

# Two-day hands-on workshop on Membrane Biochemistry



The postgraduate department of Biochemistry of St Aloysius college Mangalore organized a two-Day national level workshop on Membrane biochemistry (Under the DBT-BUILDER scheme) on the 10<sup>th</sup> and 11<sup>th</sup> of August 2023.

## Day 1

The event began with the inaugural function at the Robert Sequeira Hall of the LCRI block of the college where all the participants and faculty were welcomed with a Prayer song and a welcome speech. The participants included students from colleges such as KMC, St Agnes, PA college and UG section of St Aloysius college. The students of PG biochemistry also participated in this workshop

Dr Lyned Lasrado, Dr Cletus D'souza, Dr Remya Varadarajan were the main guests on the dais. The rest of the faculty staff Dr Ambarish CN, Dr Pallavi Baliga, and Dr Swarnalatha B.N were also present for the inaugural function.

After the inaugural, Mr Kalpesh Patel, Market development manager – centrifugation Beckman coulter life sciences India Pvt Ltd who was the guest speaker of the day explained the process of ultracentrifugation, its types and how it was different from other types of centrifuges.

In the next session, Dr Kalpesh along with Dr Cletus Gave a hands-on demonstration on how to use the Ultracentrifuge by using separation of LDL and HDL as an example. This concluded day one of the Workshop.

## **Day 2**

The second day began in the department Lab at 9:00 Am. Dr Kalpesh and Dr Cletus allowed the participants to carry out the ultracentrifugation. The participants were taught sample preparation and gradient making for ultra-centrifugation. They were also allowed to perform ultra centrifugations for different types of samples and perform confirmatory tests and visualization techniques to confirm separation.

The day ended with the valedictory ceremony where the participants shared their experience and were thanked by the staff for participating in the workshop. Feedback was taken and e certificates were distributed to all the participants.