

Rubrics for Problem-Based Learning Assessment

Criteria	Excellent (Full Marks)	Good (75% Marks)	Satisfactory (50% Marks)	Needs Improvement (25% Marks)	No Attempt (0 Marks)
Problem Identification and Definition (2 Marks)	Clearly identifies and defines the problem with strong justification and relevance.	Identifies and defines the problem with some justification.	The problem is identified but lacks clarity or justification.	The problem is vague or not well defined.	No problem identified.
Novelty of the Project (4 Marks)	Highly innovative, demonstrating a unique and original approach with strong impact.	Some level of innovation, with improvements over existing solutions.	Moderate novelty, but largely based on existing ideas.	Minimal novelty, largely replicating existing work.	No innovation or novelty.
Methodology (4 Marks)	Well-structured methodology, appropriate techniques, and thorough execution.	Good methodology with minor gaps in execution.	Acceptable methodology but lacks depth or consistency.	Weak methodology with major gaps or unclear execution.	No clear methodology.
Presentation (5 Marks)	Highly engaging, clear, and well-structured with strong delivery and visuals.	Good presentation, mostly clear with some minor weaknesses.	Satisfactory presentation but lacks engagement or clarity.	Weak presentation with poor structure and delivery.	No presentation given.
Report (5 Marks)	Follows IEEE format perfectly with strong technical writing and clear organization.	Mostly follows IEEE format with minor errors.	IEEE format followed but with several inconsistencies.	Poor adherence to IEEE format with major issues.	No report submitted or does not follow IEEE format.