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ABSTRACT / SUMMARY

Complete this section using the guidelines to write your abstract.

This sections is limited to one page only.

PART A:

LITERATURE REVIEW

Submitted as 'Assignment 1' in partial fulfillment of the requirements of ECSA Graduate Attribute 4 for the module EES 424 - Research Project.

By submitting this section of the document, I confirm that

- the content in Part A is the latest / final evaluated version of *Assignment 1* that was uploaded to the AMS system,
- the content has not been changed to such an extent that it could be interpreted to mean something different from that as my final evaluated submission.
- the various revision control colour highlighting (changes highlighted in yellow represent a resubmission and changes highlighted in orange/red represent a further special intervention submission) have been untouched and remain intact.

Insert the body of your Assignment 1 submission here. The body of the submission refers only to the content, and not to any front matter (like the specific plagiarism statement, the cover page, table of contents, etc.). All front matter material should be removed.

Include your actual report here. **DO NOT include this page** / text / information. It merely serves as some additional information. Alternatively phrased, replace this page with your Assignment 1 submission.

PART B:

RESEARCH PROPOSAL

Submitted as 'Assignment 2' in partial fulfillment of the requirements of ECSA Graduate Attribute 4 for the module EES 424 - Research Project.

By submitting this section of the document, I confirm that

- the content in Part B is the latest / final evaluated version of *Assignment 2* that was uploaded to the AMS system,
- the content has not been changed to such an extent that it could be interpreted to mean something different from that as my final evaluated submission.
- the various revision control colour highlighting (changes highlighted in yellow represent a resubmission and changes highlighted in orange/red represent a further special intervention submission) have been untouched and remain intact.

Insert the body of your Assignment 2 submission here. The body of the submission refers only to the content, and not to any front matter (like the specific plagiarism statement, the cover page, table of contents, etc.). All front matter material should be removed.

Include your actual report here. **DO NOT include this page** / text / information. It merely serves as some additional information. Alternatively phrased, replace this page with your Assignment 2 submission.

PART C:

RESEARCH METHODOLOGY

Submitted as 'Practical 2 Report' in partial fulfillment of the requirements of ECSA Exit Graduate Attribute 4 and 5 for the module EES 424 - Research Project.

By submitting this section of the document, I confirm that

- the content in Part C is the latest / final evaluated version of *Practical 2 Report* that was uploaded to the AMS system,
- the content has not been changed to such an extent that it could be interpreted to mean something different from that as my final evaluated submission.
- the various revision control colour highlighting (changes highlighted in yellow represent a resubmission and changes highlighted in orange/red represent a further special intervention submission) have been untouched and remain intact.

Insert the body of your Practical 2 Report submission here. The body of the submission refers only to the content, and not to any front matter (like the specific plagiarism statement, the cover page, table of contents, etc.). All front matter material should be removed.

Include your actual report here. **DO NOT include this page** / text / information. It merely serves as some additional information. Alternatively phrased, replace this page with your Practical 1 Report submission.

PART D:

EXAMINATION REPORT

Submitted as part of the November examination in partial fulfillment of the requirements of ECSA Graduate Attribute 4 and 5 for the module EES 424 - Research Project.

By submitting this section of the document, I confirm that

- I have familiarised myself with the guidelines and requirements of this section as set out in the report framework document available through the course website,
- this is my own work and that I have conducted this research project in an ethical manner,
- I wish to be evaluated for my examination assignment on this copy of the report. I have double checked to verify that the content is correct, complete and representative of what I wish to be evaluated on.

1. RESEARCH METHODOLOGY (continued)

Note that for this part of the report, every section (there are six in total) should start on a new page, but subsections do not have the same requirement.

This section should be covered using two subsections.

1.1 Experimental methodology

To be completed by student

1.2 Experimental verification

To be completed by student

Section 1 is *limited to 2 pages*.

2. DATA COLLECTION

To be completed by the student. This section should summarize the outcome of Practical 1.

Section 2 is limited to 1 page.

3. RESULTS

The section should be covered using three subsections.

3.1 Results

To be completed by the student

3.2 Discussion of results

To be completed by the student

3.3 Comparison of results

To be completed by the student

Section 3 is limited to 3 pages.

4. CONCLUSION

To be completed by the student

Section 4 is limited to 1 page.

5. REFERENCES

To be completed by student

No page limit is set for this section.

APPENDIX A: SPECIALIST SOFTWARE UTILISATION

The section should be covered using three subsections.

A.1 Application of appropriate engineering methods.

<Insert> this section from your Practical 2 report.

A.2 Using appropriate engineering skills and tools.

<Insert> this section from your Practical 2 report.

A.3 Assessment of outcome from engineering methods, skills and tools.

To be completed by the student

Section A.3 is limited to 1 page.

The following two sections are optional, but limited to 3 pages.

A.4 Flow charts or diagrams of software implementations

Optionally: To be completed by the student

A.5 Additional results

Optionally: To be completed by the student