



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

LEAD TO ILLUMINATE



MICRO BIOLOGY

2020-21



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

DEPARTMENT OF MICROBIOLOGY ANNUAL REPORT FOR ACADEMIC YEAR 2020 - 21 INDEX

S. No	Date	Event	Venue	No of Participants
1	9.06.2020 to 16.06.2020	FDP on Reflections on competency based and blended learning, social distancing and a new mode of work: Role of managers	online	1
2	08-07-2020 & 12-07-2020	International Webinar UCPSPU-IPA Session –II and UCPS-IPA Session-X	Online	1
3	03/12/2020 to 11-12-2020 & 15/02/2021 to 27/02/2021	Skill Development Techniques Course	WISDOM LIFE SCIENCES, HAYATHNAGAR	14
4	23 Feb 2021	WEBINAR ON MANAV PROJECT -HUMAN ATLAS INITIATIVE ON “HOW TO READ SCIENTIFIC LITERATURE”	Online	48
5	27/02/2021	Career Opportunities in Microbiology and Allied Sciences	online	17
6	27 to 31 May 2021	FDP Insilco Drug Development	Online	1



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

FDP

Event: FDP

Topic: Reflections on competency-based and blended learning,

Date: 9th JUNE 2020 and 16th JUNE 2020.

Place: Online by St. Joseph Degree and PG College

Mrs. J. Usha Rani, from the department of microbiology, attended a series of webinars conducted by St. Joseph Degree and PG College from 9th JUNE 2020 and 16th JUNE 2020. The FDP was conducted on various topics like Reflections on competency-based and blended learning, covid-19 outbreak impact on the financial impact, social distancing and new mode of work: the role of Managers, mediate your way to happiness, Adoption of technology in upgrading skills, Emotional Intelligence: Why it can matter more than IQ, and Vicious Circle of contagious Diseases: COVID-19 Pandemic. The knowledge shared by resource person Dr. N. Srinivas was very useful in overcoming the present pandemic condition and learning new skills for an upgrade.



Mrs. J. Usha Rani from department of Microbiology attended one week FDP Online



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

WEBINAR

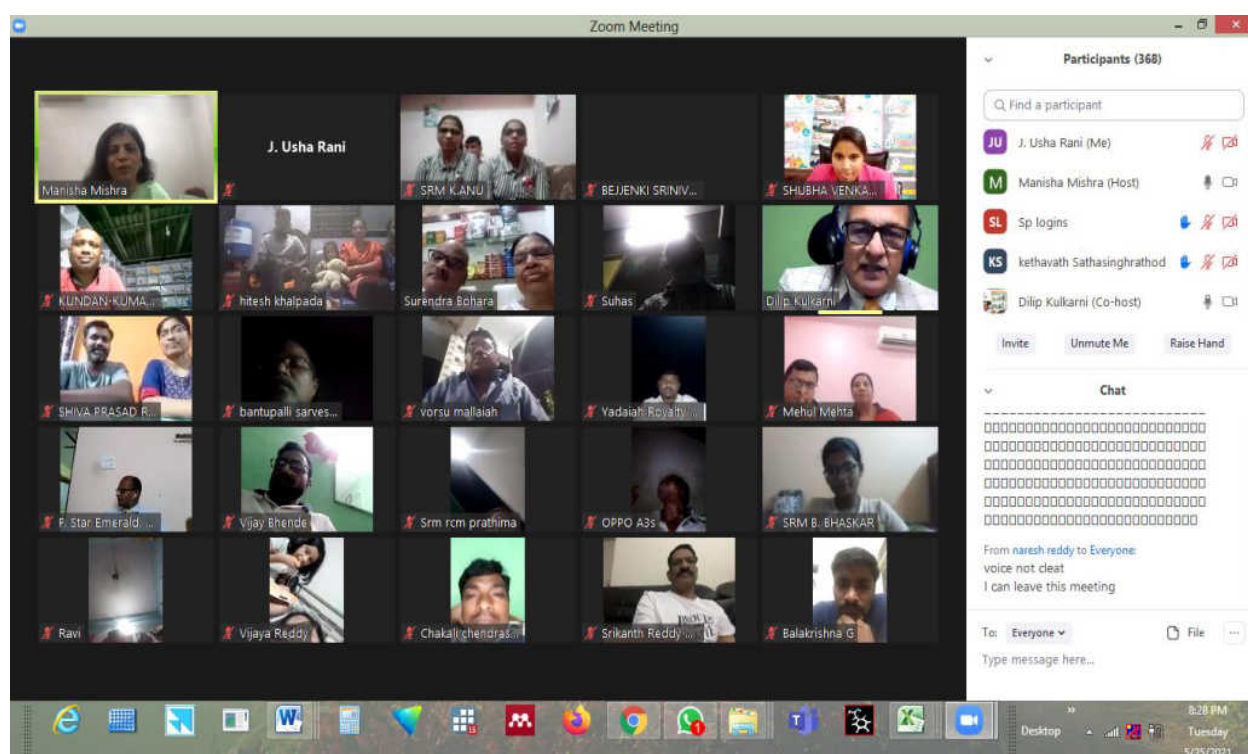
International Webinar UCPSPU-IPA Session –II and UCPS-IPA Session-X

Event: International Webinar UCPSPU-IPA Session –II and UCPS-IPA Session-X

Venue: online

Date: 08-07-2020 and on 12-07-2020.

Mrs. J. Usha Rani, from the department of microbiology, attended International Webinar UCPSPU-IPA Session –II and UCPS-IPA Session-X conducted by Palamuru University College of Pharmaceutical Science in collaboration with Indian Pharmaceutical Association (IPA), Palamuru University, Mahbubnagar, Telangana state on 08-07-2020 and on 12-07-2020.





Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

Skill Development Techniques Course

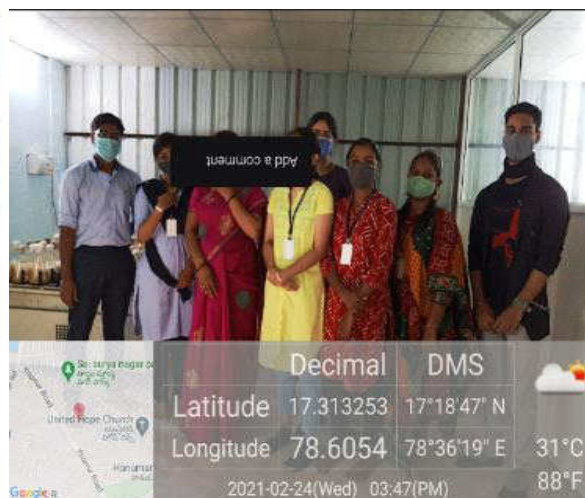
Topic: Industrial Project on PHOSPHATE SOLUBILIZING BACTERIA- A PROMISING APPROACH AS BIOFERTILIZERS

Venue: WISDOM LIFE SCIENCES, HAYATHNAGAR.

Date: 3-12-2020 to 11-12-2020 & 15-02-2021 to 27/2/2021

Total no of Students: 14

Students from B. Sc. BTMC 3 & 2 Year have done a skill enhancement project on Phosphate Solubilizing Bacteria- a Promising Approach as Biofertilizers for One Week timings 10:00AM to 5:00 PM In Wisdom Life Sciences, Hayathnagar from 3-12-2020 to 11-12-2020 and 15-02-2021 to 27/2/2021 to Dr. Hassan Director of the organization has guided the students for the project. Students learned how research work will be carried out. Students from B. Sc. BTMC III year have done project on PHOSPHATE SOLUBILIZING BACTERIA- a PROMISING APPROACH AS BIOFERTILIZERS for one week in WISDOM LIFE SCIENCES, HAYATHNAGAR from 3-12-2020 to 11-12-2020. Dr. Hassan, Director of the organization has guided the students for the project. Students learned how research work will be carried out.



Students doing project training in Wisdom Life Sciences photo



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society



Students doing project training in Wisdom Life Sciences group photo



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

Webinar

Event: MANAV PROJECT

Topic: PROJECT MANAV-HUMAN ATLAS INITIATIVE ON “HOW TO READ SCIENTIFIC LITERATURE”

Venue Online

Date: 23 Feb 2021.

No of Participants: 48

Department of Microbiology conducted Webinar on **PROJECT MANAV-HUMAN ATLAS INITIATIVE ON “HOW TO READ SCIENTIFIC LITERATURE”** in collaboration with MANAV project of the Department of Biotechnology, Govt. of India on 23 Feb 2021. The Resource Person for the webinar was Dr. Anupma Harshal, Consultant, Science Communication and Public Engagement, MANAV Project, Indian Institute for Science Education and Research (IISER), Pune. This project is funded by Department of Biotechnology (Govt. of India) and co-funded by Persistent Systems as collaboration between IISER (Pune), NCCS and Persistent Systems. MANAV-Human Atlas Initiative aims to construct a comprehensive map of the entire human body, which explicitly document macro to micro-level information.

Dr. Anupama, while addressing the scientific fraternity, elaborated on the project MANAV. She described how useful information can be retrieved from the huge incongruent data already available in the public domain. She said that project MANAV aims to harness the scientific capabilities of the students so that they may gather pieces of information to build a data network which will yield new informational insights in the field of health and medicine. Simultaneously, students will learn how to comprehend scientific literature- ‘a skill useful in all fields of science’, be it academics, industry or policy making.

The speaker further added that open access scientific articles related to human biology will be annotated by the students and will be submitted at MANAV portal which will be reviewed by the faculty members associated with the MANAV project. She further



Little Flower Degree College

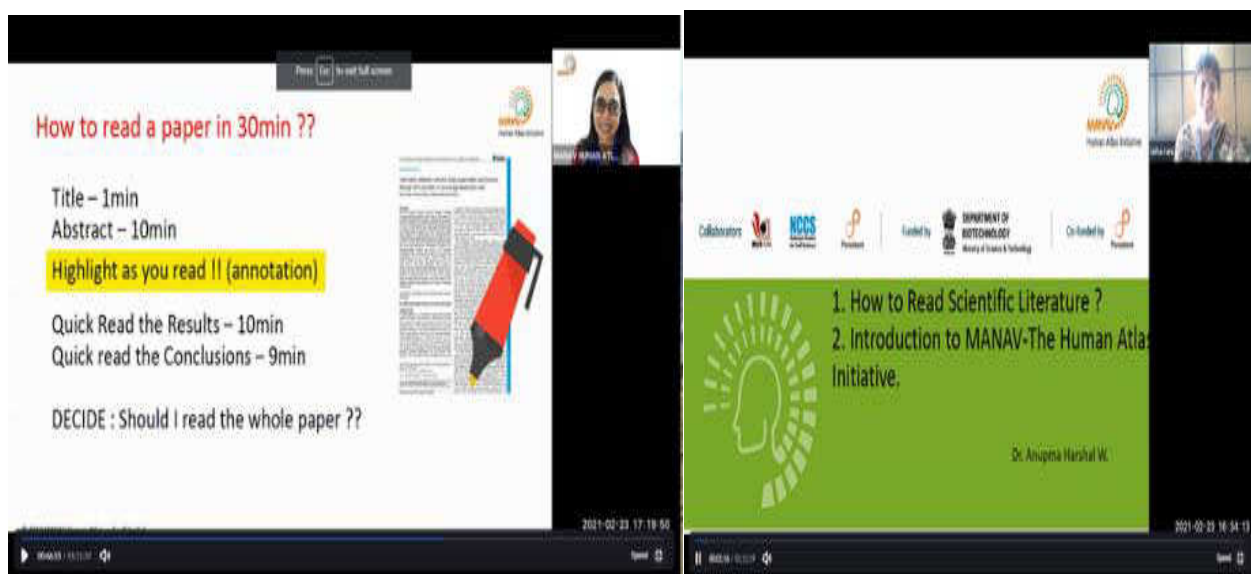
(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

explained to the students, how to efficiently read scientific literature and annotate it. The webinar was attended by a good number of post graduate students and faculty members from SKUAST-Jammu as well as from different Veterinary Colleges of India. The participants showed great interest in the session. The talk was well-received by the students who overwhelmingly participated in the discussion session of the webinar. The webinar was followed by an online questionnaire to the participants who received digital participation certificates on completion. A total of 48 participants took part in the webinar.

Resource person delivering lecture Dr. Anupma Harshal, Consultant, Science Communication and Public Engagement, MANAV Project, Indian Institute for Science Education and Research (IISER), Pune



Conducting a Session on MANAV Project on HUMAN ATLAS INITIATIVE ON “HOW TO READ SCIENTIFIC LITERATURE”



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

Webinar

Event: Webinar

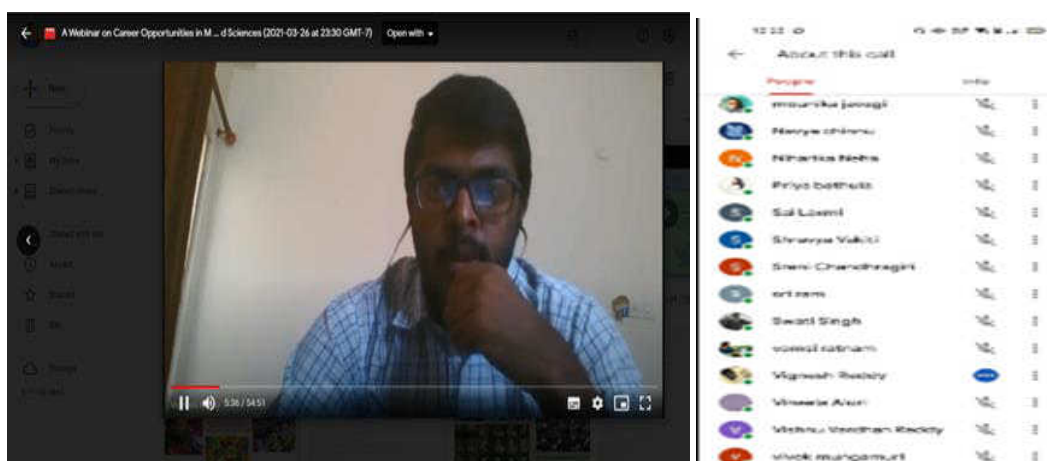
Topic: Career Opportunities in Microbiology and Allied Sciences

Venue: Online

Date: 27th March 2021

Number of Participants: 17

Department of Microbiology conducted a webinar on the topic Career Opportunities in Microbiology and Allied Sciences on 27th March 2021. Mr. A. Vignesh alumni of LFDC, Post Graduate in Microbiology & Prospective Scholar by MS at QUEEN's University, BELFAST was invited as the resource Person for the webinar. he discussed with students about Industries within Life Sciences include Pharmaceuticals, Medical Devices, Animal Health, Food Industry, Production and Services, and more. How microbiology knowledge helps the students to solve problems in areas like agriculture, food production, the water industry, medicine and pharmaceuticals, and to manage and protect the environment. The session was concluded with discussions and suggestions like Successful career development requires self-assessment, decision-making, occupational awareness, systematic exploration, and guided implementation.



Mr. A. Vignesh alumni of LFDC, Postgraduate in Microbiology & Prospective Scholar by MS at QUEEN's University, BELFAST was invited as the resource Person for the webinar.



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

FDP

Event: FDP

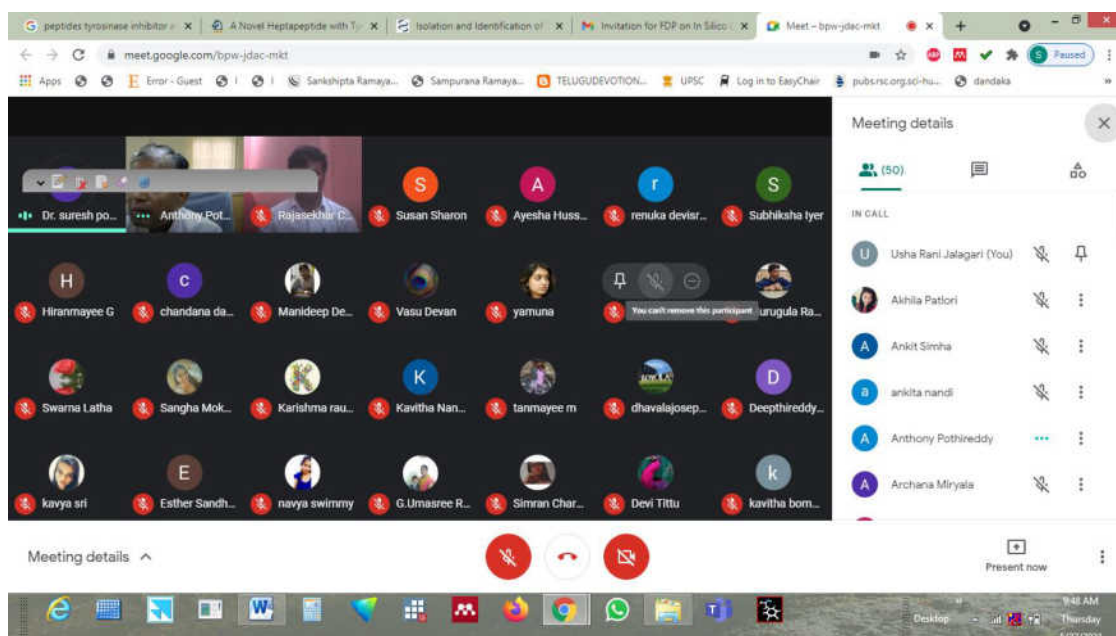
Topic: Insilco Drug Development

Venue: Online

Date: 27 May to 31 May 2021

Number of Participants: 1

Mrs. J. Usha Rani, from the department of microbiology, attended a Faculty Development Program on Insilco Drug Development conducted by the Department of Biotechnology, genetics, and Chemistry, Loyola Academy Degree and PG College, Atwal from 27 May to 31 May 2021. Dr. Rajasekhar Chikati was the resource person. Various bioinformatics databases and docking website were shown like Pach dock, PDB, Swiss modelling, pep dock cabs dock. The FDP was very interesting, and exercises were given to make the participants familiarise themselves with Bioinformatics



Online FDP attended by J. M Usha Rani on Insilco Drug Development”