

GANPAT UNIVERSITY									
FACULTY OF ENGINEERING & TECHNOLOGY									
Programme	Bachelor of Technology			Branch/Spec.	CIVIL Engineering				
Semester	V			Version	2.0.0.0				
Effective from Academic Year	2019-20			Effective for the batch Admitted in	2014-15				
Subject code	2HS 501	Subject Name	APTITUDE SKILL BUILDING 1						
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		1	Practical	35	15	50
Pre-requisites:									
Learning Outcome:									
On successful completion of the course the students will be able to:									
<ul style="list-style-type: none"> • Acquire satisfactory competency in use of two basic skills (Quantitative Ability and Logical Reasoning) • Solve campus placements aptitude papers covering Quantitative Ability and Logical Reasoning 									
Theory syllabus									
Unit	Content						Hrs		
1	Arithmetic Aptitude: Problems on Trains, Time and Distance, Height and Distance, Time and Work, Simple Interest, Compound Interest, Profit and Loss, Partnership, Percentage, Problems on Ages, Calendar, Clock, Average, Area, Volume and Surface Area, Permutation and Combination, Numbers, Problems on Numbers, Problems on H.C.F and L.C.M, Decimal Fraction						6		
2	Data Interpretation: Table Charts, Bar Charts						2		
3	Logical Reasoning Number Series, Letter and Symbol Series, Verbal Classification, Analogies, Artificial Language, Matching Definitions, Making Judgments, Verbal Reasoning, Logical Problems, Logical Games						2		
4	Verbal Reasoning: Logical Sequence of Words, Blood Relation Test, Syllogism, Series Completion, Cause and Effect, Dice, Venn Diagrams, Cube and Cuboid, Analogy						3		
Practical content									
Practical and Term work shall be based on the above mentioned course content.									
Text Books									
1									
Reference Books									
1	Quantitative Aptitude: By R. S. Aggarwal. S. Chand Publishers								

2	A Modern Approach to Logical Reasoning: By R. S. Aggarwal. S. Chand Publishers
3	A Modern Approach To Verbal And Non-Verbal Reasoning: By R. S. Aggarwal. S. Chand Publishers
4	An Advanced Approach To Data Interpretation: By Dr. R. S. Aggarwal. S. Chand Publishers

Note:

Version 1.0.0.0 (First Digit= New syllabus/Revision in Full Syllabus, Second Digit=Revision in Teaching Scheme, Third Digit=Revision in Exam Scheme, Forth Digit= Content Revision)

L=Lecture, TU=Tutorial, P= Practical/Lab., TW= Term work, DT= Direct Teaching, Lab.= Laboratory work

CE= Continuous Evaluation, SEE= Semester End Examination