

COLLEGEDUNIA

Expected CEED 2027 Syllabus: Part A & Part B (Detailed Guide)

This document presents an expected CEED 2027 syllabus based on recent exam patterns. It is intended for preparation purposes and should be read alongside the official IIT Bombay notification when released.

Exam Structure

Component	Details
Exam Parts	Part A (Computer-Based) + Part B (Offline Drawing & Design)
Duration	Part A: 1 Hour Part B: 2 Hours
Total Marks	250 Marks (Part A:150, Part B:100)
Evaluation	Part B evaluated only after qualifying Part A cutoff

Part A: Expected Syllabus

Topic	What to Study	Priority
Visualization & Spatial Ability	2D/3D transformation, folding, rotation, mirror images, perspective	High
Observation & Design Sensitivity	Hidden figures, pattern recognition, visual analysis, attention to detail	High
Analytical & Logical Reasoning	Series, puzzles, logical deduction, arrangements, coding	High
Creativity	Analogies, symbols, imagination, idea generation	Medium-High
Art & Design Knowledge	Design history, famous designers, products, architecture, modernism	Medium
Language	Reading comprehension, vocabulary, English usage	Medium
Environmental & Social Awareness	Sustainability, culture, society, environment	Medium
Practical & Scientific Knowledge	Materials, mechanics, science in daily life	Low-Medium
Design Methods & Practices	Basic ergonomics, materials, manufacturing processes	Low-Medium

Part B: Expected Syllabus

Skill	What is Evaluated	Preparation Tips
Drawing	Perspective, proportion, human figures, objects	Daily freehand sketching
Creativity	Original ideas and innovation	Generate multiple concepts
Communication	Visual storytelling and annotations	Present ideas clearly
Problem Identification	User needs and design thinking	Practice product redesign
Form & Visual Sensitivity	Composition, balance, aesthetics	Study layouts and compositions

Preparation Roadmap

Months 1–2: Build fundamentals of aptitude, spatial ability, observation, and design awareness.

Months 3–4: Practice Part B sketching daily and solve previous-year questions.

Final Month: Attempt full-length mocks, improve time management, revise weak topics, and maintain a sketchbook for rapid revision.

High-Priority Topics

Visualization & Spatial Ability, Observation & Design Sensitivity, Analytical Reasoning, Drawing, Creativity, and Problem Identification should receive maximum preparation time.

Recommended Resources

- Official CEED previous-year question papers
- Daily sketchbook practice
- Design case studies and product observation
- Mock tests under timed conditions

Disclaimer: This PDF is an expected syllabus guide prepared for aspirants. The official CEED 2027 syllabus and exam details will be released by IIT Bombay.