

## MICROBIOLOGY ASSOCIATION ACTIVITIES

Academic Year (2021-2022)

### 1. COVID Warrior (15<sup>th</sup> May 2021)

Ms Aswathy Madhu, III B Sc Microbiology student joined COVID First Line Treatment Centre, Government Hospital, Ambalamukal, Ernakulam, as Junior Health Inspector on 15 May, 2021, to serve COVID patients.

### 2. World Environment Day Celebrations-2021 (5<sup>th</sup> June 2021)

Department of Microbiology, in connection with World Environment Day 2021, conducted various awareness programs (<https://youtu.be/oy-MLznk9B8>). On 5<sup>th</sup> June, 2021, a video on “Tribute to Chipko Man On World Environment Day” by III B Sc Microbiology students, was released on Marian Webisode, Youtube channel of IQAC, St Mary’s College, Thrissur. Program link: <https://www.youtube.com/watch?v=3sXriOJrv08>. Online photography and dance competitions were also announced on the same day and were open for both college and school students. Theme of the competition was “In Love with Nature”. For photography and dance competitions, entries received were 31 and 7 respectively. Winners of the competitions are as follows. (<https://youtu.be/R4ufCwQiCKQ>). Certificates were given to all winners and a cash prize of Rs. 1000/- was also awarded to the first prize winners.

	<b>WINNERS</b>	<b>I</b>	<b>II</b>	<b>III</b>
<b>1</b>	<b>Photography Competition</b>	<b>Shahnaz Beegum</b> IVth Year B Tech Civil Engineering, Younus College of Engineering & Technology Kollam	<b>Asiya</b> IVth Year B Tech Civil Engineering, Younus College of Engineering & Technology Kollam	<b>Dionamaria Davis Thattil</b> I B Sc Microbiology St Mary’s College, Thrissur-20
<b>2</b>	<b>Dance Competition</b>	<b>Swathi Santhosh</b> II Msc Psychology, St Mary’s College, Thrissur-20	<b>Vishnupriya V</b> I B Sc Microbiology St Mary’s College, Thrissur-20	<b>Lakshmi Konat</b> Class VII Bharathiya Vidhya Bhavan, Poochatty, Thrissur

### 3. Open Course Orientation (27<sup>th</sup> July 2021)

Dr Mabel Merlen Jacob presented an outline on Open course offered by the Department for III DC students on 27<sup>th</sup> July 2021. Department offers the Open Course on “Environmental Microbiology”. The presentation included the syllabus covered, scope and application of and Environmental Microbiology in day today life.

### 4. Onam celebrations-“ശ്രാവണോത്സവം-2021” (6<sup>th</sup> August 2021)

In connection with Onam celebration-“ശ്രാവണോത്സവം-2021”, Department organised online Malayali Manga and Onam recipe video making competitions. The programme was announced on 6<sup>th</sup> Aug 2021 and last date was submission was 23<sup>rd</sup> Aug, 2021. For “Malayaali Manga” competition, participants had to submit their unedited image in traditional attire. For “Onaruchi” competition, participants were requested to submit a two minute MP4 video on recipe of any one special onam food item. Ms Arya Nanda S A, I B Sc Microbiology and Anvita Joby, III BBA of St Mary’s College, Thrissur, were the first and second prize winners respectively for the Malayali manga competition. In the Onaruchi competition Gincy George, III BCA and Ms Shajla, I PG Microbiology of St Mary’s College, Thrissur, bagged first and second prize respectively. Certificates were given to all winners and a cash prize of Rs. 1000/- was also awarded to the first prize winners.



## 5. Independence Day Celebrations 2021 (15<sup>th</sup> August 2021)

In connection with Independence Day Celebrations 2021, Department organized an online video making competition on the theme “Through the ways of freedom”. Competition was to create video on anyone freedom fighter and their contributions. A Slogan making competition was also organized and the theme was “Vigour of Freedom”. Rosemol Thomas, I BCA, St Mary’s College, Thrissur, bagged the first prize in video making competition. Safa Noushad, I BCA and Ann Theresa Joseph, III B Sc Microbiology of St Mary’s College, Thrissur, won the first and second prize respectively in slogan making competition.

**MICROBIOLOGY DEPARTMENT, ST. MARY'S COLLEGE, THRISSUR** organizes

**Through the ways of freedom**

**VIDEO MAKING COMPETITION**  
INTRODUCING YOUR FREEDOM FIGHTER AND THEIR CONTRIBUTIONS

- The video should be 1-2 minutes long with resolution 720p.
- Participant can use creative manner of costume, images, background music, quotes (duly credited) etc.. to emphasize the theme.
- The matter should be presented by himself/herself in either English or Malayalam.
- The video should be mailed to [microbiology.dept@smctsr.ac.in](mailto:microbiology.dept@smctsr.ac.in) along with name, class and college details

For more details contact, 8129442956

**LAST DATE OF SUBMISSION**  
17<sup>TH</sup> AUGUST 2021

**MICROBIOLOGY DEPARTMENT OF ST. MARY'S COLLEGE, THRISSUR** organizes

**VIGOUR OF FREEDOM**  
SLOGAN making competition

- Participants must submit slogan on the picture given.
- Original slogans (English or Malayalam) should be mailed to [microbiology.dept@smctsr.ac.in](mailto:microbiology.dept@smctsr.ac.in)
- Name, class, college details must be submitted.

For more details contact, 8129442956

**Organising Committee**  
Dr. Sr. Magle Jose  
Principal, St. Mary's College  
TEAM MICRO  
Dr. Meera C R (HOD)  
Dr. Dhanya K C  
Dr. Mabel Merlen Jacob (Coordinator)  
Mrs. Elizabeth P Thomas  
Dr. Greeshma P V  
Mrs. Ruveena T N  
Soorya N G, Setlana George (Student Coordinators)

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## 6. Microbiology Association Inauguration and Monsoon Diseases Awareness Programme - പ്രതിരോധം ജാഗ്രതയിലൂടെ-2021 (15<sup>th</sup> September 2021)

Monsoon Diseases Awareness Programme- പ്രതിരോധം ജാഗ്രതയിലൂടെ-2021 was commenced on 15<sup>th</sup> September 2021. Ms Vishnu Priya, II DC Student, welcomed the gathering. Programme was inaugurated by Dr Reena K J, District Medical Officer, Thrissur, at 2 pm. Programme was conducted on online mode through Google meet and also live telecast was done through Marian Webisode, YouTube Channel of St Mary’s College, TCR. Inauguration was followed an invited talk on “അറിയാം ചെറുക്കാം മഴക്കാലരോഗങ്ങൾ” by Dr Reena. The invited talk gave a detailed insight on different types on diseases that are spread during monsoon, their general symptoms, diagnosis and preventive measures. Special emphasis was given on personal hygiene and the need to keep our premises

clean and tidy. Dr Reena also elaborated on the measures to prevent mosquito and their breeding in households. The awareness program was very effective and informative which was followed by a very active interaction session.

Google Meet Link: <https://meet.google.com/ryk-jcxy-qkr>

You Tube Link: [https://youtu.be/cnxXE9j1r\\_4](https://youtu.be/cnxXE9j1r_4)

As part of Monsoon Diseases Awareness Programme- **പ്രതിരോധം ജാഗ്രതയിലൂടെ-2021**, II UG Microbiology students prepared awareness videos on different Monsoon Diseases which was telecasted through Marian Webisode. Details of the programme are as follows.

SI No:	Topic	Participants	Date	Link
1	Common Cold & Influenza	<b>Nayana P D</b> Afeeda Jasmin K P Anagha K S Aysha Anwar M M Dionamaria Davis Fathima P S Fidha Shahana Safa Thasneem Shabna Sherin	17/09/2021	<a href="https://www.youtube.com/watch?v=u11kVy3EhhI">https://www.youtube.com/watch?v=u11kVy3EhhI</a>

2	Malaria	<b>Thasni C B</b> Anett K Francis Aryananda S A Aswathy K R Athira C K Aysha Sana K H Fathima Nasrin Hafsa Sama K H Navya P S	18/09/2021	<a href="https://www.youtube.com/watch?v=_zbuCpM0">https://www.youtube.com/watch?v=_zbuCpM0</a>
3	Typhoid	<b>Athira</b> Akhila Rajesh Alphy P Roy Ashida P I Asin Biju Irin Antony Irin Theresa Paul Samini Balakrishnan Unnimaya T D	19/09/2021	<a href="https://www.youtube.com/watch?v=2VqbxtEvmfM">https://www.youtube.com/watch?v=2VqbxtEvmfM</a>
4	Diarrhoea	<b>Siya Sojan</b> Aleena Antony Alfi K Joseph Anmaria Anto Farsana Fathima Harsha Joy Nayva P Shelin Jose V Sneha K	20/09/2021	<a href="https://www.youtube.com/watch?v=PEV1SePZkAc&amp;t=47s">https://www.youtube.com/watch?v=PEV1SePZkAc&amp;t=47s</a>
5	Cholera	<b>Anupama C</b> Pravitha Vijayan Hency T V Sanika Surendran Anamika R P Angel Mary V M Arshana K A Akhila K G Sulthana Usman	21/09/2021	<a href="https://www.youtube.com/watch?v=RHBb8kyMGP8">https://www.youtube.com/watch?v=RHBb8kyMGP8</a>
6	Dengue	<b>Vishnupriya V</b> Anitta Biju Bhavya K B Devika Sathyan Dona Suresh Jayachithra M Lina Biju Riya Joy Sikha V R	22/09/2021	

## 7. Induction Programme for I UG (5<sup>th</sup> to 12<sup>th</sup> October 2021)

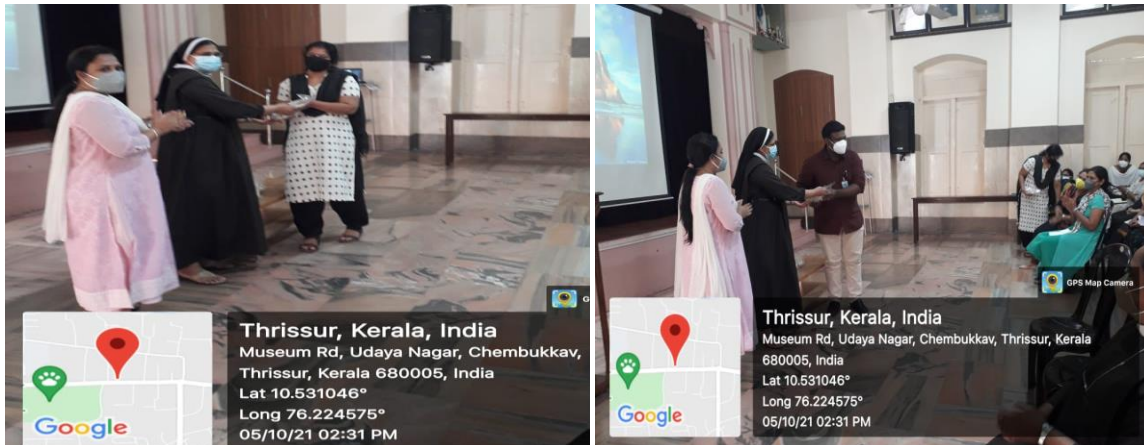
Following classes were conducted by faculty members as part of the induction programme for I DC to familiarise the students with various fields and scope of Microbiology.

Faculty	Topics	Date
Dr C R Meera	The invisible world of Microbes-An overview	05.11.2021
Dr Dhanya K C	Past, present and future of Microbiology	08.11.2021
Dr Mabel Merlen Jacob	Industrial Microbiology	09.11.2021
Mrs Ruveena T N	Environmental and Agricultural Microbiology	10.11.2021
Mrs Elizabeth P Thomas	Beware of villains around us	11.11.2021
Dr. Greeshma P V	Introduction to Food Microbiology	12.11.2021

## 8. Mushroom Sale (5<sup>th</sup> October 2021)

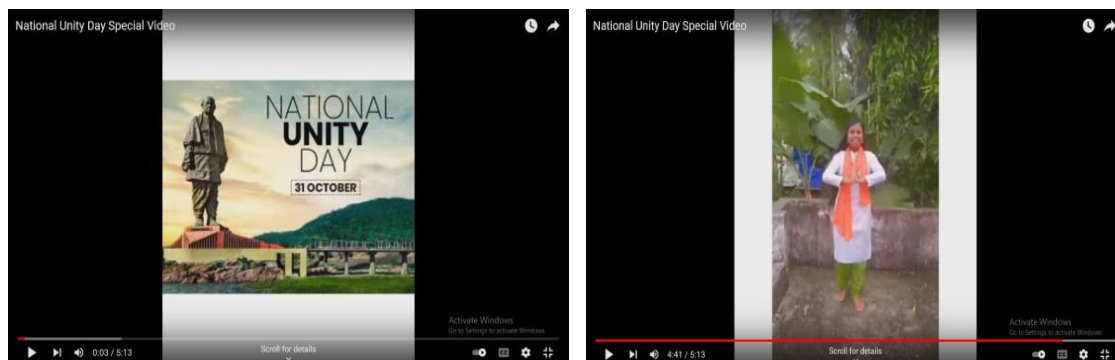
A sale of mushroom fruiting bodies cultivated in the incubation centre “Sampoorna” was conducted in the campus. *Pleurotus florida* (Oyster mushroom) were cultivated and 200-gram packets of the same were sold at a rate of Rs 50/- among the faculty members and non-teaching staff. The sale was inaugurated by Dr Sr Magie Jose, principal, by handing over the first mushroom packet to Dr Sr Meena K Cheruvathur, Vice Principal, in the Jubilee hall on 5/10/2021.





## 9. Rashtriya Ekta Diwas or National Unity Day

In connection with Rashtriya Ekta Diwas, I DC Microbiology students created a video and telecasted through the official youtube channel of St Mary's college, Thrissur on 31 October 2021. Video included the performance of different dance forms of Indian states by the students. Contributions of Sardar Vallabhai Patel in the reunion of India is also mentioned in the video. You Tube Link - [https://youtu.be/g22I3G\\_8yj0](https://youtu.be/g22I3G_8yj0)



## 10. Children's Day Celebration (14<sup>th</sup> November 2021)

I DC students created a video in connection with Children's day and it was released through the official YouTube channel of St. Mary's College, Thrissur on 14<sup>th</sup> November 2021. You Tube Link - <https://youtu.be/SRnu72kn43s>

## 11. Two-day Hands-on Training Programme on “Spawn production and cultivation technique of Oyster mushroom” (14<sup>th</sup> & 15<sup>th</sup> December 2021)

A two-day Free Hands-on Training Programme on “Spawn production and cultivation technique of Oyster mushrooms” was conducted for I PG students on 14<sup>th</sup> and 15<sup>th</sup> December, 2021. Students were given training on spawn preparation using boiled wheat grains, spawn inoculation, substrate preparation, sterilisation and bag preparation, mycelia running, fruiting body production, harvest etc. Certificates were awarded to the participants. Dr C R Meera, Assistant Professor, Department of Microbiology, served as the resource person.







**12. “സൗജന്യ ചിപ്പിക്കൂൺ കൃഷി പരിശീലനം”- for Kudumbasree workers (21<sup>st</sup> December, 2021)**

Free Hands-on Training programme on “സൗജന്യ ചിപ്പിക്കൂൺ കൃഷി പരിശീലനം” was conducted for members of “Udayam”, Kudumbasree workers, Division 12, Chembukkavu Unit, Thrissur on 21<sup>st</sup> December, 2021, from 1.30 – 3.30 pm. Training was given on substrate selection, preparation, sterilization, spawn inoculation and bag preparation. Guidance to set up small cultivation units at home was also given. Dr C R Meera, Assistant Professor, Department of Microbiology, served as the resource person.







**Sampoorna- Mushroom Cultivation Incubation Centre,**  
St Mary's College, Thrissur-20

കുടുംബശ്രീ അംഗങ്ങൾക്കായി സംഘടിപ്പിക്കുന്ന  
“സൗജന്യ ചിപ്പിക്കുൺ കൃഷി പരിശീലന പരിപാടി”

തീയതി: **21/12/2021 (1.30 pm to 3.30 pm)**  
സ്ഥലം : മൈക്രോബിയോളജി ലാബ്,  
സെന്റ് മേരീസ് കോളേജ്, തൃശ്ശൂർ

പങ്കെടുക്കുന്നവർ: “ഉദയം” കുടുംബശ്രീ അംഗങ്ങൾ  
ഡിവിഷൻ 12,  
ചെമ്പുക്കാവ് യൂണിറ്റ്, തൃശ്ശൂർ

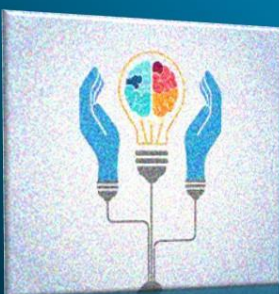



DR. സി ആർ മീര  
നോഡൽ ഓഫീസർ

DR. SR. മാഗി ജോസ്  
പ്രിൻസിപ്പൽ

**13. Valedictory Function/ Invited talk on IPR (30<sup>th</sup> March 2022)**

Department of Microbiology conducted the valedictory function of the Association Activities of 2021-2022 on 30/3/2022. The valedictory program consisted of an invited talk on “Know your rights: An overview of IPR” and an award giving ceremony to the out going students of the Department. The program was in association with the Institution’s Innovation Cell of our college. Chief guest of the program was Dr Jiji R S, Professor and Head, Department of Veterinary and Animal Husbandary Extension, Kerala Veterinary and Animal Science University, Mannuthy, Thrissur. Dr Jiji delivered a very informative talk on various aspects of IPR giving special emphasis to Patents- filing and processing. The talk was followed by an interactive session. Various awards instituted by the Department for the outgoing UG and PG students were distributed at the end of the session.




  
**Department of Microbiology**  
 &  
**Institution's Innovation Cell (IIC)**  
 (An MHRD Initiative)  
 St Mary's College, Thrissur-20

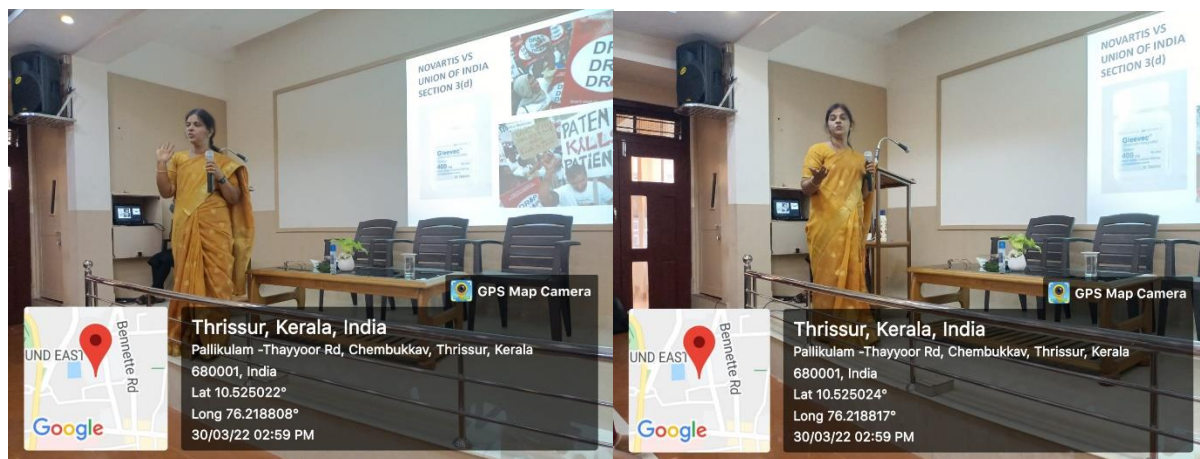
jointly organize an Expert Lecture on  
**"KNOW YOUR RIGHTS: AN OVERVIEW OF IPR"**  
 on 30<sup>th</sup> March, 2022

**Resource Person**  
**Dr. Jiji R.S.**  
 Professor & Head  
 Department of Veterinary and Animal Husbandry Extension,  
 Kerala Veterinary and Animal Science University, Mannuthy, Thrissur.

**INSTITUTION'S INNOVATION COUNCIL**  
 (Ministry of HRD Initiative)

**Venue: Jubilee Hall**  
**Time: 1.15 to 3.15 PM**

 <b>Dr Sr Magie Jose</b> Principal	<b>Dr C R Meera</b> HoD, Dept. of Microbiology	<b>Dr Anu P A</b> IIC Co-ordinator
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<b>Details of Department Awards (2021-2022)</b>			
<b>No.</b>	<b>Award</b>	<b>Name of Student</b>	
		<b>III UG</b>	<b>II PG</b>
1	Best Character	Sneha Santhosh	Ameena Sherin P S
2	Lab Performer	Krishna P B	Alisha Koshy Afna K A
3	Academic Excellence	Neeraja J, Menon Ankitha Rajiv	Lubnamol C M
4	All rounder	Jasmine P S	Hima Haridas
5	Silent Performer	Jasmin C, Minnu Maria James	--
6	Nightingale	Anugraha Lonappan	--
7	Artistic hands	Ann Theresa Joseph Nila P	--

8	Best Performer	Setlana George	--
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#### **14. Two Day Workshop on “Basics of Bioinformatics” (17<sup>th</sup> & 18<sup>th</sup> May 2022)**

The Department organized a two-day workshop on “Basics of Bioinformatics” for II PG students on 17-18 May 2022. The hands-on training was given to the II PG students on various basic programs in Bioinformatics. The program was conducted in the computer lab of BCA department and the sessions were handled by Ms Anju PS, Research Assistant, College of Veterinary and Animal Sciences, Centre for Advanced Studies in Animal Genetics and Breeding, Mannuthy.

