

**Rayat Shikshan Sanstha's  
Balwant College Vita  
Department of Statistics  
Minutes of the Meeting**

Date:-01/03/2023

Meeting of Members of Board of studies for Short Term Course on "**Application of SAS in data analysis**" has been conducted on Wednesday, 1<sup>st</sup> March, 2023 in the Principals cabin at 11:30 a.m.

After discussion on the syllabus of Short Term Course on "**Application of SAS in data analysis**" and duration of the course the following resolution has been passed:

1. Short Term Course on "**Application of SAS in data analysis**" should be for M.Sc.-I (Semester-II) Statistics students.
2. Short Term Course on "**Application of SAS in data analysis**" should be of 45 hours.
3. Short Term Course on "**Application of SAS in data analysis**" should be conducted with the help of **SAS OnDemand for Academics** which is freely available for use with courses at colleges and universities.
4. Syllabus of Course should be:

**Theory (15 Hours) and Practical (30 Hours):**

1. Introduction to SAS
2. Getting Started Using SAS Software
3. SAS Data Sets
4. Two Parts of a SAS Program
5. Rules for SAS names
6. SAS Data Libraries
7. Getting Data into SAS: Different ways of creating SAS data set
8. Working with SAS Data
9. Sorting, Printing, and Summarizing Data
10. Modifying and Combining SAS Data Sets
11. Basic Graphical:
  - (i) Bar Charts
  - (ii) Histograms and Box Plots
  - (iii) Scatter Plots
  - (iv) Series Plots
  - (v) Fitted Curves
  - (vi) Statistical Graphics with PROC UNIVARIATE





- (vii) Distribution of Data
- (viii) Statistical Graphics with PROC FREQ
- (ix) Statistical Graphics with PROC CORR.

12. Descriptive Statistics: (i) Statistics with PROC UNIVARIATE
- (ii) Statistics with PROC MEANS
  - (iii) Categorical Data with PROC FREQ
  - (iv) Correlations with PROC CORR
  - (v) PROC REG for Simple Regression Analysis
  - (vi) Statistical Graphics with PROC REG
  - (vii) PROC ANOVA for One-Way Analysis of Variance.

#### Board of Studies Members:

1. Principal Dr. R. S. More
2. Mr. P. A. Gavali
3. Mr. S. V. Gimawekar
4. Dr. R. S. Mare
5. Dr. A. M. Suryawanshi

:Chairman

:Coordinator

:Member

:Member

:Member

Mr. P. A. Gavali

Coordinator,

Head, Department of Statistics,  
Balwant College, Vita



Dr. R. S. More

Chairman,

Principal, Balwant College, Vita  
**PRINCIPAL**  
Balwant College, Vita  
Dist-Sangli.