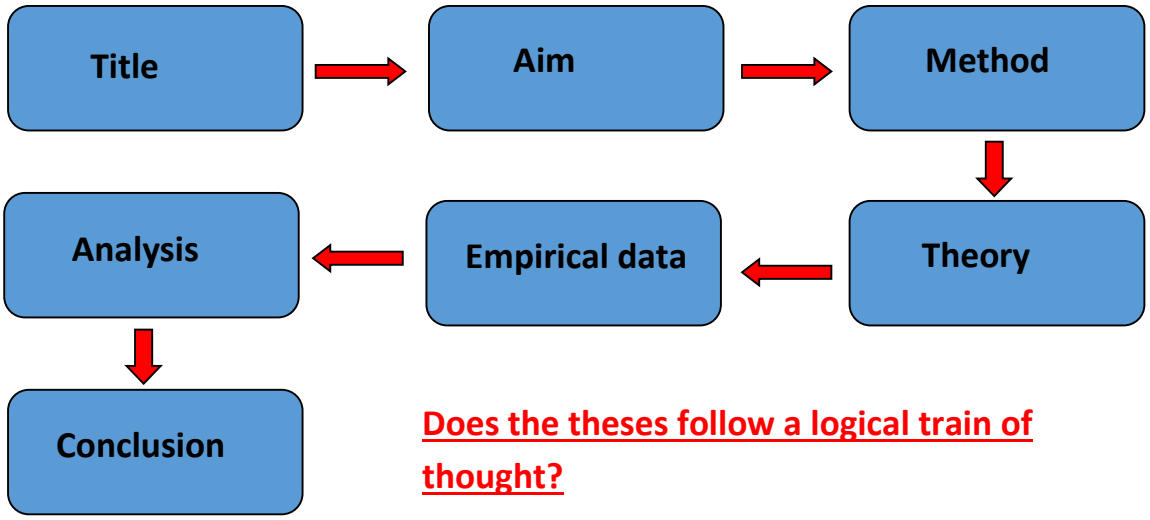
Checklist for theses work in Electronics at MIUN

2015-09-24



1. SUBJECT, PROBLEM DEFINITION

- ✓ Is the formulated problem relevant for the subject?
- ✓ Has a background investigation been done, literature, State-of-the-Art, etc.?

2. PROBLEM DISSCUSSION, AIM

- ✓ Are the problem and tasks clear?
- ✓ Are the tasks relevant to the defined problem?
- ✓ Is the aim of the problem clearly described?

3. BOUNDARIES

- ✓ Has the work got reasonable boundaries, and are these motivated?

4. THEORY CONNECTION

- ✓ Have theories, which are consistent with the problem and the purpose, been chosen?
- ✓ Have previous research/work been considered?
- ✓ Are only relevant theories included, or is anything missing?
- ✓ How are the selected theories treated?

5. METHOD

- ✓ What approach have the authors taken to the investigation, and how has it been chosen/motivated?
- ✓ Are alternative methods discussed in the thesis?
- ✓ Does the thesis discuss reliability and validity of the chosen method?

6. EMPIRICAL DATA

- ✓ How has the data collection been performed, and is this consistent with the described method?

- ✓ Is the extent of the empirical description appropriate?

7. ANALYSIS

- ✓ How has the empirical data been used?
- ✓ Are theories used to interpret the empirical data?
- ✓ What analysis method has been used?
- ✓ Does the analysis correspond to the content of the work?

8. CONCLUSION/RESULTS/SOLUTIONS

- ✓ Are the results and conclusions realistic/ based on the analysis of empirical data?
- ✓ Does the authors give any recommendations or suggestions for future work?
- ✓ Is the goal reached?

9. DISCUSSION

- ✓ Are conclusions tied together with the purpose, investigation topics, theory, previous research and results?
- ✓ Is the chosen method evaluated?
- ✓ Have boundaries been discussed?
- ✓ Are there suggestions for improvements?

10. REFERENCES

- ✓ What type of references has been selected and how are they presented?

11. OUTLINE OCH LOGIC

- ✓ Is the title selected based on the thesis content?
- ✓ Are the different sections logically connected to each other?
- ✓ Has any section been given too much or too little space?
- ✓ Is any section missing?

12. LANGUAGE, FIGURES AND TABLES

- ✓ Are there spelling or punctuation mistakes or similar weaknesses?
- ✓ Are the table of contents, headings and references consistent and accurate?
- ✓ Are figures, tables and their captions accurate?

13. ETHICAL APPROCH AND SOURCE CRITISISM

- ✓ Does the author show ability to design and evaluate technical solutions with respect to ethical and social aspects as well as sustainable development?
- ✓ Can you see what parts are taken from literature/ other sources and what parts are the author's own opinions?
- ✓ Is there a critical approach towards reference material taken from internet sources?
- ✓ Do the authors have a critical distance to the used theories and conclusions?

14. OVERALL IMPRESSION

- ✓ Does the thesis have a clear analytical approach and are the conclusions clear?
- ✓ What scientific value does the thesis have/ do authors contribute with something new?
- ✓ Does the work show that the authors can work independently and with a critical approach?