

Course Code	Course Title	L	T	P	C
BSTS201P	Qualitative Skills Practice - I	0	0	3	1.5
Pre-requisite	NIL	Syllabus version			
		1.0			
Course Objectives:					
<ol style="list-style-type: none"> 1. To enhance the logical reasoning skills of students and improve problem-solving abilities 2. To strengthen the ability of solving quantitative aptitude problems 3. To enrich the verbal ability of the students for academic purposes 					
Course Outcomes:					
<ol style="list-style-type: none"> 1. Become experts in solving problems of quantitative Aptitude 2. Learn to defend and critique concepts of logical reasoning 3. Integrate and display verbal ability effectively 					
Module:1	Lessons on excellence	2 hours			
Skill introspection - Skill acquisition - consistent practice					
Module:2	Thinking Skill	6 hours			
<ul style="list-style-type: none"> • Problem Solving • Critical Thinking • Lateral Thinking Rebus puzzles, and word-link builder questions					
Module:3	Logical Reasoning	6 hours			
<ul style="list-style-type: none"> • Coding and Decoding • Series • Analogy • Odd Man Out • Visual Reasoning 					
Module:4	Sudoku puzzles	3 hours			
Solving introductory to moderate level sudoku puzzles to boost logical thinking and comfort with numbers					
Module:5	Attention to detail	3 hours			
Picture and word driven Qs to develop attention to detail as a skill					
Module:6	Quantitative Aptitude	14 hours			
Speed Maths					
<ul style="list-style-type: none"> • Addition and Subtraction of bigger numbers • Square and square roots • Cubes and cube roots • Vedic maths techniques • Multiplication Shortcuts • Multiplication of 3 and higher digit numbers • Simplifications • Comparing fractions • Shortcuts to find HCF and LCM • Divisibility tests shortcuts 					

Algebra and functions			
Module:7	Verbal Ability	6 hours	
Grammar challenge A practice paper with sentence based and passage-based questions on grammar discussed - Nouns and Pronouns, Verbs, Subject-Verb Agreement, Pronoun-Antecedent Agreement, Punctuations			
Verbal reasoning			
Module:8	Recruitment Essentials	5 hours	
Looking at an engineering career through the prism of an effective resume <ul style="list-style-type: none"> • Importance of a resume - the footprint of a person's career achievements • Designing an effective resume • An effective resume vs. a poor resume • Skills you must build starting today the requisite? • How does one build skills 			
Impression Management Getting it right for the interview: <ul style="list-style-type: none"> • Grooming, dressing • Body Language and other non-verbal signs • Displaying the right behaviour 			
		Total Lecture hours:	45 hours
Text Book(s)			
1.	SMART. (2018). <i>Place Mentor</i> 1 st (Ed.). Chennai: Oxford University Press.		
2.	Aggarwal R.S. (2017). <i>Quantitative Aptitude for Competitive Examinations</i> 3 rd (Ed.). New Delhi: S. Chand Publishing.		
3.	FACE. (2016). <i>Aptipedia Aptitude Encyclopedia</i> 1 st (Ed.). New Delhi: Wiley Publications.		
4.	ETHNUS. (2016). <i>Aptimithra</i> , 1 st (Ed.) Bangalore: McGraw-Hill Education Pvt.Ltd.		
Reference Books			
1.	Sharma Arun. (2016). <i>Quantitative Aptitude</i> , 7 th (Ed.). Noida: McGraw Hill Education Pvt. Ltd.		
Mode of evaluation: CAT, Assessments and FAT (Computer Based Test)			
Recommended by Board of Studies		28-06-2021	
Approved by Academic Council		No. 68	Date 19-12-2022