

Two-days faculty training on  
**“Free RTOS & uC Linux”**

16, 17<sup>th</sup> October 2015

To,

Department of Electronics and  
Telecommunication Engineering,  
Sardar Patel Institute of Technology,  
Munshi Nagar, Andheri (W),  
Mumbai 400 058  
Phone: 26707440/26708520 Extn. 380

From,

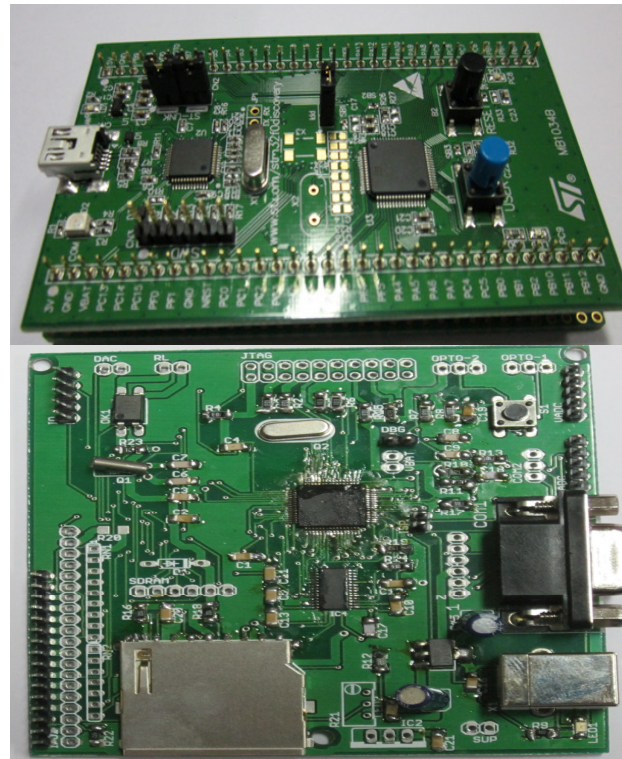
---

---

---

---

---



**free** RTOS

**µClinux**  
energy friendly linux



Bharatiya Vidya Bhavan's



**Sardar Patel Institute of Technology**

**PRESENTS**

Two-days faculty training on  
**“Free RTOS & uC Linux”**

16, 17<sup>th</sup> October 2015

Organized by

**Department of Electronics and  
Telecommunication Engineering,  
Sardar Patel Institute of Technology,  
Munshi Nagar, Andheri (W),  
Mumbai 400 058**

Tel: 91-22-2670 8520, 26707440, 2628 7250

Fax No.: 91-22-26701422

[www.spit.ac.in](http://www.spit.ac.in)

**Vice Principal**  
Dr. Y. S. Rao

**Principal**  
Dr. Prachi Gharpure

## About us

In 1957, the Bharatiya Vidya Bhavan conceived the idea of establishing an engineering college in Mumbai. It was on the 19<sup>th</sup> August 1962 that there was a huge gathering at the Bhavan's Campus in Andheri to inaugurate Sardar Patel College of Engineering (SPCE). In 1995 Self Financed Engineering Course were added to it and it functioned as SPCE (Unaided-wing) conducting Electronics Engineering, Computer Engineering and Information Technology courses and Masters course in Electronics since 2005 till 2008. These courses have earned a great reputation in the field of engineering education, as well as industry. Bharatiya Vidya Bhavan's Sardar Patel College of Engineering, Unaided Wing from year 2005-2006 was established in its new building under the name and style of Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology and is affiliated to Mumbai University. Subsequently Electronics and Telecommunication course was started at graduate and post graduate level in the years 2006 and 2010 respectively. In addition to these programs Electronics and Telecommunication and Computer Engineering Departments have started Ph.D. program from 2012.

## About the Workshop

This workshop mainly covers the Integrated Development Environment using ARM, ARM cortex controllers and implementation of RTOS. Eclipse development environment, ARM GCC tool chain and debugging in Linux environment will be used for programming. Hands on training on LPC2148, STM32F0 ARM cortex Trainer Kits. The program is an ideal foundation for faculty to conduct practicals for IT, Electronics, Electronics and Telecommunication programs for the courses Embedded Systems, Microcontrollers.

## Resource Persons:

Dr. Y. S. Rao  
Mr. Bhavin Kamdar

## Schedule:

Day-1: ARM Controller Interface, Programming

Day-2: FreeRTOS introduction  
FreeRTOS details using STM32 board  
FreeRTOS and ucLinux comparison  
ucLinux simulation.

## Venue:

R&D Lab, 310, 3<sup>th</sup> Floor, S.P.I.T.

## Course Fees:

Faculty: Rs. 1000/-  
Participants from Industry: Rs. 2000 /-

## Registration:

Cash can be paid on the date of workshop, Cheque or DD drawn in favor of "Principal S.P.I.T" payable at Mumbai. Confirm your registration by:

**E-mail:** ysrao@spit.ac.in

**Mob:** 9820962870

Two-days faculty training on

# "Free RTOS & uC Linux"

16, 17<sup>th</sup> October 2015

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

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

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

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

**Institution:** \_\_\_\_\_

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

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

**Tel:** (O) \_\_\_\_\_ (Extn.) \_\_\_\_\_

(M) \_\_\_\_\_ (R) \_\_\_\_\_

**Payment by Cash / Cheque / DD:**

**Chq. /DD No:** \_\_\_\_\_ **Dated:** \_\_\_\_\_

**Bank:** \_\_\_\_\_

**Amount Rs.:** \_\_\_\_\_

Signature of the participant