



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 a Guest Lecture

on

“Engineered Nanomaterials for Biomedical Applications”

by



Jagathesh Chandra Bose Rajendran
Postdoctoral Researcher
Biomedical and Translational Medicine
Masonic Medical Research Institute
United States

ALL ARE CORDIALLY INVITED

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

Date : **24th September 2022 (Saturday)**

Time : **03:00 to 04:00 PM (IST)**

Conveners

Prof. M. Sivanandham
Secretary, SVEHT
Prof. E. Nakkeeran
HOD-BIO

Organizing Secretary

Dr. K. Vasantharaj
AP-BIO

Coordinator

Dr. K. Ganesh Prasath
AP-BIO





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Report of the Guest Lecture on "Engineered Nanomaterials for Biomedical Applications" 24th September 2022

A guest lecture on "**Engineered Nanomaterials for Biomedical Applications**" was organized by Department of Biotechnology, Sri Venkateswara College of Engineering, Sriperumbudur on 24th September 2022 (03.00 to 04.30 PM IST) through Virtual mode. The guest lecture was conducted by Dr. K. Ganesh Prasath, Assistant Professor, Biotechnology with Dr. K. Vasantharaj, Assistant Professor, Department of Biotechnology as Organizing Secretary and Prof. M. Sivanandham, Secretary, SVEHT and Prof. E. Nakkeeran, Head of the Department, Biotechnology as Convener.

The session was started with a welcome address by Ms. B. Harini and Mr. S. Sakthivel, III Year, B. Tech Biotechnology, was introduced the guest speaker **Dr. Jagathesh Chandra Bose Rajendran, Postdoctoral Researcher, Biomedical and Translational Medicine, Masonic Medical Research Institute, United States**. The main objective of the Guest Lecture was to provide the impact of lipid-based nanoparticles and ionizable lipids revolutionize as gene delivery carriers.

Participants including UG, PG students and the faculty members from SVCE attended the event with a total of 95. Dr. Jagathesh Chandra Bose Rajendran discussed the importance of tumor cell-derived extracellular vesicular coated nanocarrier and its efficacy for cancer-specific delivery of anti-miR21 and imaging agents. The discussion was also included the impact of spleen targeted nanomaterials. 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. Jagathesh Chandra Bose Rajendran thanked the organizers and the management of SVCE for organizing this event.



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Snapshots of the Guest Lecture on "Engineered Nanomaterials for Biomedical Applications"

24th September 2022

Prepared by

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Approved by

Prof. E. Nakkeeran, HOD, BIO

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