**LESSON PLAN**

**Business Statistics(3.02)**

**Mrs Renu gulia**

**Session -2023-24**

**July**-origin, Development, Definition, Scope ,Uses and limitations

**August**- Types of measurement scales-normal, ordinal, interval and ratio level measurement, collection ,classification and tabulation of primary and secondary data. Diagramatic and Graphical presentation of data bar, squares, rectangular and circular diagrams. Frequency polygon, ogives, stem and leaf displays box plots.

**September-**Concept and measures of central tendency, quartiles, deciles, percentiles. Concept and its absolute as well as relative measures. Moments about any point and about mean and the relationship between them. Sheppard,s correction for moments. Concept of symmetrical distribution and skewness, measures and co-efficient of skewness, concept of kurtosis and its measures.

**October-**Concept, scatter diagram, Karl Pearsons co-efficient of correlation and its properties, spearman’s rank correlation concurrent deviation method. Meaning and definition , difference between correlation and regression, Principles of least squares and fitting of a line of best fit to the given data,

**November**-regression lines, properties of regression co-efficient and and regression lines, standard error of estimate, co-efficient of determination and revision.