

### DEPARTMENT OF BIOTECHNOLOGY

### **Session 2021-22**

# **Expert talk on "Molecular Diagnostic Techniques"**

Event: DBT-Star sponsored guest lecture

**Date and Duration**: 1st October 2021 (one day)

**Title**: Molecular Diagnostic Techniques

Resource person: Dr. Kuldeep Sharma, Scientist C, Microbiology, AIIMS, Raipur,

Chhattisgarh.

**Target group**: UG and PG students of Biotechnology

**Objective:** To impart knowledge about advanced molecular techniques.

Outcome: Students learned about various molecular techniques like blotting, PCR, sequencing

used in medical diagnostics.

#### **REPORT**

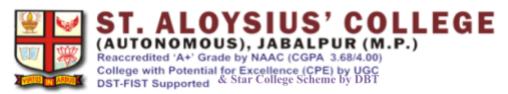
The Department of biotechnology organized an online expert talk on "Molecular Diagnostic Technique" on 1<sup>st</sup> oct 2021.

The distinguished speaker of the programme was Dr. Kuldeep Sharma, Scientist C, AIIMS, Raipur. He explained that molecular diagnostic techniques involve DNA or RNA hybridization and analyzing the sequences that can pinpoint the potential emergence of a specific disease. He also explained that molecular techniques have been widely used in surveillance, mutation and other genetic studies of pathogens. This technique also offers an effective solution for infectious disease diagnostics as they are fast, flexible and accurate.

About 35 students were present in the talk. The lecture was chaired by Principal Fr. Dr. G. Vazhan Arasu, St. Aloysius College, Jabalpur. The programme concluded with a vote of thanks by Dr. L. K Pandey, HOD, Department of Biotechnology. The programme was successfully



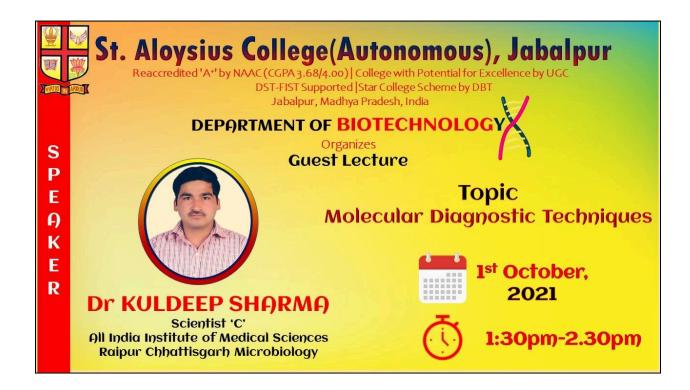
St. Aloysius College, 1, Ahilya Bai Marg, Pentinaka Chowk, Sadar, Cantt, Jabalpur, Madhaya Pradesh, INDIA 482001

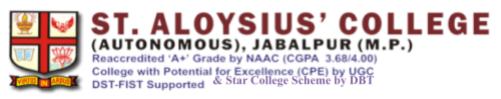


conducted by kind cooperation of faculty members Mr. Enosh Philips, Mr. Nitin Swamy, Dr. Lovely Mahawar and Dr. Rumana Faraz.

Department of Biotechnology
Aloysius (Autonomus) Coffege
Jabalpur (M. P.)

## **BROCHURE**





## Photographs of the event

