

#### CHIEF PATRON

**Hon'ble Shri. P. R. BHOSALE**  
Founder & Chairman, Holy-wood Academy, Kolhapur

#### PATRON

**Hon'ble Shri. N. R. BHOSALE**  
Joint Secretary, Holy-wood Academy, Kolhapur

#### CHAIRMAN

**Dr. G. V. MULGUND**  
Principal

#### HEAD OF DEPARTMENTS :

**Prof. V. S. Mane**  
HOD, E & TC Engg. Dept.

**Prof. P. P. Kulkarni**  
HOD, Electrical Engg. Dept.

#### COORDINATOR :

**Prof. S. N. Shinde**  
E & TC Engg. Dept.

**Prof. A. M. Bhandare**  
Electrical Engg. Dept.

#### CO-COORDINATOR:

**Prof. D. R. Shelar**  
Electrical Engg. Dept.

**Prof. Ms. P. B. Shikalgar**  
E & TC Engg. Dept.

#### RESOURCE PERSON :

**Mr. Sushant Kerimani, MD**  
Skada Technology, Pune

**Mr. Amit Amrutkar**  
Skada Technology, Pune

#### **Registration :**

The participants should send the applications (Hard and Scan copy) in the specified format (enclosed here to reach the Coordinators via post or e-mail latest 19th Dec. 2016.

#### **Last date of Registration : 23th Dec. 2016**

**Important Note :** Each Institute is requested to register at least two Faculties from their institute.

#### **Registration Fee**

**Students** : 500/-  
**Research Scholar/ Academic Institutions** : 800/-  
**Industry Person** : 1000/-

#### **Accommodation**

Arrangements for accommodation will be made on request in hostel. Necessary help will be given by the organizers.

#### **Contact for Registration :**

**Prof. S. N. Shinde**, E & TC Dept.  
Email : siliconlife9@gmail.com  
Mobile : +91-7798082969

**Prof. A. M. Bhandare**, Electrical Dept.  
Email : arvind.bhandare@seti.edu.in  
Mobile : +91-9146999539 / 9421174233

Holy-wood Academy, Kolhapur's  
**Sanjeevan Engineering & Technology Institute**  
Sanjeevan Knowledge City, Panhala,  
Tal. Panhala, Dist. Kolhapur-416201. (Maharashtra)  
Ph.: 0231-2686613/52, 2686600 Fax :0231-2686629  
Website : www.seti.edu.in

## **One Week FACULTY DEVELOPMENT PROGRAMME**

**On  
'Recent Trends in PLC, LabVIEW  
And Internet of Things (IoT)'**

**Sponsored by  
The Institution of Electronics &  
Telecommunication Engineers**



**26<sup>th</sup> Dec. to 30<sup>th</sup> Dec. 2016**

**Organized by**



**Holy-wood Academy, Kolhapur's**

## **SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE**

**Sanjeevan Knowledge City, Panhala,  
Tal. Panhala, Dist. Kolhapur-416201. (M.S.)**

**Department of Electronics & Telecomm. Engg.  
&  
Department of Electrical Engineering**

**Website : www.seti.edu.in  
Ph. : 0231-2686665, 0231-2686600**

## About the Institution

Sanjeevan Engineering and Technology Institute (SETI) is an establishment of Sanjeevan, meets the needs of technology driven modern 21st Century. The Institute is approved by All India Council for Technical Education, New Delhi, recognized by Directorate of Technical Education, Govt. of Maharashtra and affiliated to Shivaji University, Kolhapur. Sanjeevan Engineering & Technology

Institute (SETI) is long cherished dream of Founder-Chairman Mr. P. R. BHOSALE, an educationalist having experience about two decades. His aim is to impart quality education to the students from nook and corner of the country. Holy-wood Academy, Kolhapur known as Sanjeevan Knowledge City, Panhala, has the wings : Sanjeevan Public School, Sanjeevan Vidyanketan, Chhatrapati Shivaji Junior College and Sanjeevan Engineering & Technology Institute (SETI).

SETI established in 2009, within shortest period of time, it has evolved into an institution imparting quality in technical education at undergraduate level. It has 6 UG & 2 PG, 2 Diploma departments about 96 talented, experienced and dedicated faculty and over 1500 students and several centers of excellence. SETI has an excellent ambience of library with digital mode and online journals, advanced Core-2 Duo Computer Lab and language lab, WI-Fi Campus, modern approach and necessary equipments in laboratories, hospital, gymnasium, swimming pool, and outdoor stadium, bus facility for students and faculty from Kolhapur and 100% concession fees to university toppers and 50% concession fees for class toppers.

## About the FDP theme

The Internet of things is the internetworking of physical devices, vehicles buildings and other items—embedded with electronics, software, sensors, actuators, and network connectivity that enable these objects to collect and exchange data. The IoT allows objects to be sensed and/or controlled remotely across existing network infrastructure, creating opportunities for more direct integration of the physical world into computer-based systems, and resulting in improved efficiency, accuracy and economic benefit. Each thing is uniquely identifiable through its embedded computing system but is able to interoperate within the existing Internet infrastructure.

A programmable logic controller (PLC), is an industrial digital computer which has been ruggedised and adapted for the control of manufacturing processes, such as assembly lines, or robotic devices, or any activity that requires high

reliability control and ease of programming and process fault diagnosis. They have been widely adopted as high-reliability automation controllers suitable for harsh environments. A PLC is an example of a "hard" real-time system since output results must be produced in response to input conditions within a limited time, otherwise unintended operation will result.

Laboratory Virtual Instrument Engineering Workbench (LabVIEW) is a system-design platform and development environment for a visual programming language from National Instruments. Originally released for the Apple Macintosh in 1986, LabVIEW is commonly used for data acquisition, instrument control, and industrial automation on a variety of operating systems (OSs), including Microsoft Windows, various versions of Unix, Linux, and macOS.

## Who should attend

Faculty members/research scholars from academic Institutes and Scientists/Engineers working in Private / Public / Government Organizations / Industries, Research & Development establishments etc. can attend the workshop. As the training program is of interdisciplinary in nature, students of disciplines like Electrical, Electronics, etc. are encouraged to participate. This workshop will provide preliminary and advanced knowledge about the use and applications of IoT, PLC & LabVIEW automation.

## THE TOPICS TO BE COVERED:

- Study of PLC ( Micrologix Series)
- Industrial PLC Programs
- Interfacing with HMI, SCADA & LabVIEW
- Navigating Labview
- Leveraging Structures
- Modularity (SubVIs)
- Acquiring Measurements with Hardware
- Industrial IoT
- Interfacing, Communication
- Gateways Used
- Data Acquisition
- Real Time data Access
- Web Server Application
- Security of Data

Sanjeevan Engineering & Technology Institute, Panhala

Registration Form....

**'Recent Trends in PLC, LabVIEW  
And Internet of Things (IoT)'**

24<sup>th</sup> Dec. to 30<sup>th</sup> Dec. 2016

Name : .....

Institution / Organization : .....

Department : .....

Designation : .....

Address for correspondence : .....

E-mail : .....

Contact No. : .....

Details of Registration Fee :

DD No. \_\_\_\_\_, Amt. Rs.       /-

Bank Name \_\_\_\_\_

Date : \_\_\_\_\_

Place :

Date :

**Signature of Applicant**

**NOTE :** The Applicant Mr. Mrs. \_\_\_\_\_

Will be permitted to participate in the above Faculty Development Programme by paying Rs.       /- in cash or DD in favour of Sanjeevan Engineering & Technology Institute, Panhala

Seal

**Sign. Head of Institution**

