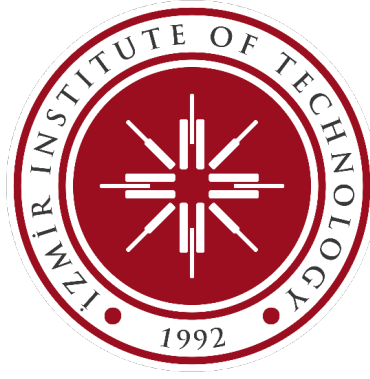




IZMIR INSTITUTE OF TECHNOLOGY
DEPARTMENT OF PHYSICS
UNDERGRADUATE INTERNSHIP REPORT
TEMPLATE AND GUIDELINES

Student ID:

Name and Surname:

Class:

Course Code:

Academic Supervisor:

Academic Year and Semester: 2026/2027 Fall

Date of Submission:

Company / Institution Name:

Department / Unit:

Internship Period:

Company Supervisor:

Company Co-Supervisor:

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1. INTRODUCTION

During your internship application from <https://stajbasvuru.iyte.edu.tr/> please follow the student application manual on that website.

Additional links may be found:

<https://physics.iyte.edu.tr/staj-bilgileri/>

<https://sci.iyte.edu.tr/wp-content/uploads/sites/82/2026/04/Staj-Y%C3%B6netim-Sistemi-%C3%96%C4%9Fenci-Klavuzu.pdf>

1.1 GENERAL REPORT GUIDELINES

The report should focus on the work performed during the internship, the relevant physical and technical principles, and the student's own contributions and learning outcomes.

The main body of the internship report should normally be approximately **20 pages**, excluding the Cover Page, Table of Contents, References, and Appendices.

The report should be organized using **numbered sections as well as subsections** where appropriate. All pages, except the cover page, should be **numbered consistently** throughout the whole report.

Figures and Tables should be numbered consecutively and provided with clear and descriptive captions. They should be referred to in the main text. Figures, photographs, or tables obtained or adapted from external sources should be properly cited. Large figures, tables, or supplementary material may be included in the Appendices section when appropriate.

All scientific, technical, or other information obtained from external sources should be properly **cited and listed in the References section**. A consistent reference style should be used throughout the report.

The internship report should be written in **English** using clear and appropriate scientific and technical language. **SI units** should be used whenever applicable, and physical quantities, symbols, and units should be presented consistently throughout the report.

Confidential or proprietary information belonging to the host company or institution should not be included without permission.

1.2 INTRODUCTION OF THE INTERNSHIP

Provide a brief introduction to the internship. Describe the general purpose of the internship, the company or institution where the internship was completed, and the main area of work.

Briefly introduce the type of activities performed and explain how the internship relates to your undergraduate education in physics.

2. COMPANY / INSTITUTION OVERVIEW

Provide a brief description of the company or institution where the internship was completed. Students should focus on information relevant to their internship rather than providing an extensive history of the company or institution.

The following information may be included:

- Main field of activity,
- Department or unit where the internship was carried out,
- Relevance of the department or unit to your internship activities.

3. SCOPE AND MAIN OBJECTIVES OF THE INTERNSHIP

Describe the scope and main objectives of the internship. Explain the project, department, laboratory, or technical area in which you worked and identify your main responsibilities.

The following points may be addressed:

- Assigned project or tasks
- Main responsibilities
- Scientific or technical objectives
- Expected learning outcomes
- Relationship between the assigned work and physics

4. SCIENTIFIC AND TECHNICAL BACKGROUND OF INTERNSHIP

Explain the scientific and technical principles relevant to the work performed during the internship. This section should demonstrate your understanding of the physics underlying the experimental, computational, or technical activities carried out during the internship.

Equations, diagrams, figures, and scientific references may be included where appropriate. Scientific or technical information obtained from external sources must be properly referenced.

Depending on the field of the internship, relevant topics may include:

- Physical principles underlying measurement techniques
- Optics and photonics
- Electronics and instrumentation

- Materials physics
- Semiconductor physics
- Radiation and detector physics
- Energy systems
- Computational physics
- Numerical methods
- Data analysis
- Modeling and simulation
- Other relevant physical principles

5. EXPERIMENTAL, COMPUTATIONAL AND/OR TECHNICAL METHODS

Describe the principles of experimental, computational, or technical methods used during the internship.

When appropriate, briefly explain the operating principle of the instruments, methods, or software used rather than simply listing their names.

For measurement instruments and experimental systems, relevant quantities such as measurement range, resolution, sensitivity, or uncertainty may also be discussed when appropriate.

6. RESULTS AND DISCUSSION

Present and discuss the main results obtained during the internship. Results should not simply be presented; they should also be interpreted and discussed.

Whenever possible, relate your observations and results to relevant physical principles. Discuss possible sources of error, measurement uncertainty, experimental limitations, or computational limitations where appropriate.

Depending on the nature of the work, results may include:

- Experimental measurements
- Calculations and graphs
- Data analysis
- Tables
- Simulation or characterization results
- Technical observations

- Comparison of different methods or measurements

7. CONCLUSION AND EVALUATION

Provide an overall evaluation of the internship. The conclusion should reflect your own evaluation of the internship experience.

The following points should be addressed where applicable:

- Main outcomes of the internship
- Knowledge and skills gained,
- Relationship between undergraduate physics courses and the work performed,
- Contribution of the internship to your academic and professional development.

REFERENCES

List all sources used in preparing the report.

All scientific and technical information obtained from external sources should be appropriately cited in the main text.

APPENDICES

APPENDIX A – DAILY ACTIVITY LOG

The Daily Activity Log should provide a concise chronological summary of the activities performed during the internship.

Detailed scientific and technical explanations should be presented in the main body of the report rather than repeated in this appendix.

Day	Activities / Tasks Performed	Equipment / Software / Methods Used	Knowledge and Skills Gained
Day 1			
Day 2			
Day 3			
Day 4			
Day 5			
Day 6			
Day X			

Additional rows may be added depending on the duration of the internship.