

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS), TRICHY

DEPARTMENT OF BIOTECHNOLOGY

CLUB ACTIVITIES

BOLIVAR CLUB

2021-2022

S. No	DATE	TITLE OF THE PROGRAMME	RESOURCE PERSON	NUMBER OF BENEFICIARIES
1	10/6/2021	Improving the Quality and Visibility of Scientific Research Publications	Dr. SHANDAR AHMED, Professor School of Computational and integrative Sciences, Jawaharlal Nehru University, New Delhi.	120
		Grantsmanship	Dr. K. S. Subramanian, Director of Research, Tamil Nadu Agricultural University, Covai.	120
2	12/8/2021	Practicum for Budding Scientists	Dr. S. R. SENTHILKUMAR, Head and Associate Professor, Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli.	90
3	25/8/2021	IPR and its Role in Research and Innovation	D. THIYAGARAJA GUPTA, Deputy Controller of Patents and Designs, Delhi, Chennai and Kolkata Office, DPIIT, Ministry of Commerce & Industries, Government of India.	125

4	31/8/2021	Career Opportunities in Biotechnology	A.K. RAMYA, Managing Director, Veridian Micro Lab Pvt Ltd., Kalavakkam, Thiruporur, Chennai.	84
5	7/9/2021	Current Issues and Challenges in COVID-19	Ms. C. CYNTHIA, Associate Professor, Department of Biotechnology, Bishop Heber College (Autonomous), Tiruchirappalli.	95
6	16/09/2021	Ozone Day Interdepartmental E – Poster Competition on Reduce Depletion of Ozone, Otherwise you will be in the Red Zone	-	25
7	9/10/2021	How to Read Scientific Literature	Dr. W. ANUPMA HARSHAL, Consultant, Science Communication and Public Engagement, MANAV- The Human Atlas Initiative, IISER, Pune.	154
8	11/10/2021	Application of Bioinformatics in Molecular Medicine	Ms. S. SOLAIPRIYA (Alumna), Research Scholar, Department of Biotechnology, SRM Institute of Science and Technology, Chennai.	100

9	9/11/2021	Future Prospects in Cell and Molecular Biology	Session I: Dr. VIDUTHALAI RASHEEDKHAN REGINA, Senior Research Fellow Singapore, Centre for Environmental Life Science and Engineering (SCELSE), Nanyang Technical University, Singapore.	275
			Session II: Dr. ARUN MEYYAZHAGA , Chief & Director Cytogenetics, Department Eurospes Biomedical Research Center Institute of Medical Science and Genomic Medicine Corunna, Spain.	200
10	12/04/2022	Health and Hygiene	Ms. HANNEKE, Student of Applied Health Science, Howest University, Belgium. Internship Trainee - MM Trust, Trichy.	60

**IMPROVING THE QUALITY AND VISIBILITY OF SCIENTIFIC RESEARCH
PUBLICATIONS on 10.6.2021**



DAY 4: 10.06.2021

**Topic : Improving the Quality and Visibility of
Scientific Research Publications**

**Resource Person: Dr. Shandar Ahmed,
Professor,
School of Computational
and Integrative Sciences,
Jawaharlal Nehru
University, Delhi.**

Time : 11.00 a.m. - 12.30 p.m.

Topic : Grantsmanship

**Resource Person: Prof. K.S. Subramanian,
Director of Research,
TNAU, COVAI.**

Time : 04.00 p.m. - 05.30 p.m.


Link: <http://meet.google.com/irk-bduu-lpz>

Nearly 120 participants attended the session. Dr. Shandar Ahmed discussed about how to be collaborative on doing research and to make that collaborative research publications with good quality. He emphasized that innovative ideas should be implemented on research and to make new methods for a particular objective which could not be standardized anywhere. He highlighted that after we done a quality research, how to present and publish the research work in a reputed journals.

He interacted with the participants about how to select high reputed journals to publish the findings, what are the possible ways to make a collaborative research in a successful way and gave ideas that our research findings will get more visibility through our quality.

Recording You are viewing Shandar Ahmad's screen View Options

How to improve your scientific contents of a research paper




- Stage 1: Identifying the research question
- Stage 2: Planning the research and designing your experiments.
- Stage 3: Executing, attention to details
- Stage 4: Interpreting your results

Join Audio Start Video Participants 115 Chat Share Screen Record Reactions Leave

Recording

Selecting a journal

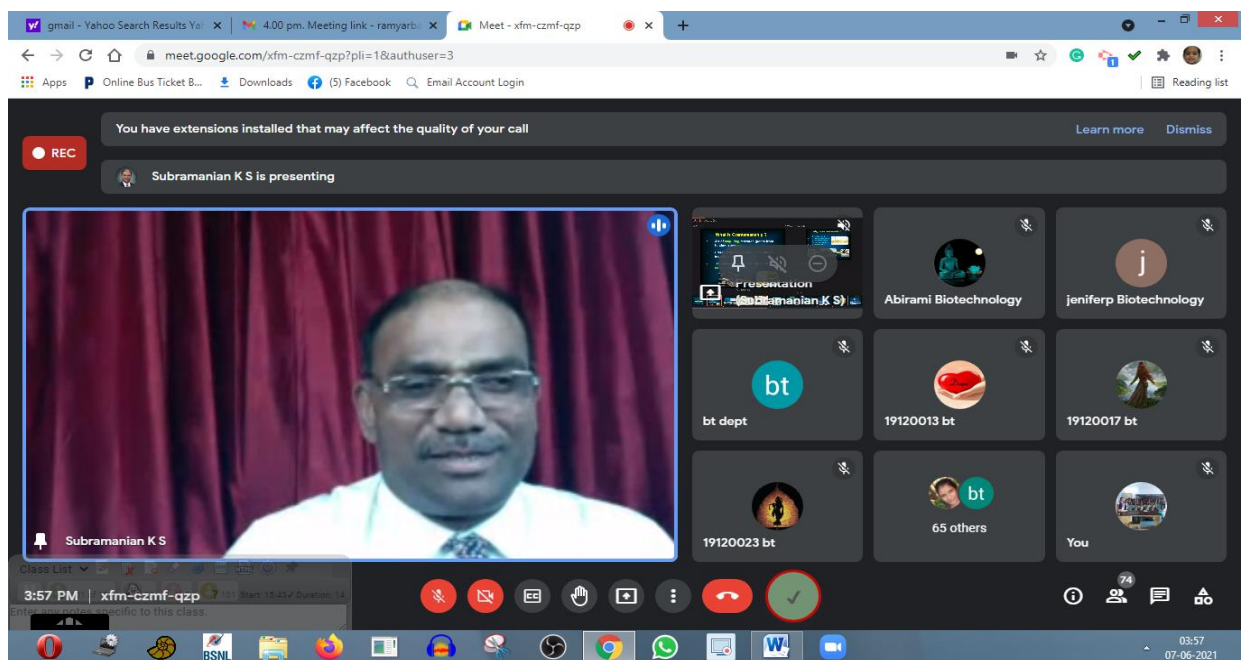
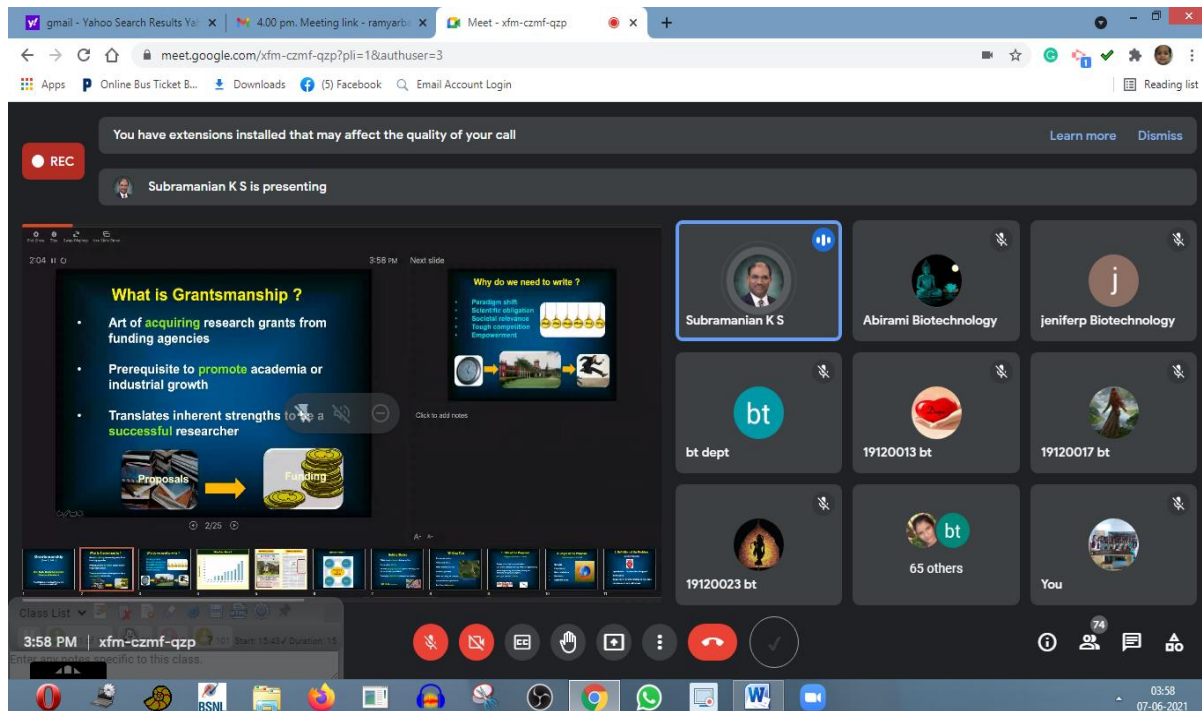


- Consider pre-print submission:
 - Bioarxiv, Arxiv, ResearchGate and other preprint servers
- Learn about the best journals in your field
 - Impact factor
 - Who has been publishing in that journal
 - Who is in the editorial board
 - Is it a predatory journal.

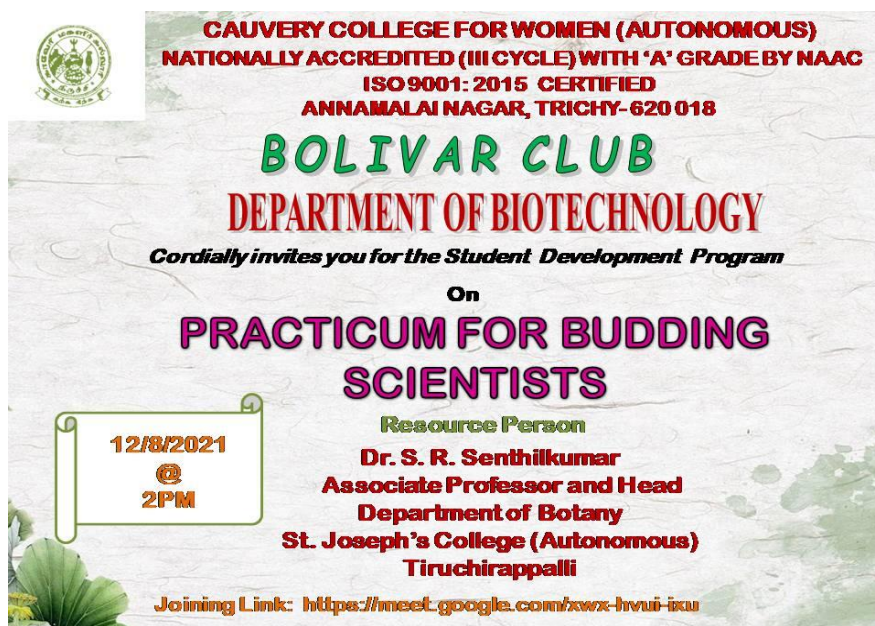
GRANTSMANSHIP on 10.06.2021

Dr. K. S. Subramanian highlighted about what is Grantsmanship? How to get funds from different organizations for our research by enhancing our research proposal in an innovative manner. He discussed about how to write a research proposal for funding agencies in a simple, attractive way but it would be novel. He explained about the steps involved in research proposal writing like Title of the Proposal, Review, Objectives, Hypothesis formation, Time Duration for completion of each objective, Financial

Requirements, the Outcome and Output of it and it would be beneficial to the society. The faculties and students suggested that the programme is very informative and useful in their research career.



PRACTICUM FOR BUDDING SCIENTISTS on 12.08.2021



CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
NATIONALLY ACCREDITED (III CYCLE) WITH 'A' GRADE BY NAAC
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ANNAMALAI NAGAR, TRICHY-620 018

BOLIVAR CLUB
DEPARTMENT OF BIOTECHNOLOGY

Cordially invites you for the Student Development Program

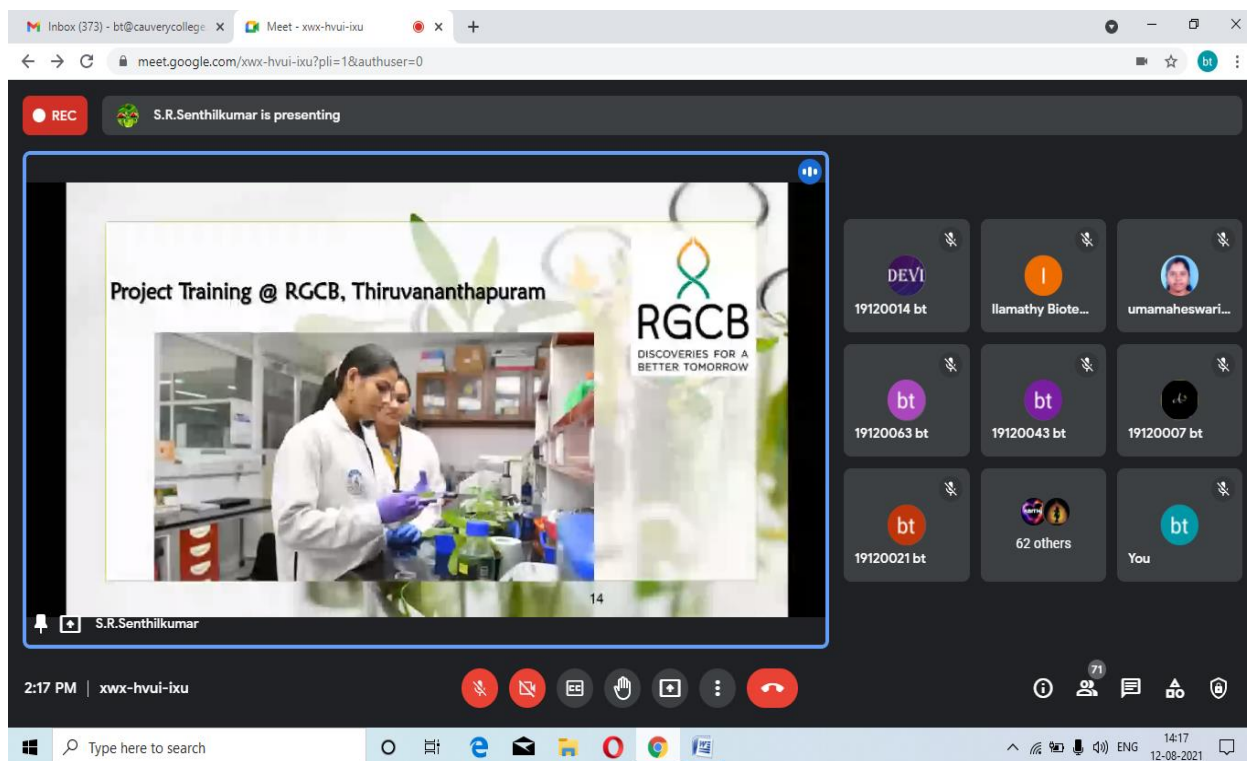
On

PRACTICUM FOR BUDDING SCIENTISTS

Resource Person
Dr. S. R. Senthilkumar
Associate Professor and Head
Department of Botany
St. Joseph's College (Autonomous)
Tiruchirappalli

12/8/2021
@
2PM


Joining Link: <https://meet.google.com/xwx-hvui-ixu>



The screenshot shows a Google Meet interface. At the top, the browser tabs show 'Inbox (373) - bt@cauverycollege' and 'Meet - xwx-hvui-ixu'. The address bar displays the meeting URL: meet.google.com/xwx-hvui-ixu?pli=1&authuser=0. The main video area shows a presentation slide titled 'Project Training @ RGCBC, Thiruvananthapuram'. The slide features a photo of a woman in a lab coat working in a laboratory and the RGCBC logo with the tagline 'DISCOVERIES FOR A BETTER TOMORROW'. The slide number '14' is visible at the bottom right. The top left of the video area has a 'REC' button and the text 'S.R.Senthilkumar is presenting'. The right side of the screen shows a grid of participant avatars. Visible names include 'DEVI 19120014 bt', 'Ilamathy Biote...', 'umamaheswari...', 'bt 19120063 bt', 'bt 19120043 bt', '19120007 bt', 'bt 19120021 bt', '62 others', and 'You'. The bottom of the screen shows the Windows taskbar with the search bar and various application icons. The system clock in the bottom right corner indicates '14:17 12-08-2021'.

Nearly 90 participants attended the session. Dr. S. R. Senthilkumar discussed about how to be collaborative on doing research and internship training in National and International Institutions and in different Biotech Industries. He interacted with the participants about how to select the Institutions for their training period.

IPR AND ITS ROLE IN RESEARCH AND INNOVATION on 25.08.2021



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On

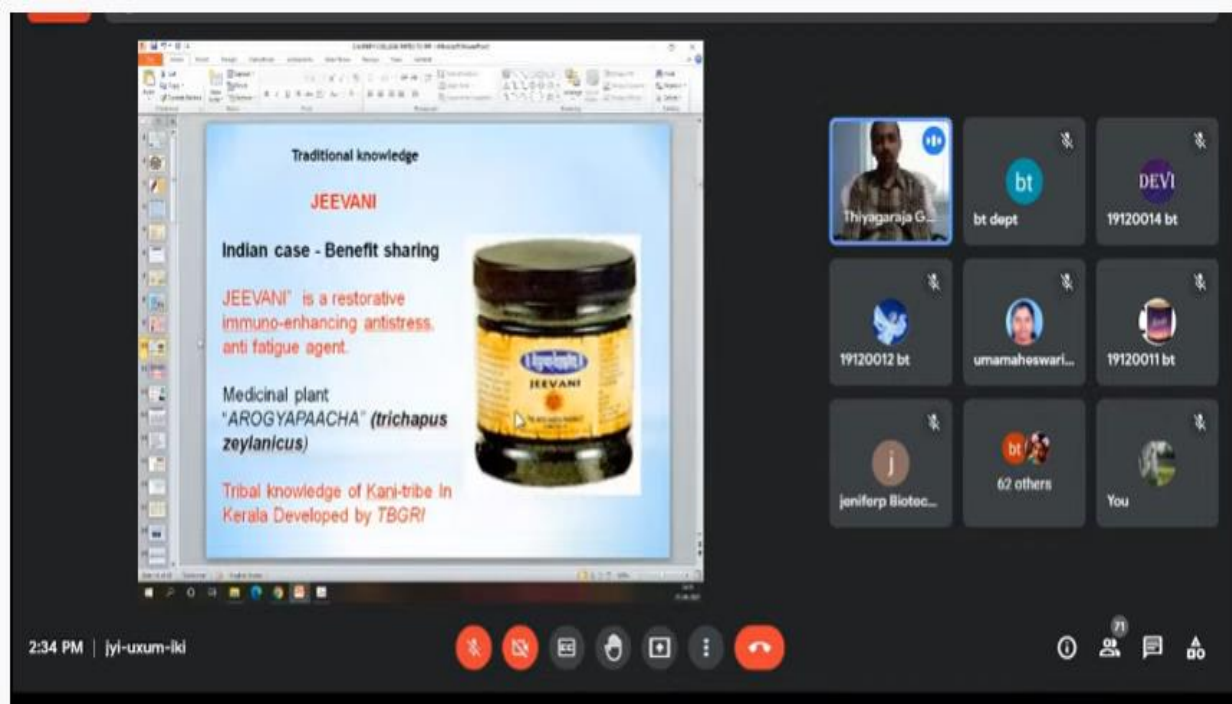
IPR AND ITS ROLE IN RESEARCH AND INNOVATION

Resource Person

D. THIYAGARAJA GUPTA
Deputy Controller of Patents and Designs
Delhi, Chennai and Kolkata Office
DPIIT, Ministry of Commerce & Industries
Government of India

25/8/2021
@
2PM

Joining Link: <https://meet.google.com/jyi-uxum-iki>



The screenshot shows a Google Meet interface. On the left, a presentation slide titled "Traditional knowledge" is displayed. The slide content includes:

- JEEVANI**
- Indian case - Benefit sharing
- JEEVANI[®] is a restorative immuno-enhancing antistress, anti fatigue agent.
- Medicinal plant "AROGYAPAACHA" (*trichapus zeylanicus*)
- Tribal knowledge of Kani-tribe in Kerala Developed by TBGR!

A jar of JEEVANI product is shown on the right side of the slide. On the right side of the Meet window, a grid of participants is visible, including:

- Thiyagaraja G...
- bt dept
- 19120014 bt
- 19120012 bt
- umamaheswari...
- 19120011 bt
- jeniferp Biotec...
- 62 others
- You

At the bottom of the Meet window, the time is 2:34 PM and the joining link is jyi-uxum-iki.

D. Thiyagaraja Gupta discussed about the patent and rights role in research and innovation and explained about how to use these rights products in India and other countries. More than 125 participants attended this session. He interacted with the participants about the patent rights for the products and how to get it.

CAREER OPPORTUNITIES IN BIOTECHNOLOGY on 31.08.2021

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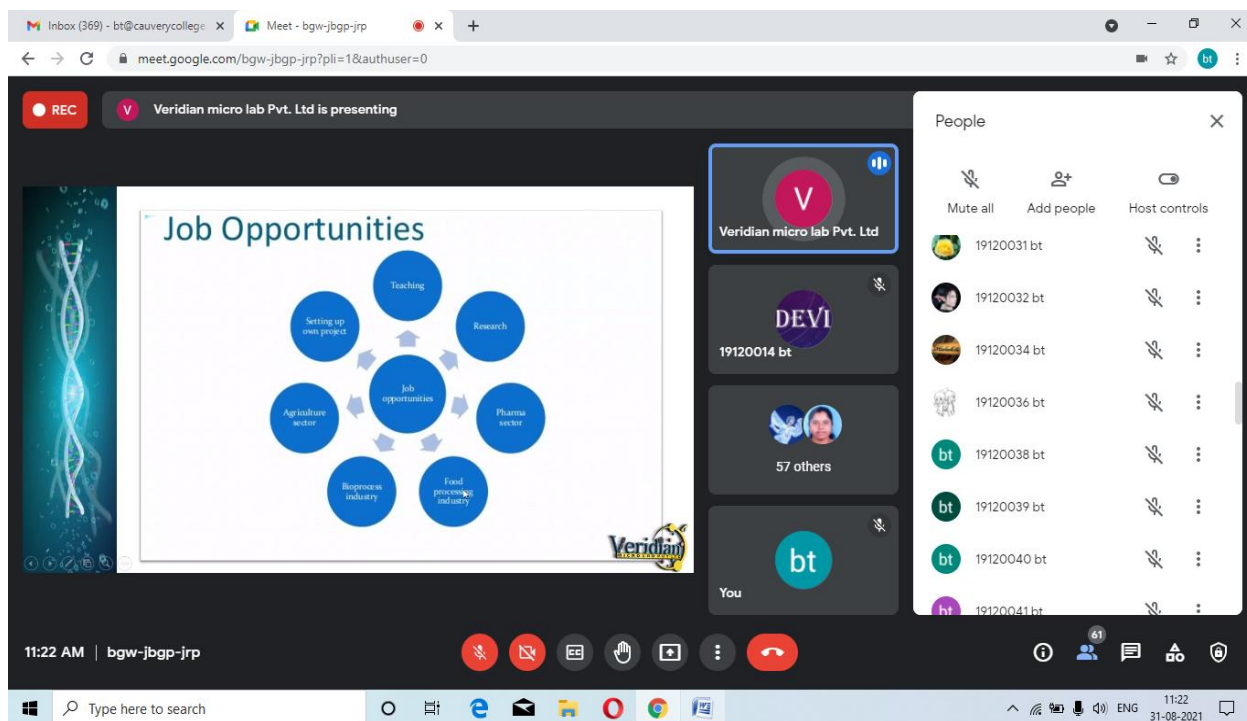


BOLIVAR CLUB
DEPARTMENT OF BIOTECHNOLOGY
Cordially invites you for the Webinar
on
CAREER OPPORTUNITIES IN BIOTECHNOLOGY

RESOURCE PERSON
A.K. RAMYA
MANAGING DIRECTOR ,
VERIDIAN MICRO LAB PVT LTD.,
Kalavakkam, Thiruporur, Chennai - 603110.

 **August 31, 2021 @ 11.00 AM**

 <https://meet.google.com/bgw-jbgb-jrp>



Job Opportunities

Teaching

Research

Setting up own project

Pharmaceutical

Food processing industry

Bioprocess industry

Agri culture sector

Job opportunities

Veridian

Veridian micro lab Pvt. Ltd.

DEVI

19120014 bt

57 others

bt

You

People

Mute all Add people Host controls

19120031 bt

19120032 bt

19120034 bt

19120036 bt

bt 19120038 bt

bt 19120039 bt

bt 19120040 bt

19120041 bt

11:22 AM | bgw-jbgb-jrp

Type here to search

ENG 11:22 31-08-2021

Ms. A. K. Ramya highlighted about the scope of Biotechnology and various career opportunities by giving ideas about self employability. She discussed the ways to start a business related to Biotechnology.

CURRENT ISSUES AND CHALLENGES IN COVID- 19 on 07.09.2021

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BOLIVAR CLUB
DEPARTMENT OF BIOTECHNOLOGY

Cordially invites you for the Webinar
on
Current Issues and Challenges in COVID - 19

RESOURCE PERSON
Ms. C. CYNTHIA
Associate Professor,
Department of Biotechnology,
Bishop Heber College (Autonomous),
Tiruchirappalli – 620017.



7 SEPTEMBER
SEPTEMBER 7, 2021 @ 11.00 AM

 <https://meet.google.com/jpd-jenb-fqw>

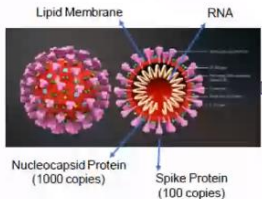
Inbox (370) - bt@cauverycollege x Meet - jpd-jenb-fqw x +

meet.google.com/jpd-jenb-fqw?pli=1&authuser=0

REC Ms.Cynthia. C BHC is presenting


DIAGNOSTICS OF COVID-19

SARS-CoV-2 virus



Diagnostics strategies

- 1 DETECTION OF THE VIRUS RNA
GENETIC MATERIAL
(Nucleic acid test)
- 2 DETECTION OF THE INTACT VIRUS
(Antigen detection test)
- 3 DETECTION OF ANTIBODIES
(Serological test)



12:03 PM | jpd-jenb-fqw

jenovamercy bt ambiga bt sridevi bt
nazeera banu bt irudhayarexi bt priyadarshini1...
Ms.Cynthia.C 71 others You

Type here to search

12:03 07-09-2021

Ms. C. Cynthia highlighted about the topic COVID virus. She emphasized about the issues related to COVID and how to overcome from it. The participants suggested that the programme is very informative and useful to tackle the problems regarding COVID in their day to day life.

OZONE DAY INTERDEPARTMENTAL E –POSTER COMPETITION ON REDUCE DEPLETION OF OZONE, OTHERWISE YOU WILL BE IN THE RED ZONE on 16/09/2021



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BOLIVAR CLUB

DEPARTMENT OF BIOTECHNOLOGY

Organizes

INTERDEPARTMENTAL E –POSTER COMPETITION


On SEPTEMBER 16, 2021

**THEME: “REDUCE DEPLETION OF OZONE,
OTHERWISE YOU WILL BE IN THE RED ZONE”**



Students from other disciplines were actively participated in this competition. Nearly 25 participants send their E- Poster's. Among them, 3 of them were selected as I, II and III and they are awarded with the E- Certificates.

HOW TO READ SCIENTIFIC LITERATURE on 09.10.2021



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You are cordially invited for the virtual
"Training and Project Awareness" Session Under Project
MANAV - THE HUMAN ATLAS INITIATIVE
(Funded by DGT and Co-funded by Persistent Systems Ltd.)
on
HOW TO READ SCIENTIFIC LITERATURE

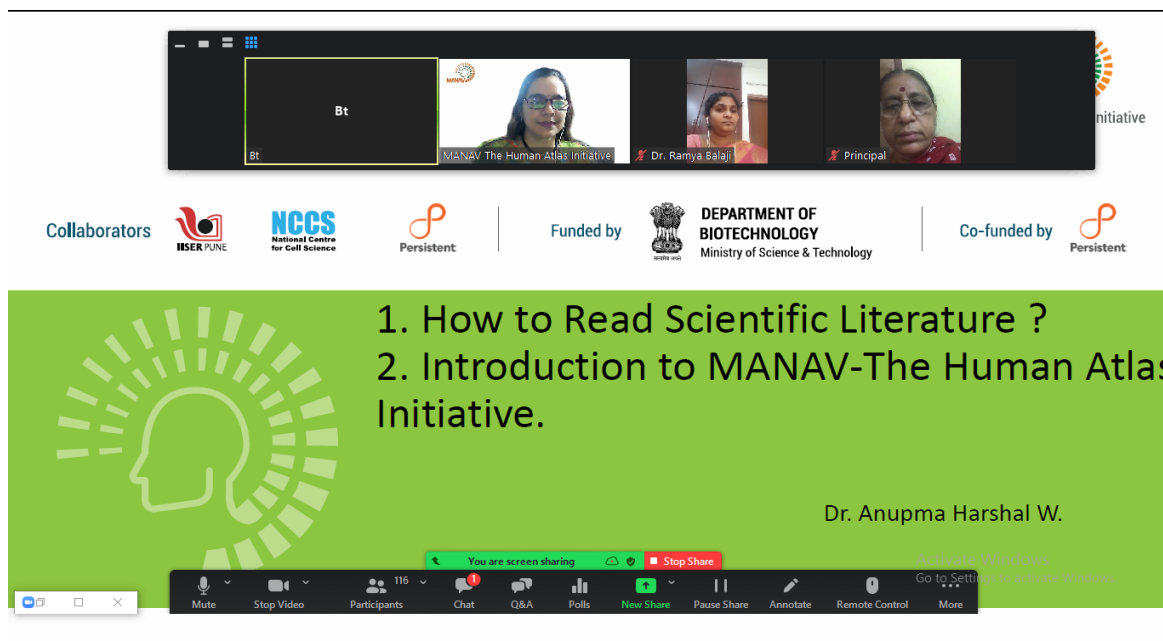
Resource Person
Dr. ANUPMA HARSHAL. W
CONSULTANT
(Science Communication and Public Engagement)
Manav - The Human Atlas Initiative, IISER, Pune.

Organized by
DEPARTMENT OF BIOTECHNOLOGY
in association with
MANAV - THE HUMAN ATLAS INITIATIVE, IISER, PUNE.

Date: 09/10/2021 @ 3 PM
For Registration: <https://forms.gle/axS8ERxy1PuRnzFz5>

PLATFORM: ZOOM

Target audience: Students / Teachers / Researchers
All participants will receive a downloadable E-certificate on successful completion of post-session online QUIZ.



The Zoom meeting interface displays a presentation slide with a green background and a white silhouette of a head with radiating lines. The slide content is as follows:

1. How to Read Scientific Literature ?
2. Introduction to MANAV-The Human Atlas Initiative.

Dr. Anupma Harshal W.

Below the slide, the Zoom toolbar is visible, showing options like Mute, Stop Video, Participants (116), Chat, Q&A, Polls, New Share, Pause Share, Annotate, Remote Control, and More. A status bar at the bottom indicates "You are screen sharing" and "Stop Share".

Collaborators: IISER PUNE, NCCS National Centre for Cell Science, Persistent


Funded by: DEPARTMENT OF BIOTECHNOLOGY, Ministry of Science & Technology

Co-funded by: Persistent

Dr. W. Anupma Harshal highlighted about How to read different research articles for our research by enhancing our research work in an innovative manner. She discussed about how to read and understand a research work in a simple way. She explained about the Outcome and Output of it and it would be beneficial to the students for their research.


APPLICATION OF BIOINFORMATICS IN MOLECULAR MEDICINE on 11.10.2021



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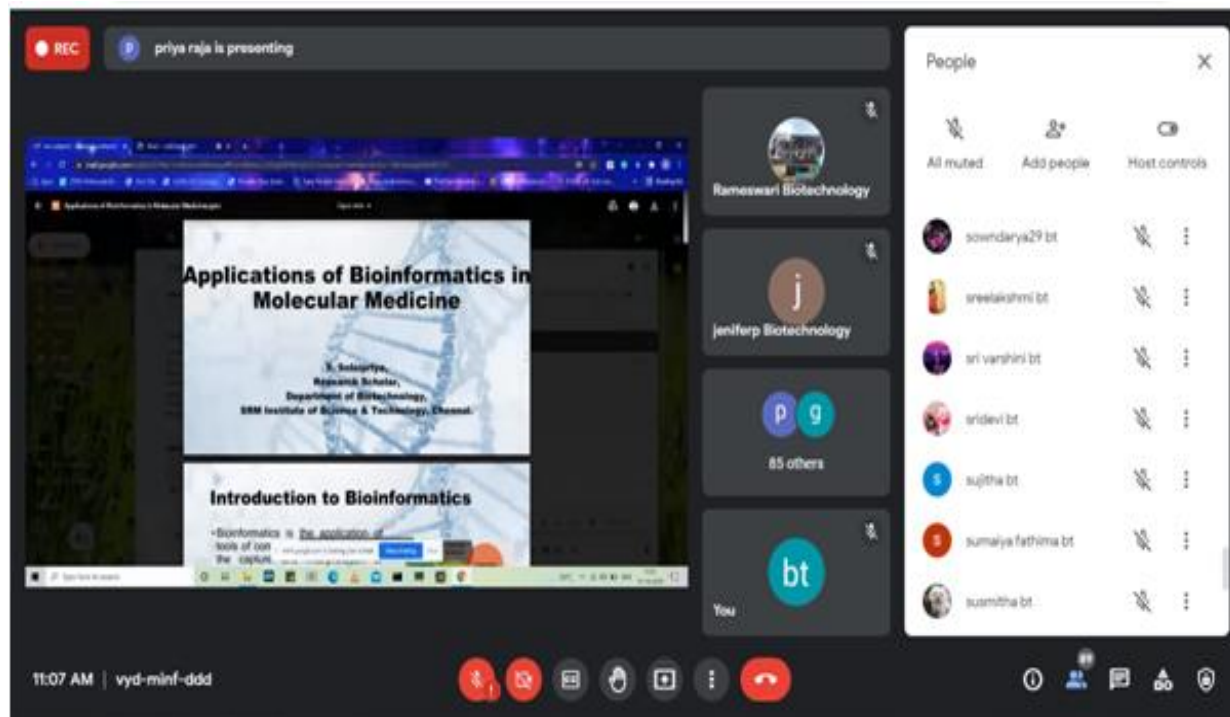


BOLIVAR CLUB
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Cordially invites you for the Webinar
on
Application of Bioinformatics in Molecular Medicine

RESOURCE PERSON
Ms. S.SOLAI PRIYA (Alumna),
Research Scholar,
Department of Biotechnology,
SRM Institute of Science and
Technology,
Chennai.



 **OCTOBER 11, 2021 @ 11.00 AM**
 <https://meet.google.com/vyd-minf-ddd>



Nearly 100 participants attended the session. Ms. Solai Priya discussed about the bioinformatics and its applications in the molecular medicine. She emphasized the importance of bioinformatics in various fields. She interacted with the participants about how to use the tools of bioinformatics in different areas of biology and in collaborative fields.

INTERNATIONAL WEBINAR ON “FUTURE PROSPECTS IN CELL AND
MOLECULAR BIOLOGY” on 9.11.2021

CHIEF PATRONS
Mr. G. MUTHUKRISHNAN
President, Cauvery College for Women
(Autonomous)
Mr. K. THIRUNEELAKANDAN
Secretary, Cauvery College for Women
(Autonomous)
Mr. S. CHANDRA SEKARAN
Treasurer, Cauvery College for Women
(Autonomous)

PATRON
Dr. (Mrs.) V. SUJATHA
Principal, Cauvery College for Women
(Autonomous)

ORGANIZING SECRETARY
Dr. R. RAMESHWARI
Assistant Professor & Head
Department of Biotechnology
Cauvery College for Women (Autonomous)
CONTACT: ht@cauverycollege.ac.in

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DEPARTMENT OF BIOTECHNOLOGY



Organizes
INTERNATIONAL WEBINAR
ON
FUTURE PROSPECTS
IN
CELL & MOLECULAR
BIOLOGY

NOVEMBER 09, 2021

SESSION I: 09:30 – 11:00AM



**“CRISPR CAS SYSTEM – A
MASTER MOLECULAR GENE
EDITOR”**
**Dr. VIDUTHALAI RASHEEDKHAN
REGINA**
Senior Research Fellow
Singapore Centre for Environmental Life
Science and Engineering (SCELS),
Nanyang Technical University,
Singapore

SESSION II: 12:00 – 01:00 PM



**“HUMAN CYTOGENETICS: AN
INTRODUCTION”**
Dr. ARUN MEYYAZHAGAN
Chief & Director
Cytogenetics Department
Eurospes Biomedical Research Center
Institute of Medical Science and Genomic
Medicine
Corunna, Spain

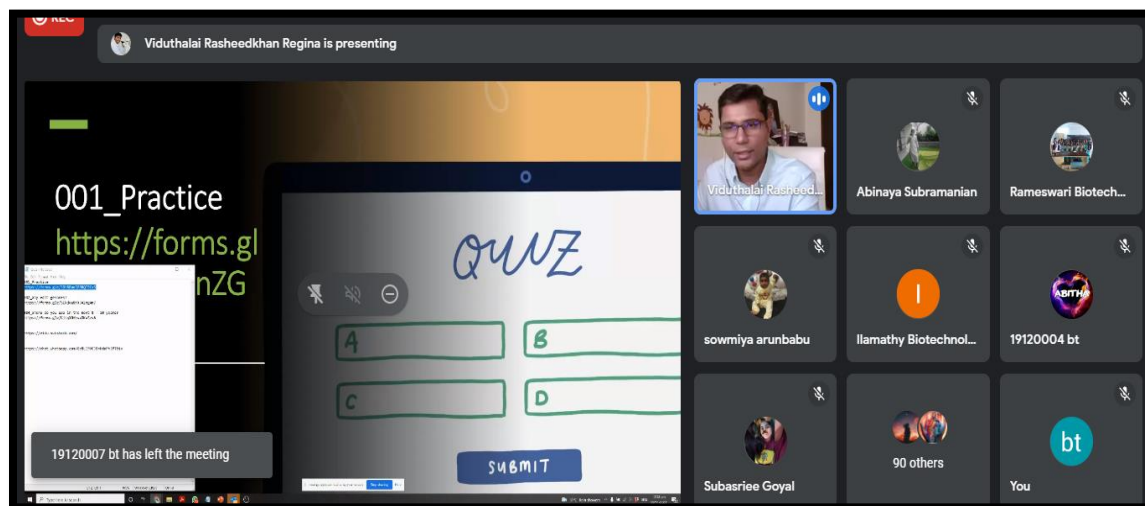
REGISTRATION LINK
<https://forms.gle/aC1CquKNB6rKjey29>
 **JOINING LINK WILL BE SENT**

***E- CERTIFICATE WILL BE PROVIDED
TO ALL REGISTERED PARTICIPANTS**

Session: I

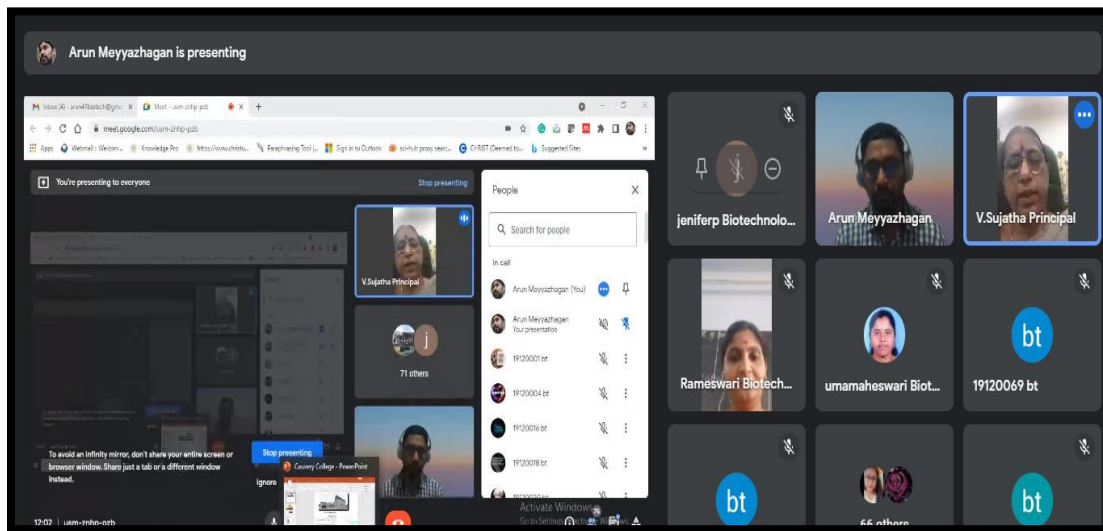


A session on “CRISPR- CAS SYSTEM” by Dr. Viduthalai Rasheedkhan Regina, Senior Research Fellow, Singapore Centre for Environmental Life Science and Engineering (SCElse), Nanyang Technical University, Singapore

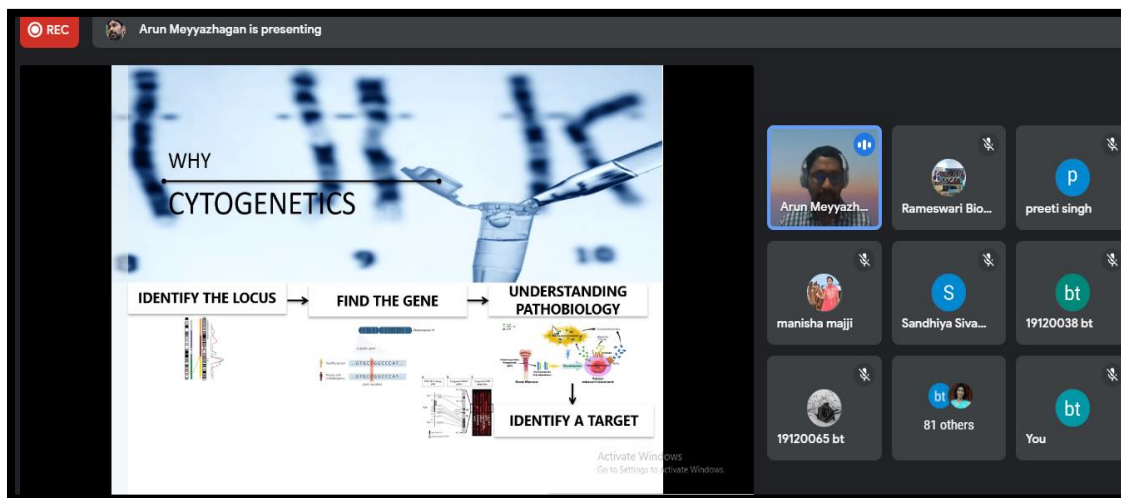


Nearly 275 participants attended this session. Dr. Viduthalai Rasheedkhan Regina, discussed about the CSRIpr CAS gene and the importance of that gene in the molecular system. He posted some puzzles and quiz in-between the session will made the participants lively throughout the session. He also highlighted about the various opportunities in research in foreign countries which motivate the participants to do their research in foreign universities. He interacted with the participants about how to select universities for our work and what are all the possible ways to make that in a successful ways.

Session: II

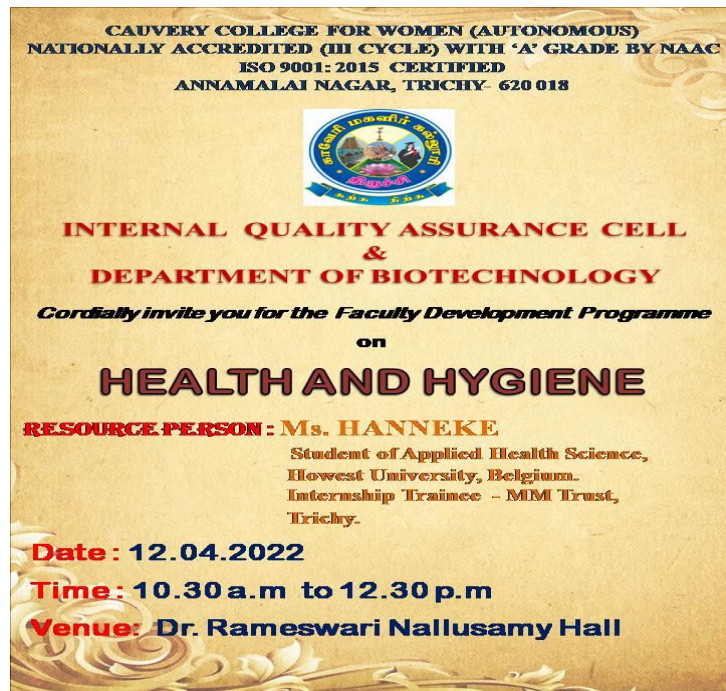


Dr. Arun Meyyazhagan, Chief & Director, Cytogenetics Department, Eurospes Biomedical Research Center Institute of Medical Science and Genomic Medicine, Corunna, Spain shared his views on “Human Cytogenetics: An Introduction”



Dr. Arun Meyyazhagan highlighted about Human Cyotogenetics and their importance. He explained basic things in human chromosomes and their structure. He discussed the location of genes in the chromosomes and how to identify that in the specific loci. He explained about the steps involved in identifying a particular target in a gene. Nearly 200 participants, including the faculties and students suggested that the programme is very informative for them to do their research in this field.

HEALTH AND HYGIENE on 12.04.2022



Ms. Hanneke highlighted about Health and its importance especially for women. She explained the intimate hygiene of individuals and how to overcome with the problems related to menstruation. Nearly 60 participants, including the faculties and students suggested that the programme is very informative.