

WBL301 System Thinking Approach and Organisation

Level: 3

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY REGULAR SEMESTER

Synopsis:

System thinking is a critical skill that can be employed in abstracting and solving complex problems faced by organisations. System thinking provides a structured approach to problem-solving in a dynamic environment where change is a constant. This course will teach students the principles behind system thinking, as well as to equip them with analytical methods and tools to solve complex organisational challenges.

Topics:

- Principles of system thinking
- Sense making of the environment
- Abstraction of complexity
- Analysing underlying issues of the complex problems
- Creating focus statement for problem
- System dynamics
- Events redesigning
- Root cause analysis
- Feedback cycles in a system
- Process optimisation and documentation
- Human system
- Limitation of system thinking

Learning Outcome:

- Describe the principles of system thinking behind problem-solving
- Appraise the importance of system thinking to abstract complex problems
- Explain the processes involved in the system thinking approach
- Categorise the respective underlying issues of sub-systems of a system
- Apply system thinking approach to address complexities in environment
- Formulate a plan to solve complex problems faced by organisations

Assessment Strategies - Regular Semester (Evening Class):

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	QUIZ 1	10
	TUTOR-MARKED ASSIGNMENT 1	15
	GROUP BASED ASSIGNMENT 1	25
Overall Examinable	ECA	50

Components	
Total	100

*The information listed is subject to review and change.