AMET
ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University Under Section 3 of UGC Act 1956)

PROGRAMME	All B.E./B.Tech Programmes				
Course Name: Quantitative and verbal aptitude		**L**	**T**	**P**	**C**
		0	2	0	-
Year / Semester	IV Year / VII Semester	Contact hours per week (2 Hrs)			
Prerequisite course	NIL				
Course category	Placement Training				
Course Objective	The sole objective of imparting aptitude training is to make students able to critically evaluate various real-life situations by resorting to an analysis of key issues and factors. This Aptitude Training helps them to demonstrate various principles involved in solving mathematical problems and thereby reducing the time taken for performing job functions.				
Course Outcomes	After completing this training course, students will be able to				
	1. Enhance the Aptitude Round Clearing ability in interview process				
	2. Solve the real-time problems for performing job functions easily				
	3. Interpret the concepts of LOGICAL REASONING Skills				
	4. Acquire satisfactory competency in use of VERBAL REASONING				

Topic	Sub-Topic
Quantitative Aptitude	Data interpretation
	Data graphs (bar graphs, pie charts, and other graphs representing data)
	2- and 3-dimensional plots
	Maps
	Tables
	Numerical computation and estimation
	Ratios
	Percentages
	Powers
	Exponents and logarithms
	Permutations and combinations
	Series

		Mensuration and geometry
		Elementary statistics
		Probability
	Analytical Aptitude	Logic: deduction and induction
		Analogy
		Numerical relations and reasoning
		Logical reasoning
	Spatial Aptitude	Transformation of shapes
		Translation
		Rotation
		Scaling
		Mirroring
		Assembling
		Grouping
		Paper folding
		Cutting
		Patterns in 2 and 3 dimensions

Reference books:
1. Dinesh Khattar - Quantitative Aptitude for Campus Interview Vol-I-Pearson Education (2016)
2. Dinesh Khattar - Quantitative Aptitude for Campus Interview Vol-II-Pearson Education (2016)
3. Jaggan Saneja - Quantitative Aptitude Simplified-Notion Press (2020)
4. Mike Bryon - Verbal Reasoning Test Workbook_ Unbeatable Practice for Verbal Ability, English Usage and Interpretation and Judgement Tests (2008)

TOTAL : 30 Periods