

Objectives of Programme

The purpose of this programme is to create awareness about research in faculties so that it will improve quality of the technical education. This programme will help participants to familiarize with the art of planning and doing research and its scientific documentation.

Course Content

- Importance of research
- Types of research
- Identification and definition of research problem
- Basics of statistics: Probability and Sampling distributions
- Hypothesis testing
- Analysis of Variance
- Correlation
- Regression
- Multi-variate analysis
- Basics of Design of Experiments
- Taguchi method
- MINITAB & LATEX

Target Participants

Faculty from AICTE approved Government/ Aided/ Un-aided Polytechnic/Engineering colleges of any discipline, Industry Personals* and ME/MTech Engineering Students* and PhD Scholars* (*Not eligible to receive certificates from ISTE, unless employed as a faculty and having ISTE membership)

Address for Correspondence

Shri Bhagubhai Mafatlal Polytechnic,
Irla, N.R.G. Marg,
Opposite Cooper Hospital,
Vile Parle (W), Mumbai – 400056

Patrons

Shri Amrishbhai Patel President SVKM
Shri Pravin Doshi Mentor SBMP and Trustee SVKM
Shri Amit Sheth Member, Managing Council, SBMP
Shri Ashok Basak Member, Managing Council, SBMP & CEO SVKM

Chairman

Shri Umesh Kantute Principal, S.B.M.P. Mumbai

Vice-chairman

Smt Neeta Kadukar Vice-principal, S.B.M.P. Mumbai

Program Coordinator/Convener

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Program Co-coordinator

Shri G.B. Deshpande Lecturer Mechanical Engineering
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Organizing Committee

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Cell Phone: 8424009900

Shri A.S. Shukla Lecturer, Mechanical Engineering
Cell Phone: 7208865434

Shri S.T. Khelkar Controller of Examination, SBMP
Cell Phone: 9323863104

Registration

Application in the prescribed format should reach to the Principal, SBM Polytechnic on or before May 01, 2018 along with DD/Cheque of Rs 1800/- as a registration fee. **DD/Cheque** to be drawn in favor of **Principal, SVKM's Shri Bhagubhai Mafatlal Polytechnic, Mumbai.** TA/DA will not be paid by institute. Outstation candidates have to make their own stay arrangements



**Shri Vile Parle Kelavani Mandal's
SHRI BHAGUBHAI MAFATLAL POLYTECHNIC**

Vile Parle (W), Mumbai – 400056
Tel.: 022 4233 6000 , Fax : 022-2611 0117



ONE WEEK

AICTE-ISTE APPROVED

SHORT TERM TRAINING PROGRAM

ON

**“Research Methodology in Engineering &
Technology”**

MAY 14-18, 2018



Organized by

Department of Mechanical, Plastic and Chemical
Engineering
Shri Bhagubhai Mafatlal Polytechnic, Mumbai - 400056

About SVKM

Shri Vile Parle Kelavani Mandal is a Public Charitable Trust registered under the Society's Registration Act and Bombay Public Trust Act. From its humble beginnings in 1934, when it took over the Rashtriya Shala, a school established in 1921 in the wake of the National Movement. The Mandal today has grown into a big educational complex imparting high-level education to more than 35,000 students.

Over the past 80 years, the Mandal has developed into a large educational complex in Vile Parle, in Suburban Mumbai and has spread its wings to metro cities like, Bangalore, Hyderabad, Chandigarh, Ahmedabad, Navi Mumbai, etc. SVKM today is proud of some of the finest educational institutes in the country like NMIMS deemed to be University, N.M. College of commerce and Economics, Mithibai College, D.J. Sanghvi College of Engineering, Bhagubhai Mafatlal Polytechnic- to name a few. It has also in its family schools from Nursery to Secondary, Jr. College providing ICSE or IB, IGCSE curriculum or CBSE curriculum. With a strong vision and passion for being the pioneers of the modern education system, all SVKM institutes are state of the art, with ever expanding facilities and infrastructure.

About S. B. M. Polytechnic

Shri Bhagubhai Mafatlal Polytechnic is a grant-in-aid autonomous institute managed by Shri Vile Parle Kelavani Mandal. The polytechnic conducts 9 Full Time Diploma Courses. The polytechnic has maintained high standards and has established as one of the leading institutions in the country in the field of technical education.

The institution has been granted full autonomy for all diploma courses with effect from 1993-94. The polytechnic has received ISO 9001:2000 Certificate for Course Design, Instruction Delivery Examination and Support Activities conducted by departments of Industrial Electronics, Digital Electronics, Medical Electronics and Computer Applications.

Vision

“SBM Polytechnic aspires to be the Lead Institute in providing need based technical Education”

Mission

- To provide state-of-the art infrastructure and latest equipment for providing a stimulating learning environment
- To prepare students to meet the dynamic needs of the industry by periodic reviewing and up gradation of curriculum through an interactive process with industry
- To inculcate a spirit of excellence in terms of academic performance, research and innovation in faculty by providing appropriate support and incentive systems
- To promote and support co-curriculum, extra-curriculum activities and industry interaction to make students socially sensitive and employable

REGISTRATION FORM

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Name of Participant:

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Designation:

.....

ISTE Membership No.:

.....

Name of the organization:

.....

Mailing Address:

.....

.....

Tel. No.:

Mobile No:

Email:

Payment details:

DD/Cheque NO

Dated.....

Amount:

Drawn on:

Place: Date

Signature:

This is to certify that Mr./ Mrs.

..... is an employee of our organization and is sponsored for one week short term training program on “Professional Development for Technical Teachers” at S.B.M. Polytechnic, Vile Parle

Signature and seal of sponsoring authority