Centre for Research
CHRIST (Deemed to be University), Delhi NCR Campus

Date: 11th and 12 May 2026
Activity Report

General Information

Type of Activity	*Hands on Training Workshop*
Title of the Activity	**Hands-on Training in Dealing with Higher-Order Constructs in Smart PLS**
Date/s	11th and 12th May 2026
Time	9:00 to 11:00 AM
Venue	Seminar Hall, B Block 2nd Floor
Collaboration/Sponsor (if any)	-
Social Media Link (if any)	-

Speaker's profile

Name	**Dr. Abhinav Priyadarshi Tripathi**
Title/Position	**Associate Professor**
Organization	**CHRIST (Deemed to be University) Delhi NCR Campus**
Title of Presentation	**Hands-on Training in Dealing with Higher-Order Constructs in Smart PLS**

Participant's profile

Type of Participants	**Research Scholars**
No. of Participants	**30**

Synopsis of the Activity (Description)

Highlights of the Activity	The two-day workshop provided an in-depth understanding of theoretical frameworks and advanced research modeling techniques. Day 1 focused on the fundamentals of theory building, including the basic questions of theory—what, how, why, who, where, and when. Participants explored the relationship between human life and statistics, different forms and modifications of theory, and the importance of identifying appropriate theoretical backing for research frameworks. References to the University of Colorado theory resources further enhanced conceptual clarity. Day 2 concentrated on construct development and model analysis. Sessions covered the reflective and formative nature of constructs, the importance of gathering data from the correct and engaged participants, and the distinction between measurement and structural models. The workshop also demonstrated first-order to fourth-order constructs, repeated indicator approaches, software applications, representation of results in tabular form, and manual calculation of higher-order constructs using Excel.
Key Takeaway	Participants gained practical and conceptual knowledge on developing strong theoretical frameworks and applying advanced statistical modeling techniques in research. The workshop enhanced understanding of construct validation, reliability, validity testing, and

	higher-order model analysis, while also providing hands-on exposure to software tools and Excel-based calculations for research applications.
Summary of the Activity	The activity was conducted over two days with sessions dedicated to strengthening participants' understanding of research theory and structural equation modeling concepts. The workshop combined theoretical discussions with practical demonstrations to ensure comprehensive learning. Participants were introduced to theory formulation, construct development, measurement and structural models, higher-order constructs, and result interpretation methods. Hands-on demonstrations and practical exercises enabled participants to apply the concepts effectively in their own research work.
Key Feedback	Participants appreciated the clarity with which complex theoretical and statistical concepts were explained. The practical demonstrations of software usage and manual calculations in Excel were found to be particularly useful for understanding higher-order constructs and path analysis. The interactive nature of the sessions and the relevance of the topics to ongoing research work were highlighted as major strengths of the workshop.
Action Taken, if any	The workshop materials and demonstrations were shared with participants for future reference and application in their research work. Participants were encouraged to incorporate appropriate theoretical frameworks and advanced modeling techniques into their ongoing research studies. Follow-up guidance and support for applying the discussed methodologies in research analysis were also proposed.

Rapporteur

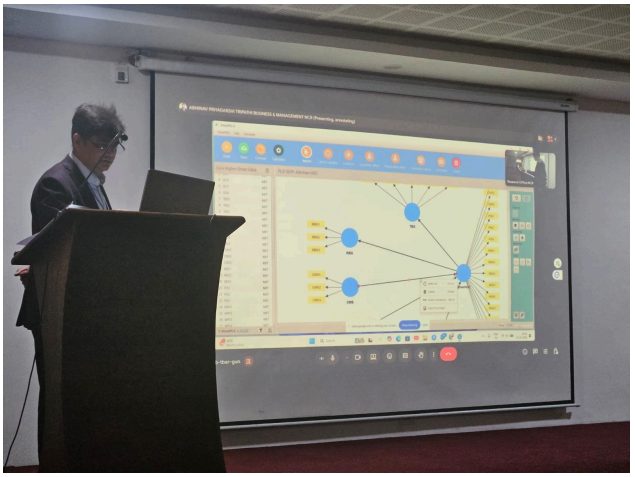
Name of the Rapporteur	**Ansella Anna Thomas**
Email	**ansella.thomas@christuniversity.in**

Poster



Photos
2 Geotagged and 2 non-Geotagged

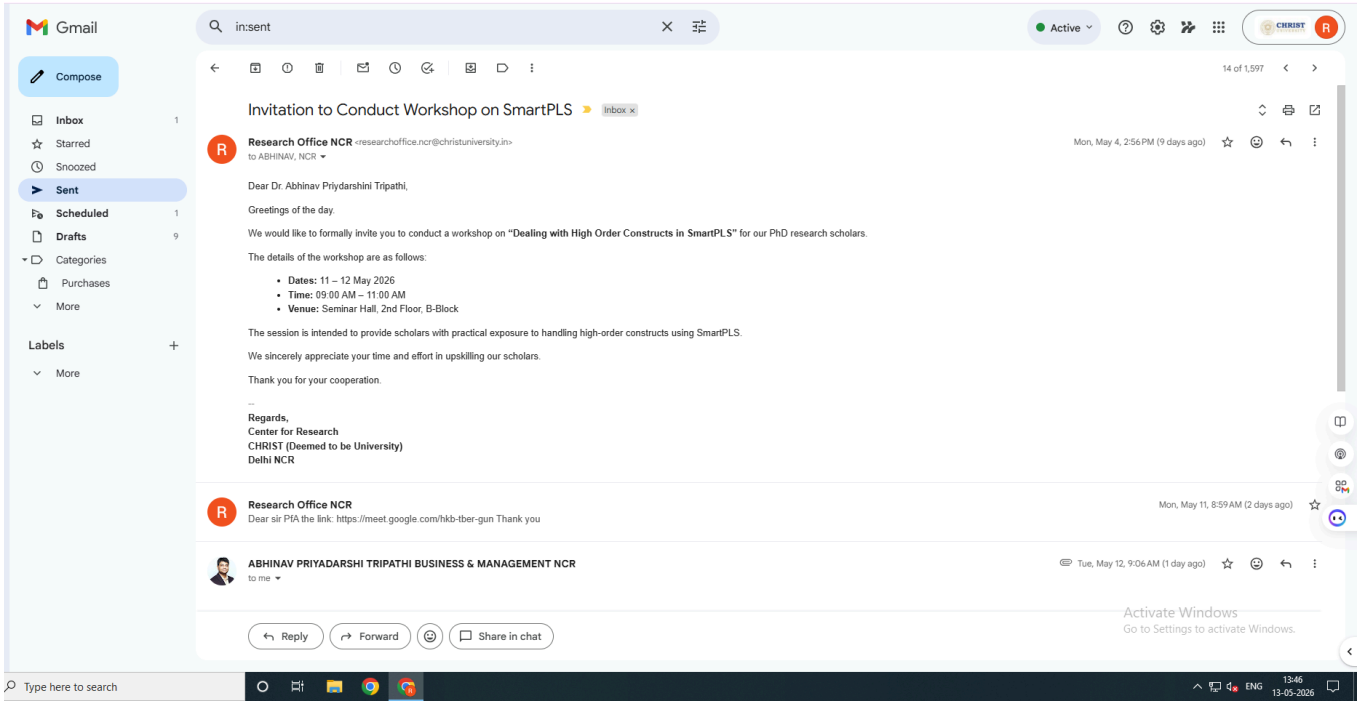


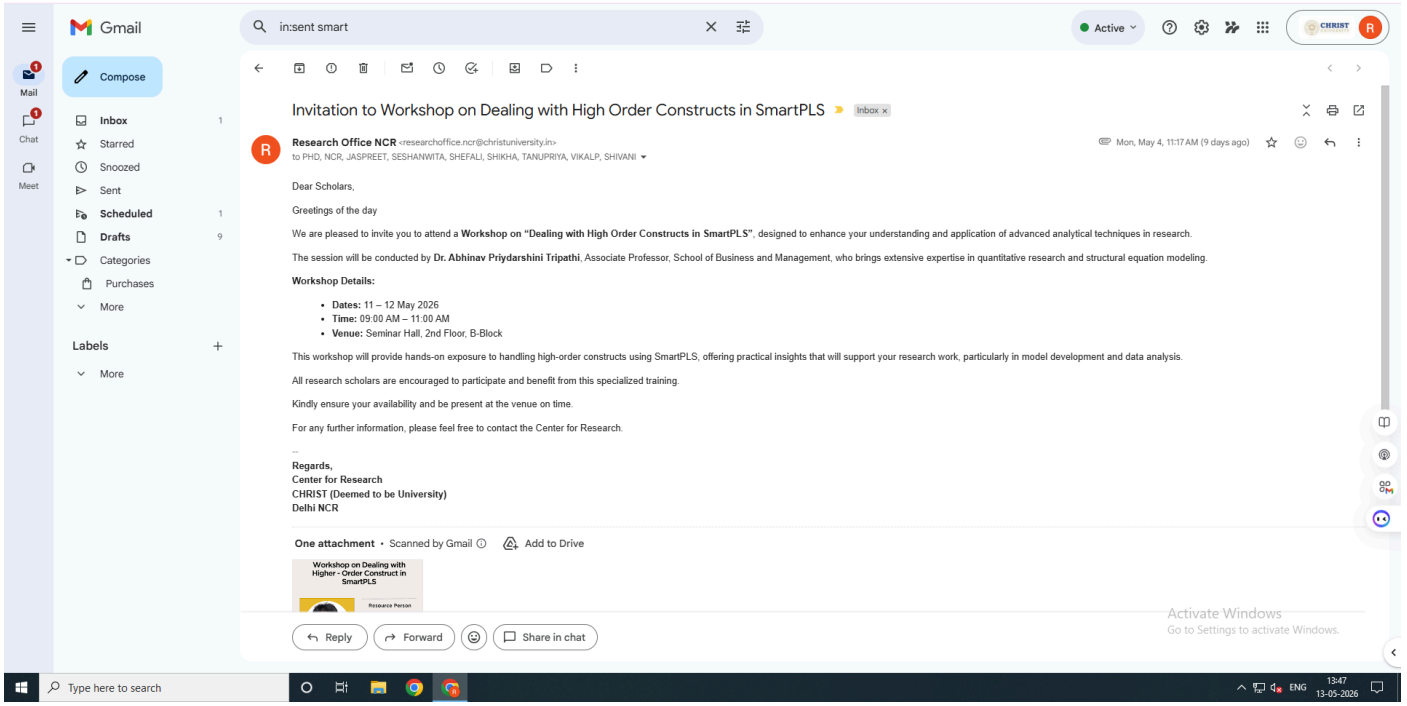






Information Email/ Message of Student and Faculty



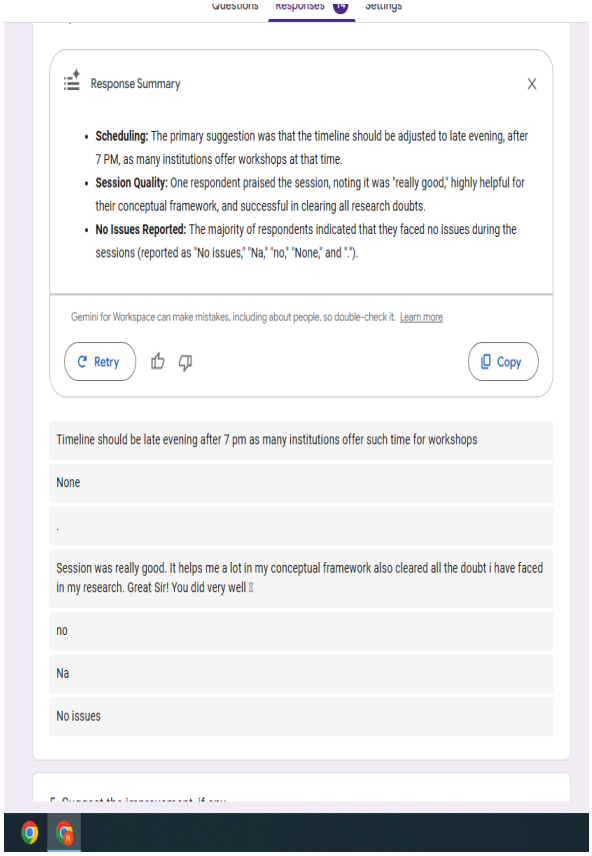


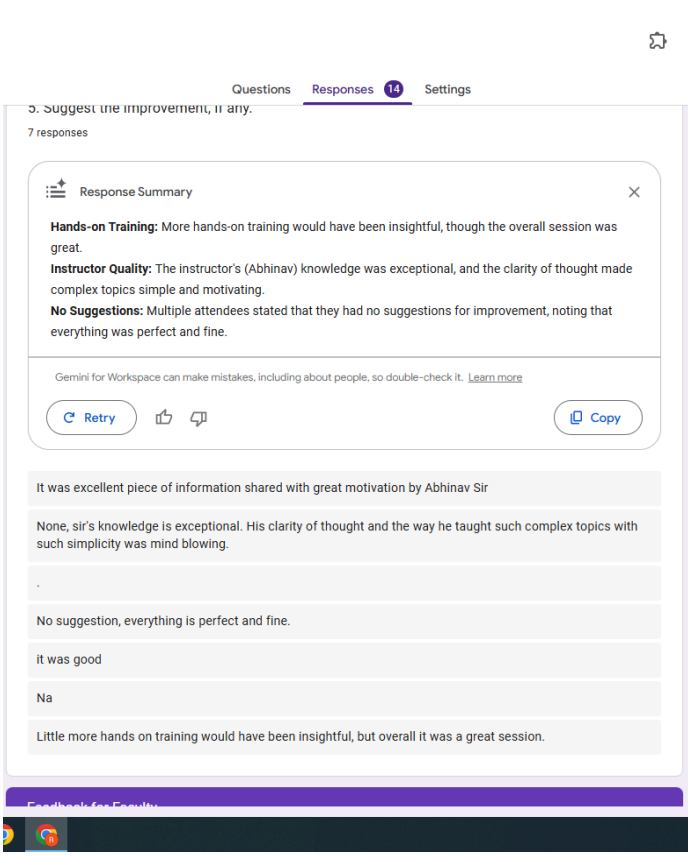
Attendance sheet

Attached at the end of the report

Feedback form [with the answers]







Feedback Analyses

The primary suggestion was that the timeline should be adjusted to late evening, after 7 PM, as many institutions offer workshops at that time. The majority of respondents indicated that they faced no issues during the sessions

Impact Analyses and Action Taken

One scholar stated that more hands-on training would have been insightful, though the overall session was great. Multiple attendees stated that they had no suggestions for improvement, noting that everything was perfect and fine**.**

[Speaker's post of the session on their social media handle or blogs links can be added (in case available)]

https://www.linkedin.com/posts/dr-abhinav-p-tripathi-7b43b910_researchmethodology-smartpls-highereducation-ugcPost-7461479984025456644-2TV-?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAIx4DgB_m7c0HJQDUeRHTatg-uEzVC305g

Signature **Seal**