

## Course Curriculum

**Course Code:** SKE301

**Course Level** UG

**Course Title** Aptitude and Reasoning Ability

**Course  
Description :**

**Credit Units**

L	T	P/S	SW	AS/DS	FW	No. of PSDA	Total Credit Unit
0	1	0	2	0	0	0	2

## Course Objectives :

SN.	Objectives
1	To enhance the employability skills of students. It aims to improve aptitude, problem solving skills, logical and verbal reasoning of the student.

## Pre-Requisites : General

**SN.** **Course Code** **Course Name**

## Course Contents / Syllabus :

SN.	Module	Descriptors / Topics	Weightage
1	Quantitative Ability	Descriptors/Topics Number Systems, LCM and HCF, Percentages, Profit, Loss and Discount, Interest (Simple and Compound), Speed, Time and Distance, Time and Work, Averages, Ratio and Proportion, Progressions (Sequences & Series), Permutation and Combination, Probability, Set Theory, Mixtures and Allegations, Geometry, Mensuration	25.00
2	Logical Reasoning	Descriptors/Topics Number and Letter Series, Calendars, Clocks, Cubes, Venn Diagrams, Binary Logic, Seating Arrangement, Logical Sequence, Logical Matching, Logical Connectives, Syllogism, Blood Relations	20.00
3	Verbal Ability	Descriptors/Topics Vocabulary Based (Synonyms Antonyms), English Usage or Grammar, Sentence Correction, Primary meanings of words, Secondary shades of meaning, Usage, Idioms and Phrases, Antonyms, Related words, Subject-Verb Agreement, Use of Modifiers, Parallel construction, Redundancy, Phrasal Verbs, Use of Articles, Prepositions, Fill in the blanks, Cloze Passage, Analogies or Reverse Analogies, Jumbled Paragraph, Meaning-Usage Match, Summary Questions, Verbal Reasoning, Reading Comprehension	15.00
4	Verbal Reasoning	Descriptors/Topics Identify relationships or patterns within groups of words or sentences.	20.00
5	Data Interpretation	Tables, Column Graphs, Bar Graphs, Line Charts, Pie Chart, Venn Diagrams, Caselets	20.00

## Course Learning Outcomes :

**SN.** **Course Learning Outcomes**

1	The students should be able to apply the learning in different competitive exams/entrance exams for placement/higher studies
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## Pedagogy for Course Delivery :

**SN.** **Pedagogy Methods**

1	Lecture containing the tips and tricks for solving quantitative aptitude, verbal and non-verbal reasoning.
2	Solution of previous year question papers of industry placement to be used as case study/discussion to demonstrate the application of theory taught.

**Theory /VAC / Architecture Assessment (L,T & Self Work): 0.00 Max : 100**

N/A

**Lab/ Practical/ Studio/Arch. Studio/ Field Work Assessment : 0.00 Max : 100**

N/A

**List of Professional skill development activities :**

No.of PSDA : 0

<b>SN.</b>	<b>PSDA Point</b>
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**Text & References :**

SN.	Type	Title/Name	Description	ISBN/ URL
1	Book	Agarwal. R.S – “Quantitative Aptitude for Competitive Examinations,” S.Chand Limited		
2	Book	Agarwal. R.S – “A Modern Approach to Verbal & Non-Verbal Reasoning”, S.Chand Limited		
3	Book	Abhijit Guha, “Quantitative Aptitude for Competitive Examinations”, Tata McGraw Hill		
4	Book	Edgar Thrope, “Test Of Reasoning for Competitive Examinations”, Tata McGraw Hill		
5	Book	Arun Sharma, “Data Interpretation and logical reasoning for the CAT”, Tata McGraw Hill		