**LESSON-PLAN (Session 2021-22) Even Semester**

**Name of Professor: Satbir Singh**

**Subject: Mathematics**

**Class: B.C.A. – 2nd. Sem.**

**Subject/Paper: Business Mathematics - II**

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| **Sr. No.** | **Days** | **Topics to be covered** | **Remarks if any** |
|  | **08-04-2022 to 15-04-2022** | **Permutations** |  |
|  | **16-04-2022-30-04-2022** | **Combinations Binomial Theorem** |  |
|  | **01-05-2022to 15-05-2022** | **Data representation and interpretation: introduction, classification and tabulation of data, Diagrammatic and graphic representation of data: significance of diagrams and graphs, Types of diagrams: bar diagram, pie chart, pictographs,** |  |
|  | **16-05-2022-31-05-2022** | **graphs of time series or line graphs; graphs of frequency distribution: histogram, frequency polygon, ogives or cumulative frequency curves, limitations of diagrams and graphs.** |  |
|  | **01-06-2022to 15-06-2022** | **Linear inequalities: graphical solution of linear equalities in two variables, solution of system of linear inequalities in two variables.** |  |
|  | **16-06-2022-30-06-2022** | **Linear programming-formulation of equation: graphical method of solution; problems relating to two variables including the case of mixed constraints;** |  |
|  | **01-07-2022to 16-07-2022** | **cases having no solution, multiple solutions, unbounded solution and redundant constraints.** |  |

**\*Vacation as per university calendar**

**\*Assignments and unit test will be taken as per schedule.**