



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 - II

Subject Code: 1010343381

Semester: V

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 this subject is to prepare students with Aptitude skills so as to make them ready to 'strive to be the best' and 'preparing the best' for their future. 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. Students will make themselves ready for Campus interviews.

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	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%

Course Outcomes:

Sr. No.	CO statement	Unit No
CO-1	To improve quantitative aptitude skills in order to face the campus interview.	1,2,3,4,5,6
CO-2	To boost Mathematical Aptitude skills by providing mock tests and quizzes.	1,2,3,4,5,6
CO-3	To upgrade communications skills and impart self-management training through mock sessions.	7
CO-4	To enhance participation of students in activities via mock group discussion, extempore and mock interviews.	7

Teaching & Learning Methodology: -

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

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

List of Tutorials:

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

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. Campus interview sessions and practice.

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/>