

DEPARTMENT OF MICROBIOLOGY

2021-2022 ACTIVITIES

Activity	Admissions Campaign
Date	25-08-2021
Aim & Objective	It is aimed to get a good number of admissions in the MZC group.
Report	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 took part 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	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	Kahoot
Date	29.11.2021
Aim&Objective	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	Student seminars
Date	16.12.2021
Aim&Objective	To inculcate the speaking skills to the students.
Report	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	Covid Vaccination
Date	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	Webinar
Date	08-02-2022
Topic	Advances in Biological Research
Aim& Objective	To understand the current research areas in Biology, to enhance knowledge and to move forward.
Report	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	National Science Day
Date	28.02.2022
Aim & Objectives	The National Science Day was conducted with the aim of creating innovative thinking in students.
Report	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.

Name of the activity	De worming 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 Benefited:	40

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

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.