



## SEMESTER-WISE PLACEMENT TRAINING

A structured eight-semester training plan is strictly followed to progressively develop students aptitude, reasoning, communication, technical, coding and employability skills from the first semester through final placement readiness.

| Semester     | Training Focus                              | Major Training Components                                                                                                                                                                      | Expected Outcome                                                                         |
|--------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| I Semester   | Foundation & Career Awareness               | Basic Quantitative Aptitude; Basic Logical Reasoning; Grammar & Vocabulary; Introduction to Programming; Career & Placement Awareness; Professional Behaviour                                  | Strong foundation in aptitude, reasoning, communication and programming awareness.       |
| II Semester  | Basic Skill Development                     | Arithmetic; Percentages; Profit & Loss; Ratio & Proportion; Averages; Coding-Decoding; Blood Relations; Tenses; Vocabulary; Programming Fundamentals; Arrays & Strings                         | Development of fundamental aptitude, reasoning, English and programming skills.          |
| III Semester | Intermediate Aptitude & Problem Solving     | Time, Speed & Distance; Time & Work; Mixtures; Algebra; Data Interpretation; Seating Arrangement; Puzzles; Reading Comprehension; OOPS; Searching & Sorting; Basic Data Structures             | Improved problem-solving ability and intermediate-level technical competency.            |
| IV Semester  | Advanced Foundation & Technical Development | Permutation & Combination; Probability; Set Theory; Venn Diagrams; Geometry; Advanced Reasoning; DSA; Linked List; Stack & Queue; Trees; Recursion; SQL Fundamentals; Department Core Subjects | Advanced aptitude skills and stronger technical foundation in the respective discipline. |
| V Semester   | Technical Enhancement & Career Preparation  | Advanced Aptitude & DI; Advanced Reasoning; Coding Practice; DSA; SQL Queries; Core Subject Revision; Technical MCQs; Mini Technical Assignments; Resume Building; GD; Presentation Skills     | Students begin structured preparation for actual recruitment processes.                  |

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| VI Semester   | Industry-Oriented Placement Preparation | Full-Length Aptitude Tests; Verbal Ability; Advanced Programming; DSA; OOPS; DBMS; OS; Computer Networks; SQL; Department Technical Training; Resume; GD; HR & Technical Interview Practice                                                       | Readiness for company-level aptitude, technical and interview selection processes.    |
| VII Semester  | Intensive Placement Training            | Company-Specific Aptitude; Full-Length Mock Tests; Coding Tests; DSA Revision; SQL; Basic Dynamic Programming; Core Technical Revision; Resume Finalization; GD; HR & Technical Interviews; Mock Recruitment Drives                               | Students become placement-ready and gain experience with multiple recruitment stages. |
| VIII Semester | Final Placement Readiness               | Company-Specific Tests; Aptitude & Reasoning Revision; Coding & Technical Tests; Core Subject Revision; Project-Based Questions; Resume-Based Questions; HR & Technical Mock Interviews; Professional Communication; Final Mock Recruitment Drive | Final placement readiness for campus and off-campus recruitment opportunities.        |