



SILVER OAK UNIVERSITY

College of Technology

Bachelor of Technology

Information Technology

Course Name: Aptitude Building & Professional Skills - II

Course Code: 1010343381

Semester: 5th

Prerequisite:

Basic skills and understanding of Verbal Aptitude, Logical Reasoning, Quantitative Aptitude

Course Objective:

1. The entire objective of this subject is to prepare students with Aptitude skills so as to make them ready to 'strive to be the best' and 'prepare the best' for their future.
2. The subject is offered in order to make the students industry-ready/corporate-ready and to help them understand the need to improve on their areas of aptitude. Students will make themselves ready for Campus interviews.

Teaching Scheme:

Teaching Scheme				
L	T	P	Contact Hours	Credit
0	1	0	1	1

Contents:

Unit	Topics	Teaching Hours	Weightage %
1	Time and Distance, Time and Work	2	15
2	Simple Interest and Compound Interest	2	15
3	Profit & loss	2	15
4	Calender and Clocks	2	15
5	Volume and Surface Area	2	15
6	HCF, LCM	2	15

7	Communication & Self-Management Training, Group Discussion, Extempore, Personal Introduction and other mode of Presentation for the Communication.	2	10%
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Course Outcomes:

Sr. No.	CO statement	Unit
CO-1	Develop quantitative aptitude skills in order to face the campus interview.	1,2,3
CO-2	Evaluated Mathematical Aptitude skills by providing mock tests and quizzes.	4,5,6
CO-3	Create skills through self-management trainee and upgrade communications skills through mock sessions.	7
CO-4	Analyze their skills through mock discussion, group discussion, extempore, and mock interviews.	7

Teaching & Learning Methodology: -

The various methods or tools to teach the above subject are:

1. Problem-based learning
2. PPT Presentation

List of Tutorials:

Total Hours: 14

Students will solve at least five examples from each topic as an assignment/tutorial and actively participate in activities.

Sr. No.	Practical Name
1	Problems on Time and Distance & Time and Work
2	Problems on: Profit & Loss, C.I. & S.I.
3	Problems on: HCF, LCM
4	. Problems on: Volume and Surface Area
5	Activity: Group Discussion, Extempore.
6	Self-Management Training and Communication Skills training.
7	Practice on: Interview Étiquettes
Students will solve at least five examples and related theories from each topic as an assignment/tutorial.	

Books Recommended:

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

List of Open Source Software/learning website:

1. <https://www.indiabix.com/>
2. <https://puzzlefry.com/tag/mathematical-puzzle/>

CO-PO-PSO Matrix:

CO.NO.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO-1	3		1			2	1		1	3		2	1	1
CO-2	3	2				2	1	1		1		2	1	1
CO-3	2			1	2	1			2	3	1	1	1	2
CO-4	3	2				1	2	1	3	2		1	1	2