



# 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 a Guest Lecture  
*on*

## “Metabolomics and its application in the Biomarker Discovery of Chronic Diseases”

*by*



**Dr Sreelakshmi Sankara Narayanan**  
Postdoctoral Fellow  
School of Biosciences  
Taylor's University  
Malaysia

**ALL ARE CORDIALLY INVITED**

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

Date : **27<sup>th</sup> August 2022 (Saturday)**

Time : **11:30 AM to 12:30 PM (IST)**

**Convener**

Prof. M. Sivanandham  
Secretary, SVEHT

**Organizing Secretary**

Prof. E. Nakkeeran  
HOD-BIO

**Coordinators**

Dr. K. Ganesh Prasath, AP-BIO  
Dr. K. Vasantharaj, AP-BIO





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

## Department of Biotechnology

### Report of the Guest Lecture on "Metabolomics and its application in the Biomarker Discovery of Chronic Diseases "

27<sup>th</sup> August 2022

A guest lecture on " **Metabolomics and its application in the Biomarker Discovery of Chronic Diseases**" was organized by Department of Biotechnology, Sri Venkateswara College of Engineering, Sriperumbudur on 27<sup>th</sup> August 2022 (11.00 AM to 12.45 PM IST) through Virtual mode. The guest lecture was conducted by Dr. K. Ganesh Prasath, Assistant Professor, Biotechnology and Dr. K. Vasantharaj, Assistant Professor, Biotechnology with Prof. E. Nakkeeran, Head of the Department, Biotechnology as Organizing Secretary and Prof. M. Sivanandham, Secretary, SVEHT as Convener.

The session was started with a welcome address by Prof. E. Nakkeeran and Ms. Ragini Vidhyashankar, III Year, B. Tech Biotechnology, introduced the guest speaker **Dr. Sreelakshmi Sankara Narayanan, Postdoctoral Fellow, School of Biosciences, Taylor's University, Malaysia**. The main objective of the Guest Lecture was to provide the importance of metabolomics on the biomarker discovery of non-communicable diseases (NCD).

Participants including UG, PG students and the faculty members from SVCE attended the event with a total of 46. Dr. Sreelakshmi Sankara Narayanan discussed the analysis of metabolites through top-down and bottom-up approach. The discussion also included the mode of sample preparation and implementation of mass spectrometry analysis of metabolites. The lecture was followed by an interactive session and the guest speaker addressed the questions raised by the participants.

The session was concluded with a vote of thanks delivered by Ms. K. Madhumitha. The Guest speaker, Dr. Sreelakshmi Sankara Narayanan thanked the organizers and the management of SVCE for organizing this event.

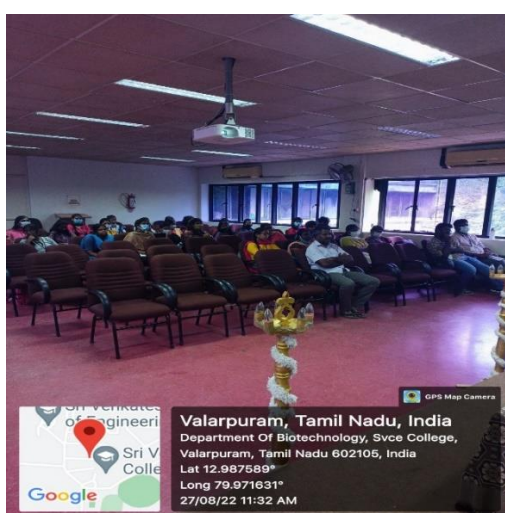
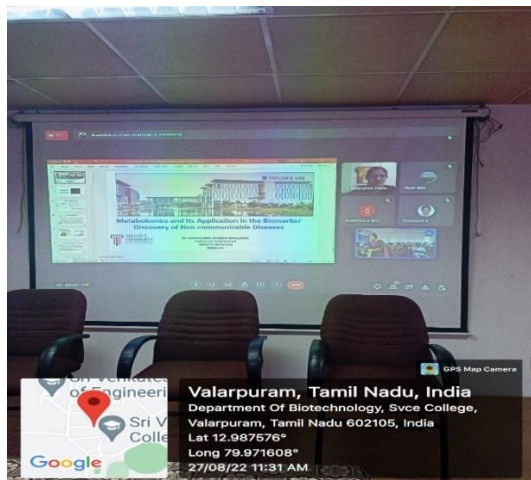


(An Autonomous Institution – Affiliated to Anna University, Chennai)  
Sriperumbudur Tk – 602 117, Tamil Nadu

## Department of Biotechnology

Snapshots of the Guest Lecture on "Metabolomics and its application in the Biomarker  
Discovery of Chronic Diseases "

27<sup>th</sup> August 2022



Prepared by

Dr. K. Ganesh Prasath, 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