

## Registration form

Five days training  
on

“Programmable Logic Controller and Sensors”

20<sup>th</sup> - 24<sup>th</sup> May, 2019

Name and Address of the applicant: \_\_\_\_\_

\_\_\_\_\_

College/Organization: \_\_\_\_\_

Gender: M/F \_\_\_\_\_

Qualification: \_\_\_\_\_

Experience: \_\_\_\_\_

Designation: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

Accommodation required (Y/N): \_\_\_\_\_

Address of sponsoring authority: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature of applicant

The applicant may be permitted to participate in the above program if selected.

Signature of Head of the Institution with Seal

## Organizing Committee

Chief Patron

Dr. D. R. Shah,

Provost & CEO,

Uka Tarsadia University

Patron

Dr. R. V. Patil,

Director,

C. G. Patel Institute of Technology - Bardoli.

Convener

Mr. Jayesh Jariwala

Asst. Professor,

C. G. Patel Institute of Technology - Bardoli.

Programme Coordinators

Mr. Keyur C. Patel, Mr. Keyur Surati, Mr. Jay Patel,

Mr. Manish Nakrani,

Assistant Professor

C. G. Patel Institute of Technology - Bardoli.

Nearby Places to Visit

1. Statue of Unity, 135 km from UTU Maliba campus
2. Sardar Patel museum, Bardoli, 8 km from UTU Maliba Campus
3. Mahal Campsite, Dang, 86 km from UTU Maliba campus
4. Saputara Hill Station, 115 km from UTU Maliba Campus

Five days basic training on

“Programmable Logic Controller  
and Sensors”

20<sup>th</sup> - 24<sup>th</sup> May, 2019



Organized by

Maya Tarsadia Industrial Automation

Research and Development Center,

Chhotubhai Gopalbhai Patel Institute of Technology

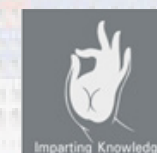
UKA Tarsadia University

Bardoli - Mahuva Road, Dist-Tarsadi

Surat-394350

<https://cgpit-bardoli.edu.in>

<http://utu.ac.in>



## About the University

**B**ardoli Pradesh Kelavani Mandal (BPKM) is a public trust established in 1960 to cater to the educational needs of the tribal belt of South Gujarat region. Academic programs across the disciplines of Management, Computer Science, Engineering and Technology, Bio Technology, Micro Biology, Science, Pharmacy, Commerce, Nursing, Physiotherapy, Architecture and institute of Sports were established in the campus. In 2008, Maliba campus became fullfledged Uka Tarsadia University. The university provides educational opportunities to over 10,000 students. More than 500 faculty members of the university represent an eclectic mix of professional and academic, national and international experiences. University achieved NAAC Accreditation with B+ (CGPA 2.74) in March 2019.

## About the Host Institute

**C**hhotubhai Gopalbhai Patel Institute of Technology (CGPIT), a constituent institute of Uka Tarsadia University, Bardoli, is approved by AICTE, New Delhi. Each year, we welcome thousands of students from all over Gujarat and cater their educational needs with a wide variety of Diploma, Undergraduate, Post-graduate and Doctoral programmes in Engineering. Studying at CGPIT offers the students an academically excellent learning solution with a strong practical and practice orientation. With an attempt to provide the students a high level of competence, the institute has developed student-exchange programme with foreign institute.

## About the Center

**T**he present engineering industries are rapidly moving to adopt Industry 4.0 approach. The element of automation is obvious in present engineering practices too! Uka Tarsadia University is committed to be inline with cutting edge technology and practices. The motive of establishing the “Maya Tarsadia Industrial Automation Research and Development Center” was to make beneficiaries aware of the industrial automation which is the need of an hour. The beneficiary of this center will be students, faculties and people from industries. It would be the best solution to bridge and narrow down the gap between industry and academia. This will corroborate the theoretical knowledge with actual industry practices too!

For more details, <https://cgpit-bardoli.edu.in/bosch-lab/>

## Resource Persons

**T**rainers are from CGPIT faculties. Who underwent rigorous training in PLC and sensors by Rexroth BOSCH professionals. Many have industrial background and industrial exposure too!

## Eligibility

- Final year students having science background with PCM group
- Diploma final year students
- Third year onwards students of Mechanical and Electrical sister branches
- M.Tech. students irrespective of branches
- Teaching faculties, Corporate/Industries employee

## Topics to be covered

- Basic concepts of PLC
- Hardware overview of Indracontrol PLC's and supported modules
- Technical specification of Indracontrol PLC and supported modules.
- Programming of Indracontrol PLC's
- Troubleshooting of Indracontrol PLC's
- Project Development in Indralogic
- Logic development with ladder diagram
- Magnetic, Inductive, Capacitive, Photoelectric and Ultrasonic sensors
- Application and limitation of sensors
- Interfacing with PLC and Hydraulics
- Interfacing with PLC and Pneumatics

## Registration details

Students	: 2500/-
Academician	: 4000/-
Industry personnel	: 5000/-

(Participant from UTU will get 50% discount)

(Payment can be done by cash or by DD favoring Uka Tarsadia University”.)

Registration charges include High tea, lunch and course material.

Accommodation is chargeable and is on first come first serve basis. For more information contact Mr. Jayesh Jariwala on +9198252 83339