**GUIDELINES FOR THE PREPARATION OF B. Tech. MAJOR PROJECT REPORTS**

* Project reports should be typed neatly only on one side of the paper with **1.5 line spacing**on A4 size paper. The margins should be: **Left – 1.25” Right – 1”, Top and Bottom – 0.75”**.
* The report should be a **hard bound** book (**Black Colour**). Ample report size is 35-45 pages (starting from Abstract page to References page). Students must submit the report in electronic form also - this electronic form, **made available in CD**, will contain the entire project document besides multi-media illustration material prepared using any presentation software.
* The total number of reports to be submitted are
  + One copy to the department **(to be submitted to Major Project Coordinator)**
  + One copy to the library **(to be submitted to Major Project Coordinator)**
  + One copy to the supervisor.
  + Student may take one copy for each one of them.
* Before taking the Final printout, the approval of the concerned guide(s) is mandatory and suggested corrections, if any, must be incorporated.
* Before submission of report**, signature of supervisor/co-supervisor** is must.
* The organization of the report must be as follows.
* Outer title page with plastic cover
* Inner title page.
* Certificate.
* Declaration
* An abstract (synopsis) not exceeding 300 words, indicating salient features of the work.
* Acknowledgements
* Table of Contents
* List of table
* List of figures
* Introduction
* Literature Survey/ Basics of the works
* Different Chapters
* Conclusion and Future scope
* References
* Appendices
* Plagiarism Certificate

**Important points in the project report**

1. Chapters (to be numbered in Arabic) containing Introduction- which usually specifies the scope of work and its importance and relation to previous work and the present developments, Main body of the report appropriately into chapters, sections and subsections. The chapters, sections and subsections may be numbered in the decimal form for e.g. Chapter 2, sections as 2.1, 2.2 etc., and subsections are 2.2.3, 2.5.1 etc.
2. Followed by the title of chapter centered (font size 18), section/subsection numbers along with their headings must be left justified with section number and its heading in font size 16 and subsection and its heading in font size 14. The body or the text of the report should have font size 12.
3. The figures and tables must be numbered chapter wise for e.g. Fig. 2.1 Block diagram of a serial binary adder, Table 3.1 Primitive flow table, etc. All figures and tables should appear either in the same page or the next page in which they are referred first. Preferably, all figures and tables are to be placed either at the top or the bottom of a given page.
4. The last chapter *should* contain the summary of the work carried, contributions if any, their utility along with the scope for further work.
5. Reference: The references should be numbered serially in the order of their occurrence in the text and their numbers should be indicated within square backers for e.g. [3]. The section on references should list them in serial order in the following format.

|  |  |
| --- | --- |
| **Material Type** | **Works Cited** |
| **Book in print** | [1] B. Klaus and P. Horn, *Robot Vision*. Cambridge, MA: MIT Press, 1986. |
| **Chapter in book** | [2] L. Stein, “Random patterns,” in *Computers and You*, J. S. Brake, Ed. New York: Wiley, 1994, pp. 55-70. |
| **eBook** | [3] L. Bass, P. Clements, and R. Kazman, *Software Architecture in Practice*, 2nd ed. Reading, MA: Addison Wesley, 2003. [E-book] Available: Safari e-book. |
| **Journal article** | [4] J. U. Duncombe, "Infrared navigation - Part I: An assessment of feasability," *IEEE Trans. Electron. Devices*, vol. ED-11, pp. 34-39, Jan. 1959. |
| **eJournal (from database)** | [5] H. K. Edwards and V. Sridhar, "Analysis of software requirements engineering exercises in a global virtual team setup," *Journal of Global Information Management*, vol. 13, no. 2, p. 21+, April-June 2005. [Online]. Available: Academic OneFile, http://find.galegroup.com. [Accessed May 31, 2005]. |
| **eJournal (from internet)** | [6] A. Altun, "Understanding hypertext in the context of reading on the web: Language learners' experience," *Current Issues in Education*, vol. 6, no. 12, July 2003. [Online]. Available: http://cie.ed.asu.edu/volume6/number12/. [Accessed Dec. 2, 2004]. |
| **Conference paper** | [7] L. Liu and H. Miao, "A specification based approach to testing polymorphic attributes," in *Formal Methods and Software Engineering: Proceedings of the 6th International Conference on Formal Engineering Methods, ICFEM 2004, Seattle, WA, USA, November 8-12, 2004*, J. Davies, W. Schulte, M. Barnett, Eds. Berlin: Springer, 2004. pp. 306-19. |
| **Conference proceedings** | [8] 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. |
| **Technical report** | [9] J. H. Davis and J. R. Cogdell, “Calibration program for the 16-foot antenna,” Elect. Eng. Res. Lab., Univ. Texas, Austin, Tech. Memo. NGL-006-69-3, Nov. 15, 1987. |
| **Patent** | [10] J. P. Wilkinson, “Nonlinear resonant circuit devices,” U.S. Patent 3 624 125, July 16, 1990. |
| **Thesis/Dissertation** | [11] J. O. Williams, “Narrow-band analyzer,” Ph.D. dissertation, Dept. Elect. Eng., Harvard Univ., Cambridge, MA, 1993. |
|  |  |
|  |  |

1. Only SI units are to be used in the report. Important equations must be numbered in decimal form for e.g.*V=IZ.*All equation numbers should be right justified.
2. Each report should pass through Plagiarism checker (available in Library) and **similarity index should not exceed 30%.**

**Annexure A**

**A Project Report**

**On**

**(TITLE OF THE PROJECT)**

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

**Bachelor of Technology**

**In**

**Electronics and Communication Engineering**

|  |  |
| --- | --- |
| **Submitted By:** | **Under the Supervision of:** |
| (Name of the student) | (Name of the Supervisor(s)) |
| (Roll No.) |



Department of Electronics and Communication Engineering

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA

**(Month and Year)**

**Annexure B**

**CERTIFICATE**

It is certified that the work contained in the project report titled “Title of the Project Report,” by “Name of the Student,” has been carried out under my/our supervision and this work has not been submitted elsewhere for a degree.

**Signature of Supervisor(s)**

**Name(s)**

**Department(s)**

**JIIT NOIDA**

Month, Year

**Annexure C**

**DECLARATION**

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

(Signature)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Name of the student)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Roll No.)

Date: \_\_\_\_\_\_\_\_\_\_