

# LNCT UNIVERSITY, BHOPAL

School of Computer Science and Technology

Scheme of Examination

**National Education Policy - 2020**

PROGRAMME: **BCA**

BRANCH: **AI & DA**

wef: **July 2025**

SEMESTER: **I**

| S. No | Paper Category | Course Type | Paper Code | Paper Name                                  | Marks Allotted |     |     |     |                |     |     |     |             |     | Credits Allotted |   |   |   | Total Credits | Remark |
|-------|----------------|-------------|------------|---------------------------------------------|----------------|-----|-----|-----|----------------|-----|-----|-----|-------------|-----|------------------|---|---|---|---------------|--------|
|       |                |             |            |                                             | Theory Slot    |     |     |     | Practical Slot |     |     |     | Total Marks |     |                  |   |   |   |               |        |
|       |                |             |            |                                             | EST            |     | CAT |     | ESP            |     | CAP |     |             |     |                  |   |   |   |               |        |
|       |                |             |            |                                             | Max            | Min | Max | Min | Max            | Min | Max | Min | Max         | Min | L                | T | P | J |               |        |
| 1     | Major          | T-2         | BAI-101    | Problem Solving and Programming in C        | 70             | 25  | 30  | 11  | -              | -   | -   | -   | 100         | 35  | 3                | 1 | - | - | 04            |        |
| 2     | Minor          | T-2         | BAI-102    | Computer Fundamentals and Organization      | 70             | 25  | 30  | 11  | -              | -   | -   | -   | 100         | 35  | 3                | 1 | - | - | 04            |        |
| 3     | GEC            | T-1         | BAI-103    | Mathematics                                 | 70             | 25  | 30  | 11  | -              | -   | -   | -   | 100         | 35  | 3                | 1 | - | - | 04            |        |
| 4     | AEC            | T-1         | BAI-104    | PC Package                                  | 70             | 25  | 30  | 11  | -              | -   | -   | -   | 100         | 35  | 3                | 1 | - | - | 04            |        |
| 5     | Major          | T-2         | BAI-105    | Decoding Data: Learn AI, ML, DS & Analytics | 70             | 25  | 30  | 11  | -              | -   | -   | -   | 100         | 35  | 3                | 1 | - | - | 04            |        |
| 6     | Major          | T-2         | BAI-106    | Programming Lab in C                        | -              | -   | -   | -   | 70             | 25  | 30  | 11  | 100         | 35  | -                | - | 2 | - | 02            |        |
| 7     | Minor          | T-2         | BAI-107    | Lab in PC Package                           | -              | -   | -   | -   | 70             | 25  | 30  | 11  | 100         | 35  | -                | - | 2 | - | 02            |        |
| 8     | AEC            | T-1         | FC-112     | भारतीय मूल परंपरा एवं नैतिक शिक्षा          | -              | -   | -   | -   | -              | -   | -   | -   | -           | -   | -                | - | - | - | -             |        |
| Total |                |             |            |                                             | 350            | 125 | 150 | 55  | 140            | 50  | 60  | 22  | 700         | 245 | 15               | 5 | 4 | - | 24            |        |

MST: Mid Semester Test

CAT: Continuous Assessment Theory    EST: End Semester Theory

ESP: End Semester Practical

CAP: Continuous Assessment Practical

L: Lecture

T: Tutorial

P: Practical

J: Project Work

FC-112: Non- Credit. **Gradable, Necessary to pass the exam to earn the certificate.**