

ACTIVITIES 2023-2024

S.No.	DATE	NAME OF THE PROGRAM	RESOURCE PERSON
1	01-08-2023	EDUCATIONAL TRIP FOR CCMB	DR. N. Kalaiselvi, director general, CSIR and secretary, DSIR, DR. Ashishlele director, CSIR at IICT
2	22-09-2023	FIELD TRIP TO MASQATI DAIRY FARM	
3	30-10-2023	PRINCIPLES AND APPLICATIONS OF GENETIC ENGINEERING	DR.J.Usha Rani
4	15-11-2023	INTERNSHIP ON MEDICAL MICROBIOLOGY TECHNIQUES” AT TAPADIA DIAGNOSTIC CENTRE BATCH-3	Dr. Rohit Tapadia
5	15TH, 16TH AND 17TH FEBRUARY 2024	THREE DAY INTER COLLEGE NATIONAL LEVEL WORKSHOP ON CYBER SECURITY AND FORENSIC SECURITY	MR. Roopak Voleti
5	21-02-2024	BIOLOGICAL WARFARE AND PREVENTIVE MEASURES	DR. Vasavi Dathar
6	28-02-2024	SCIENCE DAY 2024	-

EDUCATIONAL TRIP FOR CCMB

01-08-2023

RESOURCE PERSON: DR. N. Kalaiselvi, director general, CSIR and secretary, DSIR, DR. Ashishlele director, CSIR at IICT

ONE WEEK, ONE LAB CELEBRATIONS AT CSIR-CENTRE FOR CELLULAR AND MOLECULAR BIOLOGY, HYDERABAD.

The program was scheduled from 10.00-11.30AM, with inaugural talks of Dr, N.Kalaiselvi, Director General, CSIR and Secretary, DSIR, Dr.Ashish Lele Director, CSIR at IICT auditorium on research and opportunities in life sciences and CCMB. They motivated the student with the new technologies which are introducing in CCMB and Industries.

From 11.30-14.00PM, students attended the technology showcase on CCMB premises. They met with different scientists here and get an overview of the research questions they address, and understand how some of the lab techniques work.

Students also visited the Gene-Health Connect, a mobile science exhibition explaining about the role of genes play in our health and well-being.



FIELD TRIP TO MASQATI DAIRY FARM

DATE: 22-09-2023

A field trip was planned by Mrs. A.Padmaja, Head, Microbiology department for the second and final years of Bt/Mb/C students to Masqati dairy farm, Ibrahimpatnam. The objective on taking the students to gain knowledge on the making process of the dairy products and as it is also included in their academics as the students also can achieve the practical knowledge. The aim of the field trip was to educate the students on how Microbiology plays an important role in making process of several dairy products, and also they were guided on career opportunities in the concerned fields.



**EXTENSION LECTURE ON
PRINCIPLES AND APPLICATIONS OF GENETIC ENGINEERING
DATE: 02-10-2023**

The resource person was Dr. J. Usha Rani

The mandate to conduct extension lecture on “PRINCIPLES AND APPLICATIONS OF GENETIC ENGINEERING” as it is a part of academics and to create knowledge and awareness in the students.

The banner features a blue background with a glowing DNA double helix. At the top left is the logo of Keshav Memorial Institute of Commerce and Sciences. The text on the banner includes: 'KESHAV MEMORIAL INSTITUTE OF COMMERCE AND SCIENCES', 'Affiliated to Osmania University', 'Narayanaguda, Hyderabad 500029', 'EXTENSION LECTURE', 'PRINCIPLES AND APPLICATIONS OF GENETIC ENGINEERING', '30-10-2023', 'SPEAKER Dr. USHA RANI JALAGARI', 'Organized by', 'I/C PRINCIPAL Smt.V. SHANTHI', 'A.PADMAJA (HOD) CONVENOR', and 'DEPARTMENT OF MICROBIOLOGY'. A small portrait of Dr. Usha Rani Jalagari is shown on the left side.



**INTERNSHIP ON MEDICAL MICROBIOLOGY TECHNIQUES”
AT TAPADIA DIAGNOSTIC CENTRE
BATCH-3**

DATE: 15-11-2023

RESOURCE PERSON: DR. ROHIT TAPADIA

Objective and learning outcome from the Internship:

- To acquire basic skills in the identification and isolation of microbial pathogens.
- Demonstrate understanding of the principle of diagnostic medical microbiology and the clinical corrections.
- Make observations, understand the fundamental elements of experimental design, generate and analyse data on pathogenesis and control of disease.
- Demonstrate proficiency in collection, interpretation and presentation of scientific data in medical microbiology when conducting a research.
- Communicate about the case studies using appropriate oral and written means
- The purpose of the event was to provide the students a brief glimpse of the Internship so they could get hands-on experience

THREE DAY INTER COLLEGE NATIONAL LEVEL WORKSHOP ON CYBER SECURITY

AND

FORENSIC SECURITY

DATE: 15, 16 AND 17TH OF FEBRUARY

RESOURCE PERSON: MR. ROOPAK VOLETI

Cybersecurity is the practice of protecting internet-connected systems such as hardware, software and data from cyber threats. It's used by individuals and enterprises to **protect against** unauthorized access to data centers and other computerized systems. Cyber safety is the safe and responsible use of information and communication technologies, such as the internet, social media, online games, smart phones, tablets and other connected devices. Cyber safety education provides students with the knowledge and skills they need to stay safe in online environments





GUEST LECTURE BIOLOGICAL WARFARE AND PREVENTIVE MEASURES

DATE: 21-02-2024

RESOURCE PERSON: DR. VASAVI DATHAR

Biological warfare, also known as **germ warfare**, is the use of biological toxins or infectious agents such as bacteria, viruses, insects, and fungi with the intent to kill, harm or incapacitate humans, animals or plants as an act of war.^[1] Biological weapons (often termed "bio-weapons", "biological threat agents", or "bio-agents") are living organisms or replicating entities (i.e. viruses, which are not universally considered "alive"). Entomological (insect) warfare is a subtype of biological warfare.



SCIENCE DAY 2K24

DATE: 28-02-2024

On the occasion of International Science day, Life sciences departments has conducted many programs like show case of one minute experiment, food stalls, puzzles, poster making, model making etc.,

Every program conducted was in the form of a competition. For winners we have given prizes and for the students who have participated had got participation certificates.

