

OutreachActivities:

Academic year	Nature of activity	Date	Nature of beneficiaries
2020-21	Outreach programme on Research Methodology and Statistical Analysis using spreadsheet.	9 th February,2021	130
2020-21	Application of Mathematics in every Day life	22-23 February 2021	260

2020-21

Outreach Programme for college teachers on Research Methodology and Statistical Analysis using spreadsheet

No.ofparticipants:130

An Outreach Programme for college teachers on “Research Methodology and Statistical Analysis using spreadsheet” was conducted on 9thFeb 2021 which has two sessions, on the platform of Teams,forfacultyofvariouscollegesandResearchscholarsfromdifferentUniversities.

Session I: The Resource person Mr. N. Chandan Babu, Assistant Professor, Department ofMathematics and Statistics, BVC delivered a lecture on Research methodology. He explained indetail about the difference between ProjectandResearch.Then he suggested how towriteobjectives of the Research. Next he explained the difference between Research and Research Methodology, types of research, steps for writing a research article, and the process of Research.

Session II: The Resource person P. Rajini, Assistant Professor, Department of Mathematics andStatistics,BVCdeliveredalectureonStatisticalAnalysisUsingMS-Excel.Sheexplainedbasic statistical concepts using secondary data which was downloaded from statistical data sets fromGooglesearchengine.ThestatisticalconceptslikeDescriptivestatistics,Correlation,Regression, Testingofhypothesis (parametric tests),andANOVAwerediscussed.



Outreach Program for school students

An outreach program for high school students was organized for 2 days, on 22nd and 23rd Feb. 2021 by dept. of Mathematics and Statistics, Bhavans Vivekananda College, Sainikpuri, Secunderabad, at MJPTBCWR School, Yakuthpura, Karwan, Hyderabad, located at Kompally. The main focus was to familiarize the students with few mathematical concepts and Geogebra software. A total of 200 students of IX standard and 140 students of X standard participated in this program.

The program started with a warm welcome organized by Mrs.Sarala Devi, Principal, MJPTBCWR School, and their team. Later Mrs.Sarala, retd. Principal, MJPTBCWR School, also joined the Program.

Under this program the faculty members Mrs.G.S.Mini, Mrs.P.Krishnaveni, Mrs.P.Rajini, Mrs. Santi Rohit Rao, Mr.N.Chandan Babu and Mrs.K.Srilatha, BVC, took the classes on the following topics: Triangles, Surface Area and Volume, Polynomials and Quadratic Equations, Pythagoras theorem, Probability, Geogebra /Trigonometry, Statistics and Tangents and Secants.

On Day 2, activities were conducted in which all the students of class IX actively participated. Students who won 1st, 2nd and 3rd positions and also the students who were responsive and interactive with the teachers during both the days were awarded prizes.

This Outreach was of great help to the students of the Govt. School in understanding mathematics through geogebra software.

