



RIMT University was established by the Govt. of Punjab
as per Punjab Act No. 31 of 2015 & under section 2(f) of the UGC and NAAC accredited.

RIMT UNIVERSITY

Doctoral Research Center (DRC)

IS ORGANIZING

5TH NATIONAL WORKSHOP

on SPSS

June 02 - 06, 2025

10:00 AM to 4:30 PM

(HYBRID MODE)

RIMT UNIVERSITY
Mandi Gobindgarh, (Punjab)



5TH NATIONAL WORKSHOP

ABOUT THE DEPARTMENT

Doctoral Research Centre (DRC) came into existence as a separate entity in the year 2016. The department boasts of expert faculty and excellent infrastructure for teaching and research activities at Ph.D. levels. Based on its high-quality teaching and research, the department has been getting financial support for its growth under ICSSR for conducting Two-Week Capacity Building Programme (CBP) on research Methodology on 17-27, May, 2025.

Building on a successful track record that includes national-level workshops such as the 5th Workshop on Research Methodology (February 10-12, 2024), the 4th Workshop on Research Methodology (September 12-17, 2022), the 3rd Workshop on SPSS (April 13-18, 2022), and the 2nd Workshop on Data Analysis through SPSS (November 30, 2018), the department continues its initiatives by offering a Five-Day Hybrid Workshop in SPSS.

ABOUT THE WORKSHOP

Data analysis and interpretation is an important step in research process. The data should be subjected to statistical tests of significance to determine with what validity data can be said to indicate any conclusion. Clearly the science of statistics cannot be ignored by any researcher, even though he may not have an occasion to use statistical methods in all their details and ramification.

OBJECTIVES OF THE WORKSHOP

The Participants will be able to

- Select appropriate research methods for conducting empirical research
- Select statistical tools for data analysis
- Construct and standardize research tools
- Enhance their analytical skills

CONTENTS OF THE WORKSHOP

- Overview of Research Parametric and non-parametric statistics
- Literature review
- Experimental design including data design
- Research Tools
- Sampling and data collection
- Factor analysis and Regression
- Qualitative research and action research



5TH NATIONAL WORKSHOP

WHO CAN ATTEND

This workshop will be helpful to

- Research Scholars
- Students
- Faculty members of various disciplines
- Industry experts and Administrators

ABOUT RESOURCE PERSONS

Senior and experienced faculty members from Govt/Non-Govt. universities/organizations and Industry will conduct the workshop.

PARTICIPATION FEE

- Limited Seats 50 (First come - First serve basis).
- Interested candidates can submit a duly filled registration form on or before **May 26, 2025 till 12.00 AM (midnight)**.
- Brochure can also be downloaded from the University website, <https://rimt.ac.in/events/spss-2025/>
- The candidates are required to fill the registration form through online QR code or link <https://bit.ly/43eJwKe>.



Scan for Registration
and Accommodation

- Academic/Corporate member: INR 800/-*
- Research Scholar: INR 500 /- (RIMT University Research Scholars : : INR 300 /-)
- PG Student: INR 500/-*

* The Faculty Members and PG students of the RIMT University will get a concession of INR 200/- on the registration Fee.

MODE OF EXECUTION

The programme will be conducted in Hybrid mode.

Certificate of participation will be issued to the participants who attend the whole program and qualify the test at the end of the program.

PATRON

Dr. Vijayant Bansal (Hon'ble Chancellor)
Ms. Saloni Bansal (Hon'ble Pro-Chancellor)
Dr. Bhupinder Singh Brar (Hon'ble Vice Chancellor)

WORKSHOP CHAIR

Dr. B.S Bhatia (Hon'ble Pro-Chancellor)

ADVISORY COMMITTEE

Er. Rakesh Mohan, Registrar
Dr. Jibanananda Mishra, Dean, Academic Affairs
Dr. Satish Saini, Dean, School of Engineering and Director IQAC
Dr. Rajiv Kumar, Dean, School of Computing
Dr. Parminder Nain, Dean, School of Pharmaceutical Sciences
Dr. Satish Kumar, Dean School of Education.

WORKSHOP CONVENER

Dr. Dimple Sharma, Head, Doctoral Research Center (DRC)
Contact: 9814841221

ORGANIZING COMMITTEE

Dr. Jyoti Angrish, HoD, RIMT School of Legal Studies, Contact: 9855172321
Dr. Raj Kumar, Associate Professor, School of Computing, Contact: 7652931719
Ms. Neha Soni, Assistant Professor, Department of Computer Sciences, Contact: 9888032207
Dr. Bhagya Shree Gupta, Office of the DRC, Contact: 8360957956
Mr. Yogesh Sharma, Office of the DRC, Contact: 8146806969

TREASURER

Mr. Amit Mohan, HoD, Department of English, Contact: 9780193778



Opposite Floating Restaurant, Sirhind Side
Mandi Gobindgarh, Punjab (147301)



For more information please contact :

Ms. Neha Soni (9888032207)

Dr. Bhagya Shree Gupta (8360957956)

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PROGRAMME SCHEDULE FOR

5th NATIONAL WORKSHOP ON SPSS

(June 2-6, 2025)

INAUGURAL SESSION

Venue: Drone Hall, Admin Block

Dated: 2-6-2025

Inaugural Session (Venue: Drone, Admin Block)	
10:30 – 11:00 AM	Welcome address by Dr. Dimple Sharma, Course Coordinator and Head, Doctoral Research Centre (DRC), RIMT Univ.
11:00 -11:30 AM	Introductory note by Dr. B.S Bhatia, Pro-Chancellor, RIMT Univ..

Day 1 (02-06-2025) (Monday) 11: 45 AM. to 4:30 PM (Online)	Resource Person: Dr. Nitin Thapar and Md. Ashrif Alam
Theory & Practical 11:30-1:00 PM	<ul style="list-style-type: none"> - Measures of Central Tendency - Measures of Dispersion
Theory & Practical 2:00-3:30PM	<ul style="list-style-type: none"> - Skewness - Kurtosis - Introduction to Hypothesis Testing - Parametric and Non-Parametric tests - Skewness - Kurtosis - Introduction to Hypothesis Testing
Day 2 (03-06-2025) (Tuesday) 10:00 AM. to 4:30 PM (Online)	Resource Person: Dr. Amanpreet Singh, Expert (Assistant Professor), Punjabi University, Patiala
Theory & Practical	<ul style="list-style-type: none"> - Correlation and Regression. Multiple Correlation, Partial Correlation, Multiple Regression, Split files, Weight cases, select cases, Graphical Representation of Data-Bar Charts, Stacked Bar, Histogram, Line diagram, Pie diagram, Box Plot, Multiple Box Plot, Error bar, Stem-and-Leaf diagram, Exporting Graphs.
Day 3 (04-06-2025) (Wednesday) 10:00 AM. to 4:30 PM (Offline)	Resource Person: Dr. Amanpreet Singh, Expert (Assistant Professor), Punjabi University, Patiala
Theory & Practical	<ul style="list-style-type: none"> - One-way and Two -way ANOVA - Non-parametric Tests: Kolmogorov Smirnov test, Sign Test, Wilcoxon-signed rank test, Mann-Whitney U-statistic, Kruskal Wallis One-way
Day4(05-06-2025) (Thursday) 10:00 AM. to 4:30 PM (Offline)	Resource Person: Dr. Amanpreet Singh, Expert (Assistant Professor), Punjabi University, Patiala

Theory & Practical	<ul style="list-style-type: none"> - Logistic Regression - Cluster Analysis - Factor Analysis - Discriminant Analysis - Two-way/Two-way ANOVA - Post Hoc Multiple Comparisons, Simultaneous
Day 5 (06-06-2025) (Friday) 10:00 AM. to 1:30 PM (Offline)	Resource Person: Dr. Amanpreet Singh, Expert (Assistant Professor), Punjabi University, Patiala
Theory & Practical	<ul style="list-style-type: none"> - Computing appropriate statistics for frequency data, Analysis of Covariance (ANCOVA), Multivariate Analysis of variance (MANOVA), and MANCOVA

VALEDICTORY ADDRESS AND DISTRIBUTION OF CERTIFICATES

Venue: Drone Hall, Admin Block

Dated: 6-6-2025 (Offline)	
02:30-04:00 PM	Valedictory Address and Distribution of Certificates.
04:00-4:30PM	Vote of Thanks

Note:

- **Tea Break:** 11:30 - 12:00 PM on June 4-6, 2025
- **Lunch** : 01:30-02:30 PM on June 4-6, 2025