

FACULTY DEVELOPMENT PROGRAMME ON “ADVANCES IN RESEARCH METHODOLOGY AND DATA ANALYTICAL TOOLS”

A Five Day Faculty Development Programme on “Advances in Research Methodology and Data Analytical Tools” was organized by Department of Computer Applications and Department of Computer Science and Engineering in collaboration with IKG PTU, Jalandhar and PITTTR from 18th Dec 2017 to 22nd Dec 2017.

The eminent speakers included Dr. Ashwani Thukral, Prof D.S. Bhambra, Dr. Kuljit Kaur, Dr. Ashish Arora, and Dr. Gurwinder Singh.

Dr. Ashwani Thukral, Professor, Guru Nanak Dev University, Amritsar, addressed the audience about various analytical tools like ANOVA, Student's t Test, Z Test, Correlation & Regression techniques.

Prof D.S. Bhambra shared his views on the NBA and NAAC accreditation process. He also said that if a person is sincere in his work, he himself becomes an accreditation for the institution.

Dr. Kuljit Kaur, Professor, Guru Nanak Dev University, Amritsar discussed the importance of data collection in research. The first main step for the researcher is the collection of data. If healthy data is collected, the results of the research will be positive. Hence, data collection plays an important role in any kind of research. She also taught how to prepare a questionnaire.

Dr. Ashish Arora, Assistant Professor, Guru Nanak Dev University College, Jalandhar, said that a research design should always be drafted before starting the research. It aids the researcher in the allocation of limited resources by posing crucial choices in methodology. It is the overall programme or scheme of research. It expresses both the structure of research problem--the framework, the resources and the plan of investigation to obtain empirical evidence on those relationships.

Dr. Gurvinder Singh, Professor, Guru Nanak Dev University, Amritsar said that the analysis is moving from data to predictive analysis. It refers to the future needs to be predicted on the basis of data. The data has moved from few kilobytes to brontobytes i.e. 10^{27} bytes in magnitude.

