

**G.S.Sc. COLLEGE, BELGAUM  
DEPARTMENT OF BOTANY AND ZOOLOGY,**

**Certificate Course in Green House Technology**

**A REPORT**

Department of Botany and Zoology introduced the certificate course in Green house technology on June 2018. This course was introduced for all the students coming from various streams to become entrepreneur. The course duration was 30 hours theory including field visit, 10-hour practicals and 4 hours test. The course fee is 1000/- per student. The syllabus was framed under the guidance of an entrepreneur, Mr. Pradeep Bagi expert in green house technology. The numbers of students enrolled were 50 from various streams of science. Theory aspect of greenhouse technology was emphasized on greenhouse structure, operation of components, maintenance, health safety at work place, employability and entrepreneurship. Theory classes were engaged by faculty of Botany and Zoology in GSS College. Practical was conducted in Green house located in Desur and Shiroli. The assessment of the students was done on the basis of test conducted. Students were graded based on the test performance. The students were well trained and capable to choose Greenhouse technology as a future career.

## **COURSE OUTCOME**

The students will study about

1. knowledge of indigenous and exotic commercial crops.
2. knowledge about cultivation and disease control of commercial crops.
3. Students will get knowledge of marketing skills.
5. Awareness about the various subsidies and financial schemes related to Greenhouse execution.
6. Employment opportunities in horticulture.
7. Entrepreneurship skills and self-employment.



**Inauguration of Greenhouse Technology Certificate Course-2018**



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**Certificate Course in Effluent Treatment Plant Operator**

**A REPORT**

Department of Botany and Zoology introduced the certificate course in Effluent treatment plant operator. This course was introduced for B. Sc students. The course duration was 30 hours' theory including practicals. The course fee is 200/- per student. The numbers of students enrolled were 73. Theory aspect of Effluent treatment plant course was emphasized on ETP structure, Design, operation, maintenance, health safety at work place, and employability. Theory classes were engaged by faculty of Botany and Zoology in GSS College. Practical was conducted in ETP of Botanical Garden of GSS college. The assessment of the students was done on the basis of test conducted. Students were graded based on the test performance. The students were well trained and capable to operate ETP.

## **COURSE OUTCOME**

- 1) Employment opportunities for the students in industries, municipalities, Pollution control Board etc.
- 2) Water testing and analysis experience can make students self-employable.
- 3) Consultant for effluent treatment plant installation.
- 4) Awareness about the environment protection and healthier environment.
- 5) Learn to use eco-friendly chemical which are non-hazardous.
- 6) Trained to operate Effluent treatment plant.



**ETP course Certificate distribution on 30/09/2020**



**Group of students with certificate.**