

REPORT ON THE WORKSHOP ON “STANDARDIZATION OF RESEARCH TOOLS”

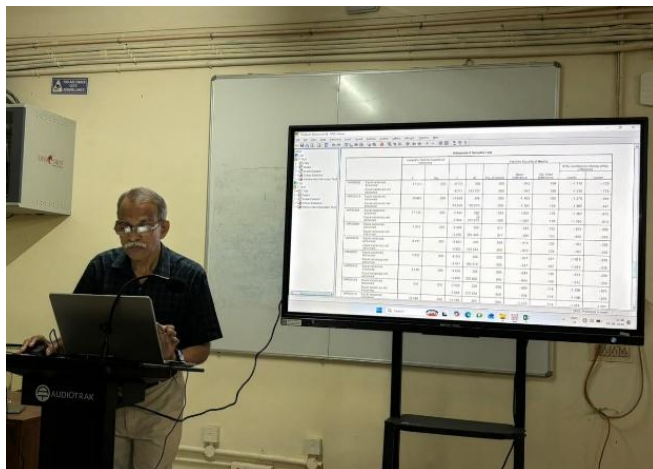
The School of Pedagogical Sciences (SPS), Mahatma Gandhi University, Kottayam, organised a workshop on “Standardisation of Research Tools” on 2 September 2026. The programme was organised with the objective of developing a deeper understanding of the process of standardising research tools and familiarising students with the theoretical as well as practical aspects involved in the development and standardisation of research instruments.

The programme was coordinated by Dr. Smitha S., Assistant Professor, School of Pedagogical Sciences, Mahatma Gandhi University. The session was compered by Somiya Mathew, who efficiently guided the programme through its various stages. The programme commenced with a prayer by Aswathy Sabu, invoking blessings for the successful conduct of the academic session. The welcome address was delivered by Sreelakshmi Sudhakaran, who warmly welcomed the resource person, faculty members, and students to the programme.



The resource person was by Professor K. Manikandan, Retired Professor, Department of Psychology, University of Calicut. The session focused on the important aspects of research tool standardisation. The resource person provided detailed explanations of the theoretical foundations related to research tools and their standardisation, helping the participants understand the importance of using appropriate and scientifically sound tools in educational research.

The session was highly interactive and engaging. Along with theoretical discussions, the resource person included practical aspects of tool standardization, which made the concepts easier for the students to understand and apply in their own research work. Various relevant information and practical insights were shared throughout the session. The resource person provided a clearer understanding of how statistical analysis is carried out in research, explaining the practical application of statistical techniques in analysing and interpreting research data. The demonstration and explanations helped the participants understand the process of statistical analysis more effectively.



One of the major highlights of the programme was the demonstration of SPSS software by Professor K. Manikandan. The practical demonstration helped students gain a better understanding of the application of statistical software in research. It provided an opportunity for the participants to connect the theoretical aspects of research methodology with their practical application in data analysis.

The interactive nature of the programme encouraged active participation among the students. Many students raised questions and clarified their doubts with the resource person. The session therefore served as a valuable learning experience, M.Ed students who are in the process of developing or using research tools.

The feedback on the programme was given by Megha Mohan and Sridarsh G. S. sharing their reflections on the programme. The participants expressed that the session was informative, practical, and academically enriching. They particularly appreciated the interactive discussions, detailed explanations, and the demonstration of SPSS software.



The programme concluded with the Vote of Thanks delivered by Ramseena P. A., who expressed sincere gratitude to the resource person, coordinator, faculty members, and all participants for their valuable contributions and active participation in making the programme successful.

Overall, the programme on “Standardization of Research Tools” was highly informative and academically enriching. The combination of theoretical explanations, practical aspects, interactive discussions, doubt-clearing sessions, and the demonstration of SPSS software made the programme particularly beneficial to the participants. The session enhanced the students’ understanding of research tool standardization and provided valuable practical knowledge that can be applied in their ongoing and future research activities.

