

Oral Thesis Presentation format for Ph.D., M.Phil., and M.Sc. Degrees



**Department of Physics
Bangladesh University of Engineering and Technology**

Duration of Oral Thesis Presentation:

Ph.D : 50 minutes

M.Phil : 40 minutes

M.Sc : 30 minutes

Content of the Presentation

The Post-graduate students of Department of Physics are instructed to focus on the following points during their M.Sc./M.Phil/Ph.D thesis/progress report/final oral presentation:

- 1. Introduction**
- 2. Methods and Techniques (e.g. Sample Synthesis and Characterization Techniques)**
- 3. Results and Discussion**
- 4. Conclusions**
- 5. List of Publications**
- 6. Acknowledgements**

1. Introduction

- a) **Problem Statement:** A clear identification of the problem with examples is expected. The answer of the following questions might be inserted:
 - a) *What is the problem (Background of the research work) ?*
 - b) *What is the significance of the problem?*
- b) **Present State/Literature:** A brief literature review, i.e., the present state of the problem is expected. *The previous works that have been done already should be spelled out.*
- c) **Limitations of current state of the art (if any):** If there is any limitation of the current state of the art, it must be discussed. *Justification of the present research should be mentioned.*
- d) **Objectives and Outcomes:** The objectives and the outcomes must be spelled out clearly.

2. Materials and Methods (e.g. Sample Synthesis and Characterization Techniques)

This part should include about

- ✓ **The methodology**
- ✓ **Equipment (if the research is experimental)**
- ✓ **Data collection methods**
- ✓ **Working principle of any equipment's (if applicable)**

3. Results and Discussion

This chapter should include sequentially the outcomes of the research .

- ✓ State immediately the most important results before discussing them.
- ✓ Discuss your major findings with explanations based on your research or existing theories. Mention also the limitations of your findings if there is any.

4. Conclusions

- ✓ Point out the major findings as a summary.
- ✓ Mention concluding remarks.
- ✓ Suggest also further investigation required to complete this investigation or to understand the mechanism.



5. List of Publications

1.....

2.....

3.....



6. Acknowledgements

Briefly Acknowledge the laboratories, financial supporting authorities and persons who helped in your work.