**Geethanjali College of Engineering and Technology**

**Department of ECE**

**Internship**

**Academic requirements in respect of Internship under AR 18 Regulations:**

There shall be an internship, which the student shall carryout immediately after Second year second semester examinations and pursue it during summer vacation for a duration of four weeks. Internship carried out shall be submitted in a report form, and a presentation of the same shall be made before a committee, which evaluates it for 100 marks. The committee shall consist of Head of the Department, the supervisor allocated for the internship, and two Professors / Assoc-Professors of the department. There shall be only CIE for 100 marks for internship and shall be evaluated during third year first semester. There shall be no SEE for Internship. A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to Internship, if the student secures not less than 40% of the total marks allocated for the course. The student is deemed to have failed, if he does not submit a report on his Internship or does not make a presentation of the same before the Departmental Evaluation Committee as per schedule or secures less than 40% of marks in Internship evaluation. Internship shall be evaluated based on 100% CIE (Continuous Internal Evaluation)

**CO-PO/PSO Mapping with levels**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Course code(s) with outcomes | PO1 | PO  2 | PO3 | PO4 | PO5 | PO6 | PO  7 | PO  8 | PO  9 | PO  10 | PO  11 | PO12 | PSO1 | PSO2 |
| 18EC3107 | 2 | 2 | - | - | 2 | - | - | - | 2 | 2 | - | 2 | 2 | 2 |

**Expected Outcomes of Internship:**

After completion of internship the student should be able to

|  |  |  |
| --- | --- | --- |
| **CO#** | **Expected Outcome** | **Mapping with Pos/ PSOs** |
| CO 1 | Exhibit better understanding capabilities of basics in mathematics, science and engineering | PO 1  PSO 1 |
| CO 2 | Acquire extra academic skills | PO 1, PSO 1 |
| CO 3 | Experience the industry culture (Not measurable) | - |
| CO 4 | Use modern tools/ software for the design and analysis of engineering problem | PO 5  PSO 2 |
| CO 5 | Experience the importance of working as an individual and as a team member | PO 9  PO 12 |
| CO 6 | Prepare technical report in an organized manner within the time frame | PO 11 |
| CO 7 | Improve presentation/organization skills |  |
| CO 8 | Understand importance of regularity and completion of tasks within a given time frame | PO 11 |
| CO9 | Improve oral and written communication skills | PO 10 |
|  | Improve critical thinking and analytical thinking (Not measurable) | - |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Criteria** | **Weightage %** | **Marks**  **100** | **Very Good 80-100%** | **Good**  **60-79%** | **Satisfactory**  **40-59%** | **Needs Improvement**  **0-39%** |
| **Contents from Title Page to Abstract** | 10% | 10 | All required information, detailed and well written abstract. | Most of required information. Abstract is reasonably good. | Required information; But not well written and is incomplete. | Missing information and/or no abstract. |
| **Organization of the report** | 10% | 10 | Proper formatting, sections clearly labeled, well-organized, professional style. | Proper formatting with labeled sections | Some formatting errors or missing sections | Multiple formatting errors or missing sections. |
| **Topics and Quality of Information** | 15% | 15 | All of the suggested topics are covered in good detail and specific to abstract | At least 4 of the suggested topics are covered .in good detail. Some details are vague and do not support the topic. | Focused on only one topic in good detail or at least 3 topics with partial details. Details somewhat sketchy, do not support the topic | Insufficient number of topics and unable to find specific details. |
| **Grammar and Spelling** | 5% | 5 | No errors | Only one or two errors | More than two errors | Numerous errors distract the understanding |
| **Skills acquired during internship** | 25% | 25 | Skills are acquired with utmost clarity and demonstrated them correctly and confidently | Skills are acquired at a basic level and demonstrated them correctly | Skills are acquired at a basic level with some ambiguities and some level of difficulty to demo | Ambiguous approach to learn the skills and no focus |
| **References** | 5% | 5 | Multiple references appropriately placed, formatted correctly. | References limited, format mostly correct. | References sparse, poor formatting | No appropriate references |
| **Timely submission of report** | 10% | 10 | Submitted on time with no need of corrections and without any reminders. | Submitted with a delay of one week with all recommended corrections done | Submitted with a delay of one week with at least 50% of recommended corrections done | Did not submit even after reminder |
| **Presentation to Evaluation Committee** | 20% | 20 | PPT has all needed slides that are logically sequenced  Content is covered well highlighting skills acquired during internship.  Confidence is clearly visible  Oral communication is well modulated  Answered the questions posed by evaluation committee. | PPT has most of the needed slides. Logical sequence can be refined.  Content coverage is good.  Confidence is good.  Oral communication is reasonably modulated  Attempted answering of the questions posed by evaluation committee. | PPT has the needed slides, but not structured well.  Content is covered satisfactorily.  Confidence can be improved.  Oral communication is satisfactory.  Tried to understand the questions posed by evaluation committee | PPT has insufficient slides and has no structure in place.  Content coverage is haphazard.  Low confidence is clearly visible  Oral communication needs lot of improvement  Indifferent to understand the questions posed by evaluation committee |

**Rubrics for the Evaluation of Internship**

**Geethanjali College of Engineering and Technology**

**Department of ECE**

**Feedback on Internship**

Feedback from students on the internship carried out shall be taken on a scale of 1 to 5 on the following aspects to show the impact of internship.

1. Does internship facilitate acquisition of extra academic skills for you?

2. Does internship facilitate understanding of the industry culture?

3. Does internship facilitate usage of modern tools?

4. Does internship facilitate understanding the importance of working as an individual and as a team member?

5. Does internship facilitate improvement of your oral and written communication skills?

6. Does internship facilitate preparation of technical report in an organized manner?

7. Does internship facilitate improvement of your presentation skills?

8. Does internship promote the importance of regularity and completion of tasks within a given time frame?

9. Do you believe that doing internship will enhance your chances of getting employment?

10. Does internship promote your critical thinking and analytical thinking?

**5: Fully agree; 4: Agree to a large extent; 3: Agree partially; 2: Not agree; 1: Completely disagree**