

ACTIVITIES OF 2018 – 2019

| S.NO | DATE | PROGRAM | RESOURCE PERSON |
|------|------------|---|--|
| 1 | 16-07-2018 | Guest lecture on hypersensitivity | Asst.Prof. Mrs.SHANTHI |
| 2 | 14-08-2018 | Guest lecture on ultra structure of bacterial cell | Asst.Prof. Mrs. Rama Kalyani |
| 3 | 17-09-2024 | Field trip to EPTRI (Environmental Protection Training & Research Institution) | |
| 4 | 23-10-2018 | Estimation of Haemoglobin in slum area at Bhaglingampally | |
| 5 | 24-10-2018 | Two day inter college workshop on Analytical Profile Index (API) advance techniques in microbial identification | Ms.Adhira Sr.technician |
| 6 | 29-12-2018 | Meet the success | Interactive Session with Alumini |
| 7 | 3-04-2019 | Guest lecture on Mushroom Cultivation | Mrs. Kanaka Durga, Head of the department of microbiology in Noble Degree College |

GUEST LECTURE ON HYPERSENSITIVITY
DATE:16-07-2018
RESOURCE PERSON: Asst.Prof. Mrs.SHANTHI

Department of microbiology organized a guest lecture on “HYPER SENSITIVITY” on 16TH July, 2018 from 11:00am to 12:30pm in the seminar hall on the 2nd floor for Bt/Mb/C 2nd and 3rd year students. To cultivate student learning and development by supporting students in their academic, personal and social growth. Hypersensitivity is a state of exaggerated immune response to an antigen. The hypersensitivity reactions are harmful antigen-specific immune response, occurs when an individual who has been primed by an innocuous antigen subsequently encounters the same antigen, produce tissue injury and dysfunction.



GUEST LECTURE ON ULTRA STRUCTURE OF BACTERIAL CELL

DATE: 14-08-2018

RESOURCE PERSON: Asst.Prof. Mrs. Rama Kalyani

Department of microbiology organized a guest lecture on “**ULTRA STRUCTURE OF BACTERIAL CELL**” on 14th August , 2018 from 10:00am-12:00pm in the seminar hall on the 2nd floor for Bt/Mb/C 2nd and 3rd year students. To cultivate student learning and development by supporting students in their academic, personal and social growth

ULTRA STRUCTURE OF BACTERIAL CELL – The structure and functions of the prokaryotic cell was explained in detail. The diagram was shown and each part was mentioned and where it is present in the cell.

Each part of the prokaryotic cell such as cell wall (gram positive and gram negative differentiation in the cell wall), capsules, slime layer, S-layer, pilli, fimbria, flagella, motility, bacterial endospore, plasma membrane, internal membrane system, inclusion bodies, ribosomes, nucleoid and etc.



**FIELD TRIP TO EPTRI
(ENVIRONMENTAL PROTECTION TRAINING & RESEARCH INSTITUTION)**

DATE: 17-09-2024

An educational tour was planned by Mrs A. Padmaja, Lecturer, Department of Microbiology for the students of Mb.Bt.C. II & III YEAR STUDENTS to EPTRI

Respected Principal Dr. J. Nageshwara Rao, has encouraged Mrs A. Padmaja to organize the trip, and recommended to college chair persons, who have gracefully provided the funds for travel.

This tour was mainly aimed to educate the students about the opportunities that exist for them in the field of modern biology, especially when they have creative ideas, which need to be nurtured in a scientific environment. Introducing the latest equipments available for research and their applications was part of the program.



ESTIMATION OF HEMOGLPBIN IN SLUM AREA SOCIO ECONOMIC SURVEY

DATE: 23-10-2018

Estimation of haemoglobin in slum area camp was organized by Department of Microbiology, Keshav Memorial Institute of Commerce and sciences. The Moto of the program is to make people aware of their blood and further educate them to have a haemoglobin test for the reasons like to check their overall health and test their haemoglobin as part of a complete blood count during a routine medical examination to monitor general health and to screen for a variety of disorders, such as anaemia. Knowledge of haemoglobin percentage will helps to know about their iron in the blood.



TWO DAY INTER COLLEGE WORKSHOP ON ANALYTICAL PROFILE INDEX (API) ADVANCE TECHNIQUES IN MICROBIAL IDENTIFICATION

24-10-2018

collaboration with BIOMERIEUX PVT. INDIA

Keshavites have unstoppable zeal for constant improvement Department of MICROBIOLOGY organized Two Day Inter College Workshop on API Advance Techniques in Microbial Identification, in collaboration with BIOMERIEUX PVT. INDIA LTD. The response and the enthusiasm is reflected by the participation of 22 students from 3 colleges. Ms. Adhira Sr. technician from API demonstrated all techniques to the students. The objective of conducting the workshop is to introduce advance microbial identification by using Analytical Profile Index (API). In the present era of technological advancement & competition, where technology get changed within college span, technical information & applications are on the way of Scientific Progression. The fast & accurate learning is the demand of present time and hence the structured learning strategy is our core requirements.



MEET THE SUCCESS

29-12-2018

(INTERACTIVE SESSION WITH ALUMINI)

ORGANIZED BY MICROBIOLOGY DEPARTMENT

Keshav Memorial Institute of commerce and sciences Microbiology Department organized alumni meet on the name MEET THE SUCCESS on 29/12/2018 for the passed out BT/MB/C students. Students have participated with great enthusiasm

The concept of alumni association evolved for needs from both the ends, i.e. academicians and professionals, in the aim of building a bridge between college life and career life, so that the fresher graduates are made proactive to face the current challenges of competitive professional world. Both the ends shall work hand in hand to help each other for achieving the goal.



GUEST LECTURE ON MUSHROOM CULTIVATION

DATE: 03-04-2019

RESOURCE PERSON: MRS. KANAKA DURGA, Head of the department of microbiology in Noble Degree College

Department of Microbiology organized a guest lecture on “MUSHROOM CULTIVATION” ON 3RD April, 2019 from 11:00am – 1:00pm in the seminar hall on the 2nd floor for the Bt/Mb/C II and III year students.

A brief introduction was given on **MUSHROOM CULTIVATION**. Then the different types of mushroom were mentioned like oyster mushroom, wood ear mushroom, shitake mushroom, straw mushroom, enoki mushroom, white button mushroom, crimini mushroom, etc.

The structure of the mushroom and each part – pileus, scales, annulus, lamella, stape, volva, and mycelia threads were shown diagrammatically.

The nutritional value of each mushroom was stated. Differentiation of edible and poisonous mushrooms as well as the mushroom cycle was explained.

Mushroom production, the major point based on the career aspect, where each step like spawn preparation was explained and even a video based on the mushroom production was shown.

