



BISHOP COTTON WOMEN'S CHRISTIAN COLLEGE

DEPARTMENTAL REPORT – 2018-2019

DEPARTMENT OF BIOTECHNOLOGY

The department of Biotechnology aims to upgrade scientific knowledge among students in relation to curriculum.

Industrial Visit was arranged for CBBt students of I, II and III Bsc on April 5th 2019 to Britannia Biscuit Company located at Bidadi. Students were exposed to the production of varieties of biscuits, the guide highlighted about:

1. Safety Measures
2. Personal Hygiene
3. Production process
4. Green initiatives
5. Distributors

They also enlighten about mixing process of wheat, sugar and other ingredients, how to maintain to optimum temperature for baking and several other factors. Moisture plays an important role in production, in case the percentage of moisture is high or low this may lead to contamination. Some of the biscuits which are not of good shape were rejected manually; otherwise the complete process was automated.

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VISIT TO BRITANNIA BISCUIT COMPANY ON APRIL 5, 2019



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VISIT TO SULA WINES -APRIL 5TH 2019

The students visited Sula Wines, Chanapatna, they were briefed about wine production.

Varieties of grapes are harvested, they are crushed and further transferred to fermentor -huge stainless steel vessel, yeast and sugar is mixed. Fermentor consists of pH and temperature controller. The media in the fermentor should be maintained at very low temperature, therefore it is processed in the cold room, transferred in the bottles, later subjected to chilling

FERMENTORS FOR WINE PRODUCTION



[T] GRAPES AFTER CRUSHING FOR WINE PRODUCTION



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CERTIFICATE COURSES CONDUCTED:

The Memorandum of Understanding (**MoU**) was executed on 6th day of September 2018 by GLOBAL CONSUMER PRODUCTS PRIVATE LIMITED (GCPPL), J, C.Road, Bangalore. The certificate course was started for 8-10 students per session. The students were deputed to undergo the sensory evaluation of food products and differentiated flavours and aroma of chocolates, wafers and juices. This course is on-going project.

Global Company – SENSORY TRAINING BY R&D TEAM



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CERTIFICATE FOR INTERN SHIP AT GLOBAL R&D



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2. **CAREER COUNSELLING** –was organized on 8th September 2018 by Alumni Ms. Puja Raunyar from ERASMUS UNIVERSITY (European). Puja highlighted about pursuing PG and pHD in the field of biotechnology in the various companies. Students were motivated to apply for scholarships and study abroad.

3. MENTORING ACTIVITIES

The students are mentored, met regularly once in a week to guide them in different aspects of life. The weaker students are identified and remedial classes are conducted on Thursdays or Fridays usually during lunch hour and break time. Emotionally weak students are chosen, they are motivated to face the challenges in life and excel in their studies.