

## Two-day's workshop on

### Design with 8051 Microcontroller (Mechatronics)

To,

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Sardar Patel Institute of Technology,  
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**Free kit to every participant**



From:

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### ORGANISER :

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Head , Mechanical Engineering Department  
Prof. K.T. Talele  
Department of Electronics Engineering

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Bus from Andheri (W): 249/250/254/257/259

Bharatiya Vidya Bhavan's



**Sardar Patel College of Engineering,  
Institute of Technology**

**PRESENTS**

Two-day's workshop  
On

**Design with 8051  
Microcontroller  
(Mechatronics)**

19-20 March 2010

**Organized by**

**Department of Mechanical, Electronics  
Engineering,  
Sardar Patel College of Engineering, Institute  
of Technology  
Munshi Nagar, Andheri (W),  
Mumbai 400 058  
Ph.No:+91 22 26707440 / 226708520 / 26232192**

## About SPCE & SPIT

Bharatiya Vidya Bhavan's Sardar Patel College of Engineering (SPCE) was established in 1962 as a government aided engineering college. It runs civil, electrical and mechanical engineering courses at under graduate level. Several post graduate courses (regular and part time) are also run by civil and mechanical department. Over the last 46 years, the college has gained an excellent reputation in the field of technical education. It has maintained a proud tradition of excellent academic records by securing high ranks, gold medals and awards in the university examinations

S.P.I.T. is under the umbrella of Bharatiya Vidya Bhavan & is academically affiliated to the University of Mumbai. It has been imparting technical education since 1996.

The Department of Mechanical jointly with Electronics Engineering is organizing a two days workshop on "Design with 8051 microcontroller (Mechatronics)" on March 19-20, 2010 at S.P.I.T.

## About the Workshop

In the first part of the workshop, overview of microprocessors and microcontrollers will be discussed. Techniques for systematically writing assembly language programs will be discussed.

In the second part of the talk, simulation package for microcontrollers will be presented. Several applications of 8051 in Mechatronics will be discussed.

The talk will be followed by a hands-on session for participants.

An orientation program is also proposed for faculties involved in teaching Mechatronics subject at Third year Mechanical Engineering of Mumbai University to bring them at common platform for course coverage and assessment of the subject .

## Resource Persons:

1. Dr. S. T. Gandhe
2. Prof. Y. S. Rao
3. Prof. Mansih Parmar
4. Prof. Anand Mane

## Schedule:

19-20 March 2010

Theory: 10.00 am to 1.00 pm

Lunch: 1.00 pm to 2.00 pm

Practical: 2.00 pm to 5.00 pm

## Venue:

Lectures & Practicals: VLSI Lab 303,  
3<sup>rd</sup> floor, new bldg., S.P.I.T.

## Course Fees:

Participants from Academic Institutes:

- Faculty:
1. Rs. 5, 500 with 8051 kit.
  2. Rs. 2, 000 without kit.

- Students:
1. Rs. 4, 000 with 8051 kit.
  2. Rs. 5, 000 for three students with kit.
  3. Rs. 1, 200 without kit.

Participants from Industry: Rs. 6, 500 with kit.

## Registration:

Cheque or DD drawn in the name of "ESA – S.P.I.T." payable at Mumbai should reach on or before 19-20, March 2010 along with application form.

## Two-day's workshop on Design with 8051 Microcontroller (Mechatronics) 19-20 March, 2010

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

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

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

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

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

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

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

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

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

Payment by Cash / Cheque / DD:

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

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

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

(Cheque / DD, should be in the name of  
"ESA-S.P.I.T.", payable at Mumbai)

Signature of the participant: \_\_\_\_\_