



**BHARATI VIDYAPEETH'S  
INSTITUTE OF MANAGEMENT STUDIES & RESEARCH  
NAVI MUMBAI**

*Organizes*

**Two Days Online Faculty Development Program**

*On*

**STATISTICAL TECHNIQUES FOR RESEARCH METHODOLOGY**

Date: 24<sup>th</sup> & 25<sup>th</sup> April 2020

Time : 10:00 a.m to 12:00 p.m.

Patrons

**Dr. Vilasrao Kadam**

Director, Bharati Vidyapeeth's Educational Complex, Navi Mumbai

Chairperson

**Dr. Anjali Kalse**

I/c Director, BVIMSR, Navi Mumbai

Dear Educator,  
Warm Greetings from  
**Bharati Vidyapeeth's Institute of Management Studies and Research**

“

*Life is like a riding bicycle. To keep your balance you must keep moving.*

”

-Albert Einstein

This quarantine creates an opportunity to nurture our skills, enhance our knowledge and prominently explore new horizons in the education field. To bring more feathers to your wings, BVIMSR is proudly announcing an online FDP program on “Statistical Techniques for Research Methodology”. Research methods and data analytics have become an integral part of almost all areas of management, social sciences, humanities research. Advancement in computing technology has further raised the importance of statistical techniques and placed great demands on its applications to complex decision making problems in various fields. Statistical Techniques are usually very complex and confusing for beginners and intermediate researchers. The programme will address issues in research methods like selection of appropriate analytical tools, right software, interpretation of outputs and effective report writing. The objective of this programme is to emphasize on broad range of techniques available in research methods for academicians, practitioners and researchers from interdisciplinary domains.

### **About BVIMSR:**

BVIMSR has been consistently ranked amongst the top B Schools in Navi Mumbai & Western India. The institute provides an ideal environment for developing global leadership skills, with its diverse student body and curriculum that combines knowledge and skills offered by a global standard Management Programme. This institute was one of the first business school in Navi Mumbai to establish Management education back in 1984.

BVIMSR prides itself on being a student-centric institute. Students here are entrusted with resources and responsibilities early on. BVIMSR's multi prolonged approach in its placement, academic, course structure, alumni database and pedagogy always creates a remarkable difference in the graduates.

### **About the Program :**

Applied Research is a systematic process of defining and redefining problems, formulating hypotheses; collecting, organizing and evaluating data; making inferences and reaching conclusions; and at last testing conclusions to see if they fit the formulating hypothesis. Analysis of data and making inferences requires use of appropriate statistical techniques. The present Online FDP envisages to equip researchers with the appropriate tools for hypothesis testing and data analysis at the beginners' level.

### **For Whom:**

Faculty Members and Research Scholars from Universities, Institutions and colleges, any faculty member who wants to get knowledge about statistical tools useful in research.

### **About the Trainer :**

Prof. Nidhi Kasetwar is a visiting faculty and trainer with corporate experience. She has been taking consulting projects and conducting independent research in addition to teaching assignments. She has worked in ICICI Lombard GIC Ltd (Analytical work). Her consulting assignments include companies like FTKMC (Financial Technologies) and Rural Relations. She has conducted training on SPSS, multivariate analysis, commodities (Yashada, Pune) and Advanced Excel. Her areas of interest are marketing research and research methodology. Her visiting assignments include NMIMS, Mumbai; SIIB, Pune; College of Agriculture, Vamnicom, Pune ; IIPM and RICM, Bengaluru; RICM, Gandhinagar, Gujarat.

### **Training Guidelines:**

- Mode of training is instructor led through online mode.
- Topics are sequential; hence trainees are strongly advised to attend the training without any gap.
- Training path traversed is Conceptual Explanation >> Case Study >> Practical Demonstration >> Hands On >> Discussion

### **Training Mode - Live Online-Classroom:**

- Online Via Google Meet (Participants need to use Google Chrome Browser on Laptops OR Google Meet App on Tablets).

### **Registration, fees & Schedule:**

- The Program is free of cost and there is no registration fees
- Registration on first come first serve basis.
- Only 94 participants.
- Please register by visiting the link below: <https://forms.gle/YwC5xSqAZUD6Y5kP8>
- The live online link will be shared with the selected participants through their email.
- The FDP will be conducted on 24th April and 25th April 2020 from 10.00 am to 12.00 pm
- The FDP will be concluded with online evaluation based on quiz at the end of the FDP, participants will be certified by giving an e-certificate.

### **Course Contents:**

- What is research and types of research
- The Research Process- Defining the research problem, literature survey, formulating a working hypothesis, research design and sample design formulation, data collection, hypothesis testing, interpretation.
- Data Types in Research
- Measurement concept- Constructs and variables
- Concept of confidence interval, significance level and p value
- Testing of Hypothesis- Parametric and non-parametric tests with applications and where to use.

### **Course Co-ordinators**

#### **Dr. Manisha Shukla**

dr.manishadubey@bvimsr.com  
(0)8879077765

#### **Dr. Manisha Waghmode**

manishawaghmode@bvimsr.com  
(0)8600600927

#### **Dr. Veena Tripathi**

drvtripathi@bvimsr.com  
(0)9537422182