



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 - III

Subject Code: 1010343382

Semester: VI

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	Problems on Train	2	15%
2	Odd Man Out	2	12%
3	Simplification	2	18%
4	Industry/Corporate Expectation Make students industry ready, explain the impact of formal environment, workplace ethics, manners, how to complete difficult tasks, gap between educational and industrial environment, display professionalism at workplace.	2	15%

5	SOFT SKILLS – Verbal and Non-Verbal Communication, Body language, Role of tone in communication, Communicating properly on formal phone-calls.	2	15%
6	SWOT Analysis, Role play of interviews, Story-telling and Mock Interviews, Writing formal applications, Professional Grooming session.	2	10%
7	Creating LinkedIn profile, social media and interviews, Self-awareness and confidence building for Job opportunities, Professionalism at workplace, Ways to Crack interviews.	2	15%

Course Outcomes:

Sr. No.	CO statement	Unit No
CO-1	To upgrade Verbal Aptitude, Logical Reasoning and Quantitative Aptitude of students	1,2,3
CO-2	To mentor students with the industry expectation.	4
CO-3	To train students in area of soft skills required at workplace.	5,6
CO-4	To train students with accomplishing new ways of job opportunities and cracking interviews.	7

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. Practice on: PROBLEMS ON TRAIN
2. Practice Problems on: ODD MAN OUT
3. Practice Problems on: SIMPLIFICATION
4. Activities and Role play to explain Industry/Corporate Expectations.
5. Activities and Role play to train students in area of soft skills
6. Practice on SWOT Analysis, MOCK interviews.
7. Practice on: INTERVIEW ETIQUETTES

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/>