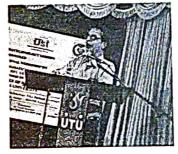# GSBTM sponsored Chemistry and Mathematics for Biologist Workshop

Gujarat State Biotechnology Mission (GSBTM) Sponsored workshop on 'Chemistry and Mathematics for Biologists' was organized by C. G. Bhakta Institute of Biotechnology, Uka Tarsadia University from 24th to 25th February, 2022. Dr. Gopal Jee Gopal, Assistant Professor, C. G. Bhakta Institute of Biotechnology acted as coordinator and Dr. Abhishek Sharma, Assistant Professor, C. G. Bhakta Institute of Biotechnology acted as co-coordinator of the workshop. 43 participants from 5 different universities/institutes of Gujarat including host institutes have participated for the workshop.

Inaugural ceremony of the workshop started with the inauguration ceremony graced by the presence of Dr. R. Krishnamurthy, Director and Dr. Meonis Pithawala, Associate Professor, C. G. Bhakta Institute of Biotechnology and Dr. Ashish Mishra, Professor, Maliba Pharmacy College. Prof. Dr. R. Krishnamurthy blessed the session with his speech. Dr. Ashish Mishra gave the speech to encourage and motivate participant, Dr.Gopal Jee Gopal has given the introductory speech of the session and Dr. N. Srivathsa has given vote of thanks of the inaugural session. The workshop was very well organized by Dr. Nagarathna Supriya, Dr. Abhishek Sharma and Dr. Ami Naik along with various research scholars, Ms. Jinkal Dodiya, Ms. Trupti Gouda, Mr. Nayan Borsadiya.

On first day, Dr. Gopal Jee Gopal conducted test for the participants to refresh the fundamentals of mathematics and chemistry. As speakers, Dr. Urjita Sheth, Assistant Professor, Seth P.T Mahila College of Arts and Home Science, threw light on 'Mole concept and solution preparation'. All the aspects of Molarity, Normality, Molality, Mole fraction, Percentage solution, etc were covered very accurately and precisely by her. This session also included some interesting activities for the participants as well as some brainstorming exercises.
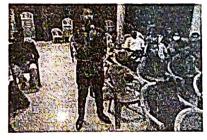
After lunch, Dr. Gopal Jee Gopal, discussed about various national level competitive exams and the types of questions asked in competitive exams. After high-tea, the day had an energetic end with an informative and interactive session on 'Preparation of Solution' by Dr. Gopal Jee Gopal, Assistant Professor, C. G. Bhakta Institute of Biotechnology, Uka Tarsadia University.

On second day, sessions were conducted by Dr. Paresh Patel, Assistant Professor, Department of Chemistry, Uka Tarsadia University discussed about Buffers and their importance in a detailed manner which also included calculations and numerical exercise regarding how to make buffers and their use. After lunch, Gopal Jee Gopal the entire day who guided the students to solve the problems asked during test as well as the mathematical questions asked in various national level competitive exams through some very important aspects of mathematics and chemistry useful in biology.
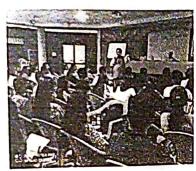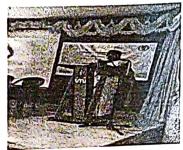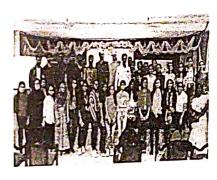

Workshop was ended with the valedictory. Students from various institutes have given the feedback. The feedbacks were positive, telling the word of appreciation about the session, speakers, the novelty of workshop, infrastructure with request to re-conduct such session. The valedictory ceremony witnessed Dr. D. R. Shah, Provost, Uka Tarsadia University and Dr. Ashish Mishra, Professor, Maliba Pharmacy College, Uka Tarsadia University. Dr. D. R. Shah blessed us with his words of wisdom and also encouraged us to organize more events like this in future.

Valedictory event was well organized by Dr. Nagarathna Supriya and Dr. Ami Naik. The GSBTM sponsored workshop on 'Chemistry and Mathematics for Biologists' 2022 was concluded by the speech about conductance of workshop by Dr. Gopal Jee Gopal and vote of thanks by Dr. Nallanchakrvarthulla Srivathsa.

Gopal Jee gopal

Dr. Gopal Jee Gopal

Co-ordinator

R. Krishna

Prof. Dr. R Krishnamurthy

Director

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