

Completed registration form should be sent to course coordinators:

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Last date for submitting the application form;
30th June 2011

Notification of acceptance of application form:
4th July 2011

For further details:
<http://www.bvmengineering.ac.in>

Chief Patron:

Dr. C L Patel , Chairman ,CVM

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Prof. S. M. Thaker

Organizing Committee

Prof. C. B. Mishra
Prof. Jayesh Pitroda
Prof. Namita Sathe
Prof. Milan Kansagara

**Address for communication
Coordinator**

**3-days workshop on Statistical analysis
in Research**

Birla Vishvakarma Mahavidyalaya
(Engineering College)
Post Box No.: - 20
Vallabh Vidyanagar – 388120
Phone No: (02692) 230104
Fax No: (02692) 230762
(www.bvmengineering.ac.in)

NICE @ 93750 31377

**Govt. of Gujarat
Promoted by Industries
Commissionerate**



**CEPT - Ahmedabad Sponsored
(Short Term Training Programme)
3-days Workshop
on Statistical Analysis
in Research**

14th to 16th July 2011



Dr. F.S. Umrigar – Principal

Convener

Prof. (Dr.) T. A. Desai Prof. L. B. Zala

Coordinators

Prof. Neha Patel Prof. Aakar Roghelia

Organized by

Mathematics & Civil Engineering Department
Birla Vishvakarma Mahavidyalaya

Nodal Institute

BVM Engineering College
Vallabh Vidyanagar- 388 120.

INTRODUCTION

There is significant R & D activities going on in various academic and industrial institutions throughout World. This program is aimed with an objective to generate awareness of the latest tool SPSS helpful for statistical analysis of data. This tool would be helpful in doing routine and advanced statistical tests in quicker way (in few moments).

Key objectives of the program

The tool SPSS would be helpful in solving the problems in all areas of engineering and pharmacy. Basic concept of probability and probability distribution, Design of Experiments (including confounding), detail discussion and exercise on statistical inference (various statistical tests) will be discussed in this Workshop.

Target Group:

Engineers and Researchers in academics, consultancy firms and fields, etc.

Learning Objectives

This course will provide the latest trends emerging in the infrastructure related projects in the arena of Civil Engineering. The main objective of the course is to impart training to the trainers such that it subsequently percolates to the grass root level.

About CEPT

Government of Gujarat aided The Ahmedabad Education Society has established CEPT as a separate institution. Centre for Environmental Planning and Technology is an esteemed University offering undergraduate and post graduate degree programs in natural and built Environment. The aim of CEPT is to impart higher education in Technology and Developmental Sciences. CEPT is acting as Anchor Institute for infrastructure in a scheme of Government of Gujarat.

About BVM

(www.bvmengineering.ac.in)

BVM, the first degree engineering college of Gujarat State was established by Charutar Vidya Mandal in 1948 with the blessings of Sardar Vallabhbhai Patel. BVM has

successfully completed 63 years of its existence and is continuously on an acceleration mode of progress under the constant encouragement and able guidance of our beloved Chairman Dr. C. L. Patel.

About Mathematics & Civil Engineering Department

The Department of Mathematics can be considered as a core subject for all branches being offered to support all the engineering subjects and provide foundations towards Mathematical analysis and knowledge about appropriate implementation of the technology available. Management is also associated with mathematics department being offered to all branches providing foundation towards innovation, entrepreneurship and implementation of the latest development in the filed of science and technology effectively.

The department of Civil Engineering has been established in 1949. The department is offering the program of B.E. Civil & Post Graduation in Environmental Engineering, Construction Planning and Management & Transportation Engineering.

Course Coverage:

Data entry, compilation and validation of data (data processing)

- ❖ Basic information of SPSS package
- ❖ Introduction to Statistical Inference
- ❖ Inferences Concerning Means
- ❖ Inferences Concerning Variances
- ❖ Inferences Concerning Proportions
- ❖ Analysis of Variance
- ❖ Correlation and Regression
- ❖ Non parametric Tests
- ❖ Curve Fitting
- ❖ Factorial Experimentation
- ❖ Use of SPSS with Case Studies

Resource Person

Experts from different fields of specialization from teaching Institutes and Field Engineers from GOVT and Non Government organizations will deliver lectures in various sessions.

REGISTRATION FORM

Short Term Course on
*3-days Workshop on Statistical
Analysis in Research*
14th to 16th July 2011

Name: _____
Designation: _____
Organization: _____
Address: _____
Telephone: _____
Fax: _____ Email: _____
Cell: _____
Qualification: _____
Specialization: _____
Experience: _____

Accommodation required : YES / NO

Apply well in time for accommodation.

Signature of Applicant

Certified that the applicant is granted to participate in the above said STTP and Permitted to leave head quarter for the period of program.

SEAL



Signature of Authority

Registration Fee

The registration fee for the course is Rs. 1000/- for academic staff and Rs. 750/- for research scholars and P.G. Students and for others Rs. 1500/-. The candidate should confirm their participation by sending a Demand Draft in Favour of "The Principal, BVM Engineering College, V. V. Nagar".

Candidate should send the duly filled registration form by mail to the coordinators by 30th June 2011. The maximum intake is up to 20 candidates.