



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

“**Mathematical Modeling and Wet Lab Experiments**”

by



Dr. Harish Venkatachalapathy

Postdoctoral Associate

University of Minnesota

Medial School, Minnesota, USA

ALL ARE CORDIALLY INVITED

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

Date : 29th January 2024 (Monday)

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





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Report of the Guest Lecture on

"Mathematical Modeling and Wet Lab Experiments"

on

29th January 2024

A Guest Lecture on "Mathematical Modeling and Wet Lab Experiments" was organized by Department of Biotechnology, Sri Venkateswara College of Engineering, Sriperumbudur on 29th January 2024 (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 the organizing secretary, introduction of the Guest, Dr. Harish Venkatachalapathy, Postdoctoral Associate, University of Minnesota Medical School, Minnesota, USA was done by Mr. Yashwanth Kumar, joint secretary of students biotech forum. Participants including UG, PG students and the faculty members from SVCE attended the event with a total of 60. Dr. Harish Venkatachalapathy introduced about himself on his schooling, UG and PhD degree. He briefed on P53 stimuli, quantitative modelling of cell behavior, origins of biological noise, strategies for coherence in cellular responses, mathematical modelling to predict p53 entrainment, p53 synchronicity, p21 cell cycle inhibitor, p53 pulse changes in mRNA targets qRT-PCR to the participants of the lecture. Vote of thanks was done by Ms. Keerthanaa SG, executive member of students biotech forum.

The session was concluded with thanks by 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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Kancheepuram, Tamil Nadu, India
Block-3, SVCE COLLEGE, Tamil Nadu 602105, India
Lat N 12° 59' 15.2268"
Long E 79° 58' 17.3748"
Monday, 29th January 2024 10:15 AM

Prepared by

N. Sathish

Mr. N. Sathish, AP/BIO

Approved by

E. Nakkeeran

Prof. E. Nakkeeran, HOD, BIO

Prof. E. NAKKEERAN, M. Tech., Ph.D.
Professor & Head
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