

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

KANURU, VIJAYAWADA

DEPARTMENT OF FRESHMAN ENGINEERING

CIRCULAR

Date: 15-12-25

A program WINGS (Wholesome Integration Nurturing Good Students) is initiated for all the I B. Tech. students to guide them to the pathway of success in different domains. As a part of Talk series-6, a Guest Lecture on “**Role of AI, NanoTechnology and Robotics in Health Care**” was organized to all the I B.Tech. students to understand how Artificial Intelligence, Nanotechnology and Robotics improve healthcare by enabling accurate diagnosis, targeted treatments, minimally invasive surgeries, faster recovery and better patient care.

Topic: “Role of AI, NanoTechnology and Robotics in Health Care”

Resource Person: Dr. Murali Krishna. Cherukuri

Head Biophysics Department, NIH, Bethesda, MD, USA

Date: 16-12-25

Venue: Auditorium

Time: 10:00AM – 12:00NOON

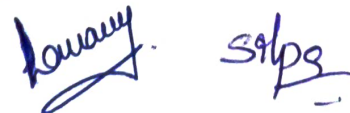
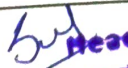


(Dr. M. SriLakshmi)

Freshman Engineering Department
PVP Siddhartha Institute of Technology
Kanuru, VIJAYAWADA-520 007

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY
DEPARTMENT OF FRESHMAN ENGINEERING
SUMMARY REPORT ON EVENT ORGANIZED

ACADEMIC YEAR : 2025-2026

of Event organized & Time	16-12-25 (10:00 AM)
of the Program	WINGS (Talk series-6)
of the Program	A Guest lecture on "Role of AI, NanoTechnology and Robotics in Health Care"
ource person	Dr. Murali Krishna. Cherukuri Head Biophysics Department, NIH, Bethesda, MD, USA
Report on the Event	As a part of the WINGS (Wholesome Integration Nurturing Good Students) program, a guest lecture was conducted for the I B.Tech. students to gain knowledge on how Artificial Intelligence, Nanotechnology, and Robotics are transforming the healthcare sector. Dr. Murali Krishna. Cherukuri highlighted AI's superior tumor detection in scans (over 95% accuracy, faster than radiologists), nanotechnology's targeted cancer drug delivery to minimize side effects, and robotics like the da Vinci system for precise, minimally invasive surgeries that reduce recovery by up to 50%. He clearly explained the practical applications that drive accurate diagnosis, targeted treatments, minimally invasive surgeries, faster recovery times and enhanced patient care.
r/Semester	I YEAR / I SEM
of the participants	All I B. Tech. students.
olidated Feedback	Good
uggestions if any	---
ie of the Co-ordinators	Dr. P. Lakshmi Lavanya, Asst. Prof., FED Dr.M.Silpa, Asst. Prof., FED
nature of the Co-ordinators	
nature of the HOD	 Head

Freshman Engineering Department
PVP Siddhartha Institute of Technology
Kanuru, VIJAYAWADA-520 001



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Kanuru, Andhra Pradesh, India

Pvpsit Canteen, Road No. 3, Chalasani Nagar, Kanuru, Andhra Pradesh 520007, India

Lat 16.487855° Long 80.693573°

Tuesday, 16/12/2025 10:13 AM GMT +05:30



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Pvpsit Canteen, Road No. 3, Chalasani Nagar, Kanuru, Andhra Pradesh 520007, India

Lat 16.487863° Long 80.693546°

Tuesday, 16/12/2025 10:11 AM GMT +05:30