

Department of Microbiology

Report of the Event

Karpagam Academy of Higher Education

International webinar Report

Faculty Development Program on

Contemporary and Advanced research in life science

June 04-05, 2020

Participants: 70

International Webinar of two-day Faculty Development Program (FDP) on Contemporary and Advanced research in life science was successfully hosted by Department of Microbiology, Karpagam Academy of Higher Education with participation of various disciplines of life science people dated on 04th & 05th June 2020. The Department of microbiology has played a vital role in organizing conferences, seminars, workshops and other such academic activities. Amid lockdown microbiology department is well proposed this webinar with four international speakers. The FDP addresses the various aspects of advances research in life science and promotes student centric effective teaching-learning pedagogy among the participants. This course was aimed for teachers who are teaching various disciplines of life science subjects in colleges or Universities. There were nearly about **70** number of participants registered for this programme from different Universities and Colleges across India and all participants were successfully completed the programme. The programme progressed with opening remarks for the FDP at 10:30 am by Dr. Usha, Prof and Head, Department of Microbiology, followed by welcome address has been given by Dr. N. Sharmila Devi, Assistant Professor Department of Microbiology.

Resource Persons were from reputed academic institutions across the world Dr. K. Ponmurugan, Research Associate, King Saud University, Saudi Arabia; Dr. A.K Murugan, Scientist, King Faisal Specialist Hospital & Research, Riyadh, Dr. S. Balasubramanian, Associate professor, Institute national de la recherche scientifique– Eau Terre Environnement Research Centre, Canada and Dr. M. Saravanan, Associate Professor, Mekelle University, Ethiopia, having expertise in the different relevant areas related to the programme deliver the lectures in this Faculty Development Programme.

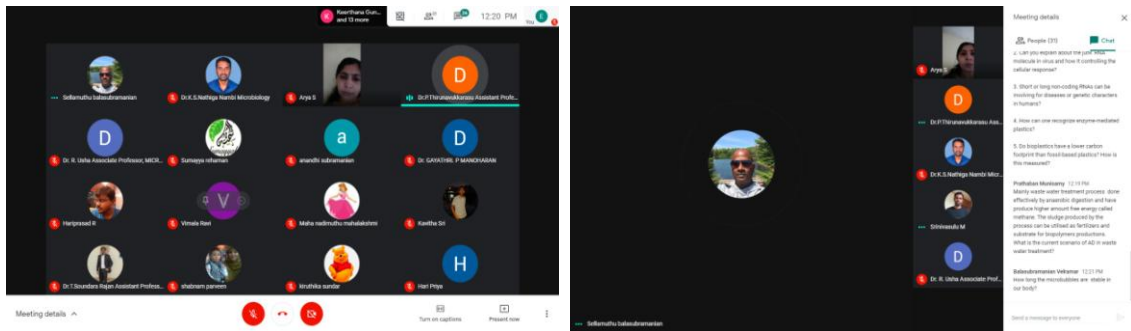
The first webinar session of the day one of the programme was delivered by Dr. K. Ponmurugan titled on “Metagenomics”. As the researcher, he takes the responsibility to make innovation as central to his organization growth and success. He maintains an exemplary role in his career; it has taken him through 12 years of research experience and 20 years of teaching experience. This session focussed on the studies aid in investigating genomic potential of the bacterial community and approaches for understanding new concepts in microbial science. After the lunch break, Dr. A.K Murugan delivered the speech in title on “Genesis of cancer – A focus on Breast cancer”, the awareness and current knowledge of breast cancer. He is a scientist in the Molecular Oncology Department. His area of specializations is molecular Cellular oncology, Signal transduction, Genetics. He has completed his PhD from Tokyo Medical and Dental University, Japan. Post Doctoral Fellow from Hoshi University, Japan and Johns Hopkins University School of Medicine, USA. It was a great opportunity for all the participants to have a session on Breast Cancer. He has explained about the causes and risks of the breast cancer very keenly.

In the second day of the programme, Dr. S. Balasubramanian, delivered talk on Reuse, Recycle and Reduce – Using Biotechnological tools for innovative Bioproducts which was connecting innovations in microbiology towards a green and sustainable future. He is a renowned scientist as well as research associate in the leading research Hospital, Quebec, Canada. He has completed his PhD from INRS-ETE, University of Quebec, Canada. He is a principal investigator of Security & Protection International, Ottawa, Canada. The final session after the lunch break was delivered by Dr. M. Saravanan from Mekelle University, Ethiopia. He mainly talked about his research in the area of nanoparticles titled on “Emerging Nano-Therapeutic Approaches to Compact Antimicrobial Resistance & COVID-19”. He is an outstanding researcher from South India, his rewards includes Israel Government Post Doctoral Fellowship, DST Young Scientist travel fellowship, Young Scientist Award and Best Researcher Award.

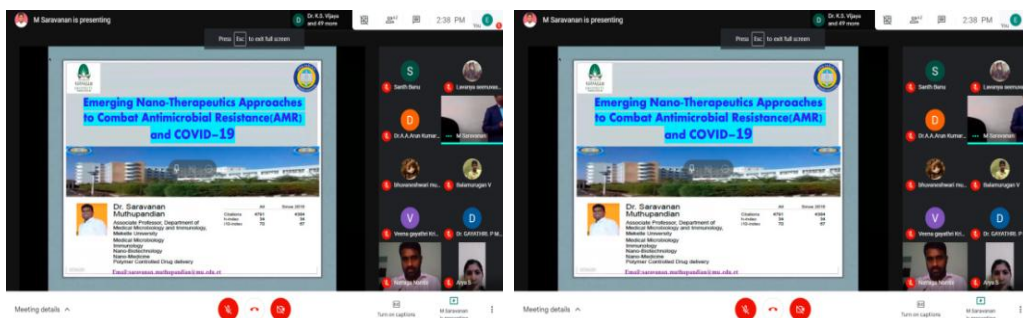
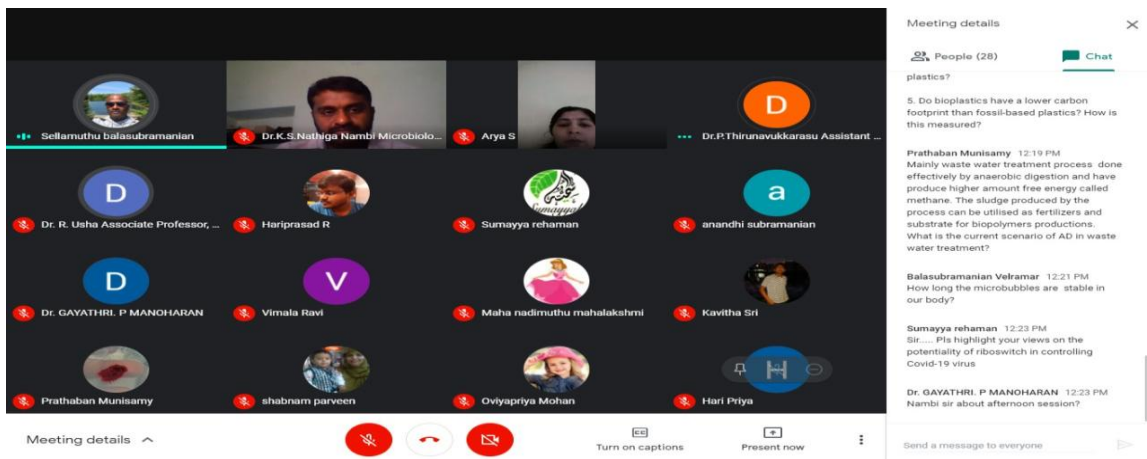
Thereafter Dr. P.Thirunavukkarasu, Assistant Professor, handled question session and conveyed to resource persons put forth by the external participants. In the end Dr. K.S. Nathiga Nambi, Assistant Professor gave the vote of thanks and concluded the two days faculty development programme. This programme has reached many academicians and research scholars to improve their current knowledge on life science research and

development. All the participants were provided with participation certificates followed by the successful completion of webinar event.

Photos of the Event:



Welcome Address



Delivering Lecture

2:26 PM

87.4KB/s

R.Dineshkumar Microbiology (You)

Murugan Avaniyapuram Kannan

Murugan Avaniyapuram Kannan

Dr.N.Sharmila Devi Assistant P...

Others in the meeting (59)

2:25 PM

113KB/s

R.Dineshkumar Microbiology (You)

Murugan Avaniyapuram Kannan

Murugan Avaniyapuram Kannan

Dr.N.Sharmila Devi Assistant P...

Others in the meeting (59)

Causes and Risks

- Personal or family history
- Not having children
- Having first child after age 30
- Radiation therapy to chest/upper body
- Overweight or obese
- Age
- Late menopause
- Diets high in saturated fat
- Your sex
- Estrogen replacement therapy

Causes and Risks

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Suganya Sunder 19 mins

Sir you have mentioned that apple juice is a carcinogen. I wonder coz there is a proverb " an apple a day keeps a doctor away. Could you please explain in detail? What makes apple as carcinogen?

Suganya Sunder 14 mins

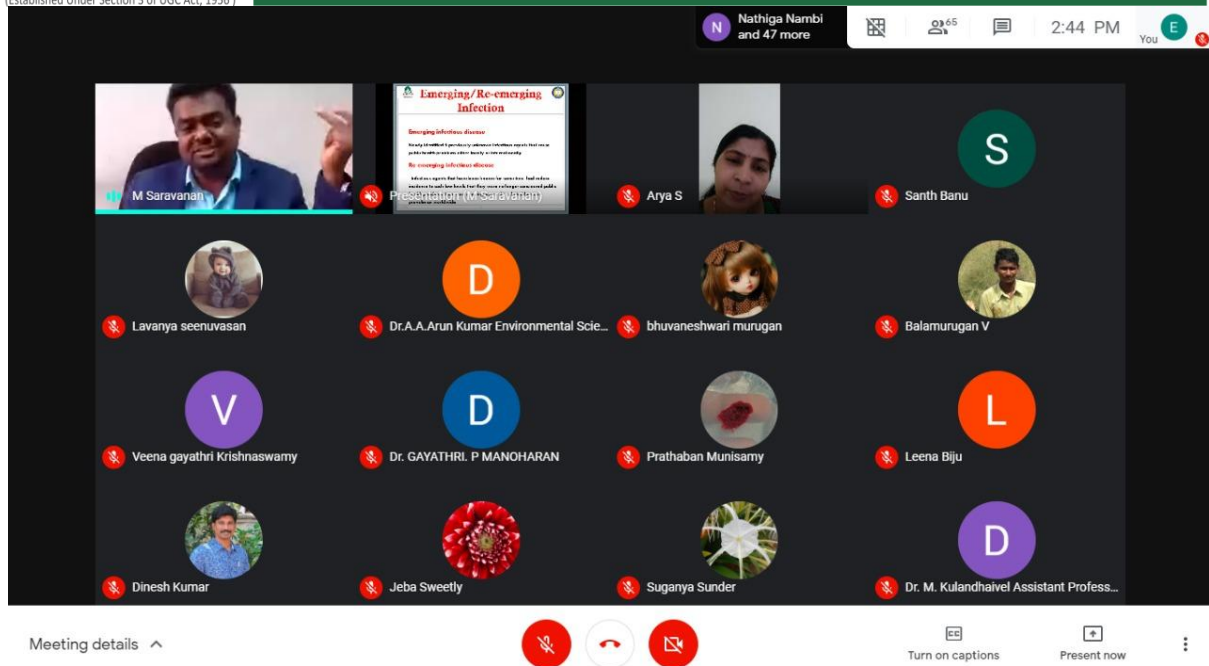
It would be nice if you share you knowledge on systemic scleroderma (autoimmune disease)

Dr. M. Sridhar Muthusami Staff,BIOCHEMISTRY 2 mins

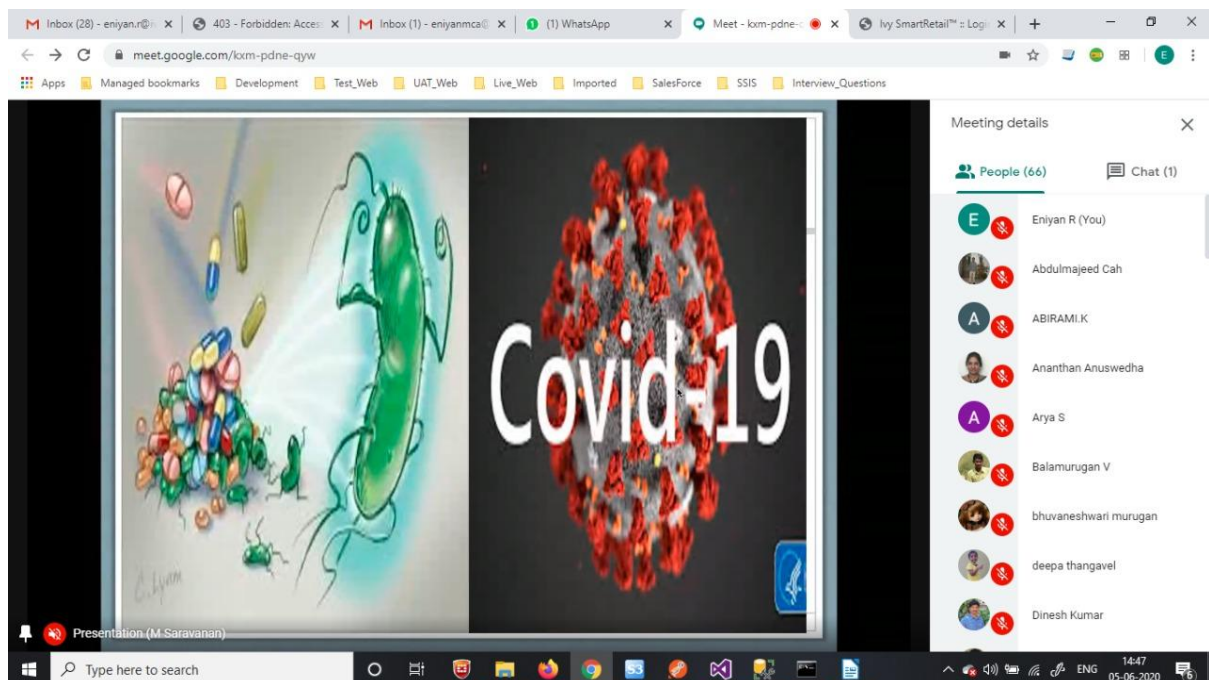
Her2 antibodies are used for neutralising her2 actions, can they be called vaccines?

Send a message to everyone here

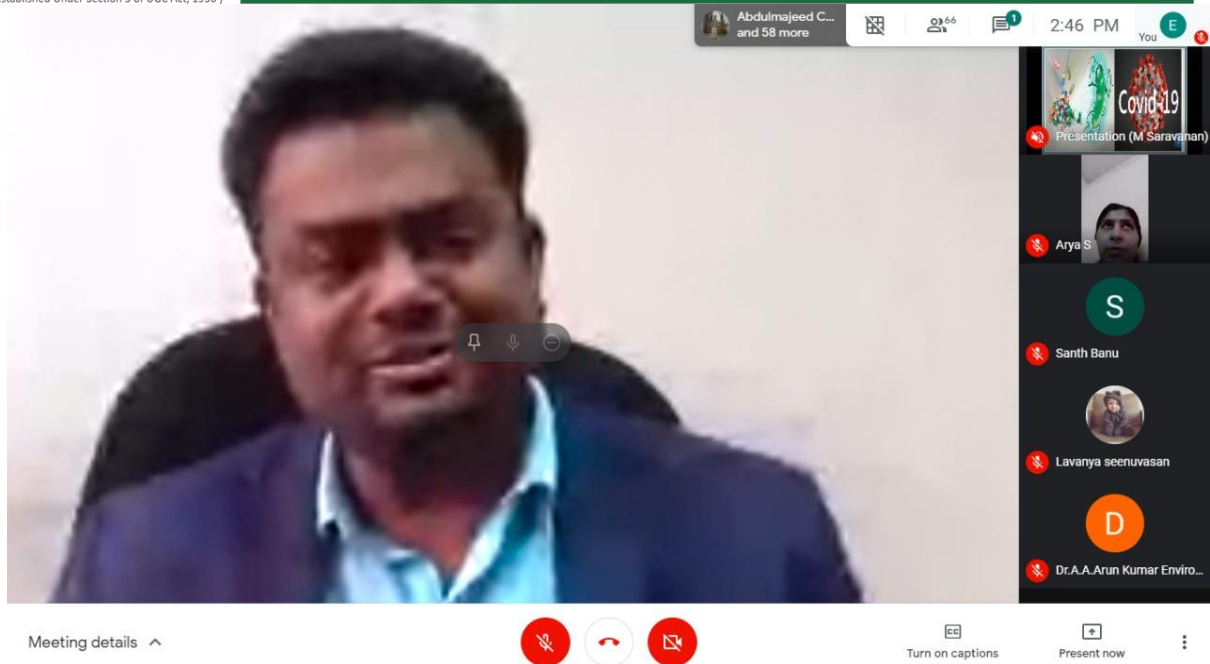
PowerPoint presentation



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Meeting details ^

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Present now

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