



DEPARTMENT OF PHARMACEUTICAL ENGINEERING REPORT INVITED TALK

AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

Cordially invites you all for the

Session on
MoS2 based self-propelled soft nanorobots for biomedical applications

📅 28.3.2024 ⌚ 11.00 a.m 📍 Digital Classroom

Resource Person
Dr. Anandhakumar Sundaramurthy
Associate Professor, Department of Chemical Engineering,
SRM Institute of Science and Technology, Kattankulathur

VINAYAKA MISSION'S RESEARCH FOUNDATION
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Organized by : Department of Pharmaceutical Engineering

The Department of Pharmaceutical Engineering hosted a conference with the theme “**MOS2 BASED SELF-PROPELLED SOFT NANOROBOTS FOR BIOMEDICAL APPLICATIONS**” on 28/3/24. The purpose of the talk is to increase students' understanding

of the manner in which self-nanorobots are assembled in the lab for biomedical and diagnostic applications in the field of nanomedicine. Dr. B. Prabasheela, Prof & Head, Department of Pharmaceutical Engineering welcomed the chief guest Dr. Anandha Kumar, Associate Professor, SRM Institute of Science and Technology, Chennai. The chief guest of the seminar was introduced by Ms. Rubasri and Mr. Aasyush Raj, the student coordinators from the Pharmaceutical Engineering department. The speaker discussed his research on the development of MoS₂-based nanorobots, their cytotoxicity and cellular uptake, and the use of magnetic fields to help direct the distribution of nanorobots in vivo. Students left the session with research ideas for creating an efficient drug delivery system that uses nanotechnology to diagnose and treat diseases. The floor was then open for discussion and the queries were answered by the guest speaker. The program ended with the vote of thanks by Dr Rajasegaran, Assistant Professor-G II, Department of Pharmaceutical Engineering



**Welcome & Honoring by Dr B Prabasheela, Professor and Head,
Department of Pharmaceutical Engineering**



Presentation - Dr Anandha Kumar, Associate Professor, Department of Chemical Engineering, SRM Institute of Science and Technology.



**Vote of thanks - Dr Rajasegaran E, Assistant Professor (GII),
Department of Pharmaceutical Engineering.**



Group photo