GUIDELINES FOR

B.E Information Technology

PROJECT REPORT PREPARATION

****

**DEPARTMENT OF INFORMATION TECHNOLOGY**

JADAVPUR UNIVERSITY

Salt Lake Campus

**Guidelines for preparation of Project Report**

# 

This project report shall be presented using multiple number of chapters, starting with Introduction and ending with Summarized Conclusions. Each of the other chapters will have a precise title reflecting the contents of the chapter. A chapter can be subdivided into *sections, subsections and sub-subsections* so as to present the content discretely and with due emphasis. However, the numbering of chapters will be continuous right through. The report should be brief, with the number of pages of the main content of the report being not more than 50 pages. Front matter, appendix, etc. can be extra. The impression on the typed copies should be **black in colour**. One and a half spacing should be used for typing the text, and shall be typed in the Font style „Times New Roman‟ and Font size 12, unless otherwise stated explicitly.

**ARRANGING THE CONTENTS:**

The following is the recommended sequence for presenting the material in the project report:

1. Cover Page

2. Bonafide Certificate from the project supervisor(s), counter signed by HoD

3. Declaration by Student(s)

4. Acknowledgements (The acknowledgment by the candidate shall follow the citation of   
 literature, signed by him/her, with date).

5. Vision, Mission, PEO, PSO of Department of IT

6. Abstract

(**Abstract** should be straight to the point; not too descriptive but fullyinformative. The following things should appear in the abstract. (a) The problem addressed, (b) its importance/novelty, (c) the approach adopted for solving the problem, highlighting novelty, if any, (d) the major results obtained, (e) and the major conclusion. The abstract does not have to be an entire summary of the project, but rather a concise summary of the scope and results of the project and limited to 1 page only. Include keywords (Font Style: Times New Roman and Font Size: 12, Spacing: Single)

7. Table of Contents

8. List of Symbols, Abbreviations and Nomenclature

9. List of figures and tables

10. Appendices (if any)

<Organization of Chapters>

## Chapter 1 <Introduction>

The title of **Chapter 1** shall be Introduction. It shall justify and highlight the problem posed, define the topic and explain the aim and scope of the work presented in the project report. It may also highlight the significant contributions from the investigation.

## Chapter 2 < Chapter heading >

This shall normally form Chapter 2 and shall present a critical appraisal of the previous work published in the literature pertaining to the topic of the investigation. The extent and emphasis of the chapter shall depend on the nature of the investigation.

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**Chapter <Conclusions>**

**References**

* + - Number all the references.
    - Use a chronological bibliography.
    - Each listed reference in the bibliography must be cited in the text of the report.
    - References should be listed comprising of journals, books, conferences.

**Sample References**

|  |  |
| --- | --- |
| **Material Type** | **Works Cited** |
| **Book in print** | [1] D. Sarunyagate, Ed., *Lasers*. New York: McGraw-Hill, 1996. |
| **Chapter in book** | [2] G. O. Young, "Synthetic structure of industrial plastics," in *Plastics*, 2nd ed., vol. 3, J. Peters, Ed. New York: McGraw-Hill, 1964, pp. 15-64. |
| **Journal article** | [3] G. Liu, K. Y. Lee, and H. F. Jordan, "TDM and TWDM de Bruijn networks and shufflenets for optical communications," *IEEE Trans. Comp.*, vol. 46, pp. 695-701, June 1997. |
| **Conference proceedings** | [4] T. J. van Weert and R. K. Munro, Eds., Informatics and the Digital Society: Social, ethical and cognitive issues: IFIP TC3/WG3.1&3.2 Open Conference on Social, Ethical and Cognitive Issues of Informatics and ICT, July 22-26, 2002, Dortmund, Germany. Boston: Kluwer Academic, 2003. |
| **Website** | [5] Caulfield, J. (2022, October 26). *IEEE Website Citation | Guide with Examples.* Scribbr. Retrieved May 8, 2023, from https://www.scribbr.com/ieee/ieee-website-citation/ |

**Appendix**

Detailed information, lengthy derivations, raw experimental observations etc. are to be presented in the separate appendices, which shall be numbered in Roman Capitals (e.g. “Appendix IV”).

**Note**: It is suggested to draw the figures and prepare the tables yourself. If any figure or table or data or result or opinion is not yours, cite relevant reference.



**(TITLE OF THE PROJECT)**

*Project report submitted*

*in partial fulfillment of the requirement for the degree of*

**Bachelor of Engineering in Information Technology**

By

**Name of the students**

**(Class Roll Nos.)**

**(Exam Roll Nos.)**

*Under the guidance of*

**<Name of the Faculty>**



**Department of Information Technology,**

Faculty of Engineering and Technology,

Jadavpur University, Salt Lake Campus

Starting Year-Ending Year

Department of Information Technology

Faculty of Engineering and Technology

Jadavpur University

**BONAFIDE CERTIFICATE**

<Font Style Times New Roman – size -16>

This is to certify that this project report entitled ***“……….TITLE OF THE PROJECT……………..”*** submitted to **Department of Information Technology,** **Jadavpur University, Salt Lake Campus, Kolkata**, is a bonafide record of work done by“**…………..NAME OF THE STUDENTS (Registration No: of ) .…………”** under my supervision from **“…starting date..**” to “ **…ending date..”**

<<Signature of the Supervisor>>

<<Name and Designation>>

<<Stamp>>

Countersigned By:

<<Signature of the HoD>>

<<Name and Designation>>

<<Stamp>>

**Acknowledgments**

We would like to acknowledge …..

**Department of Information Technology**

**Jadavpur University**

**Salt Lake Campus, Kolkata**

<<Signature of Student >> <<Signature of Student >>

<<Name of Student>> <<Name of Student>>

**JADAVPUR UNIVERSITY**

**Dept. of Information Technology**

***Vision:***

To provide young undergraduate and postgraduate students a responsive research environment and quality education in Information Technology to contribute in education, industry and society at large.

***Mission:***

**M1:** To nurture and strengthen professional potential of undergraduate and postgraduate students to the highest level.

**M2:** To provide international standard infrastructure for quality teaching, research and development in Information Technology.

**M3:** To undertake research challenges to explore new vistas of Information and Communication Technology for sustainable development in a value-based society.

**M4:** To encourage teamwork for undertaking real life and global challenges.

***Program Educational Objectives (PEOs):***

Graduates should be able to:

**PEO1:** Demonstrate recognizable expertiseto solve problems in the analysis, design, implementation and evaluation of smart, distributed, and secured software systems.

**PEO2:** Engagein the engineering profession globally, by contributing to the ethical, competent, and creative practice of theoretical and practical aspects of intelligent data engineering.

**PEO3:** Exhibit sustained learning capabilityand ability to adapt to a constantly changing field of Information Technology through professional development, and self-learning.

**PEO4:** Show leadership qualitiesand initiative to ethically advance professional and organizational goals through collaboration with others of diverse interdisciplinary backgrounds.

***Mission - PEO matrix:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ms/ PEOs** | **M1** | **M2** | **M3** | **M4** |
| **PEO1** | 3 | 2 | 2 | 1 |
| **PEO2** | 2 | 3 | 2 | 1 |
| **PEO3** | 2 | 2 | 3 | 1 |
| **PEO4** | 1 | 2 | 2 | 3 |

(3 – Strong, 2 – Moderate and 1 – Weak)

***Program Specific Outcomes (PSOs):***

At the end of the program a student will be able to:

**PSO1:** Apply the principles of theoretical and practical aspects of ever evolving Programming & Software Technology in solving real life problems efficiently.

**PSO2:** Develop secured software systems considering constantly changing paradigms of communication and computation of web enabled distributed Systems.

**PSO3:** Design ethical solutions of global challenges by applying intelligent data science & management techniques on suitable modern computational platforms through interdisciplinary collaboration.

**Abstract**

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***Keywords*:** *cyber security*; *machine learning*; *phishing.*

**(Sample format)**

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**Appendix**

**Approved for Circulation**



