
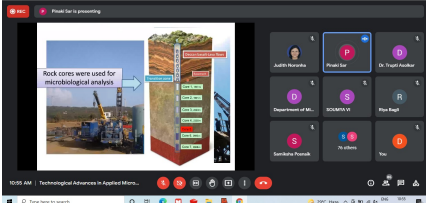
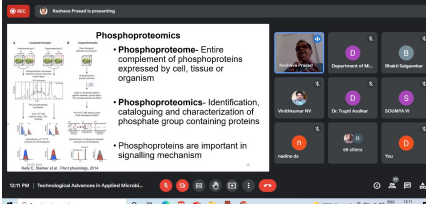
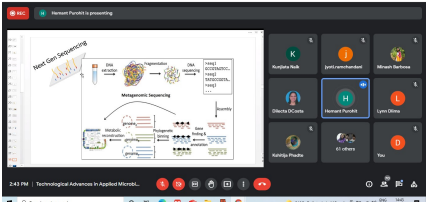


REPORT ON ACTIVITY - Q1

Title of the event	National Webinar on “Technological advances in applied microbiology”
Date and time	10 th -12 th November 2021, 10:00 am to 5:30 pm
Mode	Online
Department	Department of Microbiology
Total Participants	105- M.Sc., Ph.D., faculty, scientists
Resource Person/s	07 Resource persons from different institutes in India (List attached below)
Faculty attended	31 (Goa University - 9, Other university - 22)
Students attended	74 (Goa University - 60, Other university - 14)
No of external participants	34 (included in above distribution)
The objectives / description of the activity (50 words)	To expose the participants towards recent innovations and technologies development in the field of microbiology. To make aware of various innovative tools for exploring microbial diversity, understanding their interactions in ecosystems and microbial diagnostics and detection systems.
Copy of Flyer of the event uploaded on the Goa University Website	https://www.unigoa.ac.in/uploads/config_docs/20211028.113632~Microbiology_Webinar_10Nov.pdf
Google meet URL of the event	<u>meet.google.com/ggr-iedy-bcr</u>
Social Media posts and links:	
Instagram post	Not available
Instagram link	Not available
Facebook post	
Facebook link	https://www.facebook.com/goauniversityofficial/photos/pcb.469661127917978/469660891251335/
Youtube link	https://www.youtube.com/channel/UC7-LkejwwUTW5EnY9Qt_D-Q https://youtu.be/srCwCCIk7jg https://youtu.be/lDV_k4G62XU https://youtu.be/9S3YV_3oUyg https://youtu.be/qcUdhZbsXh8 https://youtu.be/4W7Z8yJNlr0 https://youtu.be/EXU89SfADuU

<p>Photos</p>	
	
	
<p>Benefit/Key outcome of the event in terms of learning/skills/knowledge</p>	<p>Resource person explained the various technologies developed at ACOSTI, NIOT for production of pigments, DHA, ectoine, and recombinant enzymes using marine microorganisms from Andaman Islands. He further deliberated on the patent obtained for the development of Multiplex PCR kit for detection of virulent genes in <i>Enterococcus faecalis</i>.</p> <p>Participants exposed to various innovative technologies in the field of metagenomics specifically to understand the microbial diversity and their functional applications in extreme environments.</p> <p>The participants were introduced to innovative technologies such as SCAR marker based finger print method for strain authentication in biofertilizer.</p> <p>The recent proteomic approaches to study dynamic state of pathogenesis.</p>

List of the Speakers

Sr. No.	Name	Designation	Title of talk	Address
Speaker 1	Dr. Vinithkumar NV	Scientist-F	Marine Microbial Technologies from Andaman Islands	“Atal Centre for Ocean Science and Technology for Islands” (ACOSTI), National Institute of Ocean Technology (NIOT), Andaman and Nicobar islands.
Speaker 2	Dr. Avinash	Scientist D	Understanding Life in	DBT-National Centre for

	Sharma		Extreme Environments; From Conventional Cultivation to High Throughput Sequencing	Cell Science (NCCS), Pune.
Speaker 3	Dr. D. Balachandar	Professor	Recent Trends in Biofertilizer Technology	Department of Agriculture Microbiology, Tamil Nadu Agricultural University (TNAU), Coimbatore.
Speaker 4	Dr. S. B. Barbuddhe	Director	Emerging Zoonotic Infections In India	Director at ICAR National Centre on Meat, Hyderabad, Telangana.
Speaker 5	Dr Pinaki Sar	Professor	Exploring the deep life underneath the Earth crust through genomics	Dept of Biotechnology, IIT Kharagpur, India
Speaker 6	Dr. Prof. T. S. Keshava Prasad	Professor	Proteomics Approach In Medical Microbiology	Professor and Deputy Director, Center for Systems Biology and Molecular Medicine, Yenepoya Research Centre, Mangalore
Speaker 7	Dr. Hemant J Purohit	Scientist	Microbiome: Reorganizing Thought Process	Former Head, Environmental Biotechnology & Genomics Division, CSIR-NEERI, Nagpur.