

M.Sc. in Industrial Analytical Chemistry

Research Proposal

Information about the student

- **Name** :
- **Contact information** :
- **Academic Year** :
- **Index number** :
- **Batch number** :
- **Date of Registration** :
- **GPA** :
- **Attendance Status: Full-time / Part-time**
- **Signature** :

- **Name(s) of supervisor(s), affiliation, and signature**
 - 1.
 - 2.
 - 3.
- **Proposed title of the MSc project** :
- **Places(s) of research work** :
- **Expected date of the commencement of the project** :
- **Expected date of the completion of the project** :

Official use only	
Date of submission of the proposal to the Coordinator	
Date of the proposal defense	
Date of commencement of the project	
Date of the thesis defense	
Date of submission of the final thesis.	
Any other matter	

Format of the proposal

1. Introduction, literature review, and background: (Word limit 500, 1.5 line spacing)

Provide a clear background of the research project with a sufficient literature review.

2. General and specific objectives: (In point form, Word limit 100, 1.5 line spacing)

General and specific objectives must be able to achieve within the given period.
All the objectives must be suitable for a MSc level research project.

3. Experimental Design: (Word limit 500, 1.5 line spacing)

All the analytical methods used in the project must be internationally accepted standard methods such as ASTM, ISO, or APHA methods or any other methods published in reputed journals indexed in Scopus, Science Citation, or Science Citation Index Expanded. If the research project is focused on analytical method development, the developed method has to be validated against any other accepted standard method or using certified reference materials (CRMs).

Use appropriate statistical methods for data analysis.

Some research projects involving the analysis of biological specimens might require an Ethical Clearance from the University of Sri Jayewardenepura. In such cases, students must provide evidence to prove that necessary clearance has been obtained from the relevant authorities or at least in the process of obtaining ethical clearance.

4. Time Frame:

One research credit is defined as 100 notional hours including time allocated for the literature survey. Students are required to spend at least 2,000 notional hours during the completion of the research project starting from the literature survey to the submission of the thesis after completion of the project.

For a full-time student, the minimum time duration of the research project has to be one year assuming a student works 8 hours per day and 20 days per month.

Use the following chart to show the tentative plan and indicate by a dot as shown,

Plan for year 20xx

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Literature survey												
Experimental work												
Thesis writing												

Plan for year 20xx

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Literature survey												
Experimental work												
Thesis writing												

5. References:

The minimum number of references is 10 and they have to be within 5 years from the proposal submission date. Use articles from reputed indexed journals. You are highly advised not to refer to grey literature.

References need to be organized according to the style of the American Psychological Association (APA), Harvard, or Vancouver.