**Mark Distribution of Final Defense for IDP-I/II**

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Si** | **Student ID** | **Slid Preparation  (5)** | **Presentation**  **(5)** | **Appearance**  **(5)** | **Q &A**  **(5)** | **Total**  **(20)** |
| 1 | 812020205131009 |  |  |  |  |  |
| 2 | 812110205131004 |  |  |  |  |  |
| 3 | 812110205131009 |  |  |  |  |  |
| 4 | 812110205131015 |  |  |  |  |  |
| 5 | 812120105131021 |  |  |  |  |  |
| 6 | 812120205131001 |  |  |  |  |  |
| 7 | 812120205131003 |  |  |  |  |  |
| 8 | 812120205131004 |  |  |  |  |  |
| 9 | 812120205131005 |  |  |  |  |  |
| 10 | 812120205131006 |  |  |  |  |  |
| 11 | 812120205131008 |  |  |  |  |  |
| 12 | 812120205131010 |  |  |  |  |  |
| 13 | 812120205131012 |  |  |  |  |  |
| 14 | 812120205131013 |  |  |  |  |  |
| 15 | 812120205131014 |  |  |  |  |  |
| 16 | 812120205131015 |  |  |  |  |  |
| 17 | 812120205131016 |  |  |  |  |  |
| 18 | 812120205131017 |  |  |  |  |  |
| 19 | 812120205131018 |  |  |  |  |  |
| 20 | 812120205131019 |  |  |  |  |  |

**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 IDP I/II**

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

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| **Si** |  | | **Proposal** | **Progress Present** | **Project Show** | | **Report** | | | | **Defense** | **Total** |
| **Student ID** | **PO** | **PO4** | **PO9** | **PO5** | **PO6** | **PO3** | **PO8** | **PO11** | **PO12** | **PO10** | **100** |
| **CO** | **CO2** | **CO6** | **CO3** | **CO4** | **CO1** | **CO4** | **CO8** | **CO9** | **CO7** |
| **Marks** | **5** | **15** | **10** | **20** | **15** | **5** | **5** | **5** | **20** |
| 1 | 812020205131009 | |  |  |  |  |  |  |  |  |  |  |
| 2 | 812110205131004 | |  |  |  |  |  |  |  |  |  |  |
| 3 | 812110205131009 | |  |  |  |  |  |  |  |  |  |  |
| 4 | 812110205131015 | |  |  |  |  |  |  |  |  |  |  |
| 5 | 812120105131021 | |  |  |  |  |  |  |  |  |  |  |
| 6 | 812120205131001 | |  |  |  |  |  |  |  |  |  |  |
| 7 | 812120205131003 | |  |  |  |  |  |  |  |  |  |  |
| 8 | 812120205131004 | |  |  |  |  |  |  |  |  |  |  |
| 9 | 812120205131005 | |  |  |  |  |  |  |  |  |  |  |
| 10 | 812120205131006 | |  |  |  |  |  |  |  |  |  |  |
| 11 | 812120205131008 | |  |  |  |  |  |  |  |  |  |  |
| 12 | 812120205131010 | |  |  |  |  |  |  |  |  |  |  |
| 13 | 812120205131012 | |  |  |  |  |  |  |  |  |  |  |
| 14 | 812120205131013 | |  |  |  |  |  |  |  |  |  |  |
| 15 | 812120205131014 | |  |  |  |  |  |  |  |  |  |  |
| 16 | 812120205131015 | |  |  |  |  |  |  |  |  |  |  |
| 17 | 812120205131016 | |  |  |  |  |  |  |  |  |  |  |
| 18 | 812120205131017 | |  |  |  |  |  |  |  |  |  |  |
| 19 | 812120205131018 | |  |  |  |  |  |  |  |  |  |  |
| 20 | 812120205131019 | |  |  |  |  |  |  |  |  |  |  |

**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**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO No | CO Statement | PO | BL | K | P | A | Delivery  M & A | Assessment Tools |
| CO1 | **Design 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 P7 | - | Demonstration  Tutorial  Group work  Simulation  Lab Work | Report |
| CO2 | **Conduct investigations** of complex problems (using research-based knowledge (K8) and research methods) to provide valid conclusions. | PO4 | P3 | K8 | P1 P2  P4 |  | Demonstration  Tutorial  Group work | Report |
| CO3 | **Create relevant resources** for complex engineering problems using modern engineering tools. | PO5 | P4 | K6 | P1  P3  P5 |  | Tutorial  Group work  Simulation  Lab Work | Project Show |
| CO4 | **Design solution** for complex engineering problem in accordance with professional practices. | PO6 | A3 | K7 | P1  P6 |  | Tutorial  Group work  Simulation  Lab Work | Project Show |
| CO5 | **Demonstrates professional ethics** and norms of engineering practices. | PO8 | A3 |  |  |  | Demonstration | Report  (Checking Plagiarism) |
| CO6 | **Perform** effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings. | PO9 | A3 |  |  |  | Demonstration  Tutorial  Group work | Progress Presentation/Final Defense, Viva |
| CO7 | **Perform effective oral presentation** on complex engineering activities showing some definite involvement or commitment. | PO10 | A3 |  |  | A1-  A5 | Demonstration  Tutorial  Group work | Oral Presentation  (In final defense) |
| CO8 | **Apply engineering management** principles and economic decision making to solve engineering projects as a Team/Individual. | PO11 | C4 |  |  |  | Demonstration  Tutorial  Group work | Report  (Millstone Evaluation) |
| CO9 | **Develop** the ability to engage in independent learning of new things for project development. | PO12 | A4 |  |  |  | Demonstration  Tutorial  Group work | Report |