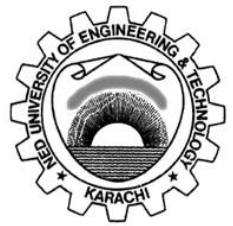




Department of Metallurgical Engineering  
MY-408: Metallurgical Engineering Project



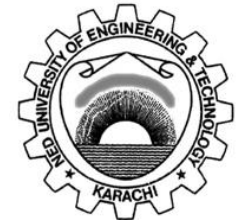
**RUBRIC FOR EVALUATION OF FYP PROPOSAL DEFENSE PRESENTATION**

|   |                           |                      |                                   |
|---|---------------------------|----------------------|-----------------------------------|
| <b>Department</b>                         | Metallurgical Engineering | <b>Batch</b>         |                                   |
| <b>Student Name</b>                       |                           | <b>Course Code</b>   | MY-408                            |
| <b>Name of Project/<br/>Co Supervisor</b> |                           | <b>Course Title</b>  | Metallurgical Engineering Project |
| <b>Student Roll No</b>                    |                           | <b>Project Title</b> |                                   |
| <b>Group No</b>                           |                           | <b>Semester</b>      |                                   |

| S. No. | Components               | Level of Achievement  |  |   |  |
|--------|--------------------------|---|--|---|--|
|        |                          | (4)   | (3)  | (2)   | (1)  |
| 1.     | <b>Subject Knowledge</b> | Student has presented full knowledge of both problem and solution. Answers to questions are strengthened by rationalization and explanation.              | Student has competent knowledge and is at ease with information. Can answer questions but without rationalization and explanation.             | Student is uncomfortable with information. Can answer basic questions only.   | Student has no knowledge of both problem and solution. Cannot answer basic questions.                      |
| 2.     | <b>Problem Statement</b> | Problem statement is stated and covers sufficient justification with reference to the literature review. New reader can understand its value and context. | Problem statement is stated and covers necessary justification with reference to the literature review.  | Problem statement is stated but lacks necessary justification with reference to the literature review.  | Problem statement is stated but not entirely clear.  |
| 3.     | <b>Literature Review</b> | Literature review is excellently written according to the scientific writing standards and covers maximum of the research papers related to project.      | Literature review provides a good background and details of the literature. But, it is not written in scientific writing standards for review. | Literature review provides a reasonable description of the project background and its significance. Number of research papers needs to be added more. | Literature Review is written in an ordinary way. Research papers material is not at all clear to a reader. |



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|    |                                      |  |  |  |  |
|----|--------------------------------------|--|--|--|--|
| 4. | <b>Project Overview, Methodology</b> | The methods, approaches, tools, techniques & other aspects of the solution are sufficiently discussed with details and supporting figures. | The methods, approaches, tools, techniques & other aspects of the solution are sufficiently discussed. | The methods, approaches, tools, techniques & other aspects of the solution are discussed but not in a convincing manner. Much is left to the readers' imagination. | The approach that will be taken to solve the problem is not discussed.     |
| 5. | <b>Novelty and Creativity</b>        | The proposed project is novel and creative. The project solves complex engineering problem.  | The proposed project is novel to some extent. The project solves complex engineering problem.          | Details of the project novelty are discussed. The novelty of the proposed project is marginal.   | The proposed project is not novel & creative. The project appears trivial. |

| S.NO.  | PLO   | Description  | Level of Achievement       |                            |                            |                            | Score |
|--|---|--|----------------------------|----------------------------|----------------------------|----------------------------|-------|
|  |   |  | (1-4)                      |                            |                            |                            |       |
| 1.   | <b>PLO-2:</b> Problem Analysis                  | Subject Knowledge                                    | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> |       |
| 2.   | <b>PLO-6:</b> The Engineer & Society            | Problem Statement                                    | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> |       |
| 3.   | <b>PLO-2:</b> Problem Analysis                  | Literature Review                                    | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> |       |
| 4.   | <b>PLO-3:</b> Design / Development of Solutions | Project Overview, Methodology                        | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> |       |
| 5.   | <b>PLO-12:</b> Lifelong Learning                | Novelty and Creativity                               | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> |       |
| [Note that the score for the proposal defense presentation is worth 10% of the final mark for the project. Project supervisor or project Co supervisor will evaluate 20 marks for proposal defense presentation in 7 <sup>th</sup> semester] |   |  | Total Score (out of 20)    |                            |                            |                            |       |
| <b>Name of Project Supervisor/Co Supervisor</b>  |   | <b>Signature of Project Supervisor/Co Supervisor</b> |                            | <b>Date</b>                |                            |                            |       |