



## Integral University, Lucknow

## Department of Mathematics &amp; Statistics

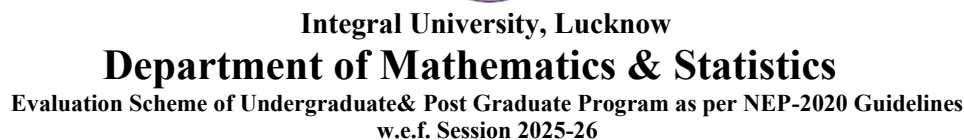
### Evaluation Scheme of Undergraduate & Post Graduate Program as per NEP-2020 Guidelines

w.e.f. Session 2025-26

### **B.Sc. Honours in Statistics (< 75% Marks)**

**Year: Fourth / Semester: Seventh (Odd Semester)**

| S. N.     | Course Code    | Course Title                                  | Theory / Practical | Course Type             | Periods/ Per week |              |               | Continuous Assessment |                         |       | End Semester Examination (ESE) | Subject Total | Total Credit Points | Attributes    |                  |                   |                 |                              |             |                     |  | United Nations Sustainable Development Goals (SDGs)                                   |  |
|-----------|----------------|-----------------------------------------------|--------------------|-------------------------|-------------------|--------------|---------------|-----------------------|-------------------------|-------|--------------------------------|---------------|---------------------|---------------|------------------|-------------------|-----------------|------------------------------|-------------|---------------------|--|---------------------------------------------------------------------------------------|--|
|           |                |                                               |                    |                         | Lecture (L)       | Tutorial (T) | Practical (P) | Class Test (CT)       | Teacher Assessment (TA) | Total |                                |               |                     | Employability | Entrepreneurship | Skill Development | Gender Equality | Environment & Sustainability | Human Value | Professional Ethics |  |                                                                                       |  |
| Theory    |                |                                               |                    |                         |                   |              |               |                       |                         |       |                                |               |                     |               |                  |                   |                 |                              |             |                     |  |                                                                                       |  |
| 1         | B030701T/MT434 | Real & Complex Analysis (T-4)                 | Theory             | Core Major (Compulsory) | 5                 | 1            | 0             | 15                    | 10                      | 25    | 75                             | 100           | 04                  | ✓             |                  |                   |                 |                              |             |                     |  |    |  |
| 2         | B060701T/MT459 | Sampling Techniques (T-4)                     | Theory             |                         | 5                 | 1            | 0             | 15                    | 10                      | 25    | 75                             | 100           | 04                  | ✓             |                  |                   |                 |                              |             |                     |  |    |  |
| 3         | B060702T/MT460 | Measure Theory & Probability (T-4)            | Theory             |                         | 5                 | 1            | 0             | 15                    | 10                      | 25    | 75                             | 100           | 04                  | ✓             |                  |                   | ✓               |                              |             |                     |  |    |  |
| 4         | B060703T/MT461 | Theory of Reliability (T-4)                   | Theory             |                         | 5                 | 1            | 0             | 15                    | 10                      | 25    | 75                             | 100           | 04                  | ✓             |                  |                   | ✓               |                              |             |                     |  |  |  |
| Practical |                |                                               |                    |                         |                   |              |               |                       |                         |       |                                |               |                     |               |                  |                   |                 |                              |             |                     |  |                                                                                       |  |
| 1         | B060704P/MT462 | Sample Techniques & R – programming Lab (P-4) | Practical          | Core Major              | 0                 | 0            | 8             | 15                    | 10                      | 25    | 75                             | 100           | 04                  | ✓             |                  |                   | ✓               |                              |             |                     |  |                                                                                       |  |
| TOTAL     |                |                                               |                    |                         | 20                | 4            | 8             | 75                    | 50                      | 125   | 375                            | 500           | 20                  |               |                  |                   |                 |                              |             |                     |  |                                                                                       |  |



**Year: Fourth / Semester: Eighth (Even Semester)**

| S. N.     | Course Code    | Course Title                                      | Theory / Practical | Course Type             | Periods/ Per week |              |               | Continuous Assessment |                         |       | End Semester Examination (ESE) | Subject Total | Total Credit Points | Attributes    |                  |                   |                 |                              |             |                     |  | United Nations Sustainable Development Goals (SDGs)                                                                                                                     |  |
|-----------|----------------|---------------------------------------------------|--------------------|-------------------------|-------------------|--------------|---------------|-----------------------|-------------------------|-------|--------------------------------|---------------|---------------------|---------------|------------------|-------------------|-----------------|------------------------------|-------------|---------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|           |                |                                                   |                    |                         | Lecture (L)       | Tutorial (T) | Practical (P) | Class Test (CT)       | Teacher Assessment (TA) | Total |                                |               |                     | Employability | Entrepreneurship | Skill Development | Gender Equality | environment & Sustainability | Human Value | Professional Ethics |  |                                                                                                                                                                         |  |
| Theory    |                |                                                   |                    |                         |                   |              |               |                       |                         |       |                                |               |                     |               |                  |                   |                 |                              |             |                     |  |                                                                                                                                                                         |  |
| 1         | B060801T/MT464 | General Linear Models & Regression Analysis (T-4) | Theory             | Core Major (Compulsory) | 5                 | 1            | 0             | 15                    | 10                      | 25    | 75                             | 100           | 04                  | ✓             |                  | ✓                 |                 |                              |             |                     |  |                                                                                      |  |
| 2         | B060802T/MT465 | Experimental Design & Analysis (T-4)              | Theory             |                         | 5                 | 1            | 0             | 15                    | 10                      | 25    | 75                             | 100           | 04                  | ✓             |                  | ✓                 |                 |                              |             |                     |  |   |  |
| 3         | B060803T/MT466 | Order Statistics & Non-Parametric methods (T-4)   | Theory             |                         | 5                 | 1            | 0             | 15                    | 10                      | 25    | 75                             | 100           | 04                  | ✓             |                  |                   |                 |                              |             |                     |  |                                                                                     |  |
| 4         | B060804T/MT469 | Inferential Statistics (T-4)                      | Theory             |                         | 5                 | 1            | 0             | 15                    | 10                      | 25    | 75                             | 100           | 04                  | ✓             |                  |                   |                 |                              |             |                     |  |                                                                                    |  |
| Practical |                |                                                   |                    |                         |                   |              |               |                       |                         |       |                                |               |                     |               |                  |                   |                 |                              |             |                     |  |                                                                                                                                                                         |  |
| 1         | B060804P/MT467 | Exploratory Data Analytics with SPSS (P-4)        | Practical          | Core Major (Compulsory) | 0                 | 0            | 8             | 15                    | 10                      | 25    | 75                             | 100           | 04                  | ✓             |                  |                   |                 |                              |             |                     |  |                                                                                    |  |
| TOTAL     |                |                                                   |                    |                         | 20                | 4            | 8             | 75                    | 50                      | 125   | 375                            | 500           | 20                  |               |                  |                   |                 |                              |             |                     |  |                                                                                                                                                                         |  |