

TTWRDC (M), NAGARKURNOOL @JADCHERLA

AFFILIATED TO PALAMURU UNIVERSITY

DEPARTMENT OF MICROBIOLOGY

Department of microbiology was established in the year 2017 with UG course Microbiology, zoology, Chemistry with strength of 26 students .Currently the department of Microbiology has 81 students. The objective of the department is to provide high quality graduate program which are both skills and knowledge based. Our department students have a track record of securing central university PG seats and also top rank with in the first ten in the Palamuru university level. The students are consistently qualified IIT JAM exam for post-graduation .The department has good placement record for the students in pharmaceutical industries.

LABORATORY ACTIVITES – DEPT OF MICROBIOLOGY

The microbiology laboratory plays an important role in the gaining knowledge and motivate the students towards research .Gurukulam, govt of Telangana has provided great laboratory equipment for our institution. Students participate in various laboratory activities and shows enthusiasm to attend practical sessions.



EQUIPMENTS IN OUR LABORATORY

BINOCULAR MICROSCOPE(4)



CENTRIFUGE:



AUTOCLAVE:



Incubator



Hot air oven







Our students achievements:

We have run the coaching programs and conducting weekly tests for various post graduation entrance tests .This transformative steps towards providing quality education and encourage the students to start higher studies in national universities such as IIT ,NIT,IISC,HCU,IISER,Other central universities.



P.Kotesha yadav

2017 -2020 batch

CUCET RANK -24

M.SC MICROBIOLOGY ,TAMILANADU CENTRAL
UNIVERSITY



SHIVA KUMAR PITTALA

2017-2020 BATCH

CPGCET RANK-564M.SC BIOCHEMISTRY ,MAHATMA GANDHI
UNIVERSITY,NALAGONDA.



K.VIVEK

2018-2021 BATCH

CPGCET RANK-261

M.SC MICROBIOLOGY ,PALAMURU UNIVERSITY



M. MOHAN

2018-2021 BATCH

Mb.Z.C UNIVERSITY RANK -3

M.SC MICROBIOLOGY ,PALAMURU UNIVERSITY

S.NO	NAME	RANK	COURSE	UNIVERSITY
1	KOTESH .P	24	MICROBIOLOGY	TAMILANADU CU
2	SHIVA KUMAR PITTALA	564	BIOCHEMISTRY	MGU,NALAGONDA
3	K.VIVEK	261	MICROBIOLOGY	PU ,MBNR
4	M. MOHAN	1544	MICROBIOLOGY	PU ,MBNR
5	NARASIMHA .B	ON MERIT	MICROBIOLOGY	KERALA CU

UNIVERSITY RANK IN ACADEMICS: 2019-2021 BATCH

S.NO	NAME	GROUP	RANK IN PU
1	M. MOHAN	Mb.B.C	03

TTWRDC (M), NAGARKURNOOL @JADCHERLA

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DEPARTMENT OF MICROBIOLOGY

STUDENT SEMINARS:

Organizing student seminars in our institutions improves student communication skills, gaining knowledge, renewing motivation and confidence in students. MZC II and III year students frequently give seminars on topics of microbiology and molecular biology.

Student seminar on Ultra structure of DNA by Suresh, MZC III year



conducting student seminar on food intoxication by Bhrath kumar from MZC II year.



Student teacher: To acquire knowledge effectively during class, to determine student developmental levels in subject and to get serious attention in academic sessions, we are conducting student teaching sessions in class rooms for last 10 min.



Faculty seminars:

Acquirement of knowledge in particular field: seminars and workshops provide a chance to interact with experts from the specific field. Discussing about the relevant topics in life sciences, students tend to learn about the latest information and new skills. In our institution, by encouragement of our honorable principal we have conducted various seminars on covid pandemic, cancer, sexual transmitted diseases

and pneumonia on specific days. Students from science and non-science background students also show enthusiasm to attend microbiology seminars.

Faculty Seminar on world pneumonia day



Poster presentation:

A poster presentation is a way to communicate your understanding of a topic in a concise and visually engaging format .A poster presentation usually includes two elements: a poster, a brief verbal

explanation of the poster content. Department of microbiology, TTWRDC (m) ,Nagarkurnool have conducted poster presentation competition to bring awareness on AIDS on world AIDS day (December 2020).Students from science and non-science background have participated in that program successfully .We have conducted prize distribution ceremony to encourage the students (for first three winners).







Awareness program on sexually transmitted diseases -
by dept of Microbiology TTWRDC (M), Nagarkurnool.



FERMENTED FOOD PREPARATION FOR FOOD FESTIVALS:

Dept. of microbiology, TTWRDC, Nagarkurnool have plan to conduct food festival soon. For that program MZC II year students tried to prepare ancient fermented foods such as Dokla, Cake and Wine as part in food microbiology.

CAKE AND DOKLA:

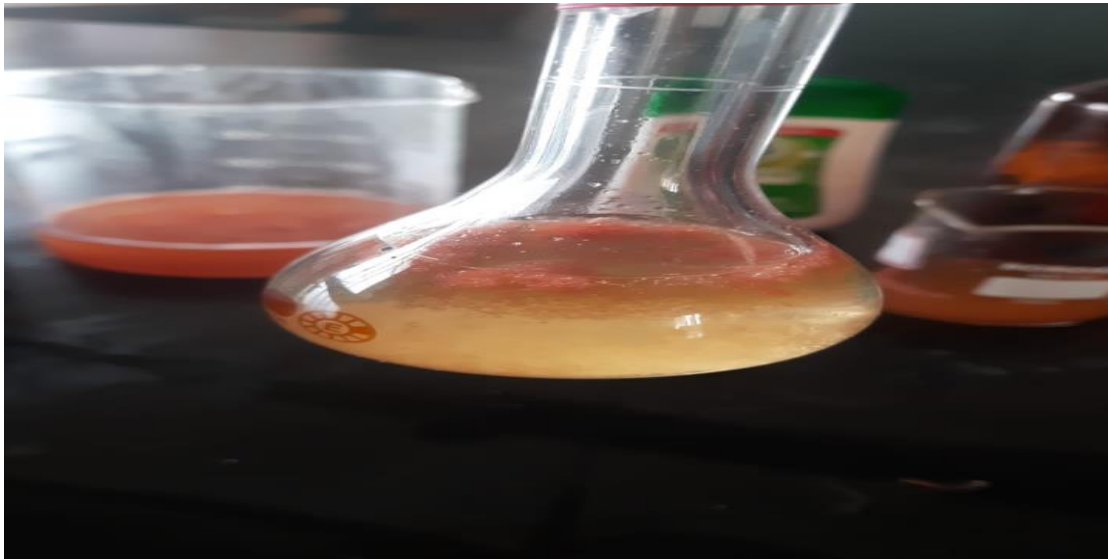




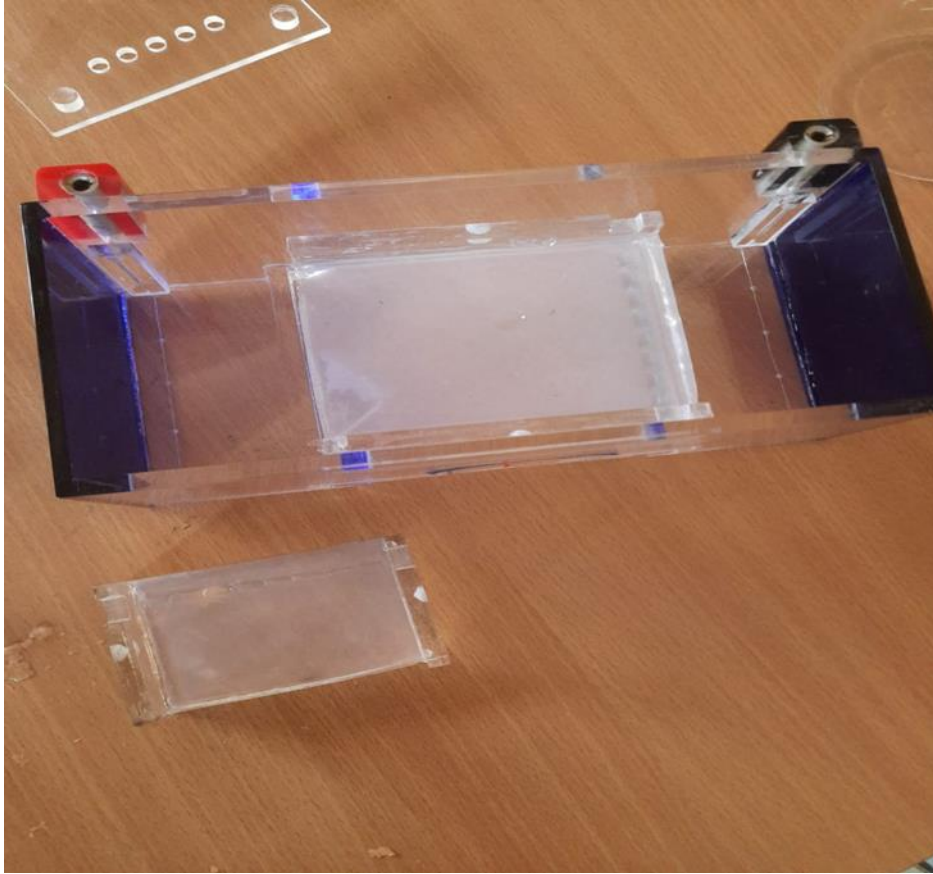
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Conducting collaborative sessions for BZC and MZC Students isolated DNA from tomato



Separation of DNA fragments by electrophoresis:



MICROSCOPIC OBSERVATION







