

**DEPARTMENT OF MICROBIOLOGY
STUDENT ACTIVITIES
2020-2021**

Alumni Webinar Series

The Departments of Microbiology, Hindusthan College of Arts and Science organized four day Alumni Webinar series from 18th May 2020 - 21th May 2020. The first day session entitled "A newly invented Vit A enriched Golden Rice" on 18th May 2020 between 5.00 PM –6.00 PM. Dr. Lali Growther, Professor and Head of Microbiology welcomed the participants and introduced the resource person and alumni of our department Ms.Varsha, Project Assistant Grade III, Microbial Processing and Technology Department, CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Trivandrum. She addressed the gathering with valuable notes and gave a detailed insight on the basic concepts and steps involved in rDNA technology. The second day session entitled "Agro waste utilization-Waste to Taste" on 19th May 2020 between 11.00 AM –12.00 PM. The resource person and alumni Dr. Ayyappan Palaniappan, Post Doctoral Fellow, Department of Consumer and Food Science, University of Pretoria, South Africa elaborated on food waste and by-products in food industry. The third day session entitled "Distribution of Kinorhyncha in South Andaman Islands" on 20th May 2020 between 2.00 PM –3.00 PM. The resource person and alumni Dr.C.Jeeva, Project fellow (MoEF&CC), Pondicherry University Port Blair Campus, A&N Islands elaborated on his research area on Kinorhyncha and its applications. The fourth day session entitled "Scope of Jobs in Food Industry" on 21st May 2020 between 11.00 AM – 12.00 PM. The resource person and alumni Miss. Nancy, QA Executive Microbiologist, Casino air caterers and Flight services elaborated on job opportunities in the area of Food Microbiology. Nearly 40 participants attended all the sessions which includes our college Microbiology final year students.



The image displays two promotional posters for alumni webinars organized by the PG and Research Department of Microbiology at Hindusthan College of Arts & Science. The posters are for dates May 20 and May 21. The May 20 webinar is titled "Distribution of Kinorhyncha in South Andaman Islands" and features Dr. C. Jeeva as the speaker. The May 21 webinar is titled "Scope of Jobs in Food Industry" and features Nancy as the speaker. Below the posters is a screenshot of a Zoom meeting interface showing a list of 40 participants, including names like Sivarajeshwari Sivakumar, Sivaranjani Santhosh, Sneha S Nair, Sreevidya V, Subasree, surya prakash, Vaishnavi Jayapal, Yegammai, Yuvan Balaji, Yuvashree R, Arud Seya Ninne, and OPPO A5 2020.

“Plant Genetic Engineering towards CRISPR Genome Editing”

The PG and Research Department of Microbiology, Hindusthan College of Arts and Science organized a Live Webinar on “Plant Genetic Engineering towards *CRISPR* Genome Editing” on 23rd June 2020 at 11.00 AM – 12.00 PM. Dr. Lali Growther, Professor and Head, Department of Microbiology welcomed the participants and introduced the alumni and guest of the day Dr. Navveenarani M, Research Scholar, Genetic Transformation Laboratory, Division of Crop Improvement, ICAR Sugar Breeding Institute, Coimbatore. The Chief Guest addressed the gathering with valuable notes on types of gene editing technology followed by CRISPR Genome Editing. Our students actively participated and attended the webinar. The session was very interactive and student’s doubts were cleared as well.

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PG & Research Department of Microbiology

23 JUNE 11:00 A.M

INVITES FOR LIVE WEBINAR ON

Plant Genetic Engineering towards CRISPR genome editing!

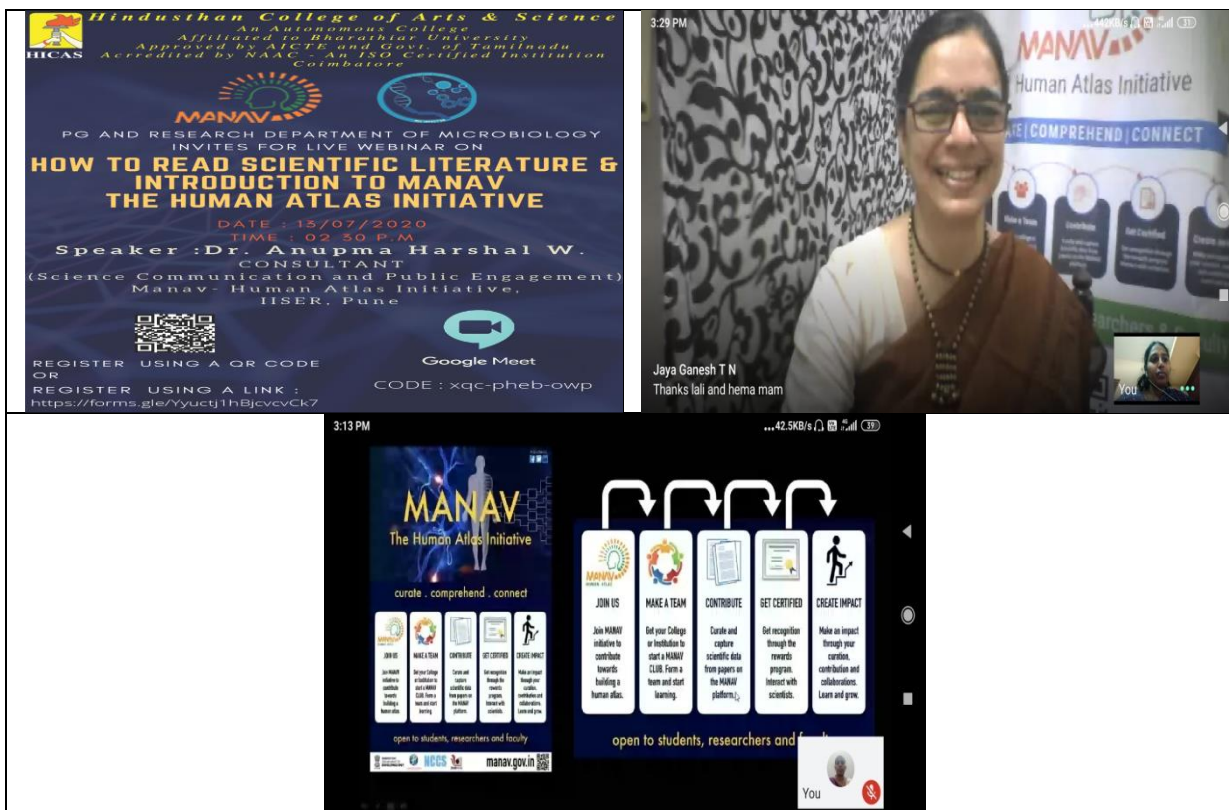
NAVVEENARANI. M
Research Scholar,
Genetic Transformation Laboratory,
Division of Crop Improvement,
ICAR Sugarcane Breeding Institute,
Coimbatore

Zoom ID: 313 906 1915
Password: 9FbU9c

hicasmicrohod@hindusthan.net

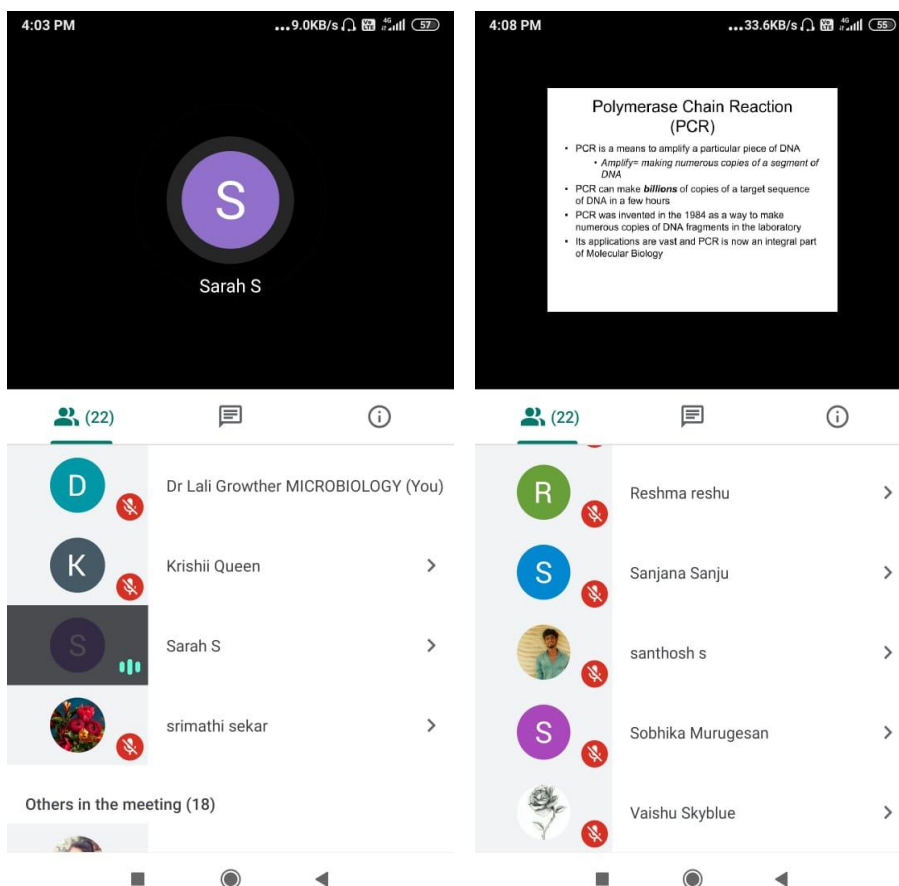
**Webinar on
“How to Read Scientific Literature and Introduction to MANAV The Human Atlas Initiative”**

The PG and Research Department of Microbiology, Hindusthan College of Arts and Science organized a Live Webinar on “How to Read Scientific Literature and Introduction to Manav the Human Atlas Initiative” on 13th July 2020 at 02.30 PM. Dr. Lali Growther, Professor and Head of Microbiology welcomed the participants and introduced the Chief Guest Dr. Anupma Harshal W, Consultant, Science Communication and Public Engagement, Manav-Human Atlas Initiative, IISER, Pune. The Chief Guest addressed the gathering with valuable notes on how to read Scientific literature and gave detailed insight on Manav, Human Atlas Initiative. She shared two assessments link to the attended students on post webinar questionnaire and English proficiency test during the session. Our students actively participated and attended the assessment done under Manav and received e certificate. The session was very interactive and student’s doubts were cleared as well. Nearly 105 participants attended the session.



Webinar on “Molecular Diagnostics”

The Department of Microbiology, Hindusthan College of Arts and Science organized a webinar on “Molecular Diagnostics” on 24th July 2020 (4.00 pm) for II B Sc Microbiology students. . Dr. Lali Growther, Professor and Head of Microbiology welcomed the participants and introduced the Chief Guest Mrs. S.Sarah, Associate Professor and Head, Department of Biotechnology, Dr. R.V. College of Arts and Science, Mettupalayam. The Chief Guest addressed the gathering with valuable notes and gave a detailed insight on PCR technique. She insisted students the importance of Microbiology, Molecular Biology, PCR techniques and Diagnostics. The session was very interactive and student’s doubts were cleared as well. Nearly 30 participants actively participated and attended the session.



TRADITIONAL PRACTICES IN COVID-19

Date & Time - 17.09.2020 - 12:00 PM

The PG and Research Department of Microbiology organized a Live Webinar on Traditional Practices in COVID-19 on 17.09.2020, 12 P.M. Dr.Lali Growther, Professor and Head, Department of Microbiology, welcomed the gathering. Dr.N.Vanitha, Professor, Department of Microbiology introduced the resource person Dr.R.Mary Suja, Director, Willian Research Centre, Nagercoil. The resource person gave a brief on the natural products that can be used to prevent COVID-19. The plants which have medicinal properties and the dosage given for children and adult was clearly elaborated by the resource person. The participants queries were clarified as well. Around 43 participants including students and faculty members actively participated in the webinar. The session ended with vote of thanks given by Dr.R.Manju, Associate Professor, Department of Microbiology.

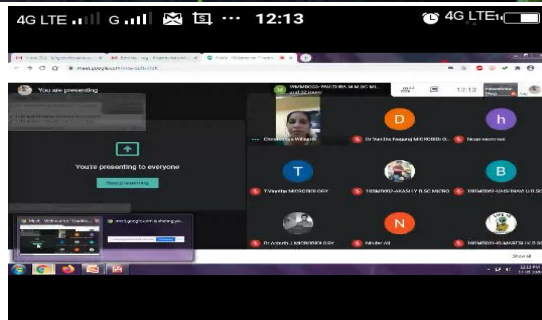
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**PG AND RESEARCH
DEPARTMENT OF MICROBIOLOGY**
INVITES FOR LIVE WEBINAR ON
"Traditional Practices in COVID-19"

Resource Person
Dr. R. Mary Suja
Director,
William Research Centre,
Nagercoil

Date: 17/09/2020
Time: 12 P.M

Google Meet: [mta-dptb-bqk](#)



- (43)
- M Mrs Ajitha C MICROBIOLOGY
 - Christudhas Williams
 - Dr Lali Growther... **NEW**
 - Dr Lali Growther...

WEBINAR ON ROLE OF PROBIOTICS IN AQUACULTURE

Date & Time - 24.09.2020 - 12:00 PM

The PG and Research Department of Microbiology conducted Live Webinar in association with AMIST University, Malaysia on 24.09.2020. Dr. Lali Growther, Professor and Head, Department of Microbiology welcomed the resource person and the participants. Dr.K.Marimuthu, Professor, Department of Biotechnology, Faculty of Applied Sciences, Malaysia was the resource person who gave a detailed insight on his research areas, importance of fish and aquaculture, challenges faced by aquaculture industry, chemotherapy and vaccination in aquaculture, probiotics and its applications, mode of action of probiotics in fish. Around 52 participants including students and faculty members of Microbiology and Food Processing Technology actively participated in the webinar. The session was interactive and the participants queries were clarified by the resource person. The session ended with vote of thanks given by Pragatheesh Singh K, Research Scholar of Microbiology department.

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AIMST UNIVERSITY

PG and Research Department of Microbiology
invites for a live webinar in association with
AMIST UNIVERSITY MALAYSIA
Topic : Role of Probiotics in Aquaculture

Resource Person:
Dr.K.Marimuthu,
Professor,
Department of Biotechnology,
Faculty of Applied Sciences,
Malaysia

Date: 24/09/2020
Time: 12 P.M.
Google Meet ID - nby-vget-evy

4G LTE 12:52

Table I. Summary of antimicrobial activity of the matrix extracts of isolated fish *C. banggaiensis*.

Proteins	Crude extract (mg/ml)	Aqueous extract (mg/ml)	Acidic extract (mg/ml)
Human pathogen	---	---	---
<i>Staphylococcus aureus</i>	---	---	---
<i>Escherichia coli</i>	---	---	---
<i>Pseudomonas aeruginosa</i>	---	---	---
Fish pathogen	---	---	---
<i>Aeromonas hydrophila</i>	---	---	---

Table II. Minimum inhibitory concentration of the matrix extracts against human and fish pathogens.

Proteins	Crude extract (mg/ml)	Aqueous extract (mg/ml)	Acidic extract (mg/ml)
Human pathogen	---	---	---
<i>Staphylococcus aureus</i>	---	---	---
<i>Escherichia coli</i>	---	---	---
<i>Pseudomonas aeruginosa</i>	---	---	---
Fish pathogen	---	---	---
<i>Aeromonas hydrophila</i>	0.2945	0.1455	---

Acidic extract - 31

4G LTE 12:11

Role of Probiotics in Aquaculture

Professor, Dr. K. MARIMUTHU
Department of Biotechnology, Faculty of Applied Sciences
AIMST University
Belong-Beremling, 08100 Semeling Kedah Darul Aman, Malaysia
T: +604 - 429 8081 | F: +604 - 429 8109 | HP: +6016 - 4723672
Email: marimuthu@aimst.edu.my | aquamuthu2k@gmail.com
www.aimst.edu.my

AIMST UNIVERSITY

(52)

Mrs Ajitha C MICROBIOLOGY

Kasi Marimuthu

Kasi Marimuthu

Dr Lali Growther...

(42)

Mrs Ajitha C MICROBIOLOGY

Kasi Marimuthu **NEW**

Kasi Marimuthu

Deepu R. K

Guest Lecture on “Advances in Genomics: Design and creation of synthetic genomes” and “Metabolomics and Future of Medicine”

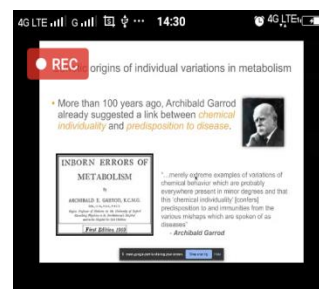
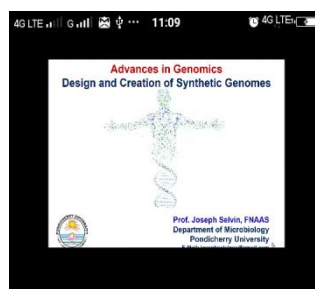
Date, Time: 20.10.2020

Session I - 11:00 AM – 12:00 PM

Session II - 2:00 PM – 4:00 PM

The PG and Research Department of Microbiology organized one day guest lecture on 20th October 2020. The session I started by 11:00 AM with welcome address and chief guest introduction by Dr.Achuth J, Assistant professor, PG and Research Department of Microbiology. The resource person Dr. Joseph Selvin, Professor and Coordinator, Department of Microbiology, Pondicherry University gave an insight on “Advances in Genomics: Design and creation of synthetic genomes” The session was interactive and participants doubts were cleared by the resource person. Vote of thanks was given by Ms.Krithika T, Assistant Professor, PG and Research Department of Microbiology. Around 110 participants including faculty members and students actively participated. The session II started by 2.00 PM with welcome address and chief guest introduction by Dr.Lali Growther, Professor and Head, PG and Research Department of Microbiology. The resource person Dr. Daniel Alex, Associate Professor, Department of Bioinformatics, The Centre for Molecular Data Science and Systems Biology, Sathyabama institute of Science and Technology, Chennai gave an insight on “Metabolomics and Future of Medicine” The session was interactive and doubts raised by students and faculty members were clarified by the resource person. Vote of thanks was given by Mrs.Vinotha T, Assistant Professor, PG and Research Department of Microbiology. Around 100 participants including faculty members and students actively participated in the second session of the guest lecture.

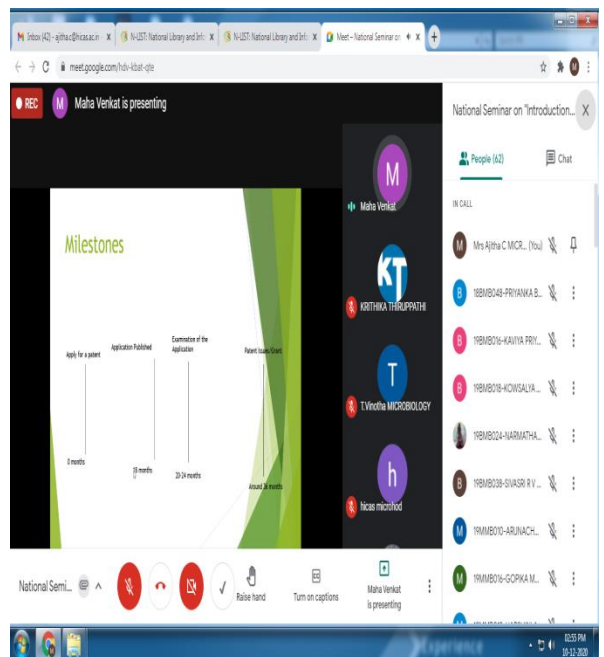
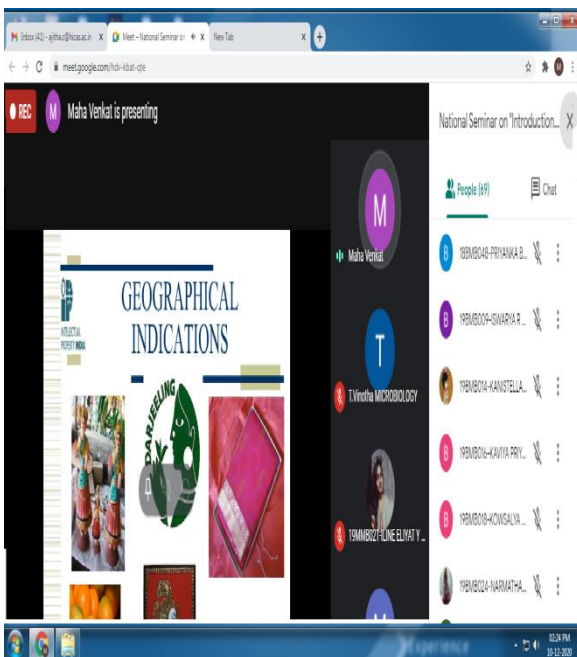
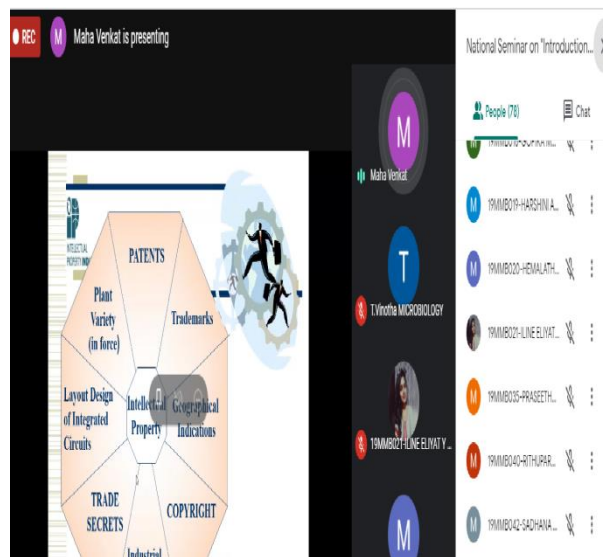
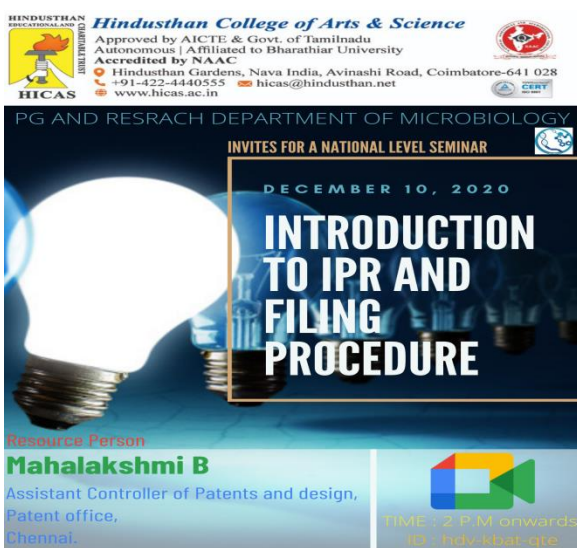
Session	Time	Resource Person	Session	Time	Resource Person
1	11 A.M	Dr. Joseph Selvin Professor and Coordinator Department of Microbiology Pondicherry University Puducherry	2	2 P.M	Dr. Daniel Alex Associate Professor Department of Bioinformatics and The Centre for Molecular Data Science and Systems Biology Sathyabama Institute of Science and Technology, Chennai



National Seminar-Introduction to IPR and Filing Procedure

Date, Time: 10.12.2020 - 2:00 PM

The PG and Research Department of Microbiology organized a National Level Seminar on Introduction to IPR and Filing Procedure on 12th December 2020 between 2.00 PM-3.00 PM. Hemalatha of II M Sc Microbiology welcomed the gathering. Iline Eliyat of II M Sc Microbiology introduced the Resource person of the day Ms.Mahalakshmi B, Assistant Controller of Patents and Designs, Patent Office, Chennai. The resource person briefed on intellectual property rights and how to file for a patent, certain geographical indications and what is copy right and trademarks. The session ended with vote of thanks given by Rithuparna of II M Sc Microbiology. Around 80 participants participated in the event and made the event successful



Guest Lecture on “Rare and Threatened Fauna of Western Ghats”

Date, Time: 20.01.2021 - 12:00 PM

The PG and Research Department of Microbiology organized Guest lecture on 20th Jan 2021 under DBT Star College Scheme. Ms. Jayasree of III B Sc Microbiology welcomed the gathering. Ms. Alycia of III B Sc Microbiology introduced the resource person Dr.G.Christopher, Scientist and Research Coordinator, Advanced Centre of Environmental Studies Sustainable Development, Mahatma Gandhi University, Kottayam. gave a lecture on the topic “Rare and Threatened Fauna of Western Ghats”. All the students of Microbiology department participated and gained knowledge. The resource person gave an insight on Western Ghats as storehouse of endemic flora and fauna. Endangered species are present and around 325 globally threatened species occurs in Western Ghats. Around 60 students participated in the session and their doubts were clarified. The session ended with vote of thanks given by Ms.Preethi of III B Sc Microbiology.

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PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY
ORGANISES A GUEST LECTURE ON

RARE AND THREATENED FAUNA OF WESTERN GHATS

RESOURCE PERSON
Dr G. Christopher
Scientist & Research Coordinator
Advanced Centre of Environmental Studies Sustainable Development (ACCESSD)
Mahatma Gandhi University, Kottayam

DATE : 20/01/2021 TIME : 12 P.M | znk-xaot-hsv

RARE AND THREATENED MAMMALS OF THE WESTERN GHATS

Dr G. Christopher
Advanced Centre for Environmental Studies and
Mahatma Gandhi University, Kottayam

Nilgiri Tahr

57:31 / 1:16:37

Online Workshop-3D Cell Culture Technique

Date, Time: 30.01.2021 - 11:00 AM – 1:00 PM

The PG and Research Department of Microbiology organized an Online workshop on 30th Jan 2021 under DBT Star College Scheme. Ms. Jayasree of III B Sc Microbiology welcomed the gathering. Ms. Alycia of III B Sc Microbiology introduced the resource person Dr.C.Vani, Assistant Professor, Department of Bioscience and Technology, Karunya University, Coimbatore who elaborated on the topic “3D Cell Culture Technique”. All the students of Microbiology participated and gained knowledge. The resource person gave an insight on cell culture and how cells grown in controlled condition generally outside natural environment, on micropropagation and how it is done, MTT assay, 3D cell cultures technique, video clippings of heart makers Koyoto Univeristy, Japan, Spinach leaves can carry blood to grow human tissues and other techniques were shown. Around 90 participants including students and faculty members participated in the online workshop and their doubts were being clarified. The session ended with vote of thanks given by Ms.Preethi of III B Sc Microbiology.

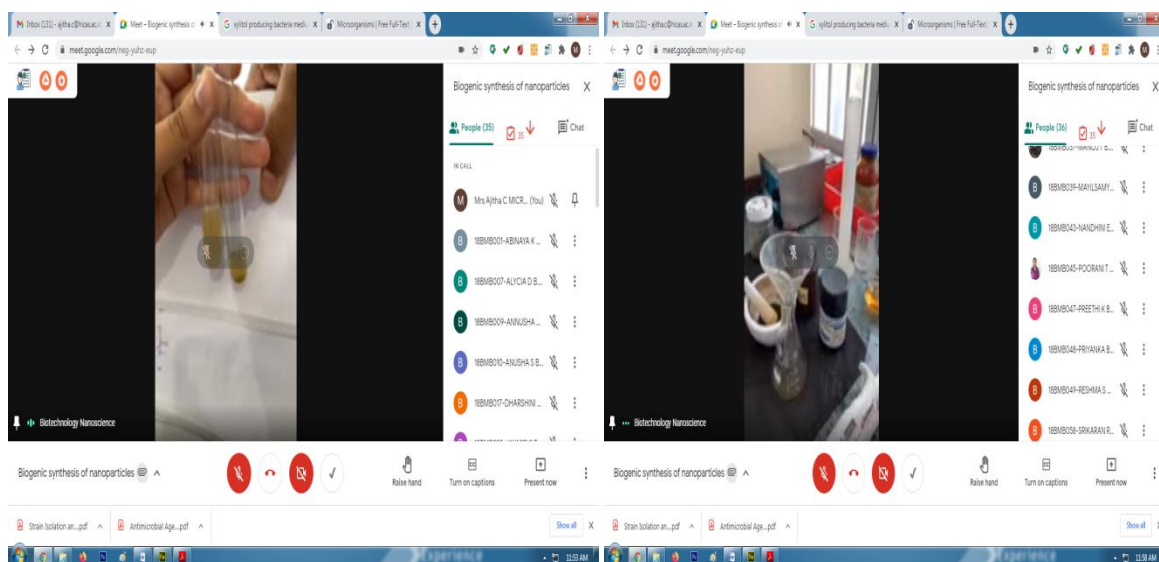
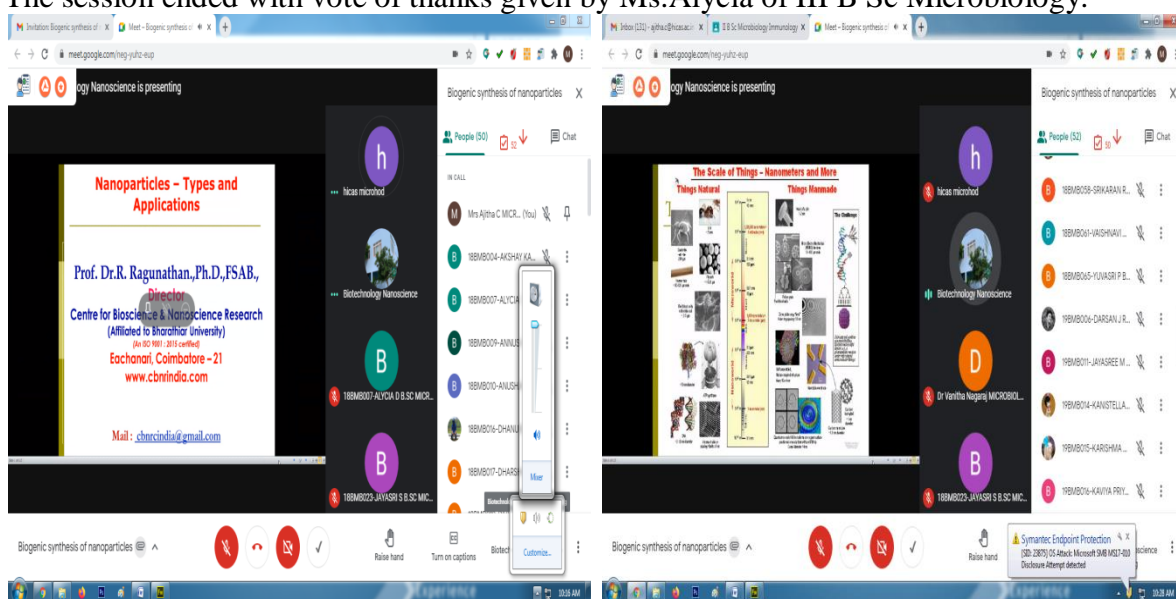
The collage consists of three main images:

- Top Left:** A promotional poster for the "3D CELL CULTURE TECHNIQUE" online workshop. It features the logos of Hindusthan College of Arts & Science (HICAS) and the Institution's Innovation Council. The text includes: "Approved by AICTE Autonomous | Affiliated to Bharathiar University Accredited by NAAC City Campus, Nava India, Avinashi Road, Coimbatore -28 +91-422-4440555 hicas@hindusthan.net www.hicas.ac.in". The organizing department is the "PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY UNDER DBT STAR COLLEGE SCHEME". The resource person is "Dr C Vani, Assistant Professor, Department of Bioscience and Technology, Karunya University, Coimbatore". The workshop is scheduled for "JANUARY 30 • 11:00 AM".
- Top Right:** A screenshot of a Google Meet interface during the workshop. The main window shows a presentation slide titled "Types of Scaffolds" with the following text: "Scaffolds are defined as three-dimension porous solid biomaterials designed to perform some or all of the following functions: (i) promote cell-biomaterial interactions, cell adhesion, and ECM deposition, (ii) permit efficient transport of gases, nutrients, and regulatory factors to allow cell survival, proliferation, and differentiation, (iii) biodegrade at a controllable rate that approximates the rate of tissue regeneration under the culture conditions of interest, and (iv) provoke a minimal degree of inflammation or toxicity in vivo". The Meet interface shows 79 participants and Dr. Vani C. 1132 is presenting.
- Bottom:** A screenshot of a Google Meet interface showing a presentation slide titled "An Outcome of Tissue Engineered Baby". The slide features a photograph of a baby lying on a white surface with a small, dark, cylindrical object placed on its back. The Meet interface shows 79 participants and Dr. Vani C. 1132 is presenting.

Training on Biogenic Synthesis of Nanoparticle

Date & Time: 09.02.2021 - 10:00 AM

The PG and Research Department of Microbiology organized one day Training on biogenic synthesis of nanoparticle on 9th Feb 2021. Dr. Lali Growther, Professor & Head, PG and Research Department of Microbiology welcomed the gathering. Ms.Alycia of III B Sc Microbiology introduced the resource person Prof. Dr.R.Ragunathan, Ph D., FSAB., Director & Research Supervisor, Centre for Bioscience and Nanoscience Research, Coimbatore. The resource person elaborated on how to prepare silver nitrate and zinc acetate nanoparticle synthesis, after the theoretical session, practical session was handled by the resource person till 4.00pm. Students of III B Sc and II B Sc Microbiology participated and benefited from the training program. Around 80 students and faculty members participated in the program. The session ended with vote of thanks given by Ms.Alycia of III B Sc Microbiology.



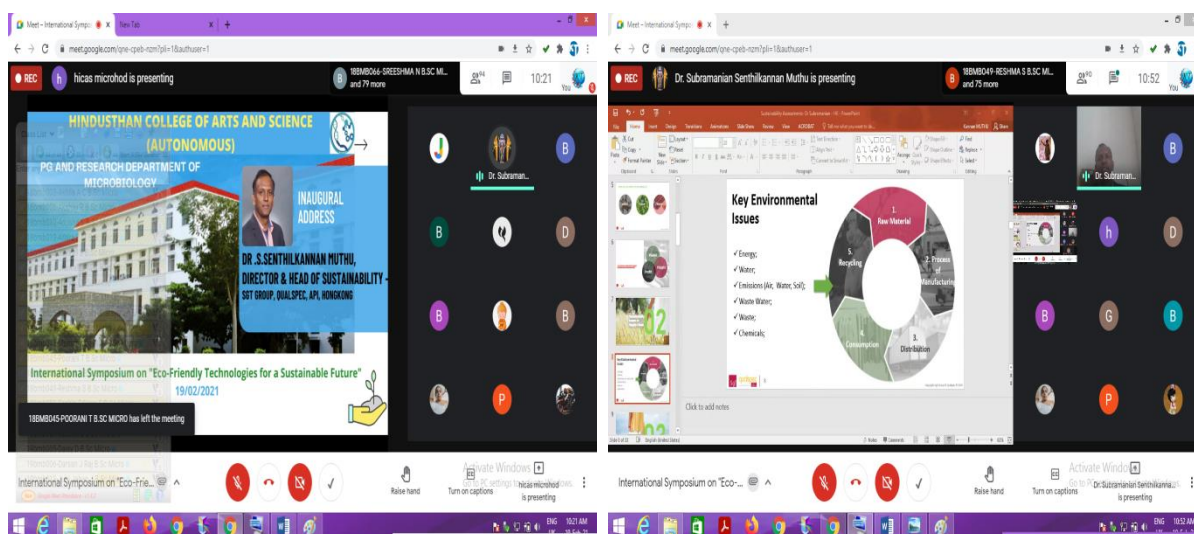
International Symposium-Eco-Friendly Technologies for a Sustainable Future

Date: 19.02.2021

The PG and Research Department of Microbiology, Hindusthan College of Arts and Science, Coimbatore, Tamil Nadu organized a one day International Symposium on "**Eco-Friendly Technologies for a Sustainable Future**" on 19th Feb 2021. The programme started with prayer song by Ms.Priyanka of III B Sc Microbiology. Dr.Lali Growther, Professor and Head, Department of Microbiology welcomed the gathering. The Presidential address was given by Dr.A.Ponnusamy, Principal, Hindusthan College of Arts and Science, Coimbatore. Chief guest introduction was given by Dr.N.Hemashenpagam, Professor, Department of Microbiology. The inaugural address by Dr.S.Senthilkannan Muthu, Director & Head of Sustainability-SgT Group, QualSpec, API, Hongkong. Vote of thanks was given by Dr.R.Manju, Associate Professor, Department of Microbiology.

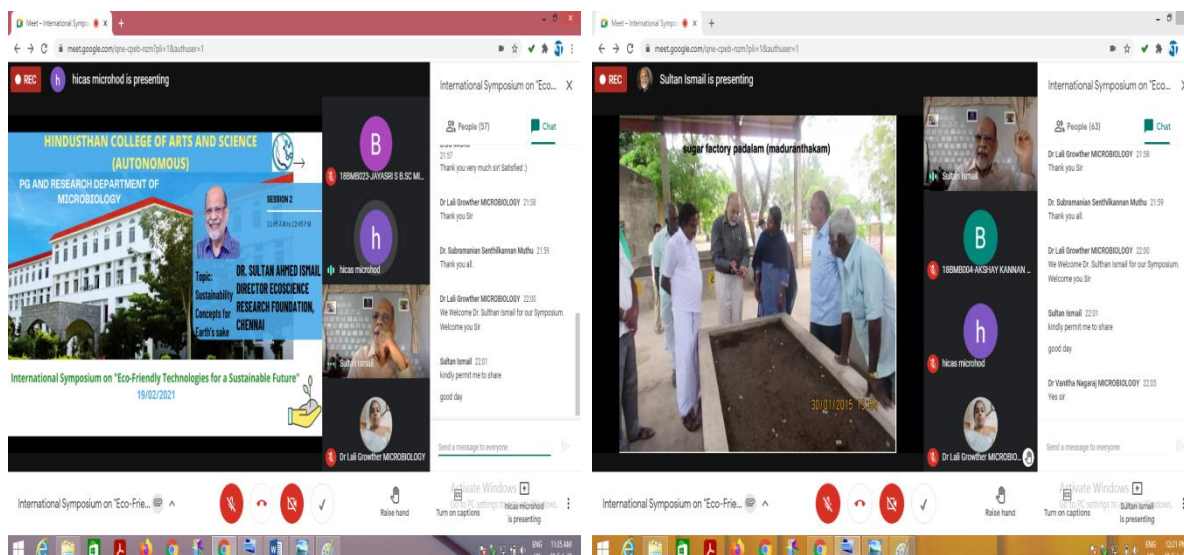
Session I:

The technical session started around 10.30 am. The resource person, Dr.Subramanian Senthilkannan Muthu, Director & Head of Sustainability-Hongkong gave a talk on "**Sustainability Assessments**". Sir elaborated on the key environmental issues such as energy, water, emissions, waste water, wastes, and chemicals, how the raw materials are processed, consumed and recycled. Sustainability assessment has been called the third generation of impact assessment, following environmental impact assessment (EIA) and strategic environmental assessment (SEA). The session was informative and student's queries were clarified by the resource person. The session ended with vote of thanks by Dr. N.Vanitha, Professor, Department of Microbiology.



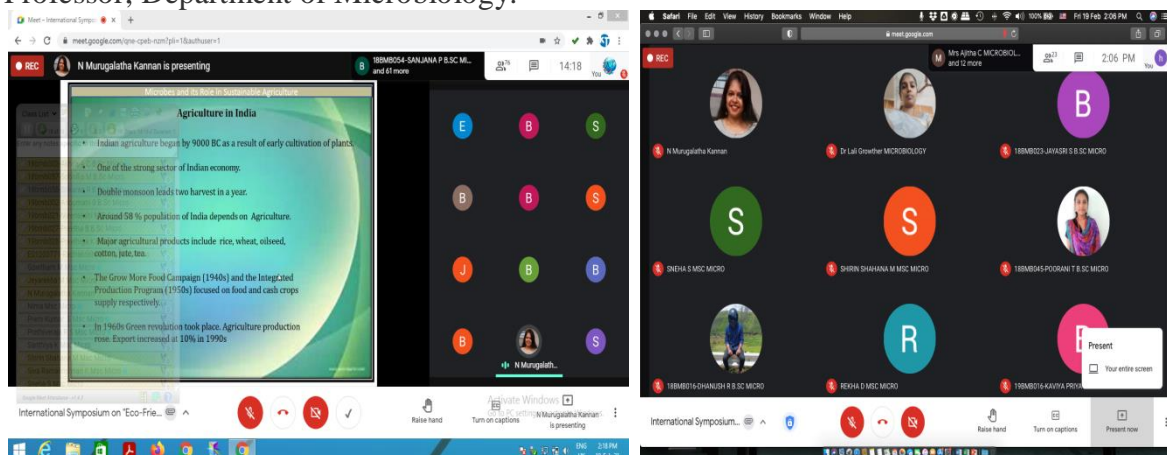
Session II:

The second session started around 11.45 am. Dr.Arun Kumar G, Assistant Professor, Department of Microbiology gave the welcome address and introduced the Chief Guest Dr.Sultan Ahmed Ismail, Director Ecoscience Research Foundation, Chennai. The resource person gave a talk on "**Sustainability Concepts for earth's sake**". The session was quite interesting in which sir gave many practical examples for sustainability. We often hear people talk about sustainable alternatives, but how sustainable are these alternatives, really are was explained by the resource person. The students raised queries and their doubts were cleared by the resource person. The session ended with vote of thanks given by Mrs.Ajitha C, Assistant Professor, Department of Microbiology.



Session III:

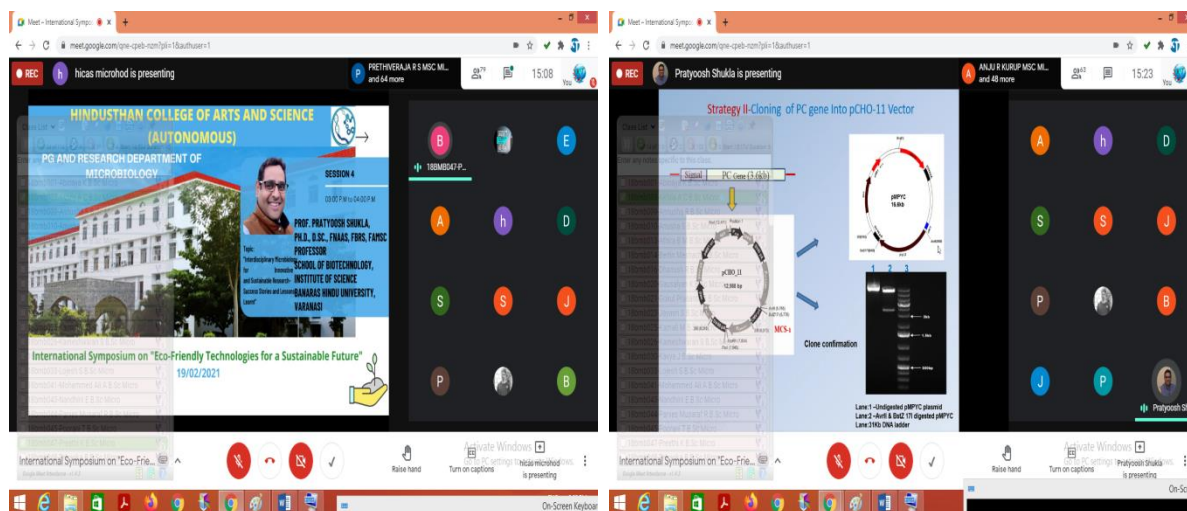
The third session started around 02.00 pm. Dr.T.Vinotha, Assistant Professor, Department of Microbiology gave the welcome address and introduced the Chief Guest Dr.N.Murugalatha, Coordinator, School of Agricultural Studies, Quantum University, Roorkee. The resource person gave a talk on **“Microbes and its role in sustainable Agriculture”**. The resource person elaborated on the role of microbes in sustainable agriculture and biotechnology covers a research area with enormous untapped potential. Chemical fertilizers, pesticides, herbicides and other agricultural inputs derived from fossil fuels have increased agricultural production, yet growing awareness and concern over their adverse effects on soil productivity and environmental quality cannot be ignored. The resource person shared the research work carried out in this area. The students raised queries and their doubts were cleared by the resource person. The session ended with vote of thanks given by Ms. Krithika T, Assistant Professor, Department of Microbiology.



Session IV:

The fourth session started around 03.00 pm. Dr.A.Manivannan, Assistant Professor, Department of Microbiology Assistant Professor, gave the welcome address and introduced the Chief Guest Dr.Pratyooch Shukla, Professor, School of Biotechnology, Institute of Science, Banaras Hindu University, Varanasi. The resource person gave a talk on **“Interdisciplinary Microbiology for Innovative and Sustainable Research-Success Stories and Lessons Learnt”**. The resource person elaborated on the Interdisciplinary research which integrates disciplinary knowledge to create new scientific understanding while transdisciplinary research also incorporates knowledge and participants from beyond science to engage in the research process and inform policy and practice. The resource person


shared many research works with innovative ideas in Microbiology and sustainability research. The students raised queries and their doubts were clarified by the resource person. The session ended with vote of thanks given by Mr. J. Achuth, Assistant Professor, Department of Microbiology.



Parallel sessions on oral presentation was being conducted and all the prize winners and participants were issued e-certificate. The programme ended with national anthem.


Guest Lecture on “Face Masks and Covid-19 Types, When and How to use?”

The PG and Research Department of Microbiology, Hindusthan College of Arts and Science organized a Live Guest Lecture on “Face Masks and Covid-19 Types, When and How to use?” on 10th September 2020 at 12.00 PM – 1.00 PM. Dr. Lali Growther, Professor and Head, Department of Microbiology welcomed the guest and the participants, Mrs. Ajitha C, introduced the Chief guest Dr. S.Jagannathan, Officer Incharge, TCARV Laboratory and QCD - Stability Team, Pasteur Institute of India, Coonoor. The Chief Guest addressed the gathering with valuable notes on using face masks and different types of Covid-19. He explained on how to use the mask and the scenario prevailing now. Around 64 participants attended the guest lecture. Our students actively participated and attended the webinar. The session was very interactive and student’s doubts were cleared as well. Vote of Thanks was given by Dr.N.Hema Shenpagam, Professor, Microbiology Department.




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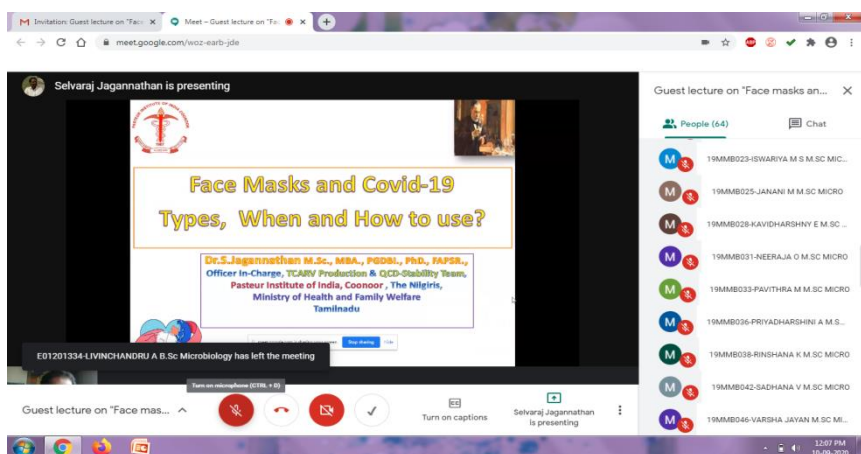
PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY
INVITES FOR LIVE GUEST LECTURE ON
**FACE MASKS AND COVID-19
TYPES, WHEN AND HOW TO USE?**



Speaker
Dr. S. Jagannathan
Assistant Research Officer
Officer Incharge
TCARV Laboratory and QCD - Stability Team,
Pasteur Institute of India
Coonoor



DATE : 10/09/2020
TIME : 12 P.M ONWARDS
ON
ID - woz-earb-jde



Guest lecture on "Face masks an..."

People (64)

- 19MMB023-ISWARIYA M S M.Sc. MIC...
- 19MMB025-JANANI M M.Sc. MICRO
- 19MMB028-KAVIDHARSHNY E M.Sc. ...
- 19MMB031-NEERAJA O M.Sc. MICRO
- 19MMB033-PAVITHRA M M.Sc. MICRO
- 19MMB036-PRIVADHARSHINI A M.S. ...
- 19MMB038-RINSHANA K M.Sc. MICRO
- 19MMB042-SADHANA V M.Sc. MICRO
- 19MMB046-VARSHA JAYAN M.Sc. MI...

Webinar: “Challenges and Opportunities in Microbiology and Biotechnology”

The Departments of Biotechnology and Microbiology, Hindusthan College of Arts and Science organized a Live Webinar on “Challenges and Opportunities in Microbiology and Biotechnology” under DBT Star College Scheme, Ministry of Science and Technology, New Delhi on 5th May 2020 at 12.00 PM. Dr.G.Rajalakshmi, Professor and Head of Biotechnology welcomed the participants. Dr.Mohammed Rafiqkhan, Associate Professor of Biotechnology introduced the Chief Guest Dr. Gopikrishnan Venugopal, Scientist C, Bioprospecting Division, Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai. The Chief Guest addressed the gathering with valuable notes on Opportunities for Bioscience in India and abroad. He insisted students to take up research projects, startups which will help them to become an Entrepreneur as well. He listed out the funding agencies too. The session was very interactive and student’s doubts were cleared as well. Dr. Lali Growther, Professor and Head of Microbiology rendered the vote of thanks. Nearly 75 participants which included our college Biotechnology and Microbiology

final year students, Students from Dr.NGP Arts and Science College, Sri Ramakrishna College for Women and SNMV college of Arts and Science.

