

Credit course on
Programming Technologies

From 1st August 2013

To,

Sardar Patel Institute of Technology
Bhavan's Campus, Munshi Nagar,
Andheri (W),
Mumbai 400 058.

From,

Convener:

Dr. Y S Rao

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Coordinator:

Dr. Dhananjay R. Kalbande

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Dr.S.S.Rathod

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Teaching Faculty:

1. Dr. Prachi Gharpure
2. Dr. Y. S. Rao
3. Dr. S. S. Rathod
4. Dr. D R Kalbande

Venue:

R&D Lab, 310, 3rd Floor, S.P.I.T.

Course Fees:

Participants from Academic Institutes: Rs. 10000/-

Participants from Industry: Rs. 12000 /-

(+12.36 Service Tax)

Registration:

Cheque or DD drawn in the name of "S.P.I.T. Allied Division" payable at Mumbai should reach on or before 31st July 2013 along with application form.

Bharatiya Vidya Bhavan's



Sardar Patel Institute of Technology

PRESENTS

Credit course

on

Programming Technologies

From 1st August 2013

Organized by

**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

Principal

Dr. Prachi Gharpure

Credit course on

About the organizing Institute

In 1957, the Bharatiya Vidya Bhavan conceived the idea of establishing an engineering college in Mumbai. It was on the 19th 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 Telecom. 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 Course

This twelve weeks credit course is planned to provide knowledge and skills in programming techniques to Ph.D. students as well as for the faculty who are interested in keeping up with new trends in programming techniques. The course is planned in such a way that researchers from different domains can get benefitted from the course. S.P.I.T. being research centre affiliated to Mumbai University, the credits awarded for this course will be considered as coursework credits for the Ph.D. program. The course will be a 48 hour program with 6 credits. Both theory and practical will be conducted as a part of course work.

Objectives of the Course

1. To develop programming skills in various technologies
2. To introduce concepts of systems design
3. To explain the concept of real time simulations
4. To apply various soft computing techniques to design expert system
5. To synthesize hardware description language to generate hardware
6. To explain circuit simulation techniques

Course Code:

PC1: Programming Technologies

Pre-requisite:

C Programming, Digital Electronics

Course Details:

Course Description	Theory (4 per week)	Practical (2 per week)	Marks
Object Oriented Programming	12	06	20
Real Time Simulation	12	06	20
Programming Techniques in VLSI	12	06	20
Soft Computing	12	06	20
Total	48 Hrs	24 Hrs	80
Practicals			20
Total Marks			100
Total Credits			6

Programming Technologies

From 1st August 2013

Name: _____

Designation: _____

Qualification: _____

Experience: _____

Institution: _____

Address: _____

Email: _____

Tel: (O) _____ (Extn.) _____

(M) _____ (R) _____

Payment by Cheque / DD in favor of:

“S.P.I.T. Allied Division”

Chq. /DD No: _____ Dated: _____

Bank: _____

Amount Rs.: _____

Signature of the participant