

First Pre-Conference Workshop for National Conference on 'Microbiome: The Story Untold!'

Department of Biotechnology, Microbiology, Biochemistry, Botany and Interdisciplinary Science, V.P.M.'s B.N. Bandodkar College of Science, Thane, had organized the first pre-conference workshop for National Conference on 'Microbiome: The Story Untold!' on 25th September, on online platform of Microsoft teams between 3.00-5.00 pm. Total 81 students and 12 faculty members of B. N. Bandodkar College of Science participated in the workshop. Ms. Zahera Momin, Assistant Professor, Department of Biotechnology and Microbiology, compered the event. The event began by reciting Sarasvati Vandana to worship Goddess Sarasvati.

Honorable Principal Dr. Moses Kolet, while addressing the audience, emphasized on the concept of microbiome in various fields and its significance in upcoming research work. Ms. Shruti Gudekar, student of Third Year Biotechnology introduced first speaker of the workshop, Dr. Kalpita Mulye, Head of Department of Microbiology, V.P.M.'s B.N. Bandodkar College of Science. Dr. Kalpita Mulye enlightened the students on the topic 'The Curtain Raiser'. She raised the curiosity of students in the concept of microbiome by initiating the dialogue on evolution and devolution. Various terminologies and concepts related to microbiome were made familiar to the audience. She even shed light on the significance of the microbiome in diverse fields.

The second speaker for the workshop was Dr. Jayashree Pawar, Head of Department of Biotechnology, V.P.M.'s B.N. Bandodkar College of Science, who delivered a talk on '16SrRNA gene analysis: Important tool in microbiome research'. Ms. Shruti Gudekar briefly introduced Dr. Jayashree Pawar. Dr. Jayashree Pawar initiated her talk by introducing the concept of 'The Great Plate Count Anomaly'. She made the audience cognizant about 16SrRNA gene, its significance in microbial typing, process of 16SrRNA gene based microbiome analysis. Pros & Cons of 16SrRNA gene analysis and concept of alpha & beta diversity were also weighed upon.

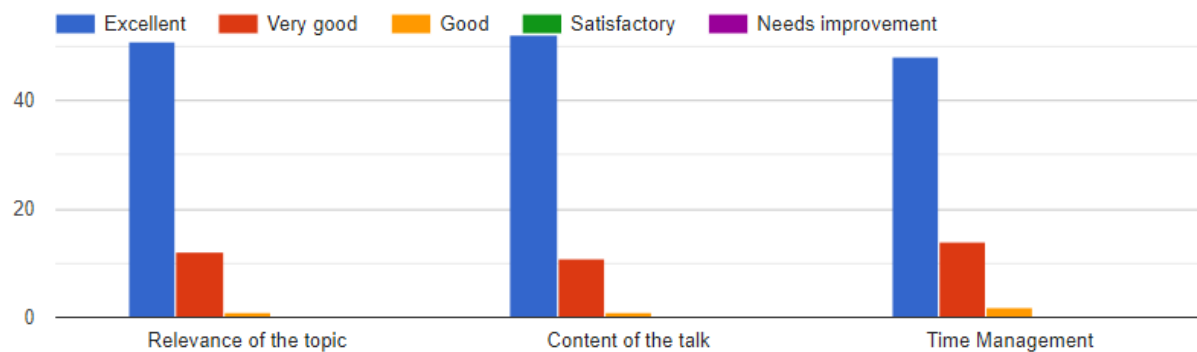
The audience were amazed with the world of Microbiome. The session has definitely trained the participants so that they are all set to swim in the vast ocean of knowledge about Microbiome to be built gradually in the upcoming second preconference workshop and national conference.

Talk was followed by a brainstorming question-answer session. Queries based on intricacies in 16SrRNA gene analysis procedure, criteria of donor selection in FMT, significance of FMT in treatment of Autism, plant related microbiome study and many more were asked.

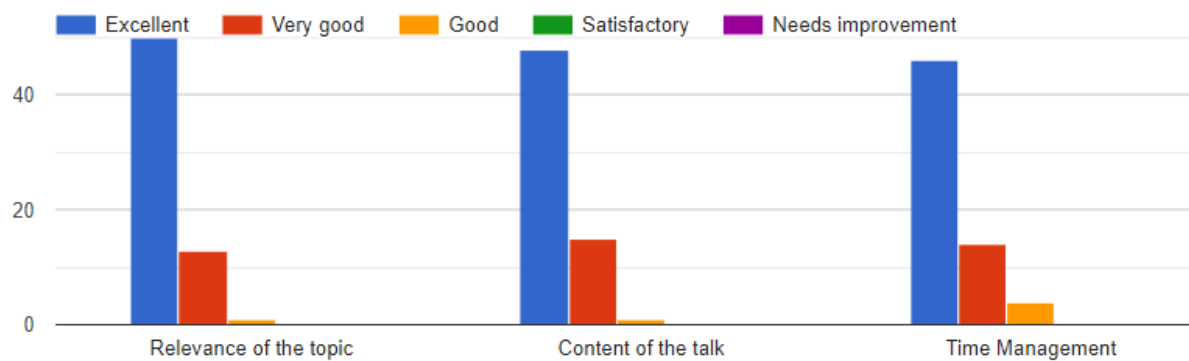
Ms. Zahera Momin gave the vote of thanks and concluded the session. Feedback of the participants was taken through google form.

Participants admired the enlightening first preconference workshop. They were also contended with the organization, technical support and time management of the event. Overall a very positive feedback was obtained from the participants for both the session.

Feedback chart for session delivered by Dr. Kalpita Mulye



Feedback chart for session delivered by Dr. Jayashree Pawar



Following are some of the comments given by the participants:

Knowledgeable workshop

Would like to attend many such session

Amazing session attend by our department grateful to be under such mentors and guides, they are just the enlightening path which are guiding us to achieve the best!! Amazinggg looking forward for the grand premier that is our final session of the untold story about microbiome!!

Looking forward for more such amazing lectures

Excellent and reasearch able thoughts from the Guest regarding microbiom.

Excellent workshop. Thank you

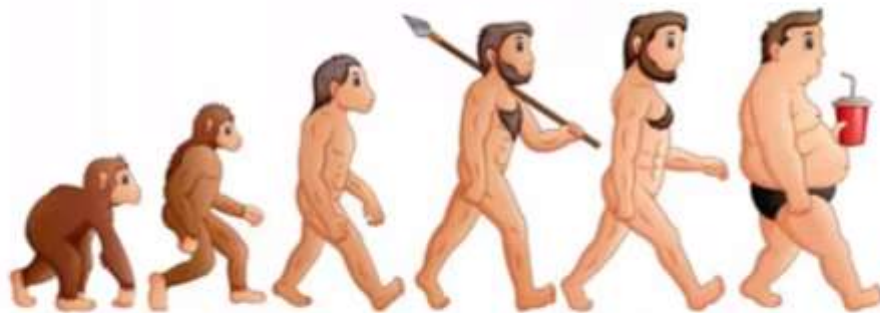
Wonderful session and very interesting knowledge been shared

16S rRNA GENE ANALYSIS: IMPORTANT TOOL IN MICROBIOME RESEARCH

Dr. Jayashree Pawar

Coordinator-Biotechnology, Department of Biotechnology and Microbiology,
VPM's B. N. Bandodkar College of Science (Autonomous)

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