M.Sc (I.T.) SEMESTER_I
SUBJECT: PRACTICALS
Research in Computing Practical (PSIT1P1)

Sr.No	COURSE OBJECTIVES	LEARNING OUTCOMES
1	To understand the establishment of statistical data.	Understanding the process of analysis.
2	Perform testing of hypothesis	Developing the understanding of hypothesis behaviour in research
3	Learning the sampling process	Evaluating the best possible way to sample the data for best possible solution.
4	Compute different types of correlation.	Establishing the understanding between various research parameters.

M.Sc (I.T.)SEMESTER_I
SUBJECT: PRACTICALS
DATA SCIENCE (PSIT1P2)

Sr.No	COURSE OBJECTIVES	LEARNING OUTCOMES
1.	Create Data Model using Cassandra	develop the concept of unstructured database
2.	Conversion from different formats to HORUS format	Understanding how various data values are depending and co-related on each other in real time data model
3.	Auditing through Logging.	Establishing the concept and importance of data auditing and attribute relation.
4.	Data Visualization with Power BI.	Learning data set representation in graphic and non-graphic format.

M.Sc (I.T.)SEMESTER_I
SUBJECT: PRACTICALS
Cloud Computing Practical (PSIT1P3)

Sr.No	COURSE OBJECTIVES	LEARNING OUTCOMES
1	Implementing Client Server communication model using TCP.	Establishing the concept of protocol based connection oriented communication.
2	Implementing Client Server communication model using UDP.	understanding the concept of protocol based connection-less communication
3	object communication	Developing application for Remote communication.
4	Implementing Web Service	Configuration of web services and learning the communication flow with databases.

M.Sc (I.T.)SEMESTER_I
SUBJECT: PRACTICALS
SOFT COMPUTING TECHNIQUES (PSIT1P4)

Sr.No	COURSE OBJECTIVES	LEARNING OUTCOMES
1.	Understanding neural network	Designing linear neural network
2.	Implementing electronics gate functionality	Understanding of AND/OR relationship between various neurons.
3.	Programming neural network algorithm	Developing the algorithms for neural network functioning.
4.	Hopfield network modelling	Conceptualization of less and associative memory networks building
5.	Performing Genetic algorithm	Establishing the flow of the inputs and outputs of algorithm to get most feasible solution based on situation.