

Subject Code	Subject Name (Lab Courses)	Category	L	T	P	C
GE19621	PROBLEM SOLVING TECHNIQUES	EEC	0	0	2	1

<b>Objectives:</b> Broad objective of this course is	
●	To improve the numerical ability and problem-solving skills.

List of Experiments				
1.	Numbers system			
2.	Reading comprehension			
3.	Data arrangements and Blood relations			
4.	Time and Work			
5.	Sentence correction			
6.	Coding & Decoding, Series, Analogy, Odd man out and Visual reasoning			
7.	Percentages, Simple interest and Compound interest			
8.	Sentence completion and Para-jumbles			
9.	Profit and Loss, Partnerships and Averages			
10.	Permutation, Combination and Probability			
11.	Data interpretation and Data sufficiency			
12.	Logarithms, Progressions, Geometry and Quadratic equations.			
13.	Time, Speed and Distance			
		<b>Contact Hours</b>	<b>:</b>	<b>30</b>

<b>Course Outcomes:</b>	
On completion of the course, the students will be able to	
●	Have mental alertness
●	Have numerical ability
●	Solve quantitative aptitude problems with more confidence.

**CO - PO – PSO matrices of course**

PO/PSO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PSO	PSO	PSO
CO	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	
<b>GE19621.1</b>	2	2	2	2	1	1	-	-	-	-	1	1	2	2	2	
<b>GE19621.2</b>	3	3	2	3	1	1	-	-	-	-	1	1	2	2	2	
<b>GE19621.3</b>	3	3	2	3	1	1	-	-	-	-	1	1	2	2	2	
Average	2.7	2.7	2.0	2.7	1.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0	2.0	2.0	

Correlation levels 1, 2 or 3 are as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

No correlation: “-”