

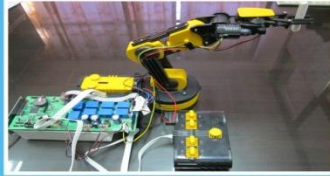


**Two Days Faculty Development Program on  
PLC - Robotics & Automation  
on 23<sup>rd</sup> & 24<sup>th</sup> January 2016**

To, \_\_\_\_\_  
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From  
**Shanti Education Society's  
A.G. Patil Institute of Technology, Solapur**  
18/2/2 A, Pratap Nagar, Vijapur Road,  
Opp. SRP Camp, Solapur - 413008. (MAHARASHTRA)  
Tel.: 0217-2342499 / 6452989 - Fax : 0217-2342220/21  
E-mail : [contact@agpit.edu.in](mailto:contact@agpit.edu.in)  
Website : [www.agpit.edu.in](http://www.agpit.edu.in)



Shanti Education Society's  
**A.G. Patil Institute of Technology, Solapur**  
ISO 9001: 2008 CERTIFIED (LMS-DAC)



**The Institution of Engineers (India)**  
SOLAPUR LOCAL CENTRE



**Two Days Faculty Development Program on  
PLC - Robotics & Automation  
on 23<sup>rd</sup> & 24<sup>th</sup> January 2016**

Organized by  
**Electronics and Telecommunication Engineering  
& Mechanical Engineering Department**



Venue  
**Computer Centre  
A.G. Patil Institute of Technology, Solapur**  
18/2/2 A, Pratap Nagar, Vijapur Road,  
Opp. SRP Camp, Solapur - 413008. (MAHARASHTRA)  
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**ABOUT INSTITUTE**

Institute established in 2008 under Shanti Education Society, with revolutionary ideas and ample innovativeness to provide a world class education in the field of Engineering and Technology in Solapur region. Institute is approved by AICTE New Delhi & DTE, Mumbai, affiliated to Solapur University, Solapur. Institute offers UG Programs in Civil, Mechanical, E&TC & Computer Engineering and PG in Manufacturing Process Engg.

The Campus is sprawling over 15 acres located on the outskirts of Solapur with beautiful landscapes, state of art infrastructure, Well Equipped Laboratories, Workshop, Auditorium, Seminar Halls, Library, Computer Centre with internet connectivity, Hostel, Indoor outdoor Sports facilities & all basic amenities. Institute is providing all facility to students as well as faculty for better teaching & learning in Engineering perspective. Highly Qualified & Experienced staff. Spacious ventilated & Modern classrooms with latest Teaching aids. Well equipped laboratories with latest equipments and advanced machineries in workshop with CNC Machines. Wi-Fi connectivity to whole campus with advance Computer Centre Soft Skills Training for students. ROUV Purified drinking water facility Campus under CCTV surveillance. Industry institute interaction Campus placement by reputed companies. Rich Entrepreneurship Cell, Bus Facility

**Highlights** • University First Rankers in Graduation & Post Graduation Courses  
• 70% Placement in Campus

**About IEI-SLC**

IEI Solapur Local Centre is established on 22nd August 2010 with 12 divisions and 440 corporate members are attached to it. Three Student chapters are working under IEI - SLC at Engineering and Polytechnic colleges. AMIE students are guided from submission, attestation and support. AMIE section "A" students can avail study material and library facility at local Centre.

**ABOUT PROGRAM**

The faculty teaching PLC is responsible for teaching assignments including classes, off campus visits, especially industry partner locations. It requires designing of a remote programmable logic controller (PLC) laboratory for Electronics, Electronics & Telecommunication, Mechanical & Mechatronics Engineering. PLC finds application in industries having problems related with noise, vibration, extreme temperatures & humidity, automation controls design, implementation & optimization. The resource person Dr.Prof. Y.S. Rao for this program is a renowned personality in the field of automation. He has conducted short term courses to UG/PG students & STTP. Along with academics, he is working as an expert lecture/ guest faculty to institutions like NITIE Powai. He is also working as consultant & corporate trainer to the organizations like Siemens. The content of program includes.

Introduction to Robotics & Automation. Software & Hardware co-design. Networking system together. Identifying and solving software logic. Performing hardware or software conversions or upgrades. Computational Technologies Human Machine Interface Programmable Logic Controller (PLC) Minimum System Design Interfacing Relay, DC Motor, Stepper Motor, Servo Motor, Actuators Interrupts, Timers, RTC, Data acquisition ADC & DAC, Communication & Blue tooth.

**PATRONS**

Shri. A. G. Patil President  
Shri S. A. Patil Secretary

**ADVISORY COMMITTEE**

Prof. M.A. Chougule Campus Director  
Prof. Dr. S.A. Patil Principal  
Prof. V.V. Potdar Vice Principal  
Er. H.N. Somani Founder Chairman IEI-SLC  
Prof. C B Nadagouda Chairman IEI-SLC  
Er S. A. Jeurkar Hon. Secretary, IEI-SLC

**ORGANIZING COMMITTEE**

Prof. S.R. Sakhare HOD. E&TC Dept. & Event Co-ordinator  
Prof. M.A Khureshi HOD. CSE Dept.  
Prof. T.D. Masalekar HOD. Civil Dept.  
Prof. S.B. Gadwal HOD. Mech. Dept.

**Co-ordinators**

Prof. A. S. Jirage Prof. A.I. Ambesange

**Resource Person**

Dr. Prof. Y. S. Rao Vice Principal & HOD E & TC Dept.  
Prof. Anand D. Mane Assist. Prof.  
Sardar Patel Institute of Technology, Andheri - W, Mumbai.

**SCHEDULE**

Theory	: 10.00 am - 11.00 am
Demonstration	: 11.00 am - 01.00 pm
Lunch	: 01.00 pm - 01.30 pm
Hands-on Practical	: 01.30 pm - 05.00 pm

**VENUE**

Computer Centre  
A.G. Patil Institute of Technology, Solapur

**COURSE FEES**

Faculty / M.E. Students	Rs. 700/-
Faculty / M.E. Students with I.E.I. Membership	Rs. 500/-

**REGISTRATION**

Cash can be paid on the date of workshop, Cheque or DD drawn in favour of "Principal, A.G. Patil Institute of Technology, Payable at Solapur

Confirm your registration by :  
Prof. A. I. Ambesange - Cell : 9403976921  
Prof. A. S. Jirage - Cell : 9975724679

E-mail : [contact@agpit.edu.in](mailto:contact@agpit.edu.in), Website : [www.agpit.edu.in](http://www.agpit.edu.in)  
Registration form also available on website



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PLC - Robotics & Automation  
on 23<sup>rd</sup> & 24<sup>th</sup> January 2016**

Name : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Qualification : \_\_\_\_\_  
Experience : \_\_\_\_\_  
Name of Institute : \_\_\_\_\_  
Address : \_\_\_\_\_  
E-mail : \_\_\_\_\_  
Tel.: (0) \_\_\_\_\_ (Extn.) \_\_\_\_\_  
(M) \_\_\_\_\_ (R) \_\_\_\_\_  
IEI Membership No. : \_\_\_\_\_

**PAYMENT DETAILS**

Payment by Cash / Cheque / D.D. No. \_\_\_\_\_  
Dated : \_\_\_\_\_  
Bank : \_\_\_\_\_  
Amount Rs.: \_\_\_\_\_  
Signature of the participant \_\_\_\_\_ Signature of Principal \_\_\_\_\_