**Mark Distribution of Final Defense for Thesis/Project**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Batch** |  | **Semester** |  | **Date of Defense** |  |

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| --- | --- | --- | --- | --- | --- | --- |
| **Si** | **Student ID** | **Slid Preparation  (5)** | **Presentation**  **(5)** | **Appearance**  **(5)** | **Q &A**  **(5)** | **Total**  **(20)** |
| 1 | 19203002 |  |  |  |  |  |
| 2 | 19203017 |  |  |  |  |  |
| 3 | 19203019 |  |  |  |  |  |
| 4 | 19203022 |  |  |  |  |  |
| 5 | 20103002 |  |  |  |  |  |
| 6 | 20103003 |  |  |  |  |  |
| 7 | 20103004 |  |  |  |  |  |
| 8 | 20103005 |  |  |  |  |  |
| 9 | 20103006 |  |  |  |  |  |
| 10 | 20103008 |  |  |  |  |  |
| 11 | 20103009 |  |  |  |  |  |
| 12 | 20103010 |  |  |  |  |  |
| 13 | 20103015 |  |  |  |  |  |
| 14 | 20103016 |  |  |  |  |  |
| 15 | 20103017 |  |  |  |  |  |
| 16 | 20103021 |  |  |  |  |  |
| 17 | 20103023 |  |  |  |  |  |
| 18 | 20103024 |  |  |  |  |  |
| 19 | 20103025 |  |  |  |  |  |
| 20 | 20103026 |  |  |  |  |  |
| 21 | 20103027 |  |  |  |  |  |
| 22 | 20103029 |  |  |  |  |  |
| 23 | 20103030 |  |  |  |  |  |
| 24 | 20103032 |  |  |  |  |  |
| 25 | 20103033 |  |  |  |  |  |

**Signature with date and seal**

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|  |  |  |  |  |  |  |
| **Supervisor-1** | **Supervisor-2** | **Supervisor-3** | **Supervisor-4** | **Supervisor-5** | **Supervisor-6** | **Supervisor-7** |

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|  |  |  |  |  |  |  |
| **External** | |  |  |  | **Chairman** | |

**Final Mark Sheet for Final Year Project/Thesis**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Batch** |  | **Semester** |  | **Date of Defense** |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Si** |  | | **Proposal** | **Progress Present** | **Report** | | | |  |  |  | **Defense** | **Total** |
| **Student ID** | **PO** | **PO2** | **PO9** | **PO3** | **PO4** | **PO5** | **PO6&7** | **PO8** | **PO11** | **PO12** | **PO10** | **100** |
| **CO** | **CO1** | **CO8** | **CO2** | **CO3** | **CO4** | **CO5&6** | **CO7** | **CO10** | **CO11** | **CO9** |
| **Marks** | **10** | **15** | **25** | **5** | **5** | **5** | **5** | **5** | **5** | **20** |
| 1 | 19203002 | |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 19203017 | |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 19203019 | |  |  |  |  |  |  |  |  |  |  |  |
| 4 | 19203022 | |  |  |  |  |  |  |  |  |  |  |  |
| 5 | 20103002 | |  |  |  |  |  |  |  |  |  |  |  |
| 6 | 20103003 | |  |  |  |  |  |  |  |  |  |  |  |
| 7 | 20103004 | |  |  |  |  |  |  |  |  |  |  |  |
| 8 | 20103005 | |  |  |  |  |  |  |  |  |  |  |  |
| 9 | 20103006 | |  |  |  |  |  |  |  |  |  |  |  |
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| 19 | 20103025 | |  |  |  |  |  |  |  |  |  |  |  |
| 20 | 20103026 | |  |  |  |  |  |  |  |  |  |  |  |
| 21 | 20103027 | |  |  |  |  |  |  |  |  |  |  |  |
| 22 | 20103029 | |  |  |  |  |  |  |  |  |  |  |  |
| 23 | 20103030 | |  |  |  |  |  |  |  |  |  |  |  |
| 24 | 20103032 | |  |  |  |  |  |  |  |  |  |  |  |
| 25 | 20103033 | |  |  |  |  |  |  |  |  |  |  |  |

**Signature with date and seal**

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| **Supervisor-1** | **Supervisor-2** | **Supervisor-3** | **Supervisor-4** | **Supervisor-5** | **Supervisor-6** | **Supervisor-7** |

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|  |  |  |  |  |  |  |
| **External** | |  |  |  | **Chairman** | |

1. **Statement of Course Outcome and Mapping**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO No | CO Statement | PO | BL | K | P | A | Delivery  M & A | Assessment Tools |
| CO1 | **Research literature** and critically analyses the existing solution methods using specialized engineering knowledge. | PO2 | C4 | K4 | - | - | Demonstration  Tutorial  Group work | Proposal |
| CO2 | **Develop probable solutions** of complex engineering problem that meet specified needs with appropriate consideration for public health and safety, culture, societal and environmental considerations. | PO3 | C6 | K5 | P1 P3  P4  P7 | - | Demonstration  Tutorial  Group work | Report (Final Design & Result) |
| CO3 | **Conduct investigations** of complex problems (using research-based knowledge (K8) and research methods) to provide valid conclusions. | PO4 | C4 | K8 | P2 |  | Demonstration  Tutorial  Group work | Report  (Literature review & Methodology) |
| CO4 | **Use modern tools** for prediction and modeling of complex engineering problems considering the practice in electrical and electronic engineering. | PO5 | P4 | K6 | P1 |  | Demonstration  Tutorial  Group work | Report (Use of modern tools) |
| CO5 | **Apply reasoning to** assess societal, health, safety, legal and cultural issues relevant to professional engineering practice and solutions to complex engineering problems. | PO6 | A3 |  | P1  P5 |  | Demonstration  Tutorial  Group work | Report  (Discussion & Conclusion) |
| CO6 | **Evaluate sustainability** of solution of complex engineering problems considering society and environment issues. | PO7 | C5 | K7 | P1  P2  P6 |  | Demonstration  Tutorial  Group work | Report (Discussion & Conclusion) |
| CO7 | **Demonstrates professional ethics** and norms of engineering practices. | PO8 | A5 |  |  |  | Demonstration  Tutorial  Group work | Report  (Checking Plagiarism & originality) |
| CO8 | **Displays** good interpersonal skills as a member/leader of a team. | PO9 | A2 |  |  |  | Demonstration  Tutorial  Group work | Progress Presentation/Viva |
| CO9 | **Perform effective oral presentation** on complex engineering activities showing some definite involvement or commitment. | PO10 | A2 |  |  | A2  A4 | Demonstration  Tutorial  Group work | Final Defense  (Oral Presentation) |
| CO10 | **Demonstrate** competency in completing individual research/project based on relevant management principles and economic model. | PO11 | A5 |  |  |  | Demonstration  Tutorial  Group work | Report  (Millstone Evaluation) |
| CO11 | **Develop** the feeling to engage in independent learning of new things for better future. | PO12 | A4 |  |  |  | Demonstration  Tutorial  Group work | Report |