## **Course Learning Outcomes:**

| CLO1 | Compare various programming language such as object oriented and functional paradigms by analyzing the structure and behaviour of code. (C4, PLO2) | Exam              |
|------|--|-------------------|
| CLO2 | Adapt functional programs to solve computing problems using functional and logic programming language concepts. (P6, PLO3)                         | Practical<br>Test |
| CLO3 | Explain the features of modern non-strict functional languages by comparing their behaviour against the standards of the paradigms. (C2, PLO1)     | Quiz              |

## Alternate assignment

|          | Question Vs Taxonomy |     |    |    |    |     |    |     |
|----------|----------------------|-----|----|----|----|-----|----|-----|
|          | Cognitiv             |     |    |    |    |     |    |     |
| Question | 1                    | 2   | 3  | 4  | 5  | 6   | 7  | PLO |
| No.      | SQ                   | SQ  | SQ | SQ | SQ | SQ  | SQ |     |
| Task 1   |                      |     |    |    |    | 25% |    | 3   |
| Task 2   |                      |     |    |    |    | 15% |    | 3   |
| Task 3   |                      | 10% |    |    |    |     |    | 1   |
| Total    |                      | 10% |    |    |    | 40% |    |     |

|  |  |   | Mark:  |   |
|--|--|---|--|---|
| Fail   | Marginal Fail  | Pass  | Credit   | Distinction   |
| 0-9  | 10-12  | 13-15   | 16-19  | 20-25   |
| <ul> <li>□ Not done</li> <li>□ Irrelevant and illogical implementation</li> <li>□ All solutions: not able to run at all due to errors</li> </ul>   | Some errors noted in every solution Program breaks Inaccurate output   | Correct output but not using appropriate approaches on any solutions  No errors found   | <ul><li>□ Appropriate solutions provided</li><li>□ No errors found</li></ul>   | □ All solutions are appropriate as per requirements     □ No error noted     □ Some advanced techniques observed  |
| 0-4  | 5-7  | 8-9   | 10-11  | 12-15   |
| ☐ Not done ☐ Irrelevant and illogical ☐ All solutions: not able to run at all due to errors  | Some errors noted in every solution Program breaks Inaccurate output   | <ul> <li>□ Correct output but not using appropriate approaches on any solutions</li> <li>□ No errors found</li> </ul>                                   | <ul><li>□ Appropriate solutions provided</li><li>□ No errors found</li></ul>   | <ul> <li>□ All solutions are appropriate as per requirements.</li> <li>□ No error noted</li> <li>□ Some advanced techniques observed</li> </ul>   |
| 0-3  | 4  | 5-6   | 7  | 8-10  |
| <ul> <li>□ Not done</li> <li>□ Irrelevant explanation of programming paradigms as well as concepts</li> <li>□ Very poor quality noticed</li> </ul> | ☐ Partially done ☐ Minor explanation of programming paradigms and/or concepts ☐ Quality of explanation improvement noticed | □ Satisfactory report completed □ Acceptable explanation of programming paradigms and/or concepts □ Quality of explanation noticed with partial mistake | Good report completed Explanation of programming paradigms and/or concepts throughout covered with good presentation including code snippets and outcome samples  Quality of explanation noticed | Excellent report completed Explanation of programming paradigms and/or concepts throughout covered entirely with excellent presentation including code snippets and outcome samples  Quality of explanation noticed |
|  | Not done   Irrelevant and illogical implementation   All solutions: not able to run at all due to errors    O-4            | Not done  | Not done   | Not done  |