

Y.A GOVERNMENT DEGREE COLLEGE FOR WOMEN

CHIRALA



DEPARTMENT OF MICROBIOLOGY

ACTIVITIES

(2021-22)

Y.A.GOV.T.COLLEGE(W),CHIRALA

DEPARTMENT OF MICROBIOLOGY

2021-2022 ACTIVITIES

S.NO.	NAME OF THE ACTIVITY	DATE
1.	ADMISSIONS CAMPAIGN	25-08-21
2	QUIZ	23-09-2021
3	GROUP DISCUSSION	22-10-2021
4	PNEUMONIA DAY	16-11-2021
5	ONLINE QUIZ	29-11-2021
6	AIDS DAY	1-12-2021
7	BRIDGE COURSE	01-12-2021 – 7-12-2021
8	STUDENT SEMINARS	16-12-2021
9	FIELD TRIP	06-01-2022
10	GUEST LECTURE	06-01-2022
11	COVID VACCINATION DRIVE	07-02-2022
12	WEBINAR	08-02-2022
13	NATIONAL SCIENCE DAY	28-02-2022
14	DE WORMING WEEK	05-03-2022
15	NATIONAL VACCINATION DAY	16-03-2022
16	FIELD TRIP TO MUSHROOM CULTIVATION UNIT	21-04-2022
17	ADMISSIONS CAMPAIGN	27-04-2022

Activity

Date

Aim & Objective

Report

Admissions Campaign

25-08-2021

It is aimed to get a good number of admissions in the MZC group. A door to door admissions campaign was done in and around Chirala. Motivated and inspired the villagers by explaining the facilities in the college, self protection courses, the activities conducting for the benefit of the student was explained. Students also explained about the college to the people. Also, participated in the help desk activities during admissions and guiding & motivating the students by explaining the course outcomes, the scope of the course, and further job opportunities can be achieved.

Out come

People tookpart in the campaigning and some people have shown interest to join in the college.

**No. of students
participated**

8



Activity

Quiz

Date

23.09.2021

Aim&Objective

It is to inculcate creative thinking among the students, Quiz programme was conducted to the IIIMZC students.

Report

Quiz on Agricultural Microbiology was conducted to the III year students. Logical questions were asked to the students. They tried to answer.

Outcome

Students tried to answer and started thinking logically on the given topic. It is fruitful that some students were moved more and tried to learn the topic in detail.

No. Of students participated

12



Activity

Group Discussion

Date

22.10.2021

Aim&Objective

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

Report: Outcome:

Report

Scientific problems on "Challenges and solutions in Agriculture by using the microbes" was given to the Final year students. The students were grouped into 2 groups. The students tried to solve the questions.

Outcome

Some students explained in a traditional manner. But some raised new doubts to the other group and lead to innovative thinking. Got some productive results.

No. Of students participated

10



Activity

Pneumonia Day

Date

November 16,2021

Aim& Objective

The day was observed to create awareness regarding the disease Pneumonia among the students.

Report

About the causing organism K.pneumoniae, symptoms, the deadly worsen effects of Pneumonia, Diagnosis, the precautions to be taken was explained.

Outcome

Awareness was created to the students. They answered to the questions related to the disease.

No. Of Students participated

29



Activity

Date

Aim&Objective

Kahoot

29.11.2021

It is to inculcate creative thinking among the students, Kahoot Quiz programme was conducted to the IIMZC students.

Report

Kahoot on Microbiology related questions was conducted to the II year students. Students tried to answer.

Outcome

Students tried to answer and started thinking logically on the given Questions. It is fruitful that some students were moved more and tried to learn the topic in detail.

No. Of students participated

14



Activity

AIDS DAY- AIDS Awareness rally

Date

01.12.21

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 were explained about the AIDS and its consequences and the cautions to be taken.

No. Of students participated

24



Activity

Bridge course

Date

01.12.2021-7.12.21

Aim&Objective

To make up the Fresher students in to the new subject.

Report

A one week bridge course was conducted to the First year students, since they have come from different backgrounds in their intermediate course, such as Maths, Botany, Zoology, Horticulture. In order to create easiness in the subject "Microbiology", basics were introduced to the students.

Outcome

Students learnt about the basics and some techniques in Microbiology.

No. Of students participated

7



Activity

Date

**Aim&Objective
Report**

Student seminars

16.12.2021

To inculcate the speaking skills to the students.

Final year Students have prepared the PPTs and presented on the given topics. Other students asked the questions, Presenter student tried to answer.

Outcome

All the students were tried to present on the given topics.
Helped them to increase their efficiency.

**No. Of students
participated**

14



Activity

Field trip

Date

06.01.2022

Aim&Objective

A local field trip on their subject was planned to get the visual experience.

Report

A local field trip to Ramapuram crop fields near to Perala, and Beach was conducted. MZC students took part in the field trip. Students were taken to different crop fields such as green gram, Black gram, Maize, Ragi, ground nut, citrus trees to observe the plant diseases. And also went to the Ramapuram beach and collected water sample for the observation of microbes in the marine water.

Outcome

Students observed and identified the infested plants and the specific diseases in different crops caused by Bacteria and viruses. Also observed the root nodules from green gram, black gram plants. Collected marine water in a bottle to study the marine micro flora.

No. Of students participated

14



Activity

Guest Lecture

Date

06.01.2022

Aim & Objective

To enlighten the students with extra knowledge in addition to the curriculum a Guest Lecture was conducted.

Report:**Resource Person**

Smt. P.Aruna, Lecturer in Microbiology,
GDCW(A), Guntur.

Lecture Topic

Molecular Techniques

About the Lecture

The resource person Smt. P. Aruna madam delivered a lecture on Techniques used in Molecular biology. Madam explained the importance, principles and the applications of the various techniques used in molecular biology.

Out come

The extensive explanation regarding the techniques created enthusiasm in students regarding Molecular Biology. Students were open-minded and raised several doubts.

Number of Students participated

18



**Activity
Date**

Covid Vaccination
07.02.2022

Aim & Objective

It is to reduce the risk of Covid-19 pandemic, encouraged students to get vaccinated.

Report

Mega vaccination drive was conducted in the college. Explained the students about the advantages of vaccination and motivated them to take vaccine.

Out come

Students got motivated and vaccinated.

No. of students participated

16



Activity
Date
Topic
Aim&
Objective
Report

Webinar

08-02-2022

Advances in Biological Research

To understand the current research areas in Biology, to enhance knowledge and to move forward.

Three speakers gave lectures in the webinar.

1.Dr. Amrithavalli – Spoke on current research activities going on Endophytic Fungi.

2. Dr.Savitha Janakiraman – Spoke on “Fungi- is the source of Single Cell Oil.

3.Dr.Ranjith Kumavath- Spoke on the current Research work related to “Metagenomics”.

Outcome

The webinar is very informative and the speakers shared knowledge in the current research activities. They have introduced new topics to the listeners.

No. of
Participants

Around 80 Students, Lecturers from various degree colleges were participated in the webinar.



**Activity
Date
Aim &
Objectives
Report**

National Science Day

28.02.2022

The National Science Day was conducted with the aim of creating innovative thinking in students.

All the MZC students have prepared different scientific models such as sewage treatment plant, MBRT Test, Immune cells, organs models, Covid entry into the human body, Bacterial cell structure etc.

Out come

Students from various schools, colleges, Lecturers visited the models exhibited in the science exhibition. MZC students explained about the models to the visitors. Models like Covid created alertness to the visitors.

**No. of students
participated**

Approximately 350.





చీరాల: వైపి మహిళా టీచీ కాలేజీలో నిర్వహించిన కార్డుక్రమంలో
సమూహాలు ప్రదర్శిస్తున్న విద్యార్థినులు

లు రోహిణి, చనుమ్మ పొల్లన్నారె, సైన్సుపై అవగాహన పెంచుకో...

Name of the activity Deworming week

Date 05.03.2022

Objective It is to create awareness among the students about the round worms and the severe effects caused by the round worms in children mainly from 1-19 yrs of age group.

Report The Department of Microbiology conducted the Deworming week. Lecturers, Smt. P. Sudha Rani, T. Sreeja explained about the round worms structure, growth in the human body, symptoms, spread of the eggs of the round worms in unhygienic environments. The precautions must be followed was explained too.

Outcome The students understood well about the disease and the cautions to be taken

No. of Students 40

Benefited:

Image



Name of the activity

National Vaccination Day

Date

16-03-2022

Objective

The Day was celebrated to create the awareness about the importance of the vaccination.

Report

The National Vaccination Day was conducted on March 16. Explained about the vaccines, their preparation, their importance in the wellbeing of the humans. And also Explained about the theme of this year "Vaccines work for all". It has been told to students to create awareness at their localities.

Out come

Students were very enthusiastic about the vaccines and their preparation, since all are most familiar with the covid -19 pandemic vaccination. They tried to understand the procedures of preparation.

No. of Students benefited

70



Name of the activity

FIELD TRIP TO INDISHROOM MUSHROOM CULTIVATION UNIT

Date

21.04.2022

Objective

In order to inculcate Experiential Learning among the students, the visit to mushroom cultivation unit was conducted.

Report

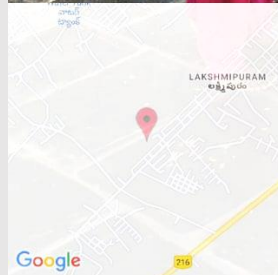
Students of Final year MZC were taken to the Field trip to the Indishroom mushroom cultivation unit Chirala. The organizers were explained and shown about the procedures of paddy straw cutting, Fungal spawn, Addition of spawn to the paddy straw layers, their incubation, and the conditions for incubation, harvesting of the mushrooms .

Outcome

The students had observed the various steps of mushroom cultivation and is one of the self employment opportunity.

No. of Students Benefited:

8



Lakshimpuram Dibba, near venkateswara swami temple, Lakshimpuram, Chirala, Andhra Pradesh 523165, India

Chirala
Andhra Pradesh
India

2022-04-21(Thu) 04:28(pm)



31°C
88°F

Name of the activity

ADMISSIONS CAMPAIGN FOR THE ACADEMIC YEAR 2022-2023

Date

27.04.2022

Objective

To increase the admission strength for the academic year 2022-23 campaigning was done at various Junior colleges.

Report

In order to strengthen the courses, admission campaign was conducted at various junior colleges around chirala. The facilities in the college, Lab facilities and personality development in addition to the curriculum, all other features about the college were explained.

Outcome

Students were exposed about the college and the facilities available.

