# DEPARTMENT OF BOTANY

2017-18

**Establishment** : 2014

**Highlights** :Qualified, Experienced and Research oriented faculty

*** Study tours :**

Sindhu-durgMalvan.,Kankavali., KaasPathaar., NIO Goa.

*** Industry Visits:**

Exotic fruits pvt ltd. Ratnagiri,.

**Faculty Details** :

| Sr. No. | Name of the Faculty | Designation | Qualification | Profile |
|---|---|---|---|---|
| 1 | Mr. S. B. Fasale | Assistant Professor&Head | M. Sc., B.Ed | Click Here To View Profile |

## Programme Specific Outcomes of B.Sc. in Botany:

PSO1 Understand the structural organization and variation in chromosomes.

PSO2 Get self-employment in the fields as: mushroom Cultivation,organic manure preparation, the horticultural plant production.cultivation of crops in poly-house condition, plant tissue, culture laboratories etc.

PSO3 Understand plant structures in the context of physiological functions of plants.

PSO4 Understand lipid metabolism in plants.

PSO5 Understand the morphological and structural organization of Cryptogams and Phanerogams.

PSO6 Economics Botany and plant utilization in concern with human life.

PSO7 Diversity of plants National plant wealth .

PSO8 Developmental biology of plants.Industrial application of microorganism.

## Course Outcomes: (COs) :

CO1 To impart knowledge of Science is the basic objective of education.

CO2 To develop scientific attitude is the major objective to make the students open minded, critical, curious.

CO3 To develop skill in practical work, experiments and laboratory materials and equipment's along with the collection and interpretation of scientific data to contribute the science.

CO4 To understand scientific terms, concepts, facts, phenomenon and the relationships.

CO5 To make the students aware of natural resources and environment.

CO6 To provide practical experience to the students as a part of the course to develop scientific ability to working the field of research and other fields to the his own interest and to make them it for society.

CO7 To the students are expected to acquire knowledge of plant and related subjects so as to understand natural phenomenon, manipulation of nature and environment in the benefit of human beings.

CO8 To develop ability for the application of the acquired knowledge to improve agriculture and other related fields to make the country self reliant and sufficient.

CO9 To create the interest of the society in the subject and scientific hobbies, exhibitions and other similar activities.

## Career opportunities:

The Student can make career as explorer, conservationist, ecologist, environment consultant, horticulturist, plant biochemist, nursery manager, genetics, molecular biologist, taxonomist, plant pathologist, environmental consultant and farming consultant.