



Report of the Activity/Event/Celebration

Name of the Centre/Department/Branch/others	Department of Testing and Evaluation
Name of the Head of the Centre/Department/Branch/others	Dr. Minalba Jadeja
Name of the Activity/Event/Programme	Quantifying Quality: A Faculty Development Program on Measurement in Research
Seminar Director/Convener	Dr. Minalba Jadeja
Coordinator of the Activity. If any	Dr. Parthvee R. Damor, Dr. Disha Nayak
Date/s and Day/s of the Activity/Event/Celebration	9 th March, 2026 to 14 th March 2026
Duration of the Activity/Event/Programme	6 days
Venue of the Activity/Event/Programme	Seminar Hall, Children's Research University, Gandhinagar, Gujarat.
Beneficiaries (Teachers/Students/parents/ others...)	Students, Research Scholars, & Academicians
Total Beneficiaries/participants (where applicable or appx.)	25
Descriptive Report <p>The Department of Testing and Evaluation, Children's Research University, Gandhinagar, and MMTTC, Gujarat University, Ahmedabad, jointly organized a Faculty Development Program titled "Quantifying Quality: A Faculty Development Program on Measurement in Research" from 9th March 2026 to 14th March 2026. The event was supported by the Knowledge Consortium of Gujarat (KCG) under the Promotion of Research for Facilities scheme.</p> <p>The program was conducted under the guidance of Hon. Vice Chancellor Dr. T.S. Joshi sir. He guided to conduct the FDP in workshop mode. There were 25 participants, ensuring active engagement and hands-on learning. Prof. Jagdish Joshi, Director HRDC has given insights in the planning of the workshop.</p>	

The program commenced with an inaugural session including lamp lighting and welcome address by Dr. Minalba Jadeja, who emphasized the importance of quality measurement and standardized tools in research. Eminent experts like Prof. Bharat Joshi and Registrar Dr. Nilesh Pandya, shared their insights throughout the FDP, focusing on enhancing research competencies of faculty members.

The sessions covered key aspects of research tool construction such as identification of research problems, variable selection, and operationalization. Participants were guided on selecting appropriate research tools like questionnaires, scales, and interviews based on research objectives. Interactive group activities helped participants understand criteria selection, title formulation, and real-life application of measurement concepts.

Further sessions focused on identification of dimensions and sub-dimensions, item writing, and development of initial item pools. Experts elaborated on Likert and Thurstone scaling methods, measurement scales (nominal, ordinal, interval, ratio), and their application in research. Practical training was provided on pilot testing, try-out procedures, scoring methods, and data management.

The FDP also emphasized validation and reliability of research tools through techniques such as Content Validity Index (CVI), reliability testing, item analysis, and statistical methods. Sessions on norms, standardization, and interpretation of scores strengthened participants' understanding of scientific measurement. The importance of preparing a comprehensive research tool manual and maintaining ethical standards was also highlighted.

The valedictory session was graced by Hon. Vice Chancellor Dr. T. S. Joshi and Former Vice chancellor of CU, Prof. K. S. Likhia. The session included presentation of the program report, participant feedback, and expert remarks, highlighting the success and usefulness of the FDP.

Overall, the program was highly informative, interactive, and beneficial. It significantly enhanced participants' knowledge and skills in research methodology, tool construction, and data analysis.

Photographs of the event




