

Six weeks credit courses for Research
Scholars (Ph.D. course work)

- I. Research Methodology
- II. Numerical Techniques and Applied Research

13th November to 22nd December 2017

To,

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

From,

Convener:

Dr. Y S Rao,

Dean R&D

Phone: 26707440/26708520 Extn.: 380

Mob: 09820962870

ysrao@spit.ac.in

Venue:

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

Course Fees:

Participants from Academic Institutes: Rs. 12000/- + GST

Participants from Industry: Rs. 18000 /- + GST

Registration:

Cheque or DD drawn in the name of "S.P.I.T. Allied Division" payable at Mumbai should reach on or before 31st October 2017 along with application form.

Bharatiya Vidya Bhavan's



Sardar Patel Institute of Technology
(Autonomous)

PRESENTS

Six weeks credit courses for Research
Scholars (Ph.D. course work)

on

- I. Research Methodology
- II. Numerical Techniques and Applied Research

13th November to 22nd December 2017

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

About us

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 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, Computer Engineering started Ph.D. program from 2012, MCA from 2016 and Electronics from 2017. University of Mumbai has conferred Autonomous Status to S.P.I.T. for a period of five years from the academic year 2017-18 to 2021-22.

About the Course

These six weeks credit courses is planned to provide knowledge and skills in advance research, methodologies to Ph.D. students as well as for the faculty who are interested in keeping up with new trends in research in their respective discipline. 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 courses are of 6 credits each.

Objectives of the Course

1. To gain insights into how scientific research is conducted.
2. To help in critical review of literature and assessing the research trends, quality and extension potential of research and equip students to undertake research.
3. To learn and apply numerical techniques for solving research problem.
4. To help in documentation of research.

Expected Outcome

1. Ability to critically evaluate current research and propose possible alternate directions for further work.
2. Ability to develop hypothesis and methodology for research.
3. Ability to comprehend and deal with complex research issues in order to communicate their scientific results clearly for peer review.

Speakers from:

IIT-Bombay, SNDDT, NMIMS and S.P.I.T.

Course Content & Schedule (Monday to Friday) (10 to 1 & 2 to 5):

Course	Topic
101:Research Methodology	Definition of Research, Research characteristics, Types of Research, Research Procedure, Considerations in selecting research problem, Outcome of research, Assignments/Presentations
102:Numerical Techniques and Applied Research	Numerical Techniques, Advancements in Computer and Electronics, Assignments/Presentations

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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