



**University of Mumbai**

॥ ivaVa ivanayaona SaaoBato ॥  
*Janardan Bhagat Shikshan Prasarak Sanstha's*



**Changu Kana Thakur**

**Arts, Commerce and Science College, New Panvel  
(Autonomous)**

**Revised Scheme of Evaluation for  
Continuous Assessments and  
Semester End Examinations  
for  
Post-graduate Programmes  
under  
Faculty of Science**

***Choice Based Credit System (CBCS) as Per NEP-2020***

***(To be implemented from Academic Year 2023-2024)***

# Revised Scheme of Examination

## Faculty of Science

### (Post-graduate Programmes)

#### Choice Based Credit System (CBCS)

#### ❖ Revised Scheme of Examination

The performance of the learners shall be evaluated into two components, as the first component by 'Internal Assessment (IA)' with 40% marks and as the second component by conducting the 'Semester End Examinations (SEE)' with 60% marks. The allocation of marks for the Internal Assessments and Semester End Examinations are as shown below:

#### **A) Internal Assessment (IA): 40 %** **40 Marks**

Sr. No.	Particular	Marks
01	One periodical class test / online examination to be conducted in the given semester	20 Marks
02	Test on Practical Skills/ Case studies /Group/ Individual Survey Project/Presentation and write up on the selected units of the courses/ Test based on tutorials /Book Review / Open Book Test	15 Marks
03	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation and exhibition of leadership qualities in organizing related academic activities	05 Marks

#### **Question Paper Pattern** **(Periodical Class Test)**

Maximum Marks: 20

Duration: 40 Minutes

Questions to be set: 02

All Questions are Compulsory

Question No.	Particular	Marks
Q-1	Match the Column / Fill in the Blanks / Multiple Choice Questions/ Answer in One or Two Lines (Concept based Questions) ( 1 Marks / 2 Marks each)	10 Marks
Q-2	Answer in Brief (Attempt any Two of the Three) (5 Marks each)	10 Marks

**B) Semester End Examination (SEE): 60 %****60 Marks**

- Duration: The examination shall be of  $2\frac{1}{2}$  hours duration.

***Question Paper Pattern*****Theory question paper pattern**

1. There shall be five questions each of 12 marks.
2. All questions shall be compulsory with internal options.
3. Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the unit.

**❖ Passing Standard**

The learners shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Internal Assessment and Semester End Examination. The learners shall obtain minimum of 40% marks (i.e. 16 out of 40) in the Internal Assessment and 40% marks in Semester End Examination (i.e. 24 Out of 60) separately, to pass the course and minimum of grade D in each project wherever applicable to pass a particular semester.

**❖ Guidelines and Evaluation pattern for project work (100 Marks)****Introduction**

Inclusion of project work in the course curriculum of the M.Sc. programme is one of the ambitious aspect in the programme structure. The main objective of inclusion of project work is to inculcate the element of research work challenging the potential of learner as regards to his/ her eager to enquire and ability to interpret particular aspect of the study in his/ her own words. It is expected that the guiding teacher should undertake the counselling sessions and make the awareness among the learners about the methodology of formulation, preparation and evaluation pattern of the project work.

- There are two modes of preparation of project work
  1. Project work based on research methodology in the study area
  2. Project work based on internship in the study area

# **Guidelines for preparation of Project Work**

## **Work Load**

Work load for Project Work is 01 (one) hour per batch of 15-20 learners per week for the teacher. The learner (of that batch) shall do field work and library work in the remaining 03 (three) hours per week.

### **1. General guidelines for preparation of project work based on research methodology**

- The project topic may be undertaken in any area of Elective Courses.
- Each of the learner has to undertake a Project individually under the supervision of a teacher-guide.
- The learner shall decide the topic and title which should be specific, clear and with definite scope in consultation with the teacher-guide concerned.
- University/college shall allot a guiding teacher for guidance to the students based on her / his specialization.
- The project report shall be prepared as per the broad guidelines given below:
  - Font type: Times New Roman
  - Font size: 12-For content, 14-for Title
  - Line Space : 1.5-for content and 1-for in table work
  - Paper Size: A4
  - Margin : in Left-1.5, Up-Down-Right-1
  - The Project Report shall be bounded.
  - The project report should be 80 to 100 pages

## Format

***1<sup>st</sup> page (Main Page)***

***Title of the problem of the Project***

**A Project Submitted to  
University of Mumbai for partial completion of the degree of  
Master in Science  
Under the Faculty of Science**

**By**

***Name of the Learner***

**Under the Guidance of**

***Name of the Guiding Teacher***

***Name and address of the College***

***Month and Year***

***2<sup>nd</sup> Page***

***This page to be repeated on 2<sup>nd</sup> page (i.e. inside after main page)***

*On separate page*

## **Index**

Chapter No. 1	Title of the Chapter	Page No.
(sub point 1.1, 1.1.1, .... And so on)		

Chapter No. 2	Title of the Chapter
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Chapter No. 3	Title of the Chapter
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Chapter No. 4	Title of the Chapter
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Chapter No. 5	Title of the Chapter
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**List of tables, if any, with page numbers.**

**List of Graphs, if any, with page numbers.**

**List of Appendix, if any, with page numbers.**

**Abbreviations used:**

# **Structure to be followed to maintain the uniformity in formulation and presentation of Project Work**

## ***(Model Structure of the Project Work)***

- **Chapter No. 1: Introduction**

In this chapter Selection and relevance of the problem, historical background of the problem, brief profile of the study area, definition/s of related aspects, characteristics, different concepts pertaining to the problem etc can be incorporated by the learner.

- **Chapter No. 2: Research Methodology**

This chapter will include Objectives, Hypothesis, Scope of the study, limitations of the study, significance of the study, Selection of the problem, Sample size, Data collection, Tabulation of data, Techniques and tools to be used, etc can be incorporated by the learner.

- **Chapter No. 3: Literature Review**

This chapter will provide information about studies done on the respective issue. This would specify how the study undertaken is relevant and contribute for value addition in information/ knowledge/ application of study area which ultimately helps the learner to undertake further study on same issue.

- **Chapter No. 4: Data Analysis, Interpretation and Presentation**

This chapter is the core part of the study. The analysis pertaining to collected data will be done by the learner. The application of selected tools or techniques will be used to arrive at findings. In this, table of information's, presentation of graphs etc. can be provided with interpretation by the learner.

- **Chapter No. 5: Conclusions and Suggestions**

In this chapter of project work, findings of work will be covered and suggestion will be enlisted to validate the objectives and hypotheses.

***Note: If required more chapters of data analysis can be added.***

- **Bibliography**
- **Appendix**

*On separate page*

*Name and address of the college*

## ***Certificate***

This is to certify that Ms/Mr has worked and duly completed her/his Project Work for the degree of Master in Science under the Faculty of Science in the subject of

\_\_\_\_\_ and her/his project is entitled, "  
*Title of the Project* \_\_\_\_\_" under my supervision.

I further certify that the entire work has been done by the learner under my guidance and that no part of it has been submitted previously for any Degree or Diploma of any University.

It is her/ his own work and facts reported by her/his personal findings and investigations.



Name and Signature of  
Guiding Teacher

Date of submission:



On separate page

## ***Declaration by learner***

I the undersigned Miss / Mr. \_\_\_\_\_ *Name of the learner* here by,  
declare that the work embodied in this project work titled “ \_\_\_\_\_  
\_\_\_\_\_ *Title of the Project* \_\_\_\_\_ ”,  
forms my own contribution to the research work carried out under the guidance of  
\_\_\_\_\_ *Name of the guiding teacher* \_\_\_\_\_ is a result of my own research work and has  
not been previously submitted to any other University for any other Degree/  
Diploma to this or any other University.

Wherever reference has been made to previous works of others, it has been clearly  
indicated as such and included in the bibliography.

I, here by further declare that all information of this document has been obtained  
and presented in accordance with academic rules and ethical conduct.

Name and Signature of the learner

Certified by

Name and signature of the Guiding Teacher

*On separate page*

## **Acknowledgment**

***(Model structure of the acknowledgement)***

To list who all have helped me is difficult because they are so numerous and the depth is so enormous.

I would like to acknowledge the following as being idealistic channels and fresh dimensions in the completion of this project.

I take this opportunity to thank the **University of Mumbai** for giving me chance to do this project.

I would like to thank my **Principal**, \_\_\_\_\_ for providing the necessary facilities required for completion of this project.

I take this opportunity to thank our **Coordinator** \_\_\_\_\_, for her moral support and guidance.

I would also like to express my sincere gratitude towards my project guide \_\_\_\_\_ whose guidance and care made the project successful.

I would like to thank my **College Library**, for having provided various reference books and magazines related to my project.

Lastly, I would like to thank each and every person who directly or indirectly helped me in the completion of the project especially **my Parents and Peers** who supported me throughout my project.

## 2. Guidelines for Internship based project work

- Minimum 20 days/ 100 hours of Internship with an Organisation/ NGO/ Charitable Organisation/ Private firm.
- The theme of the internship should be based on any study area of the elective courses
- Project Report should be of minimum 50 pages
- Experience Certificate is Mandatory
- A project report has to be brief in content and must include the following aspects:

- **Executive Summary:**

A bird's eye view of your entire presentation has to be precisely offered under this category.

- **Introduction on the Company:**

A Concise representation of company/ organization defining its scope, products/ services and its SWOT analysis.

- **Statement and Objectives:**

The mission and vision of the organization need to be stated enshrining its broad strategies.

- **Your Role in the Organisation during the internship:**

The key aspects handled, the department under which you were deployed and brief summary report duly acknowledged by the reporting head.

- **Challenges:**

The challenges confronted while churning out theoretical knowledge into practical world.

- **Conclusion:**

A brief overview of your experience and suggestions to bridge the gap between theory and practice.

- The project report based on internship shall be prepared as per the broad guidelines given below:

- Font type: Times New Roman
- Font size: 12-For content, 14-for Title
- Line Space : 1.5-for content and 1-for in table work
- Paper Size: A4
- Margin : in Left-1.5, Up-Down-Right-1
- The Project Report shall be bounded.

## Evaluation pattern of the project work

The Project Report shall be evaluated in two stages viz.	
• <b>Evaluation of Project Report (Bound Copy)</b>	<b>60 Marks</b>
▪ Introduction and other areas covered	20 Marks
▪ Research Methodology, Presentation, Analysis and interpretation of data	30 Marks
▪ Conclusion & Recommendations	10 Marks
• <b>Conduct of Viva-voce</b>	<b>40 Marks</b>
▪ In the course of Viva-voce, the questions may be asked such as importance / relevance of the study, objective of the study, methodology of the study/ mode of Enquiry (question responses)	10 Marks
▪ Ability to explain the analysis, findings, concluding observations, recommendation, limitations of the Study	20 Marks
▪ Overall Impression (including Communication Skill)	10 Marks

### Note:

- *The guiding teacher along with the external evaluator appointed by the University/ College for the evaluation of project shall conduct the viva-voce examination as per the evaluation pattern.*
- *The plagiarism should be maintained as per the UGC guidelines.*

## Passing Standard

- Minimum of Grade D in the project component
- In case of failing in the project work, the same project can be revised for ATKT examination.
- Absence of student for viva voce: If any student fails to appear for the viva voce on the date and time fixed by the department such student shall appear for the viva voce on the date and time fixed by the Department, such student shall appear for the viva voce only along with students of the next batch.

**Note: It is noted that the concerned regulation of the College is amended and implemented to all Semesters i.e. Semester I to Semester IV to all post-graduate programmes, under faculty of Arts, Commerce and Science with effect from the academic year 2023 - 2024.**