



# ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY

## TRP1401 – REASONING SKILL

### Objectives:

- ✓ To test the student's mental and logical ability.
- ✓ To improve verbal ability skill and communicative skill of the students.
- ✓ To critically think and resolve assumptions, statements and suggest arguments.
- ✓ To enhance the analytical skill and problem-solving skill of the students.
- ✓ To prepare the students for various competitive examinations & professional exams.

### Course outcomes:

After completing this training course, students will be able to

- a) use their logical thinking abilities to solve reasoning questions from company specific and other competitive tests.
- b) enrich their knowledge and to develop their logical reasoning thinking ability.
- c) evaluate important assumptions in the estimation, modeling, and analysis of data, and recognize the limitations of the results.
- d) apply mathematical concepts, data, procedures, and solutions to make judgments and draw conclusions.
- e) synthesize and present quantitative data to others to explain findings or to provide quantitative evidence in support of a position.

Who can undergo this course?

2<sup>nd</sup> year students

### Syllabus:

#### UNIT – I

Logic – Categorical Proposition – Syllogism – Statement and Argument – Assertion and Reason – Logical Diagram.

#### UNIT – II

Word Analogy – Coding and Decoding – Blood Relation – Analytical Reasoning – Seating Arrangement – Sequencing.

#### UNIT – III

Statement and Assumption – Verification of Truth – Spatial Ability – Puzzles – Permutation and Combination – Probability – Clocks – Calendar – Completion of series – Analogy – Finding the Stranger.

### Text Books & References:

1. A New Approach to Reasoning Verbal, and Non-Verbal, B.S.Sijwali & Indu Sijwali, Arihant Publications Pvt Ltd, 2014.
2. General Intelligence and Test of Reasoning, Vikas Experts, S. Chand Publications, 2017.
3. Non-Verbal Reasoning, Srivastava, Vijay Shankar, S. Chand Publications, 2017.
4. A Modern Approach to Verbal & Non Verbal Reasoning, R.S.Aggarwal, S.Chand Publications, 2000.
5. Non-Verbal Reasoning, Stephen McConkey, Learning Together Publications, UK, 2006.

### Course Offered by:

Rohini College of Engineering and Technology, Palkulam, Kanyakumari.

FACULTY HANDLED: **Dr. B.BENISHA** AP/ Biomedical Engineering



ROHINI College of Engineering and Technology

**TRP1401 – REASONING SKILL**



# ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY, PALKULAM

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR (2023-24)

TRAINING AND PLACEMENT ATTENDANCE DETAILS

TRP1401 – REASONING SKILL

S.N o.	Register Number	Student Name	2023 July																	2023 August								
			3	4	5	6	7	8	10	11	11	11	11	2	2	2	2	2	2	2	2	2	3	1	2	3	4	5
1	963322121001	AADHIRA SULEIMA R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	963322121002	ABEESH RAJA D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	963322121003	ABIJITH R R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	963322121004	ABINAYA K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	963322121005	ABINAYA R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	963322121006	AISHWARYA DEVI ML	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	963322121007	AKALYA LEKSHMI S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	963322121008	ANANTHAVALLI S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	963322121009	ANISHA MOLA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	963322121010	ANUSHUYAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	963322121011	ASLIN J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	963322121012	BEAULA SHAMIL C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	963322121	BENI C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P







	030	SHEBERLA M																																																						
31	963322121 031	JESWIN JOE S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
32	963322121 032	JOSHUA T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
33	963322121 033	JOTHI MALAR S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
34	963322121 034	KAMALI K G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
35	963322121 035	KARTHIK H S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	963322121 036	KAVYA M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



**PRINCIPAL**

*[Handwritten Signature]*

**PRINCIPAL**

Rohini College of Engineering & Technology,  
Anugramam Kanyakumari Main Road,  
Paikulam, Vayyoor (P.O.) - 629 401  
Kanyakumari District, Tamil Nadu