**REVIEW – MASTER PROJECT (RAMANA)**

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| **DESCRIPTIONS** | **REVIEWER - SUPERVISOR** | **REVIEWER – CO-SV** | **DATE** |
| Organization & format |  | Cover page no need state Appendix B & C.  Format to prepare Table of Contents please refer to Guideline given Page 6.  (You may use the Words – Table of Content for draft purpose only)  Point 1 – Point 14 please put them as subtopics.  Also, any subheading should be treated as subtopics.  Please discuss again regarding your Title for this study with supervisor. It is too wide in coverage. Lean manufacturing is a very big topic.  For example, you might want to focus on reducing waste or sustainability, etc. TPS is a major system and generic in lean manufacturing. Perhaps just focus on part of the lean management or study on human perceptions will do.  Please look into the below see whether feasible or not. Discuss with your supervisor, he will do the final say.  **Perception on barriers and success strategies for sustainable lean manufacturing implementation in a manufacturing company : A Case Study.** | 26/12 |
| Chapter 1 – Introduction   * 1. Background of the study   2. Problem statement   3. Objectives of the study   4. Research questions and hypotheses   5. Significance of the study   6. Scope of the study   7. Definitions of terms |  | 1.1 should be Background of the study. General statements for background of the study, from a broader view or bigger picture.  State and explain problem in Problem Statement – 2 pages will do. Only mention what are the problems faced by organizations that practice lean manufacturing.  RO and RQ must be related.  If you are doing quantitative research method, need to have hypotheses. Your hypotheses should be listed in Chapter 1 instead of Chapter 2 (2.6) and again, it should be related to RO and RQ.  If you consider the above NEW TITLE given, it will be a qualitative research study. RQ will be prioritized.  Significance of the study you have mentioned in Chapter 1 introduction , please bring over to 1.5.  Scope of study being left out. You may state that coverage is in a manufacturing company in Johor Bahru with the existing lean manufacturing implementation. As there is not many companies in Johor Bahru that practice lean manufacturing, hence, this organization being selected to carry out a case study on perception………  Definition of terms are not just conceptual definition but also operational definition. In your paper, only mentioned the meaning of the terms, that is conceptual part only. Operational definition is what items to be measured – for this study, it will be elements of barriers, elements for success strategies and elements for sustainable lean manufacturing.  Need to understand that your IVs are Barriers and Success Strategies while your DV is Sustainable Lean Manufacturing. | 26/12 |
| Chapter 2 – Review of literature   * 1. Previous studies   2. Project success criteria   3. Importance or organization factors for business project   4. Methodological issues   5. Conceptual framework |  | With the above IVs and DV, your literature review will be based on these variables and search for previous studies.  Within the articles, you may find whether the project success or not, any problems and importance of lean manufacturing.  Any methodological issues in early studies, you did mention about limitation on generalizability. Indirectly with this, you are moving into Qualitative instead of Quantitative.  Draw out your conceptual framework using the mentioned IVs and DV above. | 26/12 |
| Chapter 3 – Methodology   * 1. Theoretical framework   2. Research design   3. Framework for data analysis |  | What are the theoretical framework that other scholars had used in their research studies. Either there will be models or theories in explanation.  Research design for this case study will be considered as exploratory research – investigate something which is not clearly defined.  3.3 Research Design that diagram is actually research flow process, not research design. And your explanations were incomplete.  You are going to make decision what research method you are going to use. Quantative or Qualitative or Mixed Methods. I do not encourage mixed methods for master project as it will be time consuming.  Quantitative – survey using questionnaire, bigger sample.  Qualitative – interview to collect responses, lesser respondents.  Framework of data analysis being left out. Need to prepare for this using the table in the guideline.  (Figure 2 : Summary of Analytical Framework) | 26/12 |
| Chapter 4 – Data analysis and results   * 1. Description of statistical analyses in relation to research questions / hypotheses / objectives and presentation of relevant tables and figures |  | Please sort out Chapter 1,2 & 3 first. Leave this part aside. |  |
| Chapter 5 – Review of literature   * 1. Summary of main findings   2. Discussion   3. Implications   4. Limitations of the study   5. Directions for future research |  | Please sort out Chapter 1,2 & 3 first. Leave this part aside. |  |