

## DEPARTMENT OF STATISTICS

### **History-Addition:**

Prof L S Patil was transferred to Basaveshwar Commerce College, Bagalkot as Principal in April 2014 & Prof Smt S H Shettar was designated as Head of the department. Miss S S Dhavalagimath was promoted as lecturer to UG Department from PU Section in April 2014. Prof Smt S H Shettar was transferred to Basaveshwar Commerce College, Bagalkot as Principal in April 2017. Miss S S Dhavalagimath was promoted as HOD . Miss S S Dhavalagimath was resigned the job in April 2018. Miss Netravati.Hireholi joined as a lecturer in 23<sup>rd</sup> July 2018. Miss Netravati.Hireholi was designated as Head of the department.

### **Objectives:**

The Statistics Department offers a degree program leading to the B.Sc. degree in Statistics in the Basaveshwar Science College.

The Statistics Department graduate will:

- Have good working knowledge of the most commonly used statistical methods, including
  - statistical modeling and the omnipresent role of variability
  - efficient design of studies and construction of effective sampling plans
  - exploratory data analysis
  - formal inference process
- Have background in probability, statistical theory, and mathematics, including especially linear algebra and symbolic and abstract thinking
- Be able to synthesize and apply knowledge of common inferential methods, understanding the limitations of the procedures and the appropriate scope of conclusions
- Communicate effectively (written and oral) with skills in collaboration (within and between disciplines) and teamwork, and in organizing and managing projects

The Statistics Department graduate will have received:

- Experience with real data and authentic applications

- Frequent opportunities to develop communication skills
- Capstone experiences for students
- Frequent interaction with faculty and their peers and timely advising