

SRI VENKATESWARA COLLEGE OF ENGINEERING

(An Autonomous Institution – Affiliated to Anna University, Chennai) Sriperumbudur Tk - 602 117, Tamil Nadu



Department of Biotechnology

BioAcademy





Solicit your esteemed presence for an Guest Lecture on

"Point of Care/Need for Infectious Diseases and its Impact on Global Health"



Mr. Siril Arockiam PhD Scholar **Arizona State University**

Arizona, USA

ALL ARE CORDIALLY INVITED

Venue: Google Meet (https://meet.google.com/uic-phww-zdt)

: 17th November 2023 (Friday)

Time: 10:00 to 11:00 AM (IST)

Conveners

Prof. M. Sivanandham Secretary, SVEHT

Prof. E. Nakkeeran HOD-BIO

Organizing Secretary

Mr. N. Sathish. AP-BIO

Coordinators

Dr. J. G. Aswin Jeno

AP-BIO

Mr. S. Naga Vignesh

AP-BIO

(An Autonomous Institution – Affiliated to Anna University, Chennai) Sriperumbudur Tk – 602 117, Tamil Nadu

Report of the Guest Lecture on

"Point of Care/Need for Infectious

Diseases and its Impact on Global Health"

on

17th November 2023

A Guest Lecture on "Point of Care/Need for Infectious diseases and its Impact on Global Health" was organized by Department of Biotechnology, Sri Venkateswara College of Engineering, Sriperumbudur on 17th October 2023 (10.00 to 11.00 AM IST) through virtual mode. The Guest Lecture was conducted by Mr. N. Sathish, Assistant Professor as organizing Secretary, Mr.S.Nagavignesh and Dr.Aswin jeno JG Biotechnology as coordinators with Prof. E. Nakkeeran, Head of the Department, Biotechnology and Prof. M. Sivanandham, Secretary, SVEHT as Convener.

The session was started with a welcome address by Prof. E. Nakkeeran, introduction of the Guest was done by Mr.Aadhan GA, Executive member of students biotech forum. Participants including UG, PG students and the faculty members from SVCE attended the event with a total of 65. Mr.Siril Arockiam briefed on himself, point of care testing with where it can be used, different point of care technologies, lateral flow assay, its role in cervical cancer diagnosis and treatment. He also explained on how HPV diagnosis, point of care nucleic acid test, different methods of DNA, RNA extraction and compared it with traditional nucleic acid extraction, qPCR vs isothermal amplification, POC device with process flow chart, impact of POC of infectious disease management etc. Secretary interacted with the speaker and had his discussion on the topic. Students got their doubts clarified on role of point of care in infectious disease control. Vote of thanks was done by Mr.Aadhan GA, executive member of students biotech forum.

Guest speaker conveyed his thanks and students thanked the speaker, organizers and the management of SVCE for organizing this event.



(An Autonomous Institution – Affiliated to Anna University, Chennai) Sriperumbudur Tk – 602 117, Tamil Nadu

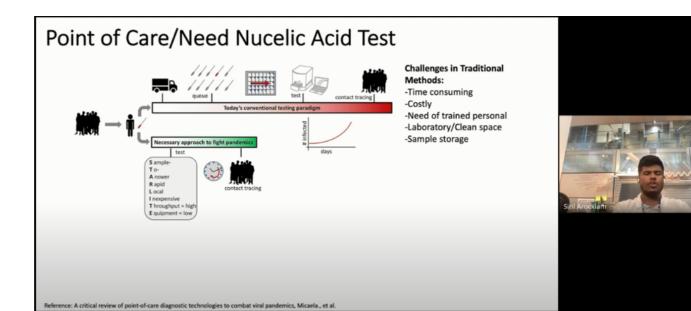
Department of Biotechnology

Photos of the Guest Lecture on "Polymeric Drug Delivery" on 26th October 2023

POCT: WHO ASSURED criteria.

Α	Affordable	low cost for end users
S	Sensitive	avoids false negatives
s	Specific	avoids false positives
U	User friendly	simple to perform
R	Rapid/robust	sample collection and results in same visit/long shelf life
E	Equipment-free	battery-powered, compact
)	Deliverable	portable, hand-held







(An Autonomous Institution – Affiliated to Anna University, Chennai) Sriperumbudur Tk – 602 117, Tamil Nadu

POCT: WHO ASSURED criteria.

Α	Affordable	low cost for end users
S	Sensitive	avoids false negatives
s	Specific	avoids false positives
U	User friendly	simple to perform
R	Rapid/robust	sample collection and results in same visit/long shelf life
E	Equipment-free	battery-powered, compact
D	Deliverable	portable, hand-held



Prepared by

Mr. N. Sathish, AP/BIO

Approved by

Prof. E. Nakkeeran, HOD, BIO

Prof. E. NAKKEERAN, M. Tech., Ph.D.
Professor & Head
Department of Biotechnology
Sri Venkateswara College of Engineering
Sriperumbudur Tk - 602 117, Tamilnadu, INDIA