



Ph : 080 – 26933221

BHS HIGHER EDUCATION SOCIETY

VIJAYA COLLEGE

R V ROAD, BASAVANAGUDI, BANGALORE – 560 004

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

EMAIL ID :

principal@vijayacollege.ac.in

Microbiology workshop

A Report On Workshop On Advanced Molecular Techniques

Department of Microbiology had arranged a Workshop on Current Technologies Involved in Molecular biology and Microbiology in collaboration with Aristogene, Bangalore on 29th and 30th March, 2018 for benefit of 4th sem and 6th sem students of Biological Science. 14 students from BcGMb and CBZ had participated in the same.

Topics covered

- Advanced PCR(Polymerase Chain Reaction)
- ELISA(Enzyme Linked Immunosorbent Assay)
- Techniques involved in Bacteriophage Titration

The objective of this workshop was to train the participants in isolation and a rapid assay of virology, Principles, types and applications of PCR. Principles and types of ELISA.

This workshop is a combination of lectures and hands-on laboratories in Molecular Biology. This intensive course emphasizes on molecular biology laboratory work and covers a wide variety of topics and techniques.

Lecture on DNA and RNA structures, DNA replication, Transcription, Translation

Cloning vectors & Preparation of DNA for cloning.

Ligation, transformation, and screening of recombinant plasmids, Cloning strategies & E. coli genotypes, DNA labeling and RNA probes



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Restriction mapping, PCR theory and applications. The instruments required for the abovementioned workshop was only available to Aristogene, therefore all the participants attended the workshop there only.



Work shop on Advanced Molecular Technology on 29-03-2018 to 30-03-2018



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In collaboration with Aristogene Bioscience Pvt Ltd, Bangalore and Department of Microbiology

Lists of the candidates participating in the workshop

1. Harshita S.S.
2. Harishmitha.N.
3. Shazia Fathima
4. Amrin Fathima
5. Prathiksha
6. Prakruthi
7. Amrutha
8. Nethra
9. Anirudh
10. Aliya Sultana
11. Dinesh Kumar
12. Heena Kauser
13. Lavanya
14. Shivani