

## Lesson plan for CBCS Syllabus:

Department of Statistics,

Muralidhar Girls' College

### ODD SEMESTER- GENERAL

#### SEMESTER ONE GENERAL

| Semester                   | Paper<br>CC/GE-1-1-<br>TH+P. | Unit | Topic                            | JULY –<br>SEPTEMBER/<br>OCTOBER-<br>DECEMBER | Faculty<br>Name   |
|----------------------------|------------------------------|------|----------------------------------|--|-------------------|
| SEMESTER<br>ONE<br>GENERAL | Descriptive<br>Statistics.   | 1    | Introduction.                    | JULY-<br>AUGUST                              | Subhankar<br>Saha |
| SEMESTER<br>ONE<br>GENERAL | Descriptive<br>Statistics.   | 2    | Measures of<br>Central Tendency. | AUGUST-<br>SEPTEMBER                         | Subhankar<br>Saha |
| SEMESTER<br>ONE<br>GENERAL | Descriptive<br>Statistics.   | 3    | Bivariate data.                  | NOVEMBER                                     | Subhankar<br>Saha |

#### SEMESTER THREE GENERAL

| Semester                     | Paper<br>CC/GE-3-<br>3-TH+P.                    | Unit | Topic  | JULY –<br>SEPTEMBER<br>/OCTOBER-<br>DECEMBER | Faculty Name      |
|------------------------------|---|------|--|--|-------------------|
| SEMESTER<br>THREE<br>GENERAL | Introduction<br>to<br>Statistical<br>Inference. | 1    | Sampling<br>distribution<br>&Statistical<br>Inference. | JULY-<br>AUGUST                              | Subhanka<br>rSaha |
| SEMESTER<br>THREE<br>GENERAL | Introduction<br>to<br>Statistical<br>Inference. | 2    | Estimation<br>&Tests of<br>hypothesis.                 | AUGUST-<br>SEPTEMBER                         | Subhanka<br>rSaha |
| SEMESTER<br>THREE<br>GENERAL | Introduction<br>to<br>Statistical<br>Inference. | 3    | Analysis of<br>variance &<br>Designof<br>Experiments.  | NOVEMBER                                     | Subhanka<br>rSaha |

### SEMESTER FIVE GENERAL

| Semester                    | Paper<br>STS-G-DSE-A-<br>5-1-TH+P | Unit | Topic   | JULY –<br>SEPTEMBER/<br>OCTOBER-<br>DECEMBER | Faculty Name      |
|-----------------------------|-----------------------------------|------|---|--|-------------------|
| SEMESTER<br>FIVE<br>GENERAL | Operations<br>Research.           | 1    | Introduction and<br>Historical<br>Background &<br>Linear<br>Programming<br>Problem. | JULY-AUGUST                                  | Subhankar<br>Saha |
| SEMESTER<br>FIVE<br>GENERAL | Operations<br>Research.           | 2    | Simplex method.   | AUGUST-<br>SEPTEMBER                         | Subhankar<br>Saha |
| SEMESTER<br>FIVE<br>GENERAL | Operations<br>Research.           | 3    | Transportation<br>problem &<br>Assignment<br>problem.                               | NOVEMBER                                     | Subhankar<br>Saha |

### EVEN SEMESTER- GENERAL

#### SEMESTER TWO GENERAL

| Semester                   | Paper<br>CC/GE-2-2-<br>TH+P.         | Unit | Topic                                     | JANUARY-<br>MARCH/APRIL-<br>JUNE. | Faculty Name   |
|----------------------------|--------------------------------------|------|---|-----------------------------------|----------------|
| SEMESTER<br>TWO<br>GENERAL | Elementary<br>Probability<br>Theory. | 1    | Probability.                              | JANUARY -<br>FEBRUARY             | Subhankar Saha |
| SEMESTER<br>TWO<br>GENERAL | Elementary<br>Probability<br>Theory. | 2    | Random<br>Variables.                      | MARCH -APRIL                      | Subhankar Saha |
| SEMESTER<br>TWO<br>GENERAL | Elementary<br>Probability<br>Theory. | 3    | Standard<br>probability<br>distributions. | MAY                               | Subhankar Saha |

**SEMESTER FOUR GENERAL**

| Semester                    | Paper<br>CC/GE-4-4-<br>TH+P.   | Unit | Topic   | JANUARY-<br>MARCH/APRIL-<br>JUNE. | Faculty Name   |
|-----------------------------|--------------------------------|------|---|-----------------------------------|----------------|
| SEMESTER<br>FOUR<br>GENERAL | Applications<br>of Statistics. | 1    | Survey<br>Sampling.                                     | JANUARY -<br>FEBRUARY             | Subhankar Saha |
| SEMESTER<br>FOUR<br>GENERAL | Applications<br>of Statistics. | 2    | Index numbers<br>& Economic<br>Time Series.             | MARCH -APRIL                      | Subhankar Saha |
| SEMESTER<br>FOUR<br>GENERAL | Applications<br>of Statistics. | 3    | Demographic<br>Methods & Life<br>(mortality)<br>tables. | MAY                               | Subhankar Saha |

**SEMESTER SIX GENERAL**

| Semester                | Paper<br>DSE-B-6-2-<br>TH+P. | Unit | Topic                      | JANUARY-<br>MARCH/APRIL-<br>JUNE. | Faculty Name      |
|-------------------------|------------------------------|------|----------------------------|-----------------------------------|-------------------|
| SEMESTER<br>SIX GENERAL | Survival<br>Analysis.        | 1    | Survival Analysis.         | JANUARY -<br>FEBRUARY             | Subhankar<br>Saha |
| SEMESTER<br>SIX GENERAL | Survival<br>Analysis.        | 2    | Censoring<br>Schemes.      | MARCH -APRIL                      | Subhankar<br>Saha |
| SEMESTER<br>SIX GENERAL | Survival<br>Analysis.        | 3    | Non-parametric<br>methods. | MAY                               | Subhankar<br>Saha |