STELLA MARIS COLLEGE (AUTONOMOUS)
DEPARTMENT OF BIOTECHNOLOGY

Webinar Report on Information and Communication Technology (ICT) in Biotechnology

13/05/2020

Information and Communication Technology (ICT) helps the teachers to interact with the students and also to access with institutions and Universities. It promotes learning by doing approach, enables self-paced learning and provides access to wide range of up-to-date learning materials. Hence a Webinar on "ICT in Biotechnology" is organized by the Department of Biotechnology on May 13, 2020.

About 42 participants are registered and attended the webinar. The webinar started at 2.00pm and has divided into four sessions.

Dr. Aruna Sharmili S., Assistant Professor, Department of Biotechnology, Stella Maris College (Autonomous) explained isolation of DNA in Bacteria, Fungi, plants and animals through power point presentation as first session. She also highlighted the principle and applications of agarose gel electrophoresis.

Dr. S. Jayashree, Assistant Professor, Department of Biotechnology, Stella Maris College (Autonomous) explained Polymerase Chain Reaction (PCR), its process, requirements, trouble shooting and its applications through powerpoint presentation and video created through OBS as second session.

In the third session, Dr. S.Jayashree delivered the introduction on Information and Communication technology and how the digital workplace enhances effectiveness of learning, significant motivational support and raise educational quality among the student and educators. She gave insights on synchronous mode, asynchronous mode, blended mode, different teaching, learning and evaluation online platform.

In the fourth session, Dr. S. Jayashree explained how to create a google classroom, upload content, active announcements to students, create Quiz and evaluation methods. She also taught the methods of slide recording and making a video content through MS Powerpoint. She also explained how to create a google form. She explained how to make online class interesting and capture student attention through creating quiz using Kahoot. At the end of the session, participants are actively involved in quiz through Kahoot.

Feedback from the participants was highly appreciable. They were very much satisfied with the session content and presentation by the facilitators. They also appreciated the organizers for arranging the lectures as it is the need of the hour and requested for a session on ICT tools.