

## ACTIVITIES 2019-2020

S.NO	DATE	PROGRAM	RESOURCE PERSON
1	15-07-2019	GUEST LECTURE ON PRODUCTION OF CHEESE	Mrs.Ayesha Tazeem
2	08-08-2019	FIELD TRIP TO ACTIVE FORMS TO CHEVVELLA	
3	23-09-2019	EXTENSION LECTURE ON AUTO IMMUNITY	Dr. Sandeeptha, Assistant professor, Department of microbiology from Osmania University
4	27 <sup>th</sup> 28 <sup>th</sup> & 30 <sup>th</sup> DEC, 2019	THREE DAY INTER COLLEGE NATIONAL LEVEL WORKSHOP ON FORENSIC SCIENCE AND CYBER SECURITY	<p><b>1. Dr. TULSIDAS R. BAGGI</b>  <b>Director (Retd.)</b>  <b>Central Forensic Science Laboratory (CFSL)</b>  <b>Bureau of Police Research &amp; development (BPR&amp;D),</b>  <b>Ministry of Home Affairs (MHA), Govt. of India (GoI)</b></p> <p><b>2. ESWARA SAI PRASAD CHUNDUR</b>  Assistant Director cum Scientist C  Computer Forensic Unit, Central Forensic Science Laboratory</p>
6	27-01-2020	FIELD TRIP TO CDFD	
5	06-03-2020	FIELD TRIP TO SEWAGE TREATMENT PLANT AND MASQATI DAIRY FORM	
7	16-05-2020	INTERNATIONAL WEBINAR ON <u>UPDATING SKILLS IN GENERAL MICROBIOLOGY</u>	Mr. Naresh Kumar Amradi KRF- Post Doctoral Researcher Yonsei University, Seoul, South Korea Dr. Siva Sankar Koganti

## GUEST LECTURE ON PRODUCTION OF CHEESE

DATE: 15-07-2019

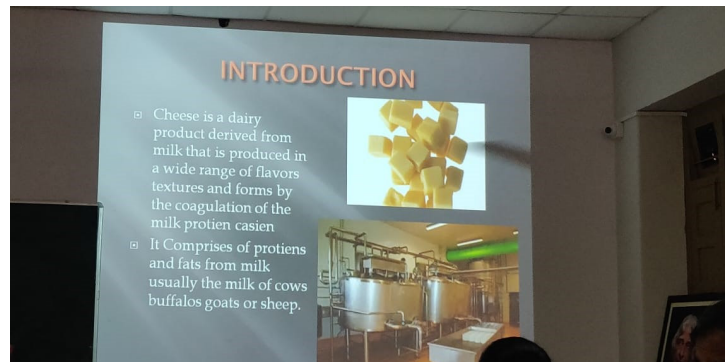
RESOURCE PERSON: Mrs. Ayesha Tazeem

Department of Microbiology organized a Guest Lecture on “**PRODUCTION OF CHEESE**,” on 19<sup>th</sup> March, 2019 from 11:00 AM to 12:30 PM in 2<sup>nd</sup> floor Seminar hall for Bt/Mb/C-III Year students.

**About Speaker:** The guest lecture is Mrs. Ayesha Tazeem Head of the Department from Shadan Degree College for women. The lecture was attended by 26 students and 2 Faculty members of Microbiology Department.

**Cheese** is a dairy product derived from milk that is **produced** in a wide range of flavors, textures, and forms by coagulation of the milk protein casein.

During **production**, the milk is usually acidified, and adding the enzyme rennet causes coagulation. The solids are separated and pressed into final form



FIELD TRIP TO ACTIVE FORMS TO CHEVELLA

**ORGANISED BY THE DEPARTMENT OF MICROBIOLOGY MEMBERS**

**DATE: 08-08-2019**

**MRS. A. PADMAJA, HEAD OF THE DEPARTMENT**

**DR. KIRAN KUMAR, BIOTECHNOLOGY**

**MS. LALITHYA REDDY**

A hands-on-workshop was planned by Mrs. A. Padmaja, department of microbiology for the second and final years of Bt/Mb/C to the active discovery farms who were very keen on conducting the workshop on 8<sup>th</sup> August, 2019.

The aim of the field trip was mainly to educate the students on entrepreneurship, where in to create various natural products without adding chemicals that can be used in farming and also natural products that are used in every household. The hands-on-workshop was conducted to create awareness in the students on the natural products like jeevamrutham, agni asthram, natural NPK instant energy, vermicompost, pot soil mixing, natural pest repellents, brahamaasthram, banana peel to potassium required for farming and controlling soil erosion. The students also participated on how farming is done by participating in activities like paddy transplantation, Soil preparation, sowing, harvesting, bulls ploughing. The students also did animal petting and feeding of domestic animals like horse, rabbit, etc. The students also learned to prepare natural and homemade products like detergent, soaps, shampoo, hand wash, mouthwash, bioenzyme and etc.



## **EXTENSION LECTURE ON AUTO-IMMUNITY**

**DATE: 27-12-2019 TO 30-12-2019**

**RESOURCE PERSONS: 1. Dr. TULSIDAS R. BAGGI Director (Retd.)**

**Central Forensic Science Laboratory (CFSL)**

**Bureau of Police Research & development (BPR&D),**

**Ministry of Home Affairs (MHA), Govt. of India (GoI)**

**2. ESWARA SAI PRASAD CHUNDUR Assistant Director cum Scientist**

**Computer Forensic Unit, Central Forensic Science Laboratory**

The reason to select this specific topic is to acknowledge the students with the depth the autoimmune diseases and how our immune system works on protecting the body from the diseases. Hence the extension lecture is organized for the students to understand and gain knowledge.

An autoimmune disease is a condition in which your immune system mistakenly attacks your body.

The immune system normally guards against germs like bacteria and viruses. When it senses these foreign invaders, it sends out an army of fighter cells to attack them.



**THREE DAY INTER COLLEGE NATIONAL LEVEL WORKSHOP  
FORENSIC SCIENCE AND CYBER SECURITY  
DATE: DECEMBER 27,28 & 30, 2019  
RESOURCE PERSON: Dr. T. R. BAGGI  
ESWARA SAI PRASAD CHUNDURI**

- Hand on training in development and examination of fingerprints
- Hands on training in examination of documents and comparison of handwriting.
- Develops observational crime prevention techniques and investigation methods.





## FIELD TRIP TP CENTER FOR DNA FINGERPRINTING AND DIAGNOSTICS DATE: 27-01-2020

The Centre for DNA Fingerprinting and Diagnostics (CDFD) is an autonomous organization funded by the Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India. CDFD also receives funding from other agencies on specific collaborative projects.

Basic research in the frontier areas of modern biology is the key component of CDFD, which include genetics, molecular and cell biology, molecular pathogenesis and computational biology. CDFD also has significant investments and expertise in research infrastructure resources.

CDFD offers wide range of instrumentation and analytical services in the area of modern molecular biology using state of - the-art, high precision, supreme quality, sophisticated scientific instruments. This matchless facility is being made accessible to all interested **scholars, academicians and scientist from Universities, R&D institutes, private firms and industries along with teachers and students from colleges and schools at notional costs.**



**FIELD TRIP TO SEWAGE TREATMENT PLANT AND MASQATI DAIRY FORM**

**DATE: 06-03-2020**

**ORGANISED BY THE DEPARTMENT OF MICROBIOLOGY MEMBERS**

**MRS. A. PADMAJA, HEAD OF THE DEPARTMENT**

**MS. LALITHYA REDDY**

The aim of the field trip was to educate the students on how microbiology plays an important role in the treatment of waste water and the making process of several dairy products such as ice cream, flavored milk, ghee, paneer and etc. and also they were guided on career opportunities in the concerned fields



**INTERNATIONAL WEBINAR  
ON  
UPDATING SKILLS IN GENERAL MICROBIOLOGY  
DATE: 16-05-2020**

**RESOURCE PERSON: Mr. Naresh Kumar Amradi KRF-Post Doctoral Researcher Yonsei University, Seoul, South Korea. Dr. Siva Sankar Koganti**  
The aim of the webinar was to create awareness on how covid – 19 can be treated by plasma therapy and knowledge on how different microbes can be used for different purposes which exposes the student on the knowledge for their benefit for their future.



**SPEAKERS:**

**Session - 1:** **Dr. SHIVA SHANKAR KOGANTI, PhD; PDF (U.S,A)**  
Ramalingaswamy Fellow; Scientist – D;  
Consultant; COVID Molecular Diagnostics; Govt of A.P.

**Topic : PLASMATHERAPY FOR COVID-19**  
**Time : 11:00 am - 12:00 pm**

**Session – 2 :** **Dr. NARESH KUMAR AMRADI**  
KRF-Postdoctoral Researcher  
Environmental Processes and Materials Laboratory  
Department of Civil and Environmental Engineering,  
Yonsei University, Seoul, South Korea

**Topic : MICROBES IN BIO WASTE MANAGEMENT**  
**Time : 12:00 pm - 1:00 pm**

**registration link :** [https://docs.google.com/forms/d/1LpkogjDHq5fTcOfmbox14mnYbWaROPdmfMo\\_yuk/edit?usp=sharing](https://docs.google.com/forms/d/1LpkogjDHq5fTcOfmbox14mnYbWaROPdmfMo_yuk/edit?usp=sharing)

**CONTACT**  
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PH.NO : 9985152753

**organized by**  
**DEPARTMENT OF MICROBIOLOGY**  
e-certificates will be provided  
Session id will be shared through whatsapp/email

**DATE : 16th MAY, 2020**  
**TIMING : 11 : 00am – 1 : 00pm**  
**Registration is free**  
**Plat form : ZOOM**

