

## Neotech Campus – Event report

Name of Institute: Neotech Institute of Physiotherapy

NC/ NIP/Event report/2024-25/015

Date: 21/04/2025

### 1. Title of the Event:

Hands on workshop on data analysis

### 2. Organized by:

Neotech Institute of Physiotherapy

### 3. Date & Venue:

18-04-2025, NIP CLASSROOM

### 4. Objective:

To enhance the research skills of students by providing practical exposure to data analysis techniques relevant to physiotherapy and healthcare research.

To introduce the fundamental concepts of data analysis and its significance in physiotherapy research.

To provide hands-on training on statistical tools and software commonly used for data interpretation.

### 5. Resource Person(s):

Dr. Kedar Maheta, Associate Professor, GMERS, Vadodara

### 6. Number of Participants:

Number of Student	28
Number of Faculty	00
Number of external participants (if any)	00

### 7. Program Schedule:

Time	Session Details
2:00 PM	Introduction
5:00 AM	Statistical analysis

### 8. Key Highlights:

- Expert-led sessions covering the basics to advanced concepts of data analysis in the healthcare and physiotherapy domain.
- Hands-on Training: Participants engaged in real-time data analysis using statistical software such as SPSS, MS Excel,

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- Practical Applications: Emphasis on interpreting clinical and research data to promote evidence-based physiotherapy practices.

### 9. Outcomes of the Event:

Enhanced Research Skills, Improved Data Handling, Analytical Thinking, Confidence in Software Use, Collaborative Learning, Application to Projects

### 10. Feedback Summary:

Overall Experience: Participants rated the workshop highly for its informative content, interactive delivery, and practical relevance to physiotherapy research.

Hands-on Practice: The hands-on training sessions were particularly appreciated, as they provided real-time experience with data sets and statistical tools.

### 11. Conclusion & Acknowledgment:

The hands-on workshop on data analysis proved to be a valuable learning experience for all participants. It successfully bridged the gap between theoretical knowledge and practical application, empowering students with essential skills in data handling and interpretation. The workshop emphasized the importance of data-driven decision-making in physiotherapy and laid a strong foundation for future research initiatives. The active participation and enthusiasm of attendees reflected the growing interest in integrating analytical tools into clinical and academic practice.

We extend our heartfelt gratitude to the management of Neotech Institute of Physiotherapy for their continuous support and encouragement in organizing such academic events.

Special thanks to our resource persons for their insightful sessions and expert guidance throughout the workshop. We also thank the organizing committee, faculty coordinators, technical team, and student volunteers for their dedication and efforts in ensuring the smooth execution of the event. Lastly, we appreciate all the participants for their active involvement and positive feedback, which made this workshop a great success.

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### 12. Supporting Documents:



Submitted by:

Dr. Divya Patil, Assistant Professor

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**VADODARA**