

A Brief Report on
GSBTM Sponsored Crash Course at C. G. Bhakta Institute of Biotechnology,
Uka Tarsadia University (UTU), Bardoli
(Phase-II: 17-22nd January, 2019)

The Second phase of GSBTM sponsored workshop was successfully conducted between 17 to 22nd January, 2019, after the success of first phase of Crash Workshop (Between 10-15th December, 2018). The coordinator of the course Dr. Gopal Jee Gopal along with entire team of CGBIBT have taken every possible steps to provide competitive learning atmosphere to participant during the entire crash course tenure. The several Resource Persons were new in the second phase based on the important topics left in the first phase.

Day 1 (17th January, 2019)

Inauguration and Opening remarks

The crash course begins with Dr. Gopal Jee Gopal, Coordinator of the event who welcome all the guests, speakers and participants and in brief tell about need of this crash course. In the inauguration function, Dr. Raufu Ibrahim Adisa from University of Ilorin, Nigeria gave an inspirational lecture to the student. Prof. Krishnamurthy the director of C. G. Bhakta Institute of Biotechnology has also shared very interesting thoughts on importance of taking higher education in career development.



After inauguration function, lectures and presentations on diverse syllabus topics were initiated. Dr. Anil Singh delivered lectures on Gene regulation. Dr. Akhilesh Prajapati delivered lecture on Glycolysis and TCA Cycle. Dr. N Amresan explained in details about Microbiology. The last session was on importance of educational structure and function by Dr. N. Srivathsa

Day 2(18th January, 2019)

Day 2 was started with Dr. Rasik Shah who emphasis on Logarithm and Linear algebra as role of mathematics in biology is increasing day by day and there is need to involve mathematics and statistics in biological research in order to get repeatability and universal acceptance. Another lecture on MHC was delivered by Dr. Raktim Mukherjee. Dr. Jay Bergi gave detailed lecture on Mutation. Next lecture was delivered by Dr. Sanjay Parek on Bacterial Taxonomy. Dr. Gopal Jee Gopal delivered the last lecture on Nucleotide. Mock test was conducted before relieving the student for dinner.

Day 3(19th January, 2019)

Day 3 was packed with diversity of academic points such as Transpiration delivered by Dr. Kavita Mehta. Dr. Sharad Patil explained in detail about Aldehyde and ketones. Dr. Abhishek Sharma gave a very interesting lecture on Cell-Organelles with various question related to his topic. Last lecture was delivered by Dr. Gopal Jee Gopal on the topic Translational machinery. Mock test was conducted at the end of day.

Day 4(20 January, 2019)

Dr. Jaymin Ray, started day 4 with his topic on Semiconductor. Dr. Ajit Joshi Director of Chemistry Department, Uka Tarsadia University Briefly explained Chemical reaction mechanism. Mr. Jay Bergi discusses classical part of molecular biology that is DNA replication in detail. Dr. Niraj Singh takes this opportunity to present his lectures dealing with photosynthesis. Mock test was arranged at the evening.

Day 5 (21st January, 2019)

Dr. Sanket Ray spoke on Cell-Organelles. He describes various organelles like Nucleus, Mitochondria, ER, Ribosomes, etc. Dr. Abhitosh Kedia discuss about physics. Dr. Mukund Thakur delivered lecture on Flowers and fruits. Dr. Digvijay Sinh Rana explained in details about System Physiology Animal. Dr. Sharad Patil also delivered an interesting lecture on Chemical reactions of Aldehyde and Ketons.

Day 6 (22nd January, 2019)

Dr. Kundan Mishra delivered a detail talk on Nucleic acid enzymology, an important topic with exam point of view. Dr. Amit Ballani discuss with student on topic of Immunological disorder.

The valedictory function was happened in auspicious presence of Honorable provost Dr. Dinesh R. Shah, Prof. Krishnamurthy (Director, CGBIBT) and senior faculty members of CGBIBT Dr. Meonis Pithawala, Prof. Rajashekhar Ingalhalli as well as several junior faculty members. Students share their experiences after participating in this crash course. Mock test conducted at the end of every day during the crash course workshop and the top 5 Students of test are appreciated with gifts.





Highlights of Crash Course

1. Around 25 expert faculties from reputed institutions and few from host department (C. G. Bhakta Institute of Biotechnology, UTU) were delivered detail lectures on potent topics (with exam point of view) in order to prepare student in advance for national level competitive exam.
2. Most of the lectures are combination of concept, explanation and multiple choice questions.
3. At the end of each day mock test was conducted.
4. Accommodation, food and tea were arranged at the campus to avoid distraction of students.
5. All the study material is provide to student for future reference purpose.
6. Written feedback from students were collected.

Sr. No.	Name of university/ college	Number of student participated
1	Dept.of Biotechnology,Veer Narmad south Gujarat University,Surat	7
2	Dept. of Biotechnology Shree Ramkrishna Institute of Computer Education and Applied Sciences, Surat.	12
3	Arts, Science and Commerce college Kholwad	7

	college, Kholwad	
4	Government Science College, Vankal	11
5	C. G. Bhakta Institute of Biotechnology, Bardoli	24
6	Naranlala College, Navsari	5
7	B.P. Bariya College, Navsari	2
8.	Dollyben Desai college, Palsana	4
	Total Participants	72