

KEY HIGHLIGHTS

Problem-Based Learning

Resource person: GuruSetu faculty facilitator (not identified) | Higher-education faculty member describing first-year engineering PBL practice; the published video metadata and transcript leave the facilitator unnamed.

Problem-Based Learning | Active Learning Strategies | pedagogy

- 01 Begin with a problem that gives students a clear reason to learn.
- 02 Give novices the prerequisite material they need before asking them to work through uncertainty.
- 03 Set a real problem at a level the class can manage.
- 04 Use teams and check each student's understanding and contribution separately.
- 05 A project shared across courses can connect subjects and spread the design work among faculty.
- 06 Assess the individual, the team process and the final artefact as separate forms of evidence.
- 07 For PBL to last, institutions must recognise the time it takes and help faculty focus on essential content.