EVALUATION RUBRIC: PROPOSAL PRESENTATION

School of Engineering Education

**(Draft for Piloting, Feb 28, 2009)**

Candidate Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_

Title of Dissertation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Evaluation/Guidance** | **Needs Significant Improvement** | **Needs Improvement** | **Acceptable** | **Very Good** | **Excellent** |
| 1. **Problem Definition:** States the research problem clearly, providing motivation for undertaking the research |  |  |  |  |  |
| 2. **Literature and Previous Work:** Demonstrates sound knowledge of literature in the area, and of prior work on the specific research problem |  |  |  |  |  |
| 3. **Impact of Proposed Research:** Demonstrates the potential value of solution to the research problem in advancing knowledge within the area of study |  |  |  |  |  |
| 4. **Solution Plan:** Provides a sound plan for applying state-of-the-field research methods/tools to solving the defined problem and shows a good understanding of how to use methods/tools effectively |  |  |  |  |  |
| 5. **Expected Results:** Provides a sound plan for analyzing and interpreting research results/data |  |  |  |  |  |
| 6. **Quality of Written and Oral Communication:** **(a)** Communicates research proposal clearly and professionally in both (a) **written** and (b) **oral** form **(b)** |  |  |  |  |  |
|  |  |  |  |  |
| 7. **Critical Thinking:** Demonstrates capability for independent research in the area of study, preparedness in core disciplines relevant to research, and ability to complete the proposed research |  |  |  |  |  |
| 8. **Broader Impact:** Demonstrates awareness of broader implications of the proposed research. Broader implications may include social, economic, technical, ethical, business, etc. aspects. |  |  |  |  |  |

**Overall Assessment:** The assessment of the overall performance of the candidate based

on the evidence provided in items 1 – 8 above.

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| **CRITERIA** | **PERFORMANCE RATINGS** | | | | |
| **Does NOT PASS PRELIMINARY Exam** | **Passes PRELIMINARY Exam** | | | |
| **OVERALL, my rating of the PERFORMANCE** | **Needs Significant Improvement** | **Needs Improvement** | **Acceptable** | **Very Good** | **Excellent** |
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Name of the Examining Committee Member: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of the Examining Committee Member: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_