

B.V.V.Sangha's

## Basaveshwar Science College ,Bagalakot

### Statistics department

#### Program specific outcome 2018-19

##### **Bsc I year**

After studying this year, students are able to know

- Introduction about statistics & Basic concepts of statistics.
- Able to apply statistical concepts like probability in day today life.
- Theoretical distributions (discrete & continuous).
- Construction & application of index numbers.

##### **Bsc II year**

After studying this year, students are able to know

- Sampling distributions like chi-square, t-distribution, F-distribution.
- Application of Non parametric tests .
- Knowledge about theoretical estimation with application of likelihood ratio tests.

##### **Bsc III year**

After studying this year, students are able to know

- ANOVA, Designs of experiment with application of sequential testing.
- Sampling methods with Vital statistics.
- Statistical Quality Control & Econometrics.
- Concepts of LPP, Transportation, Assignment problem & Application of statistical theories.