

M.Sc. Semester - IV

MB-401	Seminar Presentation
	<ul style="list-style-type: none"> ➤ Students have to individually deliver a seminar on the advance or novel topic other than that mentioned in the curriculum. ➤ Topic should not be related to his/her dissertation. ➤ Maximum number of presentation slide should not exceed 25. ➤ A topic should be explained within 12 minutes, followed by counter questions from the examiners for 3 minutes. ➤ Students have to submit one copy of colour printed handouts (4 slides /page) of his/her presentation to the examiner.
MB-402	Report on Industrial Visit OR participation in Conference OR Symposium
	<ul style="list-style-type: none"> ➤ Students have to individually submit a printed copy of the report on Industrial visits and their participation in Conference/Symposium as per the prescribed format given below: ➤ Industrial Visit: <ul style="list-style-type: none"> • Profile of industry and including its management. • Product profile. • Flow sheet diagram of the entire process under taken. • List of instruments & process observed along with their significance. • Summary. • Proof of visit (Photographs/Images) ➤ Conference / Symposium: <ul style="list-style-type: none"> • Details of the Organizer & the Sponsor. • Scope of the conference. • List of resource person. • Abstract of topics delivered by them. • Category of theme covered in conference along with number of participants. • Knowledge enrichment and value addition from the proceedings. • Type of involvement/role of the student participant.
MB-403	Review Article
	<ul style="list-style-type: none"> ➤ Review Article <ul style="list-style-type: none"> • Students will be individually allotted a research paper for review. • The selected paper should be from a reputed peer reviewed journal having ISSN. • Selected Research paper should have been published during the last five years. • The research paper should not exceed 15 pages including

	<p>references.</p> <ul style="list-style-type: none"> Students have to answer the questionnaire as per the attached format and submit it to the department.
MB-404	Project/Dissertation
	<ul style="list-style-type: none"> ➤ Project work should be done individually on any topic of importance related to the subject. ➤ Project may be done in-house or at a recognized institution outside the campus as specified in the guidelines. ➤ The concerned candidates have to submit their Project/Dissertation in a standard Hard-Bound thesis format. ➤ The Thesis will be evaluated by an external examiner. ➤ The Project/Dissertation must be presented in a Power-Point Presentation by the concerned candidates within 15 minutes during their Dissertation Viva

QUESTIONNAIRE FOR REVIEW OF PAPER

INTRODUCTION

1. Is the information provided in the 'Introduction' section helps to understand the problem?
2. State the reasons for performing this study.
3. Define the objectives/hypothesis of the research.

METHODS

4. Can you suggest other samples, if applicable, that can be taken for the prescribe study to get the similar results?
5. Find other methods, if applicable, that can be appropriately used to fulfill the aim of the study.
6. Have you understood the rationale for the selection of technique(s) /method(s) in the given study?
7. Can you suggest alternate technique(s) /method(s), if applicable, that can be use to perform same analysis with its pros and cons?
8. Has sufficient information been provided to carry out the experiment? Do you think of any further information?
9. Can you think of additional experiments for this paper?

RESULTS AND DISCUSSION

10. Is all the essential data represented in form of figures and tables?
11. Is there any duplication/repetition of work in the form of tables or graphs?
12. What are the limitations of the study carried out?

CONCLUSION

13. Report the conclusion of the study supported by appropriate evidence from ‘Literature Review’.
14. Can you suggest the name of any other journal for this type of publication?
15. Suggest a ‘Future Line of Investigation’ for this type of research.

Guidelines and Rules for Dissertation

Standard Format / Style of Submission of Manuscripts

Submission of all manuscripts/thesis should be in a single MS Word file strictly adhering to the following parameters:

1. Thesis is to be printed in Times New Roman typing.
2. Font size to be kept 12.
3. Line Spacing should be 1.5
4. Thesis should contain:
 - a) Title page with the name(s) of the candidate, their Examination Seat Number, Name of the supervising teacher and the Name of the institute.
 - b) Authentication certificate of the institute.
 - c) Declaration
 - d) Acknowledgement.
 - e) Chapter wise Index with Sub-heads and page numbers.
 - f) Introduction (Maximum 05 Page).
 - g) Review of Literature. (Maximum 15 Page)
 - h) Aim & Objectives
 - i) Materials and Methods.
 - j) Results and Discussion.
 - k) Conclusion
 - l) Future line of investigation
 - m) Appendix
 - n) References.
5. All tables, charts, images should be at their appropriate places.

Figures & Tables: Each figure/table Should be numbered, titled. The position of figure or table should be placed at an appropriate place within the article only.

Project may be carried out in-house, or the student, after due sanction from the supervising teacher and institute, can opt for pursuing dissertation at following recognized institutions or industries like:

1. Any UGC recognized University PG departments.

2. Any Agriculture University.
3. All National and State level research institute.
4. ISO or FDA/USFDA industry or research center having R & D and Q.C. facilities.
