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BHS HIGHER EDUCATION SOCIETY

VIJAYA COLLEGE

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(ACCREDITED BY NAAC WITH 'B' GRADE &
RECOGNIZED BY UGC AS CPE)

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DEPARTMENT OF BOTANY FIELD -INDUSTRIAL VISIT REPORT

The VI Sem BSc CBZ students were taken on a field cum industrial visit on 04-03-2020, which is a part of the learning process in the Botany curriculum in BOTANY PRACTICAL PAPER -8 included under the programme named PLANT PHYSIOLOGY-III.

Prior permission was obtained from the organizations visited which are mentioned below.

BIOCENTRE, Bannerghatta road, Omkar nagar, Hulimavu, Bengaluru.

This is a government organization under the state Horticulture Department.

- Students were given an in-depth idea about tissue culture techniques and mushroom culture by a video presentation followed by a field demonstration.
- Production of Biofertilizers and biopesticides was explained taking *Pseudomonas* and *Trichoderma* as examples.
- Banana propagation by tissue culture was demonstrated both in their laboratory and in the field.

BIOLOGICAL RESEARCH INNOVATION CENTRE AND SOLUTIONS, Anjanapura, Bengaluru. (BRICS)

This is a start -up industry by few entrepreneurs who are BSc graduates with Botany as a core discipline.

- Students could visualize the industrial process of extraction, purification and bottling of organic eco-friendly organic detergents made from plants such as *Acacia* and *Sapindus*.
- Production of eco-friendly cosmetics was also demonstrated.

Prof. Zaiba Nishath Bano

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