

Institution's Innovation Council



Ministry of Education's
INNOVATION CELL
(GOVERNMENT OF INDIA)

Title: Webinar on Point-of-Care Diagnostics & Biotech Startups

Date: 19.05.2025

Organizing Department: Department of Biochemistry & Institution Innovation Council (IIC),
SMVMCH

Coordinator: Dr. N. Augustiya, Assistant Professor.

Time: 2:00 - 4:00 PM

Objectives:

- To introduce the principles and applications of point-of-care (POC) diagnostics in clinical settings.
- To create awareness about the role of biotechnology startups in transforming healthcare delivery.
- To encourage innovation and entrepreneurial thinking among medical students.

Guest Speaker: Dr. Nivedha.J. N, Consultant Biochemist (SLMC, Coimbatore),
Startup Co-Founder, Biotech Innovations

Participant Details: MBBS students (first year) – **236**

Mode: Online

Platform Used: Google Meet

Programme Overview: Dr. Nivedha J.N delivered an insightful talk on the evolution and utility of point-of-care diagnostics, emphasizing their impact in remote, resource-limited, and emergency settings. She elaborated on how biotech startups are playing a pivotal role in democratizing diagnostic access and fostering patient-centric innovations. The speaker also shared examples of successful biotech ventures and highlighted the scope for students and researchers to engage in this emerging field. The session concluded with an interactive Q&A where participants enthusiastically posed questions related to startup challenges, funding.

Outcomes:

- Enhanced understanding of POC diagnostics and their practical applications.
- Inspiration for students to think innovatively and explore interdisciplinary research.

Conclusion: This Level 1 IIC Self-Driven Activity marks a step towards integrating innovation and entrepreneurship into medical education.



