**Form 6c:** **SENIOR DESIGN PROJECT (MIE 499)**

**EVALUATION (By Supervisor)**

**Semester:** ………………………………………………………………………………

**Project Title.**………………………………………… ………………...…...………….

**Student Name:**…………………………………………………**ID No.**:………………

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| --- | --- | --- | --- | --- | --- | --- |
| **SLO** | **KPI No.** | **KPI Description** | | **Marks** | | |
| **Maximum** | **Obtained** | |
| a | 1 | Applying mathematical and scientific principles to formulate models and systems relevant to mechanical engineering | | 7 |  | |
| 3 | Performing calculations and analyzing the results | |
| b | 7 | Operation of instrumentation and process equipment | | 7 |  | |
| 8 | The analysis and interpretations of data using appropriate theory | |
| c | 9 | Developing a design strategy | | 5 |  | |
| 11 | Understanding how areas interrelate and demonstrates ability to integrate prior knowledge into a new problem | |
| d | 17 | Motivating participation among all team members | | 5 |  | |
| 18 | Conflict Resolution | |
| e | 20 | The step by step understanding of how various pieces of the problem relate to each other and the whole | | 7 |  | |
| 21 | The integration of new information with previous knowledge | |
| f | 23 | Ethical behavior among peers and faculty | | 5 |  | |
| 25 | The use of personal value system to support actions, and the understanding of the role of professional ethical standards for corporate decisions | |
| g | 27 | The organization of the written materials | | 5 |  | |
| 28 | The presentation of the written work and grammar and spelling | |
| h | 34 | Technical periodicals | | 5 |  | |
| 36 | Designing the products involving environment consideration | |
| i | 37 | Continuous improvement | | 4 |  | |
| 39 | Participation in professional and technical societies | |
| j | 41 | Participation in conferences, research exhibitions | | 4 |  | |
| 43 | Self Study assessment | |
| k | 45 | Simulation Tools | | 6 |  | |
| 46 | Seeking information | |
|  |  | **TOTAL** | | **60** |  | |
| **Supervisor Name:** | | | **Approved by** | | |
| **Signature:** | | | **HoD Signature:** | | |
| **Date:** | | | **Date:** | | |