

<b>GANPAT UNIVERSITY</b>									
<b>FACULTY OF ENGINEERING AND TECHNOLOGY</b>									
Programme		Bachelor of Technology			Branch/Spec.		ALL		
Semester		V			Version		2.0.0.0		
Effective from Academic Year			2016-17		Effective for the batch Admitted in			June 2016	
Subject code		2HS501	Subject Name		APTITUDE SKILL BUILDING I				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total	CE	SEE	Total	
	L	TU	P	TW					
Credit	-	-	1		1	Theory	-	-	-
Hours	-	-	2		2	Practical	50	00	50
Pre-requisites:									
Basic engineering mathematics and English									
Learning Outcome:									
After learning this course each student would be able to:									
<ul style="list-style-type: none"> <li>• Understand and develop basic skill requires to solve fundamental practical problems related to maths</li> <li>• Acquire satisfactory competency in use of two basic skills (Quantitative Ability and Logical Reasoning).</li> <li>• Solve campus placements and various competitive aptitude papers covering Quantitative Ability and Logical reasoning</li> </ul>									
Syllabus									
Unit	Content								Hrs
1	Quantitative ability I : Height and Distance and time problems like trains, boats etc., Algebra, Inequalities and absolute values, Functions-formulas, Sequences, Fractions and Decimals								06
2	Quantitative ability II : Percents, Divisibility and primes, Exponents and roots, Word problems, two variables problems, Rates and work, Ratios, Averages, Allegations and Mixtures, pipes and cistern								06
3	Verbal Reasoning: Vocabulary, Text Completions and Verbal Reasoning, Reading Comprehension, Logical Sequence of Words, Blood Relation Test, Venn Diagrams								06
4	Logical Reasoning: Number Series, Letter and Symbol Series, Artificial Language, Matching Definitions, Logical Problems, Logical Games & Puzzles								06
5	Presentation skill: Preparing a Presentation, Organising the Presentation Material, Writing Your Presentation, Working with Visual Aids, Presenting Data, Managing the Event, Dealing with Questions								04
Text Books									
1.	Aggrawal R.S., "Quantitative Aptitude for Competitive Examinations", S Chand, 20th edition (2013)								
2.	Sharma Arun, "How to Prepare for Verbal Ability and Reading Comprehension for CAT", McGraw Hill Education (India) Private Limited; 2014 edition (2014)								
Reference Books									
1.	GuhaAbhijit, "Quantitative Aptitude for Competitive Examination", McGraw Hill Education India Private Limited, 5th edition (2014)								

2.	Aggrawal R.S., "A Modern Approach to Logical Reasoning", S Chand, 1st edition (2007)
3.	Kumar Ajay, Kumar Anand, "General Aptitude Theory and Practice", Pathfinder Publication, 2016 edition (2016)
4.	GKP, "GATE Engineering & Mathematics General Aptitude 2016", G.K. PUB, 12th edition (2015)
5.	Lewis Norman, "Word Power Made Easy", Goyal, Reprint edition (2011)
6.	Anderson Marilyn, "Critical Thinking, Academic Writing and Presentation Skills: Mg University Edition", Pearson Education; 1st edition (2010)