## **FDP: 20-25 July 2023, IQAC report**

Sri Guru Gobind Singh College of Commerce's Centre of Excellence (COE) and Internal Quality Assurance Cell (IQAC), in association with the Mahatma Hansraj Faculty Development Centre (A Centre of the Ministry of Education, Government of India, under the PMMMNMTT Scheme), Hansraj College, University of Delhi, organised a Faculty Development Programme (FDP) on "Advanced Research Techniques in Social Sciences (SmartPLS and NVivo)" from July 20-25, 2023. The FDP was designed to make it easier for members of the research community to advance their knowledge and abilities by using software like SmartPLS and NVivo. Two distinguished researchers, Dr. Neeraj Kaushik (Associate Professor, and Head of the Department of Business Administration NIT, Kurukshetra) and Dr. Jaspreet Kaur (Associate Professor, Vivekananda Institute of Professional Studies), significantly influenced the five-day learning process. The two sources not only aided in understanding the research concepts on a theoretical level, but also highlighted their applicability and implications in practical contexts. The concepts of correlation, covariance, and regression were explained using examples from the real world. Following that the concept of regression was taught, outlining the differences between dependent and independent variables as well as other aspects of a simple regression equation like slope, intercept, etc. The discussion then moved to types of constructs: Reflective and Formative: expressing their usage, features, graphical representation etc. Next Reliability and Validity along with their various types were examined within the dummy measuring model. Last but not least, the terms "moderation" and "mediation" were defined and samples of data were provided so that users could practise applying and computing the effects. The last 2 days focussed more on qualitative research and paper writing. Dr. Jaspreet Kaur helped the participants in learning NVivo software and its various applications like thematic analysis, sentiment analysis, word count etc. The FDP ended with a valedictory session where Principal of SGGSCC, Dr. Jatinder Bir Singh congratulated all participants for successful completion of the FDP, praised the organizing team for their efforts and provided participation certificates.







