

## **KMU 314 BIOTECHNOLOGY I PROJECT REPORT OUTLINE**

You will prepare a project report according to the format given below. Please do not exceed 20 pages.

### **Cover page:**

The cover page should contain the information below:

- ✓ Title of your project
- ✓ Name of the course
- ✓ Your name and ID number
- ✓ The date of submission of the report.

### **1. Abstract:**

This section should contain:

- ✓ Objects of your process
- ✓ Explanation of your process
- ✓ Main results and conclusion

The above items should be covered within the text of the “summary”, using a few short sentences for each, without any subheadings. Do not include illustrations. Keep the length to 275-450 words.

### **2. Introduction:**

State the objectives of your process with explaining its necessity.

### **3. Related literature summary and developments in this field in chronological order:**

Summarize the studies from past to present in the literature regarding your project in chronological order.

### **4. Applied experimental methods:**

Explain the experimental methods applied within the scope of your process in detail.

### **5. General obtained results and discussion:**

Give the results obtained by the studies you analyzed. Compare and discuss the different methods.

### **6. Applications:**

In this section, explain all the application areas of your process.

## 7. **Concluding remarks and future prospects:**

Discuss the practicability of your process in industrial scale and indicate your foresight about the future applications.

## 8. **Conclusion:**

This final section re-presents the conclusions so they are accessible to someone reading quickly. The conclusions may be a series of numbered statements with the individual conclusions drawn from the experimental results. Recommendations should also be presented in this section.

The conclusions section answers these questions:

- ✓ What is the aim of your process?
- ✓ What are the main advantages and disadvantages of your process?
- ✓ What are the most important recommendations about your process?

## 9. **References:**

All references to books, journals, web sources etc. must be given at this section. They should be numbered in sequence starting at the beginning of the paper. The numbers should appear in the text at the appropriate places.

**Don't forget that the hard copies of minimum 5 journals you referred should be given in references. You also have to refer to at least one book. If you use web references, do not copy and paste. All the reports will be checked out for the existence of copy-paste.**

The rules on the writing of references are as follows:

Reference to a journal publication:

*Example:*

Van der Geer J, Hanraads JAJ, Lupton RA. The art of writing a scientific article. J Sci Commun 2010;163:51–9.

Reference to a book:

*Example:*

Strunk Jr W, White EB. The elements of style. 4th ed. New York: Longman; 2000.

Reference to a chapter in an edited book:

*Example:*

Mettam GR, Adams LB. How to prepare an electronic version of your article. In: Jones BS, Smith RZ, editors. Introduction to the electronic age. New York: E-Publishing Inc; 2009. p. 281–304.

Reference to a web page:

Archival references are preferred, but if web references must be used, the full URL should be given.