GRADUATE SCHOOL OF MANAGEMENT STUDIES

GUJARAT TECHNOLOGICAL UNIVERSITY

Report on

One day Workshop on

"Data Analysis through Statistical Software"

Date: 17/06/2023; Time: 10:30am to 5:00pm

Graduate School of Management Studies, GTU has organized one day workshop on

"Data Analysis through Statistical Software" on 17th June, 2023 from 10.30 am to 5pm. Dr. Amit Rajdev, Associate Professor, School of Management, R K University was invited as an expert for the workshop. He has vast experience of more than 15 years of Post Graduate teaching and research. He also has deep expertise of using various software for data analysis and interpretation. The workshop was based on data analysis through IBM SPSS as GSMS has procured license of the same. There were more than 55 students of Sem-2 of MBA (IB) programs has participated in the workshop enthusiastically. The content of the workshop was as under.

Part-I: Conceptual Framework

Validity – Reliability – Normality

Levels of Measurement: Nominal, Ordinal, Interval & Ratio

Analysis: Uni-variate, Bi-variate and Multi-variate

Part-II: Data Entry in SPSS

Case Study-1: Data Entry, Import & Export excel file, Variable view and Data view, Coding and Recoding

Part-III: Descriptive Statistics Using SPSS

Case Study-2: Mean, Median, Standard Deviation, Data Screening & Cleaning, Missing Data analysis

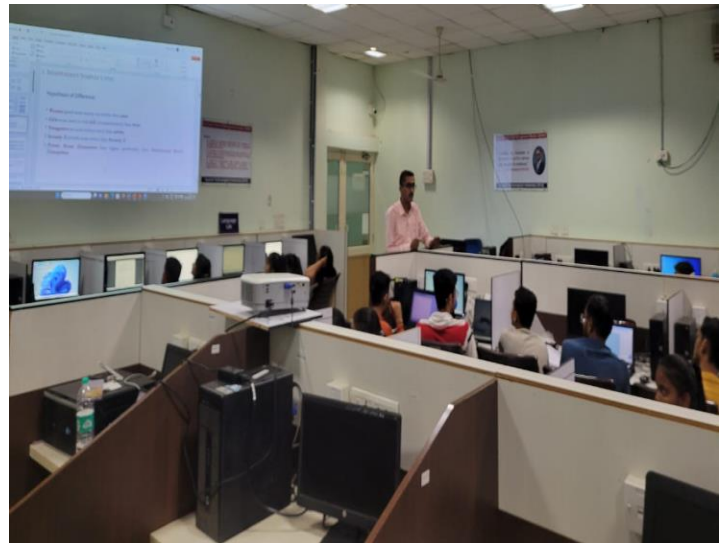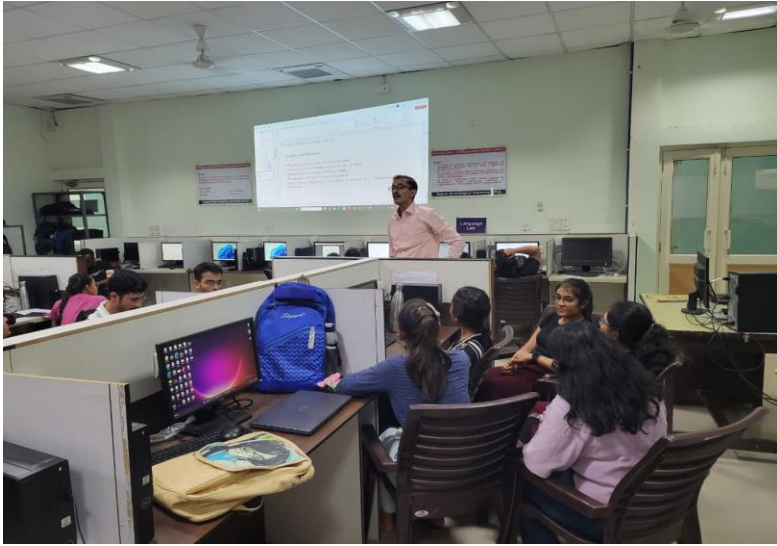**Part-IV: Graphs using SPSS**

Case Study-3: Bar Chart, Pie Charts, Line Charts, etc

Part-V: Hypothesis Testing

t-test one sample, t-test two sample, Chi-square

As a part of Research Methodology & Applied Statistics (RMAS) subject in the second semester of MBA (IB) program the workshop was organized. The students were highly involved during the session and entire workshop was very much interactive as there were hands on practice carried out by students on SPSS. The students were very much satisfied by the delivery of the content by the expert. The expert brought different case studies which were discussed during the session.

Few Photographs:

The Workshop was coordinated by

Dr. Kaushal Bhatt, Associate Professor, GSMS-GTU