

GANPAT UNIVERSITY									
FACULTY OF ENGINEERING & TECHNOLOGY									
Programme	Bachelor of Technology				Branch/S pec.	Computer Science & Engineering (CBA/CS/BDA/CSE)			
Semester	V				Version	1.0.0.0			
Effective from Academic Year	2024-25				Effective for the batch Admitted in	June 2022			
Subject code	2CSE509		Subject Name		APTITUDE SKILL DEVELOPMENT				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture (DT)		Practical (Lab.)		Total	CE	SEE	Total	
	L	TU	P	TW					
Credit	2	0	0	0	2	Theory	40	60	100
Hours	2	0	0	0	2	Practical	0	0	0
Pre-requisites:									
Basic knowledge of Mathematics (i.e., Arithmetic, Algebra, Sets, Relations & Mappings, Statistics, Permutations and Combinations, Probability)									
Learning Outcome:									
After completion of the course, student will be able to:									
<ul style="list-style-type: none"> <li>Understand arithmetic and numerical computation techniques</li> <li>Apply logical and verbal techniques to various scenarios</li> <li>Develop logical thinking abilities by practicing for various competitive exams</li> <li>Develop aptitude skills</li> </ul>									
Theory syllabus									
<b>Unit</b>	<b>Content</b>								<b>Hrs</b>
<b>1</b>	<b>Basics of Quantitative Abilities</b> Problems on Number System, Problems on HCF and LCM, Problems on Average, Problems on Ratio and Proportion, Problems on Percentage								<b>8</b>
<b>2</b>	<b>Arithmetic Quantitative Abilities</b> Problems on Ages, Problems on Profit and Loss, Problems on Simple and Compound Interest, Problems on Time and Distance								<b>8</b>
<b>3</b>	<b>Logical Reasoning</b> Number Series, Alphanumeric, Letter & Symbol Series, Numerical and Alphabet Puzzles, Seating Arrangement								<b>8</b>
<b>4</b>	<b>Verbal Reasoning</b> Para – Jumble, Text Completion								<b>6</b>
Text Books									
<b>1</b>	Quantitative abilities by Arun Sharma								
<b>2</b>	Quantitative Aptitude for Competitive Examinations by R S Agrawal								
<b>3</b>	Verbal and Non-Verbal reasoning by R S Agrawal								

Course Outcomes													
COs	Description												
CO1	Understand arithmetic and numerical computation techniques												
CO2	Apply logical and verbal techniques to various scenarios												
CO3	Develop logical thinking abilities by practicing for various competitive exams												
CO4	Develop aptitude skills												
Mapping of CO and PO:													
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
CO1	3	2	2	0	0	0	0	0	1	0	2	0	
CO2	3	2	2	0	0	0	0	0	1	0	2	0	
CO3	3	2	2	0	0	0	0	0	2	0	1	0	
CO4	2	2	0	0	0	0	0	0	1	0	0	0	