**Department of Electrical Engineering**

**College of Electrical and Mechanical Engineering**

**National University of Sciences and Technology**

**EE-498 / EE-499 Senior Design Project – Synopsis Defense Presentation Assessment Form**

**STUDENTS TO FILL IN THE PARTICULARS BELOW, MAKE COPIES & HAND TO EVALUATION PANEL MEMBER(S):**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title:** | **Auto parking of a vehicle using supervised learning** | | **Advisor &**  **Co-Advisor:** | **Dr. Muwahida Liaquat** | |
| **Name:** | Mazahir Hussain | Mustaqeem Ashraf | Shamsa Kanwal | | Tooba Anwar |
| **Reg. No.** | 280865 | 246700 | 280790 | | 280794 |
| **CPGA:** | 2.72 | 3.66 | 3.28 | | 3.07 |
| **Photograph:** |  |  |  | |  |

**TO BE FILLED BY PANEL MEMBER:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Criteria** | | **Marks Obtained by**  **Each Student** | | | |
| **PLO 2 (Problem Analysis): C4 (Analyzing)** | | **1** | **2** | **3** | **4** |
| Sufficient literature / market / competitor survey done, and the information appropriately interpreted and linked with the proposed project **(8 – 10)** | |  |  |  |  |
| Insufficient survey conducted but the problem is appropriately analyzed **(4 – 7)** | |
| Neither the survey is up to par nor is the analysis of the problem clear **(0 – 3)** | |
| **PLO 4 (Investigation): C2 (Understanding)** | | **1** | **2** | **3** | **4** |
| Proposed objectives are clear, technically feasible and realistically achievable **(8 – 10)** | |  |  |  |  |
| Objectives are clear but not technically feasible **(4 – 7)** | |
| Objectives are vague and / or unachievable **(0 – 3)** | |
| **PLO 9 (Individual and Team Work): C3 (Applying)** | | **1** | **2** | **3** | **4** |
| Roles of group members (including team lead / coordinator) are clearly defined **(8 – 10)** | |  |  |  |  |
| The team is formulated but the roles are not well defined **(4 – 7)** | |
| There is absolutely no structure to the team **(0 – 3)** | |
| **PLO 10 (Communication): A3 (Valuing)** | | **1** | **2** | **3** | **4** |
| Good selection of presentation slides and explanation is clear and highly convincing. Able to answer questions well **(8 – 10)** | |  |  |  |  |
| Presentation slides are reasonable and explanation is understandable. Questions are answered fairly well **(4 – 7)** | |
| Presentation is difficult to comprehend. Questions are not appropriately handled **(0 – 3)** | |
| **PLO 12 (Lifelong Learning): A3 (Valuing)** | | **1** | **2** | **3** | **4** |
| The tools and techniques to be used are clearly outlined, and help towards self-learning with clearly defined educational outcomes **(8 – 10)** | |  |  |  |  |
| Student are uncertain about the exact tools or techniques to be used but are willing to explore along the way **(4 – 7)** | |
| Student has no idea about the tools or techniques to be used in the project, and there is no willingness to self-learn **(0 – 3)** | |
| **PLO 11 (Project Management): C3 (Applying)** | | **1** | **2** | **3** | **4** |
| Student is clear on the steps to be taken to solve the problem, and the timeline is clearly planned out **(8 – 10)** | |  |  |  |  |
| Student is clear on the steps to be taken to solve the problem however the suggested plan is not practical **(4 – 7)** | |
| Student has a vague or no idea of what to do. Project planning is inadequate **(0 – 3)** | |
| **Total Marks (Out of 60)** | |  |  |  |  |
| **Evaluator Name:** |  | | **Date:** |  | |
| **Comments:** |  | | **Sign:** |  | |