**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**
**OIL TECHNOLOGICAL AND PHARMACEUTICAL RESEARCH INSTITUTE**
**(Accredited by NAAC with "A" Grade)**
**ANANTHAPURAMU-515001**

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**Report on Expert Talk on ''Alternative Career Opportunities for Pharmacy Students"**

**Speaker** : Prof.Venkat Ikkurthy (IVLN Sarma)
403N, Lafayette Road, Metuchan, NJ- 08840 USA
**Designation:** Statistician/Statistical Programmer/Data Scientist, USA: 403N, Lafayette Road, Metuchan, NJ-08840

**Presented by: Prof.** Venkat Ikkurthy (IVLN Sarma)
**Date & Time**: 09-07-205 A.N
**Venue:** Seminar Hall: OTPRI
**Target audience:** B.Pharm., M.Pharm & PharmD students
**Organized by:** JNTUA-OTPRI, Anantapur.
Dr. Venkat Ikkurthy, Statistician/Statistical Programmer has visited the campus and would like to express for interaction with students and tell about importance of SAS. Accordingly a session was organized with UG and PG Pharmacy students in the campus on 09.07.2025 A.N. Nearly 120 students and staff were attended for the session.

The session was chaired and inaugural address was given by Prof. G.V. SubbaReddy, Director, JNTUA OTPRI moderated by Dr. C. Gopinath, Principal.

- The speaker Dr. Venkat Ikkurthy has vividly explained the concepts of Clinical Data Management and how enormous data sets were organized into customizabledata analysis during session the speaker enlighten the importance of Statistical Programming in Clinical Trials and Drug Development to transforming massive datasets into actionable insights and how this enables end-to-end Clinical Data Services to support clinical trials at every stage.

- He has explained about diverse Statistical Programming tools to analyze clinical trial data and produce regulatory-compliant datasets, tables, listings, and figures (TLFs) to ensure seamless submission to Drug regulatory authorities.

- Introduced the aspects of SAS programming modules like Base and SAS Programme certification

- Dr. Venkat Ikkurthy explained the role of Biostatistics to design clinical trials, perform statistical analyses, and interpret resultsto support informed decisions and regulatory submissions. Further he added importance and how real time Clinical Data Management (CDM) is done and how efficient data capture, cleaning, and validation to ensure accuracy and compliance with regulatory standards.

- In his presentation, he has elaborated on protocols for Clinical Data Integration of diverse clinical data sources into a single, standardized format, allowing for consistent analysis and reporting. Also briefed about Clinical Trial Performance Metrics

- The session concluded with the Questionnaire and answers. All the participants interacted dynamically with the resource person.

- He has offered assistance of free online tutorial for couple of promising students.

The session was ended with vote of thanks followed by National Anthem.

Sd/-
DIRECTOR
(Prof.G.V.SUBBA REDDY)