K.S. School of Engineering and Management

Kanakapura Road, Bengaluru -560109

Department of Management Studies (MBA)

Session: 2022-23 (EVEN Semester)
4th Semester, MBA. Batch: 2020-22

REPORT ON A WORKSHOP ON HYPOTHESIS TESTING EXAMPLES AND SOLUTIONS FOR FINANCE FIELD

Event name: Workshop

Topic: Hypothesis Testing Examples And Solutions For Finance Field

Date and time: May 25, 2022, 1:30 pm

Targeted audience: 4th semester MBA students

Resource Person: Prof. Roopa Balavenu, Asst. Prof., Department of Management Studies(MBA), KSSEM, Bengaluru.

Venue: Computer Lab,5th Floor, Department of Management Studies, KSSEM

Event Coordinator: Prof. Roopa Balavenu

The event gave glimpses on Hypothesis testing, meaning, application in business, hypothesis testing in finance projects with hands on experience examples, 7 steps of hypothesis testing

etc. The real value of hypothesis testing in business is that it allows professionals to test their theories and assumptions before putting them into action. This essentially allows an organization to verify its analysis is correct before committing resources to implement a broader strategy. Hypothesis testing is a mathematical tool for confirming a financial or business claim or idea. Hypothesis testing is useful for investors trying to decide what to invest in and whether the instrument is likely to provide a satisfactory return. We define hypothesis test as the formal procedures that statisticians use to test whether a hypothesis can be accepted or not. A hypothesis is an assumption about something. For example, a hypothesis about family pets could be something like the average number of dogs per American household is two.

Typically, hypothesis testing utilizes two different types of hypothesis: the null hypothesis and the alternative hypothesis. The null hypothesis represents the assumption that is made about the data sample, whereas the alternative hypothesis represents a counterpoint. More often than not, the alternative hypothesis takes the exact opposite point of view from the null hypothesis. Hypothesis testing is used in statistics to learn about and understand different population groups. Additionally, the results of hypothesis testing can sometimes be used to predict the likelihood of future outcomes within the population group. By going through the process of testing a hypothesis, scientists and mathematicians are able to determine the statistical validity of their inferences, which helps them to learn about the world around us.

CO-ORDINATOR	HOD-MBA	PRINCIPAL/DIRECTOR
Prof. Roopa Balavenu	Dr. Shekar H S	Dr. K Rama Narasimha