron

Shri Shankersinh L. Vaghela

Patron

Shri Mahendrasinh S. Vaghela
Shri Bharatsinh S. Vaghela
Dr. Umesh Keshkar (Director)

Convener

Dr. A.C. Suthar (Principal)

For Whom

The program will be useful to the Electrical, Electronics & Communication and Instrumentation Engineering students, Diploma Engineering Students & ITI students who want to build their carrier in the field of Automation. PLC-SCADA is excellent tools which is widely accepted by industry and academia for doing research and develop computer based control systems.

How to Apply

Registration Starts: June 15, 2024
Last date of Registration: August 22, 2024
Registration Charges: 3990/- Rs. only
Registration charges are to be paid in the account section via a demand draft (or cash) in favor of "Shankersinh Vaghela Bapu Institute of Technology, (Collection Account)" payable at Ahmedabad. Registration charges are non-refundable. Those who would like to pay registration charges via cash can submit to the program coordinator
Confirmation of Participation: August 24, 2024 via e-mail/mobile message.

Gujarat Technological University
Center for continuing Education (GTU-CCE)

Short Term Training Program On "PLC-SCADA Programming"

August 27, 2024 onwards (45 hours)

Coordinators

**Prof. Kinal Patel
&
Prof. Chetana Mishra**

Organized by

**Electrical Engineering Department
Shankersinh Vaghela Bapu Institute of Technology (SVBIT)**

About the GTU

Gujarat Technological University is a premier academic & research institution 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. GTU is a State University with 486 affiliated colleges in its fold operating across the state of Gujarat through its five zones at Ahmedabad, Gandhinagar, Vallabh Vidyanagar, Rajkot and Surat. The University caters to the fields of Engineering, Architecture, Management, Pharmacy and Computer Science. The University has about 4,00000, students enrolled in a large number of Diploma, Under Graduate, Post Graduate programs along with the robust Doctoral program.

About the Campus

The Bapu Gujarat Knowledge Village (Bapu GKV) established in 2009 to promote professional education in Gujarat and particularly in and around Ahmedabad - Gandhinagar region. The trust and educational institutes for Engineering and Pharmacy are promoted and managed under the guidance of Managing Trustee Shri Shankersingh Vaghela, Leader of Opposition- Gujarat Assembly & MLA (Kapadvanj), Ex. Chief Minister of Gujarat, Ex. Union Minister of Textile, Govt. of India, a hugely popular leader who is known for his pioneering efforts aimed at societal development. The Bapu Knowledge Village spread in 40 acre land at Vasan, Gandhinagar with its all stone architecture, lush verdant woods and landscaped gardens provides an idyllic environment to engage in academic and learning. Institute has word class infrastructure that facilitates excellence in teaching, research, consulting and other professional activities. Institute strives to achieve excellence through partnership with Industry, and leading academic Institutions, in Gujarat. Bapu GKV's mission is to "Build leaders through holistic, transformative and innovative education'.

About the Institute

Shankersinh Vaghela Bapu Institute of Technology (SVBIT) was established in the year 2009 with the approval of AICTE and affiliated to Gujarat Technological University (GTU). The college is situated on Gandhinagar –Mansa road, about 7 kms from Gandhinagar, in a sprawling 40 acre lush green campus. The SVBIT is adorned with a vast collection of books and journals. The SVBIT works with a view to provide opportunity to the aspirants, especially in Gujarat for its training in technical education and to provide consultancy and testing facilities to the industries / organizations located in this area and to join hands with Govt. of India in generation of technical manpower. The college provides an environment which is not only pollution free but is also immensely suited for the holistic growth and the development of the students.

Objectives of the Program

- This course is to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the PLC programs & latest technologies being used in Industries.
- Understand automation technologies and identify advantages, limitations and applications of the same.
- Develop ability to recognize, articulate and solve industrial problems using automation technologies.

Course Topics

- Understanding of Industrial Automation
- Understand the basics of PLC programming
- What is PLC / SCADA?
- Working of PLC
- Understand the different parameters of PLC
- Design different process control applications through ladder logic
- Analyze & explain different functions of PLC, PLC wiring, Troubleshooting of PLC
- SCADA design for Plan process monitoring and controlling

- Communication between PLC – SCADA
- Build and experiment with PLC based SCADA systems for various industrial applications.

Outcome of the Program

- This course includes 100% hands-on training as per the industry need.
- Certificate will be issued by GTU after successful completion of course.
- Certificate holder will have advantage to get placement by Sofcon India Pvt. Ltd.

Bapu Gujarat Knowledge Village

Electrical Engineering Department

REGISTRATION LINK

https://forms.gle/danFNejMYGyQY4GK6

Or Scan QR code:

Participants have to register themselves using the above link before 22 August, 2024.