# FYDP Evaluation Rubrics

## Rubric for FYDP Proposal

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Grading of FYDP Proposal (7th/Fall Semester) (Weightage - 6%)**

**Project Title**:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No** | **Student Name** | **Roll No.** | **I****Problem Identification and Objectives****(3)** | **II****Relevance to SDGs****(3)** | **III****Proposed Methodology****(3)** | **IV****Work Plan****(3)** | **Weighted Average Score****(12)** |
|  |  |  | **PLO-2 (%)** | **PLO-7 (%)** | **PLO-3 (%)** | **PLO-11 (%)** |  |
| **1** |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |

Use Rubric FYDP-OBE-01 for each student.

***Weighted Average Score = [PLO-2 (%)\*3+ PLO-7 (%)\*3+ PLO-3 (%)\*3+ PLO-11 (%)\*3]/100***

**Head of FYDP Steering Committee**

1

**FYDP-OBE-01**

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Rubric for Project Proposal (7th/Fall Semester) (Weightage - 6%)**

Student Name:

Roll No.:

|  |  |
| --- | --- |
| **Criterion** | **Levels of Attainment (%)** |
|  | **Unacceptable (0)** | **Just acceptable (25)** | **Average (50)** | **Good (75)** | **Excellent (100)** |
| **I****Problem Identification and Objectives** | The problem statement is not given and/or objective is not stated at all. | The problem statement and objectives are not suitably described. | The problem statement and objectives are just described. | The problem statement and objectives are clearly described. | The problem statement and objectives are well- structured and clearly described. |
| **II****Relevance to SDGs** | No relevance to SDGs established. | Some relevance to SDGs without any clear link. | Reasonable consideration of SDGs and their linkage with the proposed work. | Clear relevance between the project work and SDGs established. | Relevance to SDGs is clearly established with appropriate consideration for relevant SDGs. |
| **III****Proposed Methodology** | Not defined in the proposal. | Proposed methodology is marginally practical and relevant to the project objectives. | Proposed methodology is reasonably practical and relevant to the project objectives. | Proposed methodology is technically practical and relevant to the project objectives. | Proposed methodology is well-structured and highly relevant to the project objectives. |
| **IV****Work Plan** | Does not have a timeline for different phases of the project. | Has developed a timeline but cannot clearly describe the different activities of the work and corresponding timelines. | Has developed a timeline and can describe the different activities of the work and corresponding timelines with minimal prompting from peers. | Has developed a timeline describing when most parts of the work will be done. Student can describe the different activities of the work and corresponding timelines. | Developed a reasonable, complete timeline describing when different parts of the work will be done. Student can clearly and confidently describe the timeline with milestones. |

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## Rubric for Semester 1 Progress

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Grading of Semester 1 (7th/Fall Semester) Progress (Weightage - 10%)**

**Project Title**:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No** | **Student Name** | **Roll No.** | **I****Intellectual Contribution****(5)** | **II****Attendance****(5)** | **III****Coherence with group****(5)** | **IV****Response to Questions****(5)** | **Weighted Average Score****(20)** |
|  |  |  | **PLO-2** | **PLO-8** | **PLO-9** | **PLO-10** |  |
| **1** |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |

Use Rubric FYDP-OBE-02 for each student.

***Weighted Average Score = [PLO-2 (%)\*5+ PLO-8 (%)\*5+ PLO-9 (%)\*5+ PLO-10 (%)\*5]/100***

**FYDP Supervisor**

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Rubric for Semester 1 (7th/Fall Semester) Progress (Weightage - 10%)**

**FYDP-OBE-02**

Student Name:

Roll No.:

|  |  |
| --- | --- |
|  | **Levels of Attainment (%)** |
|  | **Unacceptable (0)** | **Just acceptable (25)** | **Average (50)** | **Good (75)** | **Excellent (100)** |
| **I****Intellectual Contribution** | Doesn’t contribute to the project work and does not show understanding of the different project attributes. | Barely participates in the project activities and shows some understanding of the different project attributes. | Contributes in some activities of the project and shows reasonable understanding of the different project attributes. | Contributes effectively in majority of the project activities and has good understanding of the complex project attributes. | Enthusiastic and contributes in all activities of the project and demonstrates very good understanding of the complex project attributes. |
| **II****Attendance** | To be taken from Attendance Proforma maintained by the Supervisor |
| **III****Coherence with group** | Non-cooperative. | Rarely contributes in group discussions and not a good team member. | Sometimes contributes useful ideas in group discussions and a satisfactory group member. | Usually provides useful ideas in group discussions and a good group member who tries hard. | Routinely provides useful ideas in group discussions and a definite leader who contributes a lot of effort. |
| **IV****Response to Questions** | Neither understands the question, nor could reply. | Adequate understanding of the question and reply. | Seemed to understand the main points of the question and replied to those with ease. | Clearly understood the question and replied with ease. | Understood the question in-depth and replied confidently. |

## Rubric for Semester 1 Evaluation

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Semester 1 (7th/Fall Semester) Evaluation (Weightage - 24%)**

**Project Title**:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No** | **Student Name** | **Roll No.** | **I****Literature Review****(12)** | **II****Methodology****(12)** | **III****Adherence to Work Plan****(12)** | **IV****Reporting and Presentation****(12)** | **Weighted Average Score****(48)** |
|  |  |  | **PLO-2** | **PLO-3** | **PLO-11** | **PLO-10** |  |
| **1** |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |

Use Rubric FYDP-OBE-03 for each student.

***Weighted Average Score = [PLO-2 (%)\*12+ PLO-3 (%)\*12+ PLO-11 (%)\*12+ PLO-10 (%)\*12]/100***

**FYDP Supervisor FYDP Examiner Chairperson**

1

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Rubric for Semester 1 (7th/Fall Semester) Evaluation (Weightage - 24%)**

**FYDP-OBE-03**

Student Name:

Roll No.:

|  |  |
| --- | --- |
|  | **Levels of Attainment (%)** |
|  | **Unacceptable (0)** | **Just acceptable (25)** | **Basic (50)** | **Good (75)** | **Excellent (100)** |
| **I****Literature Review** | No literature review carried out. | Partial literature review conducted, does not identify the problem. | Basic literature review carried out with some detail and relevant papers. | Literature review covers majors areas related to the project with relevant sources identifying the problem. | Extensive literature review conducted in a scientific manner with proper citations and referencing, identifying the problem. |
| **II****Methodology** | No methodology presented. | Some details available without explanation of the steps. | Methodology with basic steps defined. | Methodology defined with good details on all the phases of the project. | Detailed methodology defined with all the relevant steps in extensive detail. |
| **III****Adherence to Work Plan** | Failure to manage project work as per plan. | Inadequate management of time and project work. | Partially appropriate management of time and project work. | Good and appropriate management of time and project work. | Exceptional management of time and project work. |
| **IV****Reporting and Presentation** | Below standard content and delivery. | Marginal organization and delivery. | Reasonable organization and delivery. | Good organization and delivery. | Exceptional organization and delivery. |
| **Comments (if any)** |

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## Rubric for Semester 2 Progress

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Grading of Semester 2 (8th/Spring Semester) Progress (Weightage - 24%)**

**Project Title**:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No** | **Student Name** | **Roll No.** | **I****Intellectual Contribution****(16)** | **II****Attendance****(8)** | **III****Coherence with group****(8)** | **IV****Response to Questions****(8)** | **V****Timely Report Submission\* (8)** | **Weighted Average Score****(48)** |
|  |  |  | **PLO-2** | **PLO-8** | **PLO-9** | **PLO-10** | **PLO-11** |  |
| **1** |  |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |  |

Use Rubric FYDP-OBE-04 for each student.

***Weighted Average Score = [PLO-2 (%)\*16+ PLO-8 (%)\*8+ PLO-9 (%)\*8+ PLO-10 (%)\*8+PLO-11(%)\*8]/100***

**FYDP Supervisor FYDP Coordinator**

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Rubric for Semester 2 (8th/Spring Semester) Progress (Weightage - 24%)**

**FYDP-OBE-04**

Student Name:

Roll No.:

|  |  |
| --- | --- |
|  | **Levels of Achievement (%)** |
|  | **Unacceptable (0)** | **Just acceptable (25%)** | **Basic (50%)** | **Good (75 %)** | **Excellent (100 %)** |
| **I****Intellectual Contribution** | Doesn’t contribute to the project work and does not show understanding of the different project attributes. | Barely participates in the project activities and shows some understanding of the different project attributes. | Contributes in some activities of the project and shows reasonable understanding of the different project attributes. | Contributes effectively in majority of the project activities and has good understanding of the complex project attributes. | Enthusiastic and contributes in all activities of the project and demonstrates very good understanding of the complex project |
| **II** | To be taken from Attendance Proforma maintained by the Supervisor |
| **III****Coherence with group** | Non-cooperative. | Rarely contributes in group discussions and not a good team member. | Sometimes contributes useful ideas in group discussions and a satisfactory group member. | Usually provides useful ideas in group discussions and a good group member who tries hard. | Routinely provides useful ideas in group discussions and a definite leader who contributes a lot of effort. |
| **IV****Response to Questions** | Neither understands the question, nor could reply. | Adequate understanding of the question and reply. | Seemed to understand the main points of the question and replied to those with ease. | Clearly understood the question and replied with ease. | Understood the question in-depth and replied confidently. |
| **V****Timely Report Submission** | Not Submitted in time. |  | Timely Submitted. |

## Rubric for Final Report

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Grading of Final Report (8th/Spring Semester) (Weightage - 16%)**

**Project Title**:

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No** | **Student Name** | **Roll No.** | **I****Literature Review****(4)** | **II****Methodology****(4)** | **III****Results and Discussion (4)** | **IV****Conclusions and Recommendations****(4)** | **V****Relevance to SDGs****(4)** | **VI****Originality****(4)** | **VII****Formatting / Organization****(4)** | **VIII****Technical Writing****(4)** | **Weighted Average Score****(32)** |
|  |  |  | **PLO-2** | **PLO-3** | **PLO-3** | **PLO-12** | **PLO-7** | **PLO-8** | **PLO-10** | **PLO-10** |  |
| **1** |  |  |  |  |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |  |  |  |  |

Use Rubric FYDP-OBE-05 for each student.

***Weighted Average Score = [PLO-2 (%)\*4+ PLO-3 (%)\*8+ PLO-12 (%)\*4+ PLO-7 (%)\*4+PLO-8(%)\*4+ PLO-10(%)\*8]/100***

**FYDP Supervisor FYDP Examiner**

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Rubric for Final Report (8th/Spring Semester) (Weightage - 16%)**

**FYDP-OBE-05**

|  |  |
| --- | --- |
|  | **Levels of Attainment (%)** |
|  | **Unacceptable (0)** | **Just acceptable (25)** | **Basic (50)** | **Good (75)** | **Excellent (100)** |
| ILiterature Review | No literature review carried out. | Partial literature review conducted, does not identify the problem. | Basic literature review carried out with some detail and relevant papers. | Literature review covers majors areas related to the project with relevant sources identifying the problem. | Extensive literature review conducted in a scientific manner with proper citations and referencing, identifying. the problem. |
| IIMethodology | No methodology presented. | Some details available without explanation of the steps. | Methodology with basic steps defined. | Methodology defined with good details on all the phases of the project. | Detailed methodology defined with all the relevant steps in extensive detail. |
| IIIResults & Discussion | No results and their discussion presented. | Some results without discussion available. | Results with reasonable level of discussion. | Results with detailed discussion presented. | Detailed results with extensive discussion presented. |
| IVConclusions & Recommendations | No conclusions and recommendations. | Some conclusions with no relevance to project objectives. | Conclusions partially addressing objectives and recommendations. | Conclusions reasonably addressing project objectives and relevant recommendations for future work. | Conclusions adequately addressing the objectives with relevant recommendations for future work. |
| VRelevance to SDGs | No relevance to SDGs established. | Some relevance to SDGs without any clear link. | Reasonable consideration of SDGs and their linkage with the proposed work. | Clear relevance between the project work and SDGs established. | Relevance to SDGs is clearly established with appropriate consideration for relevant SDGs. |
| VIOriginality | Project isplagiarized. | Project is not unique, but modified and improved from the existing sources with minimal changes. | Project is not unique, but modified and improved from the existing sources with adequate | Project is distinctive and based on original ideas. | Project is unique, creative and innovative. |
| VIIFormatting/ Organization | Non-adherence to formatting guidelines and disorganized. | Formatting guidelines barely followed and poorly organized. | Formatting guidelines adequately followed and organized to some | AppropriatelyFormatted and organized. | Written work is very well formatted and organized. |
| VIIITechnical Writing | Poor technical writing. | Minimal use of technical language. | Reasonable use of technical language. | Appropriate use of technical language. | Commendable use of technical language. |

## Rubric for Semester 2 Final Evaluation

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Semester 2 (8th/Spring Semester) Final Evaluation (Weightage - 20%)**

**Project Title**:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No** | **Student Name** | **Roll No.** | **I****Relevance / Content****(8)** | **II****Organization and Delivery****(8)** | **III****Design / Layout****(8)** | **IV****Time Management****(8)** | **V****Question / Answers****(8)** | **Weighted Average Score****(40)** |
|  |  |  | **PLO-10** | **PLO-10** | **PLO-10** | **PLO-10** | **PLO-10** |  |
| **1** |  |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |  |

Use Rubric FYDP-OBE-06 for each student.

***Weighted Average Score = [PLO-10 (%)\*8+ PLO-10 (%)\*8+ PLO-10 (%)\*8+ PLO-10 (%)\*8+ PLO-10 (%)\*8]/100***

**FYDP Supervisor FYDP Examiner Chairperson**

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Rubric for Semester 2 (8th/Spring Semester) Final Evaluation (Weightage - 20%))))**

**FYDP-OBE-06**

|  |  |
| --- | --- |
|  | **Levels of Attainment (%)** |
|  | **Unacceptable (0)** | **Just acceptable (25)** | **Basic (50)** | **Good (75)** | **Excellent (100)** |
| IRelevance/ Content | Too limited relevance to program and low degree of difficulty. | Limited relevance to program and limited degree of difficulty. | Partially relevance to program and moderate degree of difficulty. | Relevant to program with adequate degree of difficulty. | Completely relevant to program and high degree of difficulty. |
| IIOrganization & Delivery | No participation. | Lacks confidence with weak preparation, organization, and delivery. | Partially confident with reasonable preparation, organization, and delivery. | Comfortable presentation with adequate preparation, organization, and delivery. | Confident and comfortable presentation with exceptional preparation, organization, and delivery. |
| IIIDesign/ Layout | Inappropriate illustrations and non- pleasing layout. | Poor illustrations and non-aesthetic layout. | Most illustrations are appropriate but layout is cluttered. | Illustrations are appropriate and good space management. | Very well presented illustrations. Layout is pleasing to the eye. |
| IVTime Management | Noticeably exceedor fall short of the time allotted. | Speakers either rush or ramble excessively to meet the time allotted. | Speakers showed some difficulty in meeting the time limits. | Speakers showed no difficulty in meeting the time limits. | Comfortably use time allotted, without evidence of compensation. |
| VQuestions/ Answers | Neither understands the question, nor could reply. | Adequate understanding of the question and reply. | Seemed to understand the main points of the question and replied to those with ease. | Clearly understood the question and replied with ease. | Understood the question in-depth and replied confidently. |

## FYDP Consolidated Grading Sheet

**NED University of Engineering & Technology Department of Engineering**

<FYDP Course Code> Final Year Design Project

**Final Grading / Spring Semester (100%)**

**Project Title**:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Student Name** | **Roll No.** | **7th Semester** | **8th Semester** | **Total** |
| **Project Proposal (12)** | **Semester Progress (20)** | **Final Evaluation (48)** | **Semester Progress (48)** | **Final Report (32)** | **Final Evaluation (40)** | **(200)** |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |



**FYDP Coordinator FYDP Supervisor Chairperson**

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