



## **CIRCULAR**

### **Sub: Guidelines for CIE Evaluation of Industry/ Research Internship (21XX8I01) B.E., 2021 Scheme**

- CIE Evaluation is to be carried out in two phases
  - Internship – Review – Evaluation 1
  - Internship – Review – Evaluation 2
- The CIE marks shall be awarded by a committee consisting of the Head of the concerned Department and two faculty members of the Department, one of whom shall be the Guide.
- The CIE marks awarded for the internship shall be based on the evaluation of dairy, report, presentation skill and question and answer session in the ratio 50:25:25.

## **I Evaluation of Industry Internship**

### **1. Internship – Review – Evaluation 1**

<b>Sl. No.</b>	<b>Internship – Review – Evaluation 1</b>	<b>Max. Marks</b>
1 a)	Student Internship dairy	<b>10</b>
1 b)	Industry Internship Report	<b>15</b>
2 a)	Demonstration of Soft Skills (Showcase Professional Conduct and work ethics)	<b>05</b>
2 b)	Demonstration of Engineering Knowledge (Development of new ideas, concepts, designs, process and products)	<b>07</b>
3	Question and Answer	<b>13</b>
<b>Total</b>		<b>50</b>



# The National Institute of Engineering

Mysuru – 570 008

**Office of Dean (Academic Affairs)**

## 2. Internship – Review – Evaluation 2

Sl. No.	Internship – Review – Evaluation 2	Max. Marks
1 a)	Student Internship dairy	10
1 b)	Industry Internship Report	15
2 a)	Demonstration of Technical Skills (Learning, usage of new tools, Technical Communication skills, computer, analytical skills, standards, codes etc.)	08
2 b)	Industry Internship Outcome (Participation in Technical Competitions/ Events)	05
3	Question and Answer	12
<b>Total</b>		<b>50</b>

**Final CIE Evaluation (Max. Marks 100):**

**Sum of Internship – Review – Evaluation 1 (50 Marks) and Internship – Review – Evaluation 2 (50 Marks)**

### Industry Internship Evaluation Rubrics

Evaluation Category	Performance	Marks (%)
Showcase professional Conduct & Work Ethics	Excellent	80 to 100
	Good	60 to 79
	Satisfactory	50 to 59
	Unsatisfactory and fail	< 50
Development of New Ideas, Concepts, Designs, Processes & Products	Excellent	80 to 100
	Good	60 to 79
	Satisfactory	50 to 59
	Unsatisfactory and fail	< 50
Development of Technical Skills	Excellent	80 to 100
	Good	60 to 79
	Satisfactory	50 to 59
	Unsatisfactory and fail	< 50
Participation in technical/ Research related competitions or events – Hackathon, Conferences, Quiz, Seminar, Ideathon, Workshops etc.	Excellent	80 to 100
	Good	60 to 79
	Satisfactory	50 to 59
	Unsatisfactory and fail	< 50



**1. The guides should evaluate the interns under the following categories with the parameters:**

**a. Showcase Professional Conduct & Work Ethic**

- Punctuality, Conduct and character of intern.
- Tactfulness and politeness with colleagues and the public.
- Attitude regarding professionalism.
- Ability to work in a team as a member.
- Ability to work without supervision.

**b. Development of New Ideas, Concepts, Designs, Processes & Products.**

- Research attitude.
- Problem-solving techniques.
- Innovation mind-set.
- Receptiveness to feedback and critiques.

**c. Development of Technical Skills**

- Inquisitiveness and eagerness to learn and use new tools and techniques.
- Writing skills, oral communication skills, technical communication skills, computer skills, analytical skills and business writing skills.
- Appropriateness of technical skills to solve problems.
- Familiarization to writing technical papers, standards, codes, etc.

**d. Participation in technical events & competitions (with proof):**

- Hackathon
- Quiz
- Seminar
- Paper presentation
- Conferences
- Workshops



# The National Institute of Engineering

Mysuru – 570 008

**Office of Dean (Academic Affairs)**

---

## **2. Documents to be submitted by students as evidence:**

- a. Student's Internship Diary
- b. Internship Report along with Certificate or Declaration from relevant Authorized Authority.

## **3. Assessment shall be as per institute norms to decide the letter grade as per NIE Academic Regulations UG 2021(11.3. and 11.3.h.).**



## **II Evaluation of Research Internship:**

### **1. Internship – Review – Evaluation 1**

<b>Sl. No.</b>	<b>Internship – Review – Evaluation 1</b>	<b>Max. Marks</b>
1 a)	Student Internship dairy	<b>10</b>
1 b)	Research Internship Report	<b>15</b>
2 a)	Demonstration of Soft Skills (Showcase Research Attitude and ethics)	<b>05</b>
2 b)	Demonstration of Engineering Knowledge (Presentation of selected Research Topic, Literature Review and Gap Analysis)	<b>07</b>
3	Question and Answer	<b>13</b>
<b>Total</b>		<b>50</b>

### **2. Internship – Review – Evaluation 2**

<b>Sl. No.</b>	<b>Internship – Review – Evaluation 2</b>	<b>Max. Marks</b>
1	Student Internship dairy	<b>10</b>
2	Industry Internship Report	<b>15</b>
3	Demonstration of Simulation or Experimental Work (Simulation Setup, Experimentation, Results)	<b>08</b>
4	Research Internship Outcome: <ul style="list-style-type: none"><li>• Participation in Conferences/ Seminars/ Workshops</li><li>• Publication in journal or conference proceedings</li><li>• Possibility of filing patent</li></ul>	<b>05</b>
5	Question and Answer	<b>12</b>
<b>Total</b>		<b>50</b>

***Final CIE Evaluation (Max. Marks 100):***

**Sum of Internship – Review – Evaluation 1 (50 Marks) and Internship – Review – Evaluation 2 (50 Marks)**



## Research Internship Evaluation Rubrics

Evaluation Category	Performance	Marks (%)
Selection of Research Topic	Excellent	80 to 100
	Good	60 to 79
	Satisfactory	50 to 59
	Unsatisfactory and fail	< 50
Literature Review and Gap Analysis	Excellent	80 to 100
	Good	60 to 79
	Satisfactory	50 to 59
	Unsatisfactory and fail	< 50
Simulation/Experimental Work	Excellent	80 to 100
	Good	60 to 79
	Satisfactory	50 to 59
	Unsatisfactory and fail	< 50
Communication & Presentation Skills, Research attitude and Research outcome	Excellent	80 to 100
	Good	60 to 79
	Satisfactory	50 to 59
	Unsatisfactory and fail	< 50

**1. The guides should evaluate the interns under the following categories with the parameters:**

**a. Selection of Research Topic**

- Topic is appropriate to his/her field of study
- Research Internship Aim & Objectives are clearly defined

**b. Literature Review and Gap Analysis**

- A detailed review of the recent literature is presented
- Well identified research gaps are identified and analysed



**c. Simulation/Experimental Work**

- Commencement of Simulation/Experimental work
- Progress in the Simulation/Experimental Work
- Results obtained are appropriate

**d. Communication & Presentation Skills, Research attitude and Research outcome**

- Idea conveyed properly and has excellent communication skills
- Actively participating in the lab work
- Most of the time punctual and committed towards the research work
- Participation in Conferences/ Seminars/ Workshops
- Research Publication(s) in referred Journal(s)/ Conference proceedings
- Possibility of filing patent(s)

**2. Documents to be submitted by students as evidence:**

- a. Student's Internship Diary
- b. Internship Report along with Certificate or Declaration from relevant Authorized Authority.

**3. Assessment shall be as per institute norms to decide the letter grade as per NIE Academic Regulations UG 2021(11.3. and 11.3.h.).**



# The National Institute of Engineering

Mysuru – 570 008

## Office of Dean (Academic Affairs)

---

### **III Skill Enhancement Courses**


Students who were unable to secure an internship either in Industry or Research have registered for Skill Enhancement courses. Such students are required to complete the Skill Enhancement courses available at online VTU portal.

1. Students must register for
  - 12 weeks duration Skill Enhancement Courses are equal to 03 credits.
  - 08 weeks duration Skill Enhancement Courses are equal to 02 credits.
  - 04 weeks duration Skill Enhancement Courses are equal to 01 credit.
2. During the evaluation reviews, students must contact their respective guides and update their progress in the registered courses.
3. The student shall submit an Internship report that must contain
  - List of courses registered.
  - A write-up on the relevance of the chosen courses with the prevailing industry scenario.
  - Completion certificate of each course.

**Note:** The online CIE and SEE will be conducted by the office of the VTU COE Mysuru. Therefore, there is no need for the department to conduct CIE and SEE separately for the students. The CIE and SEE marks, along with the certificates, will be published on the [online.vtu.ac.in](http://online.vtu.ac.in) portal.

#### **Note to HoDs:**

The HoDs are hereby informed to bring the contents of this circular to all the concerned students and proctors.

  
Dr. C. Vidyaraj  
Dean (AA)

---

#### **Copy to:**

1. The Principal, Vice Principal – for information
2. COE/ SDSC/ ADM/ ACC/ Head- IQAC/ Dy. Dean (AA)/ Chairman Time Table Committee
3. HoD's of CIV. / MEC. / EEE. / ECE. /CSE. / CSE (AIML)/ ISE.
4. NIE North Campus
5. NIE website