

PATRON

Hon. Rajendra Pawar

Chairman, Agricultural Development Trust, Baramati

Hon. Sunanda Pawar

Trustee, Agricultural Development Trust, Baramati

ORGANIZING COMMITTEE

Prof. P. V. Jadhav, Convener

Prof. S. S. Dange, Coordinator

Dr. S.V. Mahamuni, Organizing Secretary

Prof. R. J. Marathe, Treasurer and HoD, Microbiology

Members

Prof. K. K. Kulkarni Prof. V. V. Shinde

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ADT's SHARDABAI PAWAR MAHILA MAHAVIDYALAYA

SHARDANAGAR, BARAMATI

A STATE LEVEL WORKSHOP for Teachers

on

USE OF STATISTICAL TOOLS IN RESEARCH DATA ANALYSIS

30th and 31st January 2018

Sponsored by

BCUD, Savitribai Phule Pune University, PUNE

Organized by

DEPARTMENT OF MICROBIOLOGY



INVITATION

Dear Sir / Madam,

It gives us immense pleasure to invite you to participate in the State level Teacher's Workshop on 'Use of Statistical Tools In Research Data Analysis' by Department of Microbiology, Shardabai Pawar Mahila Mahavidyalaya, Shardanagar, Baramati to be held on 30th and 31st January, 2018. The workshop will be a grand success by your kind participation and co-operation.

ABOUT TRUST

Agricultural Development Trust, Baramati has been established in the year 1971 under the Presidentship of Hon. Sharadchandraji Pawar. The vision of the Trust is to improve economic, social and educational standards of rural masses. Since 1971, the Trust has helped thousands of farmers through building percolation tanks and providing guidance on its demo farm. In the later years, the Trust realized that improvement in agricultural practices alone will not improve living standards of our farmers. Thereafter in 1989, Trust has started its educational activities for girls. Now over 8000 girls are seeking their education in different disciplines which include Arts, Commerce, Science, Home Science, Computer Application, Education, Nursing, Agriculture etc. The Institutes working under ADT have earned their reputation in their respective fields.

ABOUT COLLEGE

- * NAAC reaccredited 'A' Grade in 2016 with CGPA 3.09
- * Pune University's 'The Best College Award' in 2006
- * Graduation in faculties of Arts, Commerce, Science, Home Science and Computer Application
- * PG in Commerce, Organic Chemistry, Psychology and Microbiology
- * Orientation and Soft Skill Development Programme
- * Crash course for Entrance Exams. for Police Recruitment
- * 'Swayamsiddha Workshop' for Girl Students
- * UGC's Career Oriented Courses
- * Karmveer Scheme for economically weak students

Objectives of the workshop

- 1) Orient to organize research with statistical approach right from initial stages so as to reach neat and scientific outcome and conclusions.
- 2) Develop the user friendly approach with statistical tools in research data analysis.

Workshop schedule

Day/Time	Units	Modules
Day 1 30/1/2018 11 am- 1pm	Unit 1 Exploratory data analysis	1.Introduction to Research Statistics 2.The purpose of exploratory data analysis Module 1 Examining distributions Module 2 Examining relationship Exploratory Data Analysis
2pm-5pm	Unit 2 Producing Data	Module 3 Sampling Module 4 Designing studies Module 5 Random variable, Binomial and Poisson Distribution Module 6 Normal and Sampling distributions
Day 2 31/1/2018 10am-1pm	Unit 3 Inference	Module 7 Introduction to inference Module 8 Estimation Module 9 Hypothesis Testing Second Half
2pm-5pm	Unit 3 Inference	Module 10 Case C→Q *Paired sample t test for dependent sample *Independent sample t test *One way ANOVA *Two way ANOVA *One Revisiting Case C→Q Module 11 Case C→C *Goodness of fit test * Test of independence *Proportionality test Module 12 Case Q→Q

Registration Fees : **:Rs. 500/-**

Accommodation charges (if required) : Rs. 350/-

You are requested to register your name well in advance before 25th January 2018 by sending duly filled in registration forms with D. D., cheque drawn in favor of Principal, Shardabai Pawar Mahila Mahavidyalaya, Baramati or online payment through RTGS on 'Oriental Bank of Commerce' Branch Shardanagar, Baramati, Pune Account Number 52042010004340, IFS code is ORBC0105204. Registration fees include breakfast, tea, lunch & writing stationery. Spot registration will also be considered. Interested participants should send the duly filled online registration form available on Website.

www.shardawomenscollege.org

First thirty participants will be enrolled with preference.

Please bring your laptops if possible.