

ALVAS COLLEGE, MOODUBIDIRE DEPARTMENT OF MICROBIOLOGY

Results: Academic Year 2019-20

VI SEM-100%

ACTIVITIES 2020 -2021

Awareness program:

On the onset of 2nd wave of COVID-19 pandemic, the students of Microbiology, created video contents on its prevention and control. 6 videos were created, in which 70 students and 10 alumni participated actively, and the videos were uploaded to the social media to create awareness.

Video link:

<https://drive.google.com/folderview?id=1KOuFMfa79yHBL7BmAV1YVH7LhjhiEeEv>

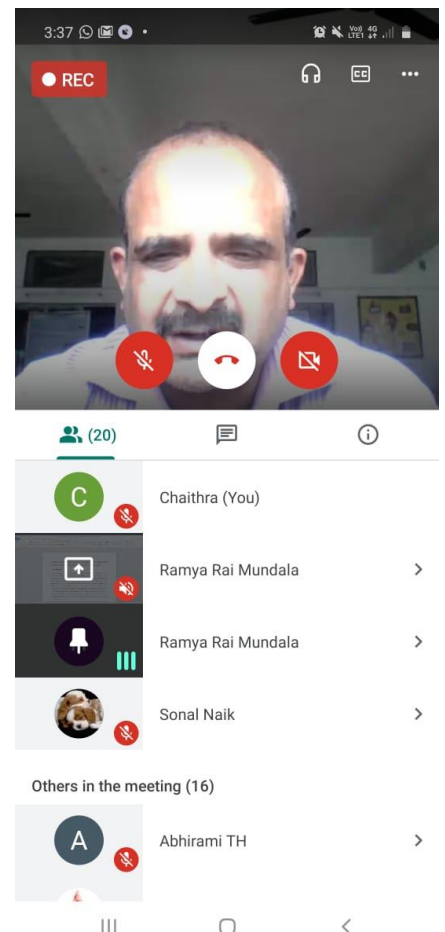
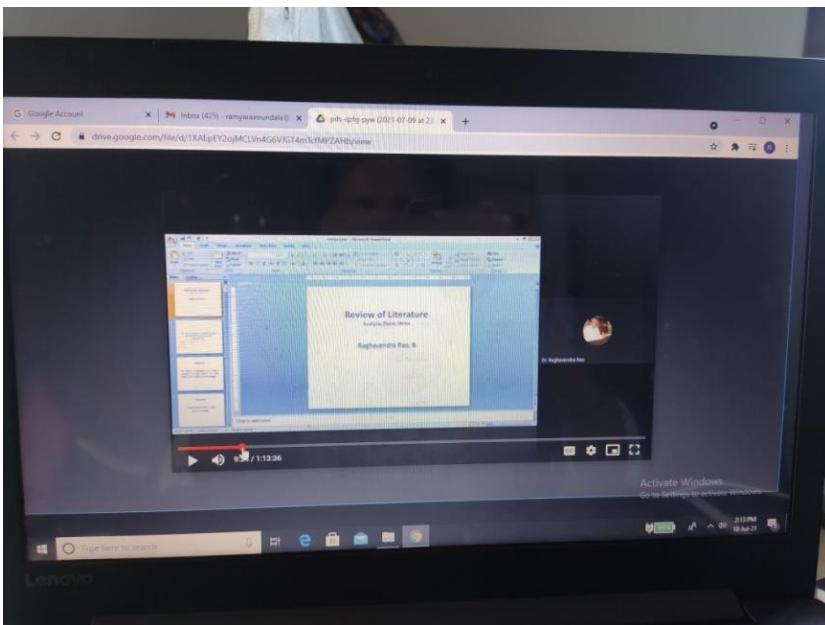
Webinar on Review of literature:

A series of guest talk on “review of literature” was organized by the dept. of Microbiology on Saturday, July 10, 2021 at 11.45 am was a 1st series, followed by series 2 which was conducted on Thursday July 20, 2021 at online platform through Google meet. Dr. RaghavendraRao, Assistant Professor, P.G. Dept. of Biotechnology, Alva`s College, was the speaker for the series, 2nd and 3rd year students (60) of B.Sc. Microbiology was benefited from the needful session.

Google meet link:

Series 1-<https://meet.google.com/pds-qzfg-pyw>

Series 2- <https://meet.google.com/drh-zpfe-gkt>

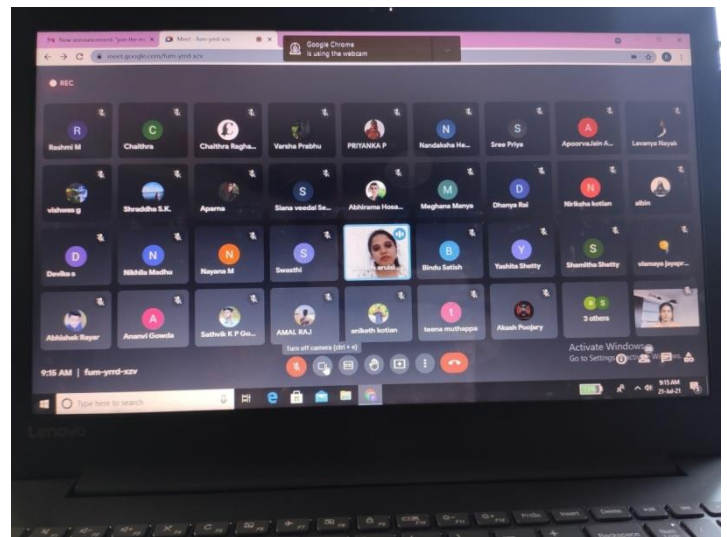
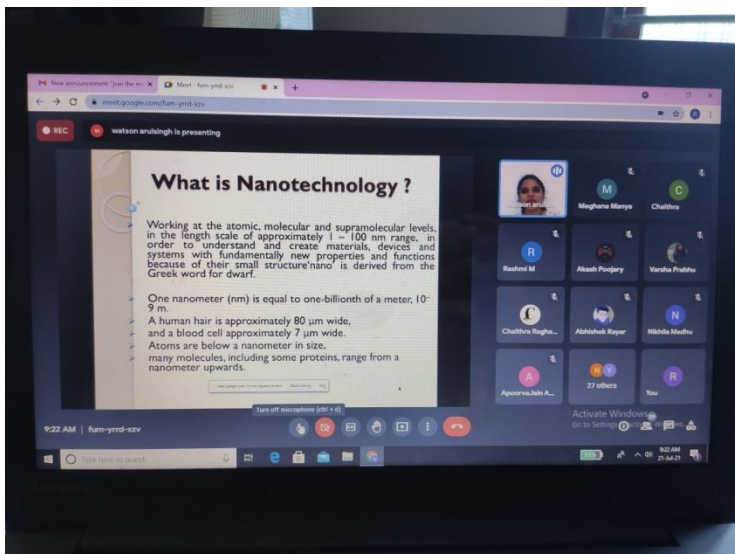


Webinar on Application of microorganisms in Nano-Biotechnology

A guest talk was organized from the Dept. of Microbiology with the title “Application of Microorganisms in Nano-biotechnology” on Wednesday, July 21, 2021 at 9.00 A.M, which was held through Google meet. Dr. E. Jenitta, Associate Professor, Alva’s Center for Research in Nanotechnology, P.G. Dept. of Biotechnology, Alva’s College, was the honorable guest who addressed the gathering. 1st, 2nd and 3rd year students (70) were the benefited from this informative talk.

Google meet link:

<https://meet.google.com/fum-yeed-xyz>



Webinar on “Genetic Mapping of Metabolic Phenotypes in Arabs: An approach to understand etiology and pathogenesis of complex metabolic diseases”.

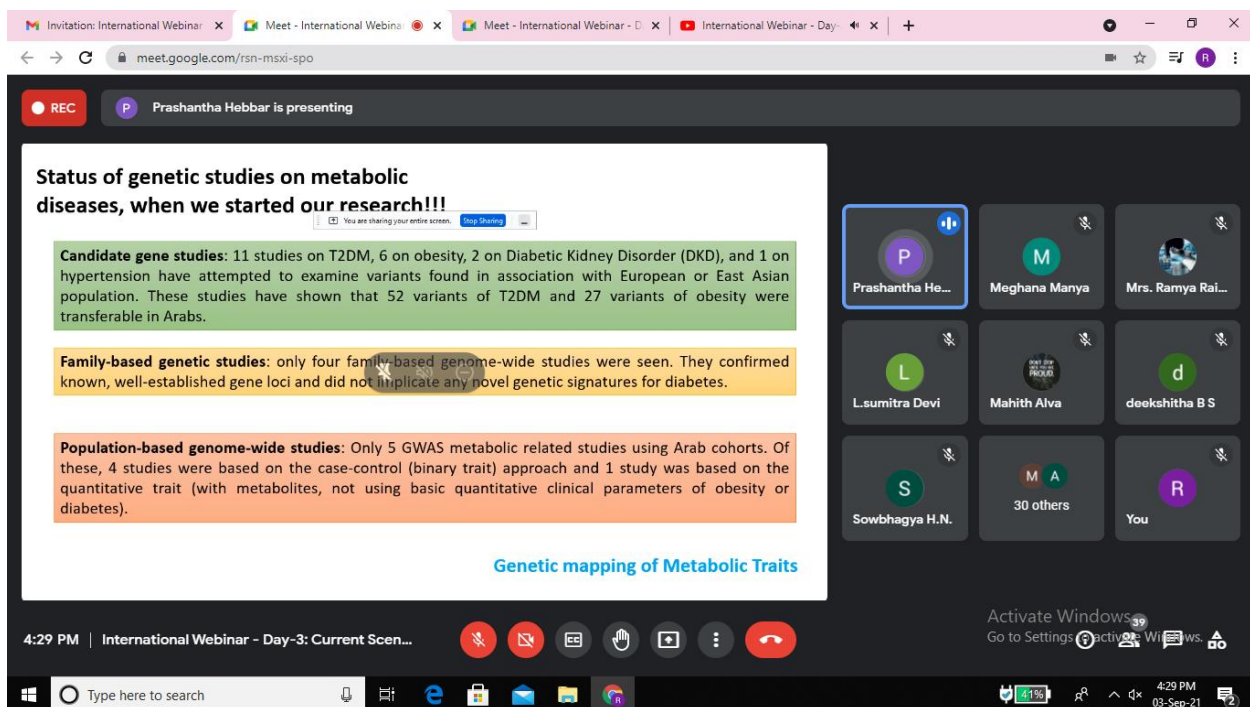
The departments of Science of Alva's College, Moodubidire organized an international webinar on “**Current Scenario in Biological Research**”, a programme under IQAC, from 1st to 3rd September 2021, at 3.00 p.m. -5.00 p.m.(IST) , using **Google meet** as a platform.

On 03-09-2021, guest talk was organized by dept. of Microbiology. **Mr. Prashantha Hebbar K**, Research Associate, Dasman Diabetes Institute, Kuwait, delivered the guest talk on the topic “Genetic Mapping of Metabolic Phenotypes in Arabs: An approach to understand etiology and pathogenesis of complex metabolic diseases”. A total of 388, including international participants were the beneficiaries of the Program.

Google meet link:

<https://meet.google.com/rsn-msxi-spo>

https://youtu.be/o0t_kd1jCfE



The screenshot shows a Google Meet interface during a webinar. The top bar indicates that Prashantha Hebbar is presenting. The main content area displays a slide titled "Status of genetic studies on metabolic diseases, when we started our research!!!". The slide contains three sections of text:

- Candidate gene studies:** 11 studies on T2DM, 6 on obesity, 2 on Diabetic Kidney Disorder (DKD), and 1 on hypertension have attempted to examine variants found in association with European or East Asian population. These studies have shown that 52 variants of T2DM and 27 variants of obesity were transferable in Arabs.
- Family-based genetic studies:** only four family-based genome-wide studies were seen. They confirmed known, well-established gene loci and did not implicate any novel genetic signatures for diabetes.
- Population-based genome-wide studies:** Only 5 GWAS metabolic related studies using Arab cohorts. Of these, 4 studies were based on the case-control (binary trait) approach and 1 study was based on the quantitative trait (with metabolites, not using basic quantitative clinical parameters of obesity or diabetes).

At the bottom of the slide, the text "Genetic mapping of Metabolic Traits" is visible. To the right of the slide is a grid of participant avatars, including Prashantha He..., Meghana Manya, Mrs. Ramya Rai..., L.sumitra Devi, Mahith Alva, deekshitha B S, Sowbhagya H.N., 30 others, and You. The Windows taskbar at the bottom shows the time as 4:29 PM on 03-Sep-21.

Webinar on Role of microbes in dairy industry

A guest talk was organized from the dept. of Microbiology on the topic “Role of microbes in Industry” on 18th September 2021 at 3.00 P.M., which was held through Google Meet. Mr. Akshay Kumar, Scientist, department of Animal Science ICAR, KrishiVijnana Kendra, Bidar, was the honourable guest, who addressed the gathering. 1st, 2nd, 3rd year students of were benefited from this informative talk.

Google meet link:

<https://docs.google.com/forms/d/1CMXwfyEIRT0FhIU9Sh0lO5XCTwpzqbsskE08-v9auZU/edit?usp=drivesdk>

