**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Even Semester**

**Session (2018-19)**

**Class: Biotech Hons, 2nd SEM Name of the Teacher: Anuradha Aggarwal**

**Subject: Statistics Period: 2nd (1-2)**

**Paper: Statistics and Computer Fundamentals Room No: 111**

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| **S. No** | **Dates** | **Topics to be covered** |
| Week 1 | 14 /01/2019 – 19/01/2019 | Statistics , an introduction, its limitations , Uses and Types of data |
| Week 2 | 21/01/2019 –  25/01/2019 | Classification, and tabular presentation of discrete and continous data |
| Week 3 | 28/01/2019 –  2/02/2019 | Diagrammatic and Graphical presentation of data |
| Week 4 | 4/02/2019 –  9/02/2019 | Measurement of central tendency |
| Week 5 | 11/02/2019 –  16/02/2019 | Partition values: quantiles, deciles and percentiles |
| Week 6 | 18/02/2019 –  23/02/2019 | Measurement of dispersion |
| Week 7 | 25/02/2019 –  02/03/2019 | Correlation and regression analysis |
| Mid Semester Exam | | |
| Week 8 | 11/03/2019 –  16/03/2019 | Concepts of probability and probability distribution |
| Week 9 | 18 /03/2019 –  22/03/2019 | Binomial and poisson distribution |
| Week 10 | 25/03/2019 –  30/03/2019 | Geometric, exponential and normal distribution |
| Week 11 | 1/04/2019 –  6/04/2019 | Moment and cummulant generating function |
| Week 12 | 8/04/2019 –  12/04/2019 | Hypothesis testing |
| Week 13 | 15/04/2019 –  20/04/2019 | Markov and Cluster Analysis |
| Week 14 | 22/04/2019 –  27/04/2019 | Revision |
| Week 15 | 29 /04/2019 –  3/05/2019 | Revision |