

## Registration Form

**CTE approved**  
**Short Term Training Programme on**  
**“Hands on experience on Siemens**  
**AC-DC Drives & PLC”**  
**12<sup>th</sup> June 2017 to 16<sup>th</sup> June 2017**

Name: \_\_\_\_\_

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

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Date of birth: \_\_\_\_\_ Experience: \_\_\_\_\_

Main courses taught:

1. \_\_\_\_\_ 2. \_\_\_\_\_

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

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

Demand Draft (DD) No.: \_\_\_\_\_

Dated: \_\_\_\_\_

Drawn on (Bank): \_\_\_\_\_

Rs. \_\_\_\_\_

Date \_\_\_\_\_ Signature of applicant

### SPONSORSHIP CERTIFICATE

Shri/Smt. \_\_\_\_\_ has  
been officially deputed for the above mentioned S.T.T.P.  
to be conducted at L.D. College of Engg. Ahmedabad

Signature of sponsoring authority with office seal

## HOW TO APPLY

The training is approved by CTE, Gandhinagar. The complete application, forwarded through competent sponsoring authority, along with Demand Draft in favour of “Principal, L. D. College of Engineering Ahmedabad” payable at “Ahmedabad” must reach to

**The Head of Electrical Engineering Department**  
**L. D. College of Engineering, Block – 2 ,**  
**Ahmedabad-380015.**

**(M): +919408967676,+919824094727,+919998968842**

E-mail : dishang.trivedi@gmail.com  
mrvgecs@gmail.com

(Scanned copy of registration form and DD can also be sent in advance to above email ID)

## IMPORTANT DATES

Last date for submission of application: **03-06-2017**

Date of intimation of selection: **08-06-2017**

## NUMBER OF CANDIDATES

Maximum number of participants is restricted to **30**.

## FEES

Academician/Research Scholar/PG Students - Rs. 1700/-  
Professionals from industry and research organization –  
Rs. 4000/-

Fees for the STTP shall be accepted only through Demand Draft in favour of “Principal, L. D. College of Engineering, Ahmedabad” with application form. Application form will not be considered without Demand Draft. Cheque / Cash will not be accepted.

## VENUE

**AC-DC drives and PLC laboratories,**  
**Center of Excellence**

L. D. College of Engineering, Ahmedabad-380015.



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**Short Term Training Programme**

**on**

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**AC-DC Drives & PLC”**

**12<sup>th</sup> June 2017 to 16<sup>th</sup> June 2017**

**Organized by**

**Electrical Engineering Dept.**

**L.D. College of Engineering Ahmedabad, Gujarat**

**Coordinator:**

**Prof. (Dr.) M. C. Chudasama**

**Co-coordinators**

**Prof. Dishang D. Trivedi - Associate Professor**

**Prof. Mihir R. Vasavada - Assistant Professor**

**Electrical Engineering Dept.**

**L.D. College of Engineering, Ahmedabad**



## L.D. COLLEGE OF ENGINEERING

It is a premier engineering college in Gujarat State set with the objectives of imparting higher education in various fields of engineering. The institute is affiliated to Gujarat Technological University and administrated by Department of Technical education, Gujarat State. Sheth Shri Kasturbhai Lalbhai established institute in 1948 with generous donation. It is situated adjacent to Gujarat University and at nucleus of various national level institutes like PRL, ATIRA, ISRO, IIM etc. The campus consists of buildings for various departments, offices, hostels and library with 64,565 Sq. Meter built up area. The institute made a modest start with 75 students for undergraduate programs in 1948, post graduate programs in 1954. At present institute runs 14 undergraduate, 17-post graduate and 4 part-time programmes.

## ELECTRICAL ENGINEERING DEPARTMENT

It is one of the oldest and most reputed department of the institute. The department is well equipped with the state-of-the-art laboratories containing wide range of the latest and the most standard instruments and equipment for not only betterment of the students but also for efficacious utilization in testing arena. The department always aims at all-round development of the students under conscientious guidance and mentoring of Prof. (Dr.) M. C. Chudasama and sincere efforts of faculty members. The department has grabbed many remarkable testing / consultancy projects in the field of electrical machines, HV cables, panel testing etc.

## ABOUT STTP

The training aims to cover the hands on experience on Siemens AC-DC Drives & PLC. It will cover the topics of syllabus of electrical engineering of GTU. This program is to enrich the knowledge of the participants regarding the recent trends in Siemens AC-DC drives and PLCs. This STTP will give in-detail exposure to AC-DC drives and application of various PLCs for control of drives. The STTP will give glimpses to research issues in the field of AC-DC drives.

## COURSE CONTENT

- ) Basic fundamentals of Drives
- ) Concept of DC Drive in details
- ) Parameterization of Siemens 6RA80 DC Drive
- ) Features of SINAMIC DCM DC Drive
- ) Introduction, parameterization, Wiring, Application, Hands on Practices
- ) AC MOTOR AND AC DRIVE
- ) Concept of AC Drive in details
- ) Important features of Siemens AC Drive G120
- ) AC Drive & its industrial Application
- ) Features of SINAMIC G-120 AC Drive
- ) Introduction, parameterization, Wiring, Application, Hands on Practices
- ) Parameterization, of Ac Drive and DC Drive Using Starter Software
- ) Introduction of PLC
- ) Hardware Configuration of Siemens S71200 and S7 300 PLC
- ) Programming on SEIMENS PLC
- ) PLC To Drive Communication
- ) Control Of Drive Using PLC

## EXPERTS

- ) Lecture sessions & laboratory sessions will be conducted by faculties of Designtech system Ltd at C.O.E. Laboratories.

## INSTRUCTION TO PARTICIPANTS

- ) Fees for the STTP shall be accepted only through Demand Draft with application form.
- ) No accommodation will be provided to the candidate
- ) No TA/DA will be paid to any participant.
- ) Candidates are requested to bring their own laptops for better experience of hands-on exercises.
- ) Course fee inclusions: Registration kit, tea and lunch.

**For further information please contact:**

**Prof. (Dr.) M. C. Chudasama**  
**Head of the Department**  
**Electrical Engineering Department**  
**L. D. College of Engineering**  
**Navrangpura**  
**AHMEDABAD-380015**  
**(M) 9408967676**  
**Email: ldce.ee.coe17@gmail.com**

## PATRON

**Dr. G. P. Vadodaria**  
**Principal**  
**L. D. College of Engineering**  
**Navarangpura, Ahmedabad-15.**

## Supported by

