



SILVER OAK UNIVERSITY

College of Technology (01)

Programme Name: Bachelor of Technology in
AE/CH/CE/CE(MLAI, CC)/CSE(CS)/IT/EC/CL/EE/ME/CSBS

Subject Name: Aptitude Building & Professional Skills - I

Subject Code: 1010343282

Semester: IV

Prerequisite:

1. Basic skills and understanding of Verbal Aptitude,
2. Basic skills and understanding of Logical Reasoning
3. Basic skills and understanding of Quantitative Aptitude

Objective:

The entire objective of the “Aptitude Building & Professional Skills” subject is to develop the basics of the students towards three segments of Aptitude that are Verbal Aptitude, Logical Reasoning and Quantitative Aptitude. The subject is offered in order to make the students industry ready/corporate ready and to help them understand the need to improve on the areas of aptitude.

Teaching and Examination Scheme:

Teaching Scheme					Evaluation Scheme				Total Marks
L	T	P	Contact Hours	Credit	Theory		Practical		
					CIE (TH)	ESE (TH)	CIE (PR)	ESE (PR)	
0	1	0	1	1	0	60*	40*	0	100

* 40 marks CIE (PR) must be task based Exam

* 60 marks MCQ Based ESE (TH) should be conducted jointly by respective departments and Training & Placement Cell.

ESE (TH) Exam will not be conducted by Exam section.

Contents:

Unit No.	Contents	Teaching Hours	Weightage %
1	Importance Of Aptitude Skills	2	10%
2	Problems on Numbers and Ages, Numbers & Series	2	20%
3	Average	2	18%
4	Percentage	2	15%
5	Blood Relation	2	12%
6	Seating Arrangement	2	12%
7	Resume Writing, Group Discussions (With Audio Video)	1	15%
8	Interview Etiquettes	1	10%

Course Outcomes:

Sr. No.	CO statement	Unit No
CO-1	To enhance basic skills related to aptitude i.e. Common methodologies of solving questions related to Verbal Aptitude, Logical Reasoning and Quantitative Aptitude	2,3,4,5,6
CO-2	To create a holistic growth keeping areas of soft skills in mind.	7
CO-3	To understand the use of aptitude in all the spheres of career and prepare for them precisely.	1
CO-4	To speak fluently and develop communication skills.	8

Teaching & Learning Methodology: -

The various methods or tools to teach the above subject:

1. Chalk/Marker & Board based classroom teaching
2. PPT Presentation

List of Tutorials:

Students will solve at least five examples and related theory from each topic as an assignment/tutorial.

1. Problems on: Numbers & Series, Problems on Numbers and Ages.
2. Problems on: Percentage and Average.
3. Problems on: Blood Relation & Seating Arrangement.
4. Problems on: Resume Writing
5. Revision and Worksheet on Reasoning
6. Group Discussions on various topics
7. Worksheet Practice on English

Books Recommended:

1. A Modern Approach to Logical Reasoning by R.S. Aggarwal, S Chand Publishers.
2. Quantitative Aptitude for Competitive Examinations by R.S. Aggarwal, S Chand Publishers.
3. A Modern Approach to Verbal & Non Verbal Reasoning by R.S. Aggarwal, S. Chand Publishers.
4. Quantitative Aptitude for Competitive Examinations, 7th Edition, by Abhijit Guha, McGraw Hill Publications.
5. Word Power Made Easy by Norman Lewis, authorized by Penguin edition.

List of Open Source Software/learning website:

- <https://nptel.ac.in/courses/109/107/109107115/>
- <https://nptel.ac.in/courses/109/107/109107121/>
- <https://nptel.ac.in/courses/109/105/109105110/>
- <https://www.indiabix.com/>
- <https://puzzlefry.com/tag/mathematical-puzzle/>