

**ST JOSEPH'S COLLEGE FOR WOMEN (AUTONOMOUS)
VISAKHAPATNAM**

General Education – Analytical Skills

Level of attainment in Analytical Skills done by the Students:

Analytical Skills:

Code: AS3002(2)/AS4002(2)

In III Semester: 78% - Very Good

In IV Semester: 82% - Very Good

Level of attainment measurement

Level of attainment of course outcomes includes both direct and indirect assessments. Direct assessment is done by testing the knowledge and/or skills of the student in that course by conducting standardized examinations. In indirect assessment we use the student feedback on course which is measured on 5 point scale. The sum of these two assessments is shown as the level of attainment of that course.

Assessment of Analytical Skills: The evaluation of 100% of the assessment in Analytical Skills is distributed as follows:

Continuous assessment: 30% (which is online)

Participation & Involvement in the course: 10%

(above 75% attendance will be rewarded)

End semester examination: 60% (which is also online)

Course outcomes of Analytical Skills under General Education offered by Mathematics department:

Outcomes:

- Analytical skills are the ability to visualize, gather information, articulate, analyze, solve complex problems
- Analyze the data from the information collected, and come up with a solution to a problem
- Easily to attempt all types of competitive exams
- The objective of conducting an online examination for Analytical Skills under General Education for II Degree students to equip them with a training in Time-Management and Decision Making for Competitive Exams which are time based
- Analytical skill is the ability to visualize, articulate, and solve both intricate and fundamental problems and concepts, and make decisions that make sense based on available information
- Pre-assessment of analytical-thinking skills
- Survey of analytical skills that are relevant to administrative professionals
- Understanding and adapting your personal problem-solving style
- Uses and abuses of numerical data - knowing what to look for
- Uses and abuses of charts and graphs - avoiding ambiguity and "visual manipulation"
- Detecting logical errors, weak arguments and false conclusions
- Analytical techniques to support decision-making
- Analytical techniques to support risk analysis
- Rapid calculating and estimating techniques
- Tools and techniques for identifying root causes of problems
- Making real-time decisions by rapidly assessing the facts and assumptions
- Identifying logical errors, false conclusions, and unsubstantiated assertions
- Eliciting information from others using tactful and insightful questioning techniques

- Using a structured framework to assist in problem solving
- Detecting and taking definitive action to prevent potential problems