GANPAT UNIVERSITY											
FACULTY OF ENGINEERING & TECHNOLOGY											
Programme Bachelor of Science						Branch/Spec.	Nautical Science				
Semester	IV				Version	1.0.0.0					
Effective from	Academ	ic Year		202	21-22	Effective for the batch Admitted in Oct 2020					
Subject code		2HS601			oject Name	t Name   Aptitude Skill Building - II					
		Гeaching	scheme		Examination scheme (Marks)						
(Per week)	Lectu	re (DT)	Practical (Lab.)		Total		CE	SEE	Total		
	L	TU	Р	TW	TOtal		CE	JEE	iotai		
Credit	0	0	1	0	1	Theory	0	0	0		
Hours	0	0	2	0	2	Practical	25	25	50		
Dro-roquicitos						·					

#### Pre-requisites:

### Learning Outcome:

On successful completion of the course the students will be able to:

- Understand and develop more skills that are required to solve fundamental practical problems related to Math's.
- 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

Syllabu	IS	1					
Unit	Content						
1	Quantitative ability I:						
	Averages, weighted averages, median and mode, standard deviation, permutation and combination, probability						
2	Quantitative ability II:	06					
	Area and volume of polygon, cylinders and all other geometry, coordinate and mixed geometry						
3	Verbal Reasoning:						
	Vocabulary, sentence equivalence, Logic based Reading comprehensive, multiple blank text						
	completion						
4	Logical Reasoning:	05					
	Analyzing Arguments, Statement and Assumption, Course of Action, Statement and Conclusion,						
	Theme Detection, Cause and Effect, Statement and Argument, Logical Deduction						
5	Date interpretation:	05					
	Pie Charts, Line Charts, Table Charts, Bar Charts						
	Total	28					
Dractic	ral content						

#### Practical content

# Text Books

- 1 Aggrawal R.S., "Quantitative Aptitude for Competitive Examinations", S Chand, 20th edition (2013)
- 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 Apptitude 2016", G.K. PUB, 12th edition (2015)
- 5. Lewis Norman, "Word Power Made Easy", Goyal, Reprint edition (2011)

#### **Course Outcomes:**

COs	Description
CO1	Understand the basic concepts of QUANTITATIVE ABILITY
CO2	Understand the basic concepts of LOGICAL REASONING Skills

CO3													
	Acquire satisfactory competency in use of VERBAL REASONING												
CO4													
	Solve campus placements aptitude papers covering Quantitative Ability, Logical Reasoning and Verbal Ability												
CO5	Compete in various competitive exams like CAT, CMAT, GATE, GRE, GATE, UPSC, GPSC etc.											-	
					Ma	nning of	CO and	DO.					
Mapping of CO and PO:													
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
CO1	3	3	2	1	2	1	2	1	3	1	1	2	
CO2	3	3	2	1	2	1	2	1	3	1	1	2	
CO3	3	3	2	1	2	1	2	1	1	2	1	2	
CO4	3	3	2	1	2	1	2	1	2	2	1	2	
													4

CO5