**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:** |