

Y.A. GOVT.COLLEGE(W), CHIRALA

DEPARTMENT OF MICROBIOLOGY

2022-2023 ACTIVITIES

S.NO.	NAME OF THE ACTIVITY	DATE
1.	Nutrition week	06.09.2022
2	Group Discussion	14.09.2022
3	International Microorganisms Day	17.09.2022
4	Field trip to Aquatica Frozen foods	03.10.2022
5	Group Discussion	28.10.2022
6	AIDS Day	01.12.2022
7	Student Seminars	24.01.2023
8	Birth anniversary of Louis Pasteur	27.12.2022
9	Field trip to Amar Diagnostic Lab	07.02.2023
10	National Deworming Day	10.02.2022
11	Open day for intermediate students	10.02.2023
12	World TB Day poster presentation	24.03.2023
13	Workshop on Blood grouping	28.04.2023

Name of the Activity: Nutrition week

Date: 06.09.2022

Aim & Objective: It is aimed to create awareness about the nutritional values of various food items and their importance for body functioning.

Report: Students of MZC were participated in the Nutrition week and they prepared different food items such as veg kabab, mushroom curry, Dahi rice, Ponganalalu, Cakes, Biscuits, food items with Paneer, dal, Sprouts, varieties with multigrain, health drinks with various leaves etc., and explained about the nutritional value and benefits of consumption.

Outcome: Students from various programs of the college were visited the stalls and tried to know about the nutritional values of the different food items.

No. of students participated: 164



Name of the Activity: Group discussion

Date: 14.09.2022

Aim& Objective: It is aimed to inculcate the detailed understanding of the subject by opposing the other group and helps to get new innovative ideas.

Report: A group discussion was conducted to the MZC students on the topic “Biofertilizers Vs Chemical fertilizers”. One group discussed the advantages and applications of the Biofertilizers and the opponent group discussed about the Chemical fertilizers. The two teams argued about the fertilizers.

Outcome: Both the student groups tried to oppose each other and started thinking logically on the given topic. It is fruitful that some students were moved more elaborative and tried to learn the topic in detail.

No. of Students participated: 12



Name of the Activity: International Microorganisms Day

Date: September 17

Aim& Objective: The main objective of celebrating the Microorganisms Day is to raise awareness of Microbiology among young people in society and also encourage everyone to recognize the importance of microorganisms.

Report: The day was established by the Portuguese Society for Microbiology and afterwards adopted worldwide. The day in 1683, Anton Van Leeuwenhoek sent a letter to the Royal Society of London, reporting the first description of single celled organisms. Microorganisms play a crucial role in human life. The microscopic organisms are important in human health, culture, economic activity, employment and throughout our daily lives. Students were participated in the programme.

Outcome: Students were participated in the programme and learnt the importance of the day and the way the microorganisms are with us in our daily life. Students showed the curiosity to learn about the microbes.

No. Of Students participated: 18



Name of the Activity: Field trip to Aquatica Frozen foods, Chirala

Date: 07.10.2022

Aim & Objective: It is to understand various microbiological processes conducting in packaging of shrimp.

Report: The students were visited the laboratory where microbiological analysis of shrimp are doing. The staff working in the laboratory had explained the students about the microbiological procedures.

Outcome Students observed the media preparation for various bacteria, their numbers in the sample, counting of the bacterial colonies, antibiotic tests etc.

No. Of students participated: 9



Name of the Activity: Group Discussion

Date: 28.10.2022

Aim&Objective: A group discussion was conducted with the objective to improving student's innovative thinking.

Report: Scientific problems on “Challenges and solutions in medical microbiology” was given to the Final year students. The students were grouped into 2 groups. The students tried to answer the questions posed by the other team.

Outcome: Some students explained in a common way. But some raised new doubts to the other group and lead to innovative thinking. Got some productive results.

No. Of students participated:13



Name of the Activity: AIDS DAY- AIDS Awareness rally

Date: 01.12.2022

Aim& Objective: The rally is aimed to create awareness among the people regarding the disease and the deadly effects on health of the infected individuals.

Report: All the students were participated in the rally. Walked for the distance of 3km and different slogans uttered loudly for preventing the AIDS infection. Finally reached to the main centre Gadiyara sthambham area, where more number is populated. A human chain formed by the students and created awareness to the people on AIDS.

Outcome: The slogans were very informative. Some people have shown knowingness about the rally. Students explained about the AIDS and its consequences and the cautions to be taken.

No. Of students participated 324



Name of the Activity: Louis Pasteur Birthday Celebrations

Date: December 27, 2022

Aim&Objective : The day was celebrated to remember Louis Pasteur's contribution in the field of Microbiology.

Report: French chemist and biologist Louis Pasteur was born on December 27, 1822. He discovered the role of bacteria in fermentation, proved the germ theory of disease and invented the process of pasteurisation. Pasteur is considered the founder of microbiology. An essay writing competition was conducted to the students on this occasion.

Outcome: The Contributions of Louis Pasteur was explained to the students participated in the essay writing competition conducted on "Contribution of Louis Pasteur in the field of Microbiology".

No. Of students participated:16



Name of the Activity: National Deworming Day

Date: February 10, 2023

Aim& Objective: To make the students aware of the harmful effects of roundworms, National Deworming Day was conducted.

Report: Roundworms are Helminthis group of Protozoans, majorly soil dwelling and very quickly infectious to the children and teenagers. The roundworms get entry into the human beings through uncleaned food, soil contaminated with the helminthis eggs. When the children consume the uncleaned food containing these worm origins, they enter into the body and break the RBC by creating the pores in the RBC membrane, which finally leads to anaemia, malnourishment, stunted growth etc.

Outcome: Students understood the way how the protozoan is entering into the human body, symptoms, precautions to be taken to prevent the entry of these worms into the healthy individuals.

No. Of students participated :40



Name of the Activity: Open Day for Intermediate students.

Date: 10.02.2023

Aim& Objective: To create interest towards the Programme and College, Open Day was conducted as per the instructions of the higher authorities.

Report: The students of the Govt. Junior college, Chirala, visited the college to observe the facilities providing, about the infrastructure in the college. The students visited the Dept. of Microbiology and observed all the instruments, learnt about the functioning. They also lecturers in Microbiology

Outcome: The students visited the Department and observed the Laboratory and facilities. They came to know about the Microbiology Programme, its scope, vertical mobility to higher studies, Employability opportunities.

No. Of students participated:72



Name of the Activity: Field trip to Amar Diagnostic Lab

Date: 07.02.2022

Aim&Objective : It is to understand the Diagnostic Laboratory processes, methods, Field trip to Diagnostic Lab was conducted.

Report: The students were taken to Amar Diagnostic laboratory located in Chirala. The Lab technicians explained about the various methods, biochemical tests were conducting in the laboratory, the functioning of various machinery.

Outcome: Students observed the sample processing procedure and understand the methods following during the sample analysis. Students were taught about the necessary steps to be taken from analysis of the sample to printing of the report.

No. of students participated : 12



Name of the Activity: World TB Day Poster presentation.

Date: 24.03.2023

Aim & Objective: To raise awareness about TB among the students world TB Day was conducted.

Report: World TB Day observed annually on 24 March to raise awareness about TB and efforts to end the global epidemic, marking the day in 1882, when the Bacterium causing TB was discovered. The theme of the year is “YES! WE CAN END TB”. Students prepared posters on TB and explained to the other students, about the dreadful symptoms, effects of the Tuberculosis and its causative agent, its spread and preventive measures.

Outcome: Students visited the posters and learnt about the Tuberculosis and its spread and Precautions.

Number of Students participated: 45



Name of the Activity: Workshop on Blood Grouping

Date: 28.04.2023

Aim & Objective: To describe and naming of the blood group systems and Rhesus blood grouping system.

To make the students aware of understanding Blood grouping process,types of blood groups.

Report: The Resource Person for the Blood grouping is Mr.J.Kiran, a Lab technician from a Diagnostic Lab,Chirala. He explained about the various tests conduct in the Diagnostic laboratory.

The resource person described about the blood grouping procedure, principles involved to the students.

Out come: Students understand the procedures and the enthusiastic students were tried to conduct the blood grouping test to each other to know their blood groups.

