



**BHARATI VIDYAPEETH'S  
INSTITUTE OF COMPUTER APPLICATIONS & MANAGEMENT (BVICAM)**

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Course Code: MCA-101

Course Name-Discrete Structures

**Suggested Further Readings (Beyond Book)**

| S. No. | Unit     | Topic                | Book Title   |
|--------|----------|----------------------|--|
| 1.     | Unit I   | Sets and Relations   | <b>Relations and Functions</b><br>Author: I. N. Herstein<br>Latest Edition: 1st Edition<br>Publisher: John Wiley & Sons                              |
| 2.     | Unit I   | Preposition Calculus | <b>A Concise Introduction to Mathematical Logic</b><br>Author: Wolfgang Rautenberg<br>Latest Edition: 3rd Edition<br>Publisher: Springer             |
| 3.     | Unit I   | Combinatorics        | <b>Combinatorial Problems and Exercises</b><br>Author: László Lovász<br>Latest Edition: 2nd Edition<br>Publisher: North-Holland                      |
| 4.     | Unit II  | Posets and Lattices  | <b>Introduction to Lattice Theory with Computer Science Applications</b><br>Author: Vijay K. Garg<br>Latest Edition: 1st Edition<br>Publisher: Wiley |
| 5.     | Unit II  | Boolean Algebra      | <b>Boolean Algebra and Its Applications</b><br>Author: J. Eldon Whitesitt<br>Latest Edition: 1st Edition<br>Publisher: Dover Publications            |
| 6.     | Unit III | Number theory        | <b>Number Theory: An Introduction to Mathematics</b><br>Author: W.A. Coppel<br>Latest Edition: 1st Edition<br>Publisher: Spring                      |
| 7.     | Unit IV  | Graph Theory         | <b>Introduction to Graph Theory</b><br>Author: Robin J. Wilson<br>Latest Edition: 5th Edition<br>Publisher: Pearson                                  |