**Department of Information Technology**

**MIT Campus, Anna University, Chennai-44**

**Check List for UG/PG thesis**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Item** | **Action** | **Check (Y/N)** |
|  | General Considerations | All **figures** are captioned **below**, and numbered (e.g., Figure 4.14 but not Figure 4.1.4) and **referred** in discussion paragraphs **before** it appear in the chapter. |  |
| All **tables** are numbered and captioned **above** it (e.g., Table 4.14 but not Table 4.1.4) and **referred** in discussion paragraphs **before** it appear in the chapter. |  |
| The line spacing before figure title may be **6 pt.**, but after it should be **9 pt**. |  |
| Any figure/image/table taken from **internet** world are **referenced** in the caption of the image/figure/table itself. (e.g., Source: Ramesh et al, 2020) |  |
| The **line spacing** before Table title may be **9 pt.**, but after title it is **6 pt**. |  |
| **General contents** and headings in different chapters have Times New Roman of size **14 pt.** with **1.5 line** spacing |  |
| All **chapter number** (e.g., CHAPER-4) have font **size 14 pt. bold**, with **0 pt.** before and after spacing, but **chapter title** (e.g., ALGORITHM DEVELOPMENT AND IMPLEMENTATION) have font size **16 pt. bold** with **0 pt.** before and **12 pt.** after for spacing. |  |
| In **all chapters**, first level headings (Bold all caps), sub-headings (normal) etc. have Times New Roman of size **14 pt**. with spacing of **6 pt.** before and after the headings. |  |
| There need to be proper **indentation** for every paragraph. |  |
| **0 pt.** spacing before and after a paragraph. |  |
| All **equations** are **numbered**. All equation/expression **may not** be referred, but stilled be numbered similar to figure/table numbering style. |  |
| Every chapter should contain around 10 pages except "Conclusions and Future Works" which mostly contain two pages. |  |
| The list of Reference has no chapter number and it appears before Appendix if any. |  |
| A typical UG thesis may have 40 - 50 pages of technical contents. A PG thesis may have around 50 pages. |  |
|  | Front Page | As per the template |  |
|  | Bonafide Certificate | As per the template |  |
|  | Acknowledgement | As per the template |  |
|  | Abstract | Abstract should not have more contents about introduction / general points. It should conclude with main findings. Abstract should be in one page occupying at least three fourth (3/4) of the page. |  |
|  | Table of Contents | As per the template |  |
|  | List of Figure, Table, Abbreviations | As per the template |  |
|  | Chapter-1 | 1.1 Overview  It may be one or two paragraphs explaining importance/significance of the domain, problems, and solution provided in the project work. |  |
| 1.2 Research challenges  It lists different research challenges in the domain of the proposed work. |  |
| 1.3. Objective  The well-defined objectives of the proposed work. |  |
| 1.4 Scope of the project  It is about validity of the project design and implementation. This section explain the assumptions, datasets scenario, implementation method & environment of the proposed work. For example, some project may have pure simulation with/without derived mathematical model; other may have real-time implementation with/without specialized hardware. Some project implementation may involve cloud platform. |  |
| 1.5 Contribution  It is about the contribution by the project team in terms of algorithm / mathematical model development, innovations, research achievements, etc. |  |
| 1.X  Introductory contents |  |
| 1.XX  Organization of the thesis |  |
|  | Chapter-2 | Literature Survey |  |
| Headings / sub-headings cannot be the title of the referred research paper, since one heading/sub-heading may refer multiple research papers. |  |
| The quoting of reference in the text is not IEEE format, but it is a Harvard referencing style. |  |
| The end of Chapter on Literature survey should contain a section on “Summary of Literature Survey” with one paragraph of description. |  |
|  | Chapter-3 | The suggested title of this chapter is: "System Design & Architecture" |  |
|  | Chapter-4 | The suggested title of this chapter is: "Algorithm Development and Implementation" |  |
|  | Chapter-5 | This chapter title is: "Results and Discussions" |  |
|  | Chapter-6 | This chapter title is: "Conclusions and Further work" |  |
| Conclusions may occupy one page and next page could be a paragraph on "Scope for future work". |  |
|  | Reference | References should be in Harvard format only |  |
|  | Appendix | Annexures containing details like figures, tables etc. which requires very little or no explanation. |  |
|  | General Templates | A soft copy of a sample thesis in Microsoft Word file format, circulated by the project coordinator, should be used as template/reference. |  |