



SRI VENKATESWARA COLLEGE OF ENGINEERING

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



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

Department of Biotechnology

&

BioAcademy



SVCE IQAC
Consciousness for Quality

Solicit your esteemed presence for an **Guest Lecture** on

“Lipid Nanoparticles - New Champion for Nucleic Acid Delivery”

by



Dr. Subhadeep Dutta
Scientist - I
SalioGen Therapeutics
Massachusetts, USA

ALL ARE CORDIALLY INVITED

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

Date : **26th October 2023 (Thursday)**

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

Mr. S. Naga Vignesh
AP-BIO

Dr. J.G. Aswin Jeno
AP-BIO





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Report of the Guest Lecture on

"Polymeric Drug Delivery"

on

26th October 2023

A Guest Lecture on "Polymeric Drug Delivery" was organized by Department of Biotechnology, Sri Venkateswara College of Engineering, Sriperumbudur on 26th October 2023 (10.00 to 11.00 AM IST) through virtual mode. The Guest Lecture was conducted by Mr. N. Sathish, Assistant Professor, Biotechnology as organizing Secretary 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 Ms. Abineha A, Executive member of students biotech forum. Participants including UG, PG students and the faculty members from SVCE attended the event with a total of 62. Dr. Subhadeep Dutta introduced himself, pharma as a career to the students, explained on polymeric design approaches towards delivery of drugs. He also explained on how to generate different lipid based nanoparticles, structural classification of lipid nano particles, preparation of lipid with nucleic acid, analytics of lipid nano particles, uptake mechanism of lipid nanoparticles, therapeutic mRNA delivery with lipid nanoparticle, physical factors affecting long term storage stability of nanoparticles etc. Students got their doubts clarified on basics of what polymers can be used to deliver drug? and on drug design. Vote of thanks was done by Ms. Abineha M, executive member of students biotech forum.

The session was concluded with thanks by Prof. E. Nakkeeran, Head of the Department and Mr. N. Sathish, Assistant Professor, Biotechnology. Guest speaker conveyed his thanks and students thanked the speaker, organizers and the management of SVCE for organizing this event.



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





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