

**CLASS XI (COMMERCE)****SUBJECT – COMPUTER SCIENCE**

| <b>MONTHS</b>    | <b>TOPICS</b>  | <b>ASSIGNMENT/ACTIVITY</b>  |
|------------------|--|---|
| <b>JULY</b>      | 1. Basics of Python and Python Fundamentals  | <ul style="list-style-type: none"><li>• Quiz</li><li>• worksheet</li><li>• Lab activity</li></ul> |
| <b>AUGUST</b>    | 2. Data handling and Conditional and Iterative statements of Python.                         | <ul style="list-style-type: none"><li>• Quiz</li><li>• worksheet</li><li>• Lab activity</li></ul> |
| <b>SEPTEMBER</b> | 3. String Manipulation in Python<br>4. List Manipulation in Python.                          | <ul style="list-style-type: none"><li>• Lab activity</li></ul>                                    |
| <b>OCTOBER</b>   | 5. Tuples and Dictionary.  | <ul style="list-style-type: none"><li>• Lab activity</li></ul>                                    |
|                  | 6. Computer system over view and data representation.<br>7. Boolean Logic program execution. | <ul style="list-style-type: none"><li>• Worksheet</li></ul>                                       |
| <b>NOVEMBER</b>  | 8. Relational database and SQL queries.  | <ul style="list-style-type: none"><li>• Worksheet</li><li>• Lab activity</li></ul>                |
|                  | 9. Cyber Safety and Online Computer security.  | <ul style="list-style-type: none"><li>• Quiz</li><li>• worksheet</li></ul>                        |
| <b>DECEMBER</b>  | 10. MongoDB  | <ul style="list-style-type: none"><li>• Worksheet</li></ul>                                       |
| <b>JANUARY</b>   | <b>11. Revision</b>  | <ul style="list-style-type: none"><li>• Quiz</li><li>• worksheet</li><li>• Lab activity</li></ul> |
| <b>FEBRUARY</b>  | <b>Revision<br/>Term -II</b>   |   |