

***MOU***





We hereby establish a Memorandum of Understanding with regard to a Research Internship Program facilitating the acceptance of students of Little Flower Degree & PG College as Research Interns by Adelbert Innovation Research Private Limited, Kochi. The terms of the Research Internship Program are as specified below:

1. The Research Internship Program is named as "BIOEXCELLENTIA 2022"
2. The Program is online in nature and the period of internship shall be 3 months.
3. Classes shall be conducted by subject experts/scientists coordinated by Adelbert Innovation Research during evenings on Saturdays and Sundays only.
4. The total fees for the Program is Rs.750/- and fees once paid is non-refundable.
5. Dr. Gomathi K., HOD, Department of Zoology shall be the Co-ordinator for "BIOEXCELLENTIA 2022"
6. The Research Interns shall be provided with the study materials, an Internship Certificate, a Letter of Recommendation and a Letter of Appreciation as well as mentoring support and career development guidance from Adelbert Innovation Research.

This Memorandum of Understanding is valid for 12 months, effective from the date that it is signed by both parties. Two copies of this Memorandum of Understanding are to be prepared, each to be signed by the two parties, Adelbert Innovation Research Private Limited and Little Flower Degree & PG College, Uppal. One copy is to be retained by each party.

Date: 26/05/2022

Date: 26/05/2022

Signature



Name: Rev. Bro. Vincent Reddy

Designation: Principal

**Principal**

**Little Flower Degree College**  
**Uppal, Hyderabad-500 039**

Signature

Name: Pillai Raji K

Designation: Research Director





കേരളം KERALA

DR 166401



Little Flower Degree & PG College  
Uppal, Hyderabad, Telangana, India



ADELBERT INNOVATION RESEARCH

## Memorandum of Understanding

This Memorandum of Understanding ("MOU") is entered into and effective as of 15<sup>th</sup> of June, 2022 by and between:

Adelbert Innovation Research Private Limited, a company incorporated under the provisions of the Companies Act, 2013, with CIN: U74999KL2018PTC055793 and website as [www.adelbertinnovationresearch.com](http://www.adelbertinnovationresearch.com), having its research division at KINFRA Hi-Tech Park, Kochi-683 503, India.

and

Little Flower Degree & PG College, (affiliated to Osmania University), having website as [www.lfdc.edu.in](http://www.lfdc.edu.in), is a Catholic Minority Institution established by the Montfort Brothers of St. Gabriel and located in Uppal, Hyderabad, Telangana.

Signature  
Name: Pillai Raji K  
Designation: Research Director

ADELBERT INNOVATION RESEARCH  
Kottayam - 686 510  
Phone : 8129425785

Principal

Signature  
Name: Little Flower Degree College  
Uppal, Hyderabad-500 039.  
Designation:

No. 9739 VALUE Rs 100/-

15 JUN 2022

Pillai Raji K  
Director

K. B. JAYADEV  
E.R.O. VENDOR





We hereby establish a Memorandum of Understanding with regard to Research Internship Program facilitating the acceptance of students of Little Flower Degree & PG College as Research Interns by Adelbert Innovation Research Private Limited. The terms of the Program are as specified below.

1. The Research Internship Program is named as "BIOEXCELLENTIA 2022"
2. The Program is online in nature and the period of internship shall be 3 months.
3. Classes shall be conducted by subject experts/scientists coordinated by Adelbert Innovation Research during evenings on Saturdays and Sundays only.
4. The total fees for the Program is 750/- and fees once paid is non-refundable.
5. Dr. Gomathi K., HOD, Department of Zoology shall be the Co-ordinator for "BIOEXCELLENTIA 2022"
6. The Research Interns shall be provided with the study materials, an Internship Certificate, a Letter of Recommendation and a Letter of Appreciation as well as mentoring support and career development guidance

This Memorandum of Understanding is valid for 12 months, effective from the date that it is signed by both parties. Two copies of this Memorandum of Understanding are to be prepared, each to be signed by the two parties, Adelbert Innovation Research Private Limited and Little Flower Degree & PG College, Uppal. One copy is to be retained by each party.

Date: 15/06/2022

Date: 15/06/2022

Signature

Name

: Pillai Raji K

Designation: Research Director



Principal

Signature Little Flower Degree College

Name Uppal, Hyderabad-500 039

Designation :

ADELBERT INNOVATION RESEARCH  
Kottayam - 686 510  
Phone : 8129425785

# *Activities*



# Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

## MOU PROGRAM


### LITTLE FLOWER DEGREE COLLEGE

### UPPAL, HYDERABAD

IN COLLABORATION WITH


### ADELBERT INNOVATIONS PVT LTD, KERALA

Name of Dept.:	Zoology
Event name:	Certificate and Internship for 30 hours
Title:	Bioexcellencia 2022-23
Participants:	23 students from BSc BZC & BtMC
Date & Time of Event:	July 22 Dec 22
Venue:	Online Google meet
Objective:	To create scientific learning interest in students by continuous lecture series and online training
Outcome:	The overall outcome of the session was to provide information about the research and advancement in the field of various branches of Zoology, to inculcate the scientific interest among the under graduate students.



**Adelbert Innovation Research Private Limited**  
www.adelbertinnovationresearch.com

&



**Little Flower Degree College, Uppal**  
www.lfdc.edu.in

**BIOEXCELLENTIA 2022**

\*Biochemistry/Microbiology/Biotechnology/Food Tech./Botany/Zoology  
Forensic Science & MBBS students can register\*

**Online  
3 months  
Module**

\* Analytical techniques in biological research

\* **Genomics & NGS**

\* **Cancer Biology**

\* **Research Methodology**

\* **Bioinformatics**

\* **Statistical software tools**

\* **Data analysis**

\* Letter of Recommendation    \*Internship Certificate    \*Letter of Appreciation

\*Classes by Scientists & Subject experts    \* Entrepreneurship development info

\*Study materials    \*Mentoring support    \*Career development guidance

**Onboarding**  
20/June/2022

Apply with CV to : [adelbertinterns@gmail.com](mailto:adelbertinterns@gmail.com)  
Whatsapp call & messages : +91 8304819243

**Offboarding**  
20/Sep/2022

  
**PRINCIPAL**  
 Little Flower Degree College  
 Uppal, Medchal Dist-500039.  
 College Code : 2010



# Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

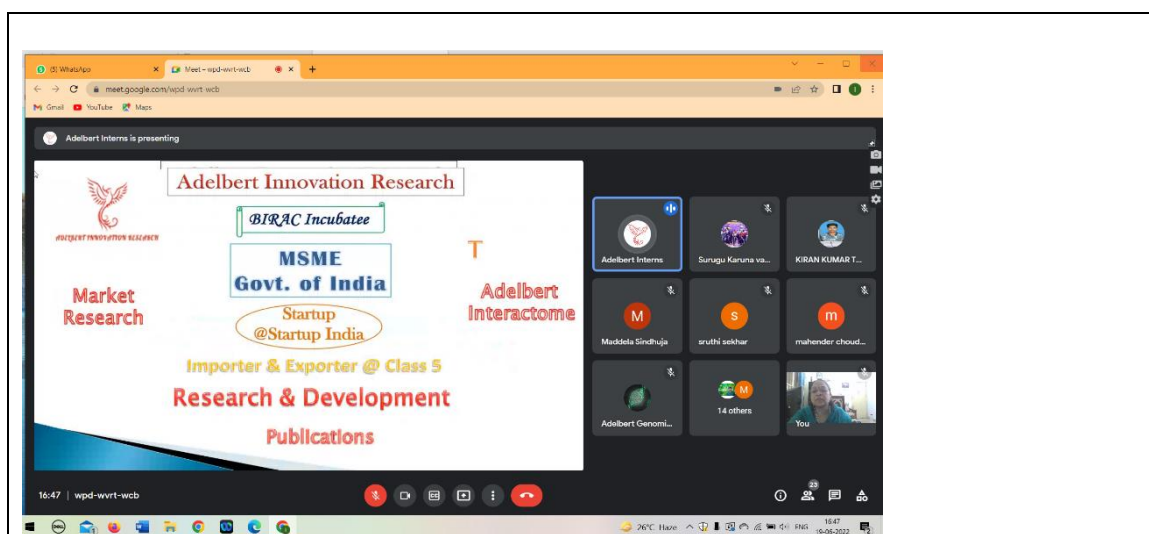
Managed by Brothers of St. Gabriel Educational Society

## Report

The **Department of zoology** organised certificate and internship program **Bioexcellencia 22-23** in collaboration with **Adelbert Innovations pvt ltd, Kerala**. This 30-hour program was organised by both the organisations under MOU collaboration. 23 students from BZC and BTMC III and II years and other colleges from India also enrolled for this program. It was conducted in online platform Google meet, in the week ends by both the institutions. Resource persons from various scientific backgrounds were invited as special speakers, the student's interaction was followed.

Dr. Rajiv Giroti, Director of Central Forensic Science Lab, Hyderabad, delivered lecture on DNA profiling in criminal investigation. Dr. Joseph, Daniel, Assistant Professor from St. Joseph's College, Kadalur delivered on Microbial Diversity. Dr. Gomathi Kapali Assistant Professor, Little Flower Degree College, Hyderabad delivered on Auto immune diseases. Videos of lab work, scientific research was also included in the program. Young researchers, Phd scholars and PG students also participated as resource persons to share their knowledge.

The overall outcome of the session was to provide information about the research and advancement in the field of various branches of Zoology, to inculcate the scientific interest among the under graduate students .



Session by Ms Raji Pillai, Adelbert Director

*Jayanthi*  
**PRINCIPAL**  
Little Flower Degree College  
Uppal, Medchal Dist-500039.  
College Code : 2010



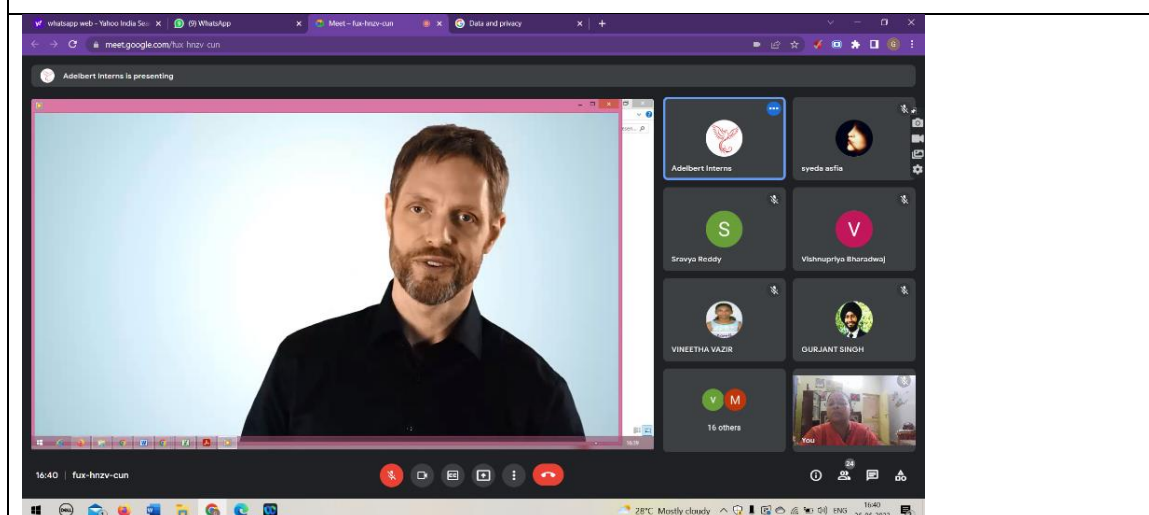
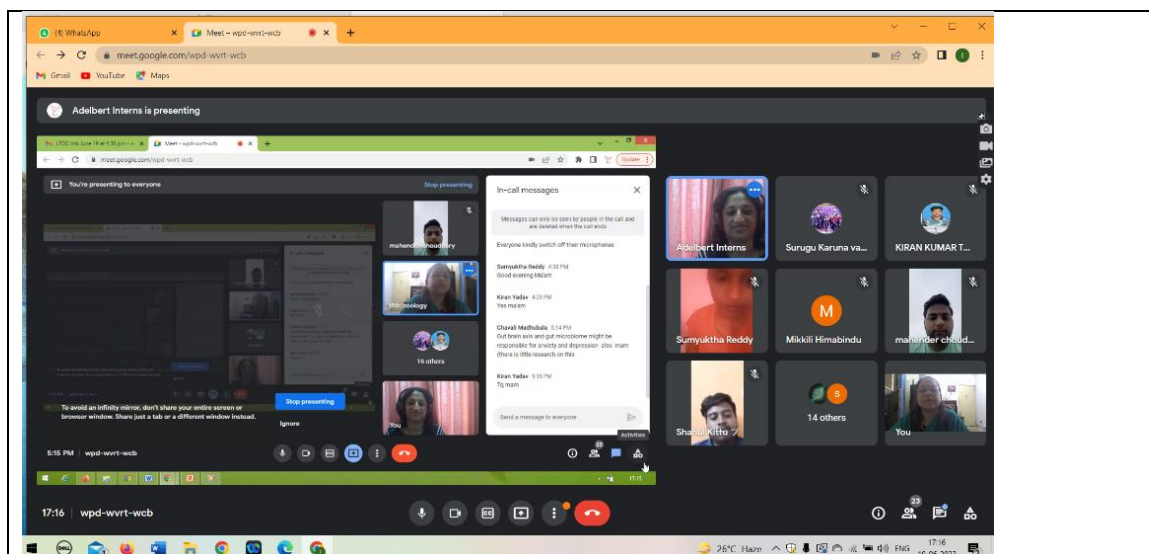


# Little Flower Degree College

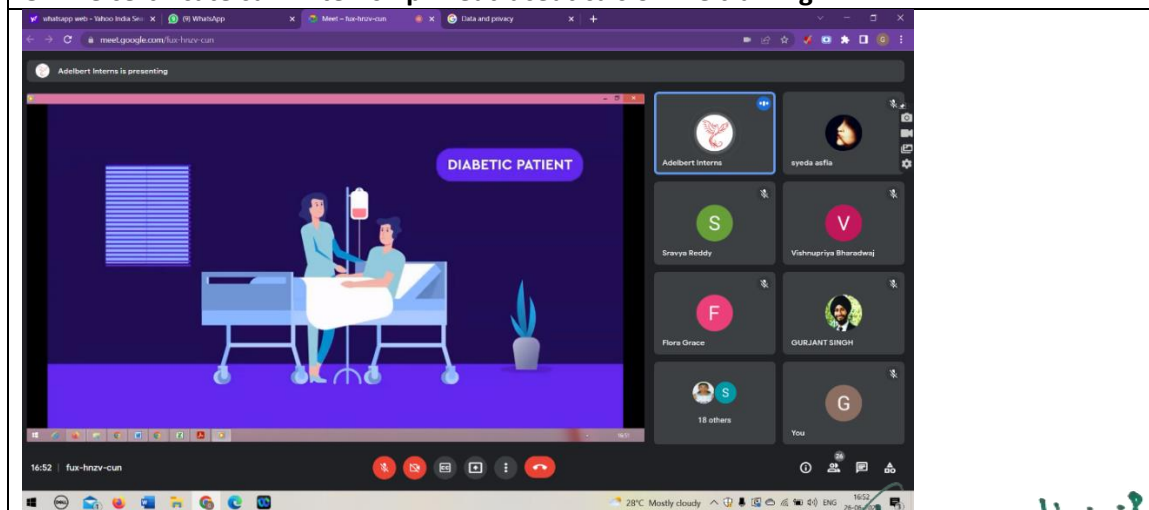
(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society



## Online certificate cum internship- Neutraceuticals online training



## Lab diagnosis – online workshop

*P. Jayanthi*  
**PRINCIPAL**

Little Flower Degree College  
Uppal, Medchal Dist-500039.  
College Code : 2010

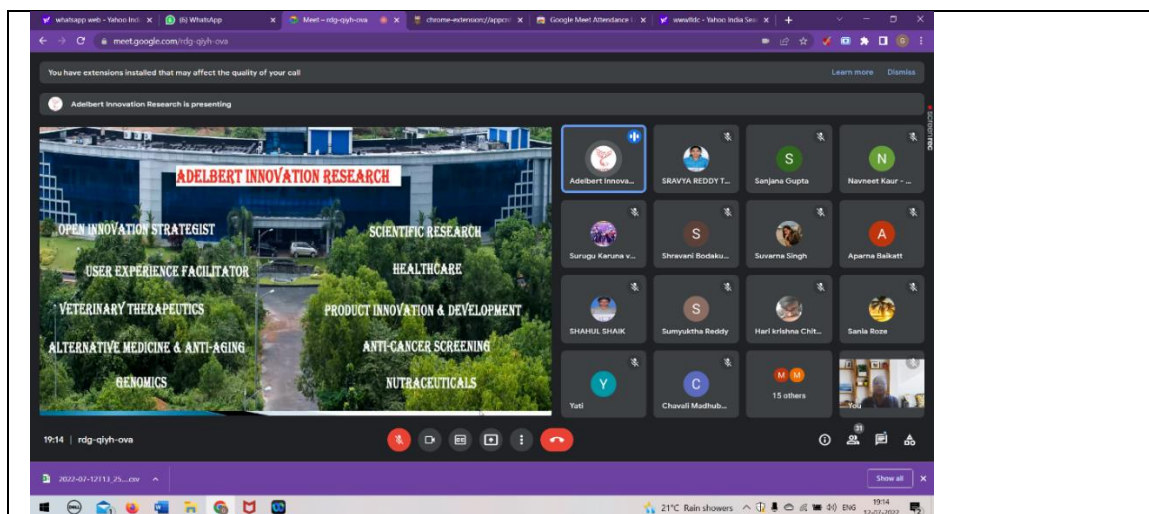


# Little Flower Degree College

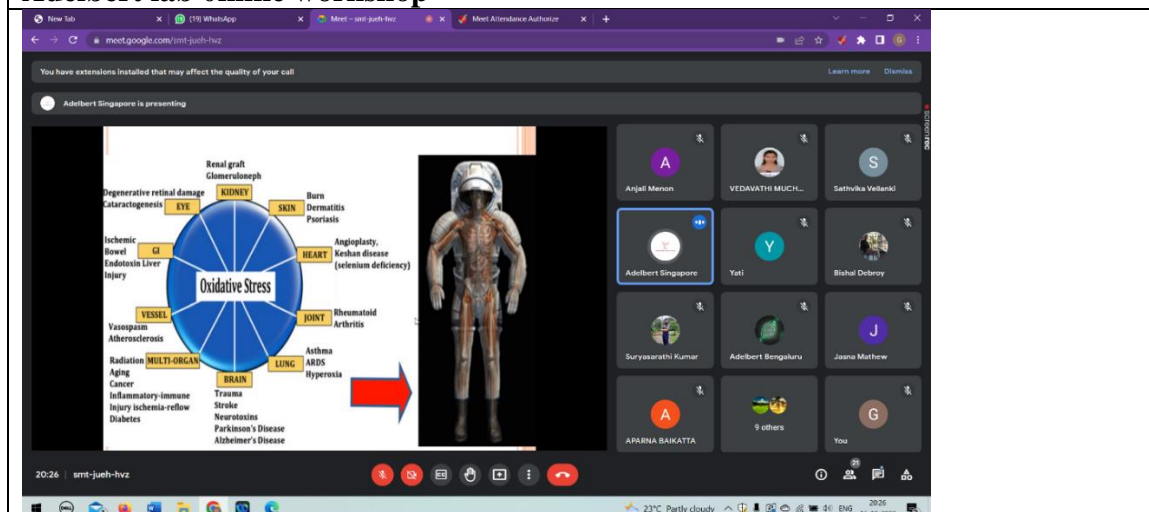
(Affiliated to Osmania University)

Uppal, Hyderabad

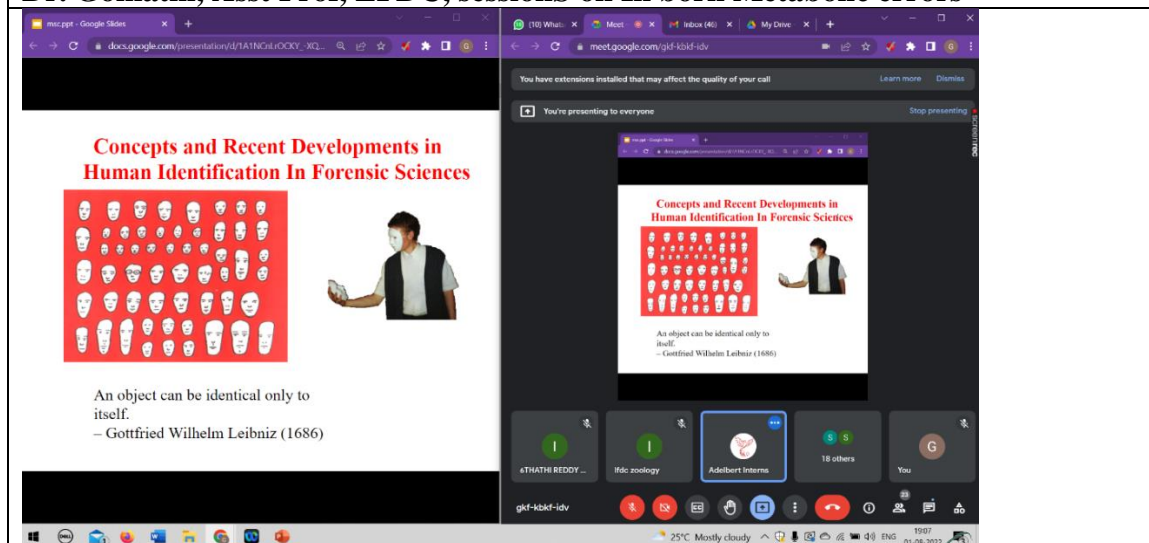
Managed by Brothers of St. Gabriel Educational Society



## Adelbert lab Online workshop



## Dr. Gomathi, Asst Prof, LFDC, sessionS on In born Metabolic errors



## Dr. Rajiv Giroti's, Director, CFSL - Lecture and training on DNA fingerprinting

**PRINCIPAL**  
Little Flower Degree College  
Uppal, Medchal Dist-500039.  
College Code : 2010





# Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

**Criminal Casework**  
Targeted sequencing of forensically relevant STR and SNP loci empowers generation of leads, even on cold cases. With NGS, crime laboratories can address hundreds of markers in a single test. This lets labs develop a more thorough, detailed profile from degraded, mixed, and limited DNA samples.

**Forensic DNA Databases**  
Millions of DNA profiles are curated in national DNA databases. NGS can help labs produce high-quality forensic DNA profiles more efficiently. Because this technology analyzes multiple marker sets simultaneously, rather than sequentially, there is a faster turnaround than for older methods such as CE and PCR.

**Forensic mtDNA Analysis**  
Because mtDNA is found in higher copy number per cell than nuclear DNA, it can survive environments where nuclear DNA does not, and can be a powerful tool for human identification. NGS provides deep coverage to extract genetic data from small forensic mtDNA samples.

**Session by Dr. Joseph Daniel, Asst. Prof, St. Joseph's College Trichy**

*P. Jayanthi*  
**PRINCIPAL**  
Little Flower Degree College  
Uppal, Medchal Dist-500039.  
College Code : 2010



# Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

WhatsApp web · Yahoo India Se... · (8) WhatsApp · Meet - bgs-tty-vxq

meet.google.com/bgs-tty-vxq

You have extensions installed that may affect the quality of your call. Learn more Dismiss

Adelbert Innovation Research is presenting

RECORDED AT TEDMED

19:50 | bgs-tty-vxq

26°C Mostly clear

19:50 25-09-2022

**People**

Save attendance

Search for people

In call

- Gomathi Kapali (You)
- Aanchal Gupta
- Adelbert Bengaluru Meeting host
- Adelbert Innovation Resear...
- Adelbert Innovation Resear... Presentation
- aja Manazhy
- ANJALI C
- Anjali Menon

Adelbert Innovat... sushma dwadasi

Sanjana Gupta Maddala Sindhuja

Garima Kushiwaha Hari krishna Chit...

24 others You

Videos

*Sanganthi*  
**PRINCIPAL**  
Little Flower Degree College  
Uppal, Medchal Dist-500039.  
College Code : 2010