

EVENT REPORT: Hands-on training on ‘Basic Techniques in Molecular Biology’

Organized by

Department of Biotechnology, Mount Carmel College, Autonomous, Bengaluru

In collaboration with

Legacy School, Bengaluru.

(23rd to 25th November, 2023)

The Department of Biotechnology, Mount Carmel College, Autonomous, Bengaluru, in collaboration with Legacy School, Bengaluru, organized a hands-on training workshop on the theme of ‘Basic Techniques in Molecular Biology’ between the 23rd and 25th of November, 2023. This workshop was collectively conceptualized by our Department along with the team of teachers from Legacy School. Spearheaded by the Head of our Department, Dr. Preetha Nair, the team of teachers from the Department of Biotechnology included Ms. Sandhya K.S., Ms. Thejaswi Bhandary and Ms. Saranya Jayaram. The team from Legacy School comprised of students from high school who were guided by the Head of the Department and Senior Chemistry teacher, Mr. Mahesh Kumar, along with the other teachers, Ms. Risha Chattopadhyay and Mr. Vinayak Bhaurao Shinde.

This workshop was designed to be a hands-on training module on few of the important and standard techniques in the field of molecular biology. Few of the pertinent topics addressed during this workshop were as follows: Thin Layer Chromatography (TLC), paper chromatography, bacterial genomic DNA isolation and Polymerase Chain Reaction (PCR). These techniques were planned and equally spread out during the course of this 3-day workshop in order to achieve a balance between the theoretical explanations and performance of all the techniques. Students were extremely inquisitive to learn these new techniques and they interacted with the teachers while performing the experiments. Their curious questions and doubts made these sessions very engaging and enriching.

In conclusion, this 3-day workshop was successfully conducted and all the students got a chance to perform the experiments hands-on, alongside guidance from the teachers of our department who were conducting each of the sessions. The concluding session also included a small talk by the Head of our Department, Dr. Preetha Nair, who interacted with the school students and spoke to them about various career and research perspectives in the field of Biology and Science. This inspirational talk marked the perfect conclusion to the enriching 3-day workshop that filled the students with curiosity to learn more!



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Foundress
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Department of Biotechnology, Mount Carmel College Autonomous,
Bengaluru

In Collaboration with

Legacy School, Bengaluru

Presents

Hands-on training on
'Basic techniques in Molecular Biology'



-A workshop for the students of
Legacy School, Bengaluru

**Let's
Grow
Together**
Join us for this interesting learning experience!



Trainers

Dr. Preetha Nair, *HOD,*

Associate Professor

Ms. Thejaswi Bhandary,

Assistant Professor

Ms. Sandhya K.S.,

Assistant Professor

Ms. Saranya Jayaram,

Assistant Professor



Schedule

23 November 2023 (Thursday);

12:30pm to 4:30pm

24 November 2023 (Friday);

2:00pm to 4:00pm

25 November 2023 (Saturday);

9:00am onwards

Event brochure



Group picture with the students and teachers of Legacy School, along with the HOD and teachers from the Department of Biotechnology, MCC, Bengaluru