

## **Microbiology Association Activities (2019-2020)**

Microbiology Association Activities of the academic year 2019-2020 was initiated with World Environment Day celebrations on 5<sup>th</sup> June 2019. In connection with World Environment Day, Department organised an awareness programme on Monsoon Diseases –Prevention and Control Measures. Awareness programme included announcement of monsoon tips in college, awareness programmes in Anganwadies and distribution of accessories to Anganwady students.

### **1. Announcement of Monsoon tips in connection with World Environment Day**

To spread awareness among students and staff community of our college about ways to stay healthy in monsoon, announcement of monsoon tips were done during lunch break. Monsoon tips included the signs, symptoms, identification tests, preventive measures, routes of transmission of various diseases including Dengue, Chikungunya, Malaria, Dysentery, Typhoid, Cholera, etc. Also tips on the recently emerged threatening disease, Nipah was also given. General measures of hygiene and food safety habits were also the part of announcement. Announcements were continued till 14/ June /2019.



## **2. Bridge course/Induction Course(1/July/2019 to 8/July/2019)**

Bridge/Induction course was conducted for I B Sc students from 1/July/2019 to 8/July/2019. The purpose of the course was to generate interest in students about the subject and also to familiarize them with different branches and scope of Microbiology. The topic covered are as follows.

<b>Faculty</b>	<b>Topics</b>	<b>Class</b>	<b>Date</b>
Dr C R Meera	Discovery of Microorganisms- History at a glimpse	1st Sem B.Sc	1/7/2019
Dr Dhanya K C	Past, present and future of Microbiology	1st Sem B.Sc	2/7/2019
Dr Mabel Merlen	Introduction to	1st Sem B.Sc	3/7/2019

Jacob	Industrial Microbiology		
Dr Athul Sandeep	An introduction to Agricultural Microbiology	1st Sem B.Sc	4/7/2019
Mrs Elizabeth P Thomas	Introduction to Medical Microbiology	1st Sem B.Sc	5/7/2019
Dr Greeshma P V	Introduction to Food Microbiology	1st Sem B.Sc	8/7/2019

### 3. Monsoon awareness programme at Anchery and Valarkkavu Anganwady



On 2/ July/2019, II PG students and faculty members including Dr C R Meera, Dr DhanyaK C, Dr Mabel Merlen Jacob and Mrs Elizabeth P Thomas visited two Anganwadies. Anganwadies of Anchery and Valarkkavu divisions in Thrissur region were visited at 10.30 am and 12.30 pm respectively. An awareness class was conducted for parents of Anganwady students about monsoon diseases. Pamphlets describing monsoon diseases prevention tips were given to Anganwady workers and parents. Accessories like umbrella, handkerchief were distributed among students as part of preventive measures. Study materials including pencils, scales, sharpeners, drawing books, crayons and banana, sweets etc were also gifted. We also contributed 10 pots with ornamental plants to each Anganwady unit.

#### **4. Seminar participation**

On 7/August/ 2019 all II PG students, four I PG students and faculty members (Dr C R Meera, Dr Dhanya K C and Dr Greeshma P V) attended one day International Seminar Biocommercium '19, organized by Department of Microbiology, SAFI Institute of Advanced Studies, Ramanatukara, Malappuram. Dr C R Meera, Assistant Professor, won the Best Oral Presentation Award in this seminar.

#### **5. Designer Kerala Saree (സൂക്ര്യത) - Exhibition cum Sale**

Student Support Fund to facilitate the needy students was a long time dream of our Department. To raise fund for this purpose, Department organized a “Designer Kerala Saree (സൂക്ര്യത) - Exhibition cum Sale” on 3/ September/ 2019. All sarees and materials in the stall were the product of painstaking day to night effort of our students and staff members. The programme was inaugurated by Dr Sr Magie Jose, Principal, St Mary's College, Thrissur. An amount of rupees eighteen thousand one hundred and sixty eight was generated through the sale. An amount of rupees twenty three thousand was contributed by teachers to this fund. Thus a total amount of rupees Forty one thousand one hundred and sixty eight was accumulated towards Sukritha Student Support Fund.



## **6. Free Eye Camp at Govt. L P School, Puthoor**

Department of Microbiology in association with Elder Marian and Department of Botany, conducted a Free Eye camp at Govt. L P School, Puthoor on 18/October/2019. Free consultation was provided to faculty members, students and parents by doctors of Malabar Eye Clinic, Thrissur. 5 students from I PG (Jyothis, Sandra Damodaran, Libanath, Anjali and Rose) and faculty members Dr Dhanya KC and Mrs Elizabeth P Thomas were active volunteers in this programme.

## **7. Microbiology Association Election**

Association election for the academic year 2019-2020 was conducted on 1/November/2019 during tutorial hour. The newly elected members of the association is given below.



SINo:	Name	Class	Position held
1	Kajal P Madhu	I PG	President
2	Anna Clare	III DC	Vice President
3	Amitha C S	III DC	General Secretary
4	Soya K Sunny	III DC	Treasurer
5	Megha Ramesh	II DC	
6	Likha P S	II PG	Association Representatives
7	Sandra Damodaran	I PG	
8	Honeymol K P	III DC	
9	Anagha Suresh	II DC	
10	Neethu Lakshmi	I DC	

### **8. Inauguration of Microbiology Association 2019-2020 and സൂക്രൂര Student Support Fund**

Microbiology Association 2019-2020 and സൂക്രൂര Student Support Fund- an Initiative of Staff & Students, Dept. of Microbiology, were inaugurated on 6/November/2019 at St Joseph AC Seminar Hall by Dr Jiji R S, Professor & Head, Department of Veterinary & Animal Sciences, Mannuthy, Thrissur. Dr C R Meera, HOD, welcomed the gathering and Dr Sr Magie Jose, Principal, delivered the Presidential address. Mrs Raina, Student representative of the association presented a brief report on Microbiology Association activities of academic year 2018-2019. Dr



Dhanya K C proposed the vote of thanks. An invited talk on the topic “An overview of Intellectual Property Rights (IPR)” was delivered by Dr Jiji RS. It was followed by an interactive session with students.

Text books worth Rs. 19,747 were gifted to needy students of II DC and III DC Microbiology. Also a fee of Rs 2050/- per student for HACCP Level 3 Training was given for three III DC students. A total amount of Rs/- 25,897 was utilised for students from Sukritha Student Support Fund.



## 9. HACCP Training Programme

A Three day training programme on Hazard Analysis and Critical Control Programme (HACCP) -level 3 was conducted for III DC, I PG and II PG students from 21/ January/ 2020 to 23/ January/2020. The training programme was handled by Dr Mrs N Anadavally, FAO &WHO Consultant and Mrs Jisna Davis, HACCP Auditor.





## 10. Valedictory function

Valedictory function of Microbiology Association was conducted on 20/March/2020. Awards instituted by Department of Microbiology was distributed to the outgoing III DC students. Award winners of the academic 2019-2020 are as follows:

SI No:	Name	Award
1	Best Character Award	Aswathy R
2	Silent Performer	Sreelakshmi V
3	Lab Performer	Ameena Sherin PS Fila Joby
4	All Rounder	Magna Jom
5	Nightingale	Muralika K M
6	Artistic Hands	--
7	Academic Excellence	Lynn Maris Bhasi Shahma R M Honeymol K P
8	Full attendance	--





## 11. Awards and Recognitions



- Neena Sivaramdas, Nivedya Mohan and Sanjana Sethu of II PG Microbiology (2018-19 pass out batch) secured first three university ranks in M Sc Microbiology examination conducted by University of Calicut, Thenjippalam.
- Also Neena Sivaramdas and Nivedya Mohan cleared the Indian Council of Agriculture Research (ICAR) NET. Nivedya Mohan also received NET-JRF of CSIR.

- Ms Manju M, II PG Student of our department was the Second Runner Up in the GEM of St Mary's competition conducted by Elder Marian Alumni Association of St Mary's College, Thrissur, on 10/December/2019.
- Ms Magna Jom of III DC received the SMCA-Sakthan Excellence Award-2019 for academic excellence instituted by Shakthanthamburan Memorial Cultural Association, Thrissur.
- Best Outgoing Student Award for the academic year 2019-2020 was secured by Manju M and Magna Jom of II PG and III DC respectively.
- Dr C R Meera received topper position in NPTEL online certification course on "Cell culture technologies" conducted by IIT, Kanpur and funded by Ministry of HRD, Govt. of India.
- Dr C R Meera also received Best Paper Award for oral presentation on the topic "Tumor Inhibition in Animal Models by  $\beta$ -D-(1-6) Glucan from the Medicinal Mushroom *Phellinus rimosus* (Berk) Pilat" in one day international conference "Biocommercium-19" on 7/Aug/2019, organized by Department of Microbiology, SAFI institute of Advanced Study (SIAS), Malappuram, Kerala.
- Dr C R Meera also received the Best Faculty Award 2019-2020 instituted by Centre for Bioscience and Nanoscience Research (CBNR), Affiliated to Bharathiar University, Coimbatore, on 23/Oct/2019.

## 12. Others

A Journal club for students is functioning in the department since 2010. Purpose of this club is to generate research interest in students and also to make them aware of the advanced techniques, innovations and research in the field of Microbiology. PG students conduct PPT presentation of research papers/review articles from refereed national or international journals. Presentations are made fortnightly on Thursday and an interaction or discussion session follows the same.

M Sc Project presentation was also done by II PG students (2018-19 batch) on the topic of dissertation work they carried out, as part of Journal club activity on 13/June/2019.

SAMPOORNA- Mushroom Cultivation Incubation Centre is functioning in our department since 2018. The objective of this centre is to inculcate entrepreneur skills among the students and to enhance self-employment opportunities among students and unemployed women. The centre offers training and guidance on cultivation of *Pleurotus* species on various agro wastes like paddy straw, coir pith etc. Necessary guidance is given to set up small scale cultivation units. Our service is also available to Kudumbasree units, Anganwadi workers and parents as and when required.