

Two Year Master of Science (M. Sc.) Degree Examination

Scheme of Examination for Two Year Master of Science (M.Sc.) Program from Academic Session 2023-24

Preamble:

The Academic Council of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur has adopted the Government Resolution No. NEP-2022/प्र.क्र.09/विशी-3/शिकाना dated 16th May 2023 issued by the Government of Maharashtra in view of implementation of National Education Policy, 2020. The teaching and examination scheme for Master of Science (M.Sc.) program has been prepared by the respective Board of Studies and is approved by the members of the Faculty of Science and Technology in its meeting dated 5th August 2023.

1. Details of eligibility for M.Sc. Semester - I Examination

Subject to the compliance with the provisions of the Direction and other Ordinances in force from time to time, the following applicants shall be eligible for the admission to Master of Science and Examination thereof.

Applicants who have passed the B.Sc. Examination of Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) or any statutory University in India or abroad recognized by University Grants Commission (UGC) or any other relevant apex regulatory authority or body of India an Examination recognized as equivalent thereto, are eligible for admission to the M.Sc. Semester – I programs for their examination, provided applicant has secured an aggregate of not less than 45% marks at the B.Sc. Examination. A relaxation of 5% in aggregate marks will be given to the students belonging to the reserved category.

Program: M. Sc.

SN	'Major' to be offered	Eligibility for admission to Semester - I	Code
1	Chemistry	A candidate should have opted Chemistry/ Industrial Chemistry as one of the subjects at B.Sc. Examination.	CH
2	Physics	A candidate should have opted Physics as one of the subjects at B.Sc. Examination.	PH
3	Mathematics	A candidate should have opted Mathematics as one of the subjects at B.Sc. Examination.	MT
4	Zoology	A candidate should have opted Zoology as one of the subjects at B.Sc. Examination.	ZO
5	Botany	A candidate should have opted Botany as one of the subjects at B.Sc. Examination/B.Sc. (Agriculture) with Botany as one of the subjects.	BO
6	Biochemistry	A candidate should have opted Biochemistry as one of the subjects at B.Sc. Examination.	BC
7	Microbiology	A candidate should have opted Microbiology/ Biotechnology as one of the subjects at B.Sc. Examination.	MI
8	Biotechnology	A candidate shall be any Life-Science graduate or Agriculture or Veterinary or Fishery Science or Pharmacy or B.Tech./BE Biotechnology or MBBS or BDS graduate.	BT
9	Environmental Science	A candidate should have opted Environmental Science as one of the subjects at B.Sc. Examination or B.Sc. (Agriculture Science) having Environmental Science as one subject.	ES
10	Geology	A candidate should have opted Geology as one of the subjects at B.Sc. Examination.	GE

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11	Forensic Science	A candidate shall have B.Sc. Forensic Science (Degree with all optional papers related to different disciplines of Forensic Science).	FS
12	Electronics	A candidate should have opted Electronics as one of the subjects at B.Sc. Examination or B.Sc. Electronics with Computer Maintenance as one subject	EN
13	Computer Science	A candidate should have opted Computer Science as one of the optional subjects at B.Sc. or B.Sc. with optional subject as Computer Maintenance/ B.Sc. (Information Technology)/ Bachelor of Computer Application (BCA)/B.Sc. (Data Science) or B.Sc./BE/BTech with Post B.Sc. Diploma course in Computer Science & Application of RTMNU.	CS
14	Information Technology	A candidate should have opted Information Technology as one of the optional subjects at B.Sc. or B.Sc. with optional subject as Computer Maintenance/ B.Sc. (Computer Science)/ Bachelor of Computer Application (BCA)/ B.Sc. (Data Science) or B.Sc./BE/BTech with Post B.Sc. Diploma course in Computer Science & Application of RTMNU.	IT
15	Fashion Design	A Candidate should have passed Bachelor/B.Sc. in Fashion Design or B.Sc. (Home Science/Garment Technology) or B.A. in Fashion Design or Batchelor in Khadi Production Design or Batchelor in Fashion Business Management or B.Voc. in Fashion Design or BFA/MFA/M.A. (Home Economics) or Graduation in Textile Science/Textile Design/Handloom Technology/Fashion Accessories/Apparel Merchandising or any graduate with one/two year Diploma or Certificate course in Fashion Design/Garment Technology/Fashion Technology, Dress Designing or Dress Making relevant experience in Fashion Design.	FD
16	Textile Design	A Candidate should have passed Bachelor/B.Sc. in Textile Design/Textile Science/Home Science/Textile or Handloom Technology or BE/BTech in Textile Technology or B. Design/Graduation in Textile, Knitwear or Fashion.	TS
18	Cosmetic Tech.	A Candidate should have passed Bachelor/B.Sc. in Cosmetic Technology (four-year degree).	CT
19	Hospitality Management	Four Year Degree in Hospitality Management/Hotel Management & Catering Technology/Hotel Management/Hospitality Studies or three-year degree in Hospitality Management/Hotel Management & Catering Technology/Hotel Management/Hospitality Studies with one-year relevant experience.	HM
20	Textile & Clothing	A candidate should have B.Sc. (Home Science) or Bachelor/B.Sc. in Textile Design/Fashion Design/Fashion Technology/Textile Science or Textile Degree course.	TC
21	Human Development	A candidate should have B.Sc. (Home Science) or B.A. or M.A. (Home Economics/Psychology) or M.S.W. or MBBS or B.A. with additional Psychology.	HD
22	Extension Education	A candidate should have B.Sc. (Home Science/Agriculture), or M.A. (Home Economics) or B.S.W. or B.A. (Rural Services), or Post Graduate Diploma in Mass Communication or Bachelor of Veterinary Science.	EE

NOTES:

- Total intake capacity for the program as approved by the university shall remain the same and be divided amongst the 'Major' subjects allowed for M. Sc. program.
- The COLLEGE may offer a particular 'Major' subject depending on the availability of students and teachers.

The COLLEGE is not expected to force any student to opt for a particular subject where a choice is provided in the scheme of examination.

2. Duration of the Program, student progression path and provisions for Multiple Entry and Exit

- a. Duration of the M. Sc. Program shall be TWO years with the provision for multiple exit as mentioned here:
 - a. A student can exit the program after successful completion of 1st and 2nd semesters having earned requisite number of credits as mentioned in the scheme of examination. Such a student shall be eligible for the award of 'Post Graduate Diploma in Science' with a major by the University.
- OR**
- a student can continue the program in 2nd year in order to become eligible for the award of 'Master of Science' degree with a major subject by the university.
- b. Re-entry or Lateral Entry
 - a. Students, opting for exits at any level, will have the option to re-enter the programme from where they have left off, in the same or in a different higher education institution will be permissible up to 5 years from the date of admission to PG program.
 - b. Re-entry at various levels for lateral entrants in academic programmes shall be based on the earned and valid credits as deposited and accumulated in the Academic Bank of Credits (ABC) through Registered Higher Education Institutions and proficiency test records.

Eligibility for Award of PG Diploma/Degree

Semester Completion	No. of Minimum Credits Required	Additional Credit Requirement	Eligible For
I and II	40	Nil	Post Graduate Diploma in Science with Major
III and IV	82	Nil	Master of Science Degree with Major

3. Selection of 'Major' Subject

A student admitted to this program is required to select any one of the following subjects as 'Major' subject to the availability of a particular subject in a particular college and is required to undergo and successfully complete the 'Core' and 'Elective' courses as mentioned in the scheme of examination of the selected 'Major' subject.

4. Availability of 'Major' and 'Intake Capacity'

All colleges affiliated to the University for offering **Master of Science (M. Sc.)** Program/s in the Faculty of Science and Technology shall have their intake as approved by RTM Nagpur University. The available Major programs for M.Sc. are listed in the table given in clause 1 above.

5. All colleges affiliated to the University offering M. Sc. Program are required to put up a list of 'Major' subjects it is offering on the Notice Board as well as on the website of the college to make students aware about the availability of subjects. Moreover, colleges are expected to define and display the 'Standard Operating Procedures' for the college faculty members and students to facilitate the process of selecting 'Major' subjects.
6. In pursuance with the National Education Policy 2020 and a Government Resolution No. NEP-2022/प्र.क्र.09/विशी-3/शिकाना dated 16th May 2023 issued by the Government of Maharashtra, the credit framework for M. Sc.. Program shall be as mentioned in **Annexure – I**.

7. Evaluation Scheme for OJT/FP/CEP and RP

A student of M. Sc. Semester – II has to compulsorily undergo 'On Job Training'. Similarly, a student of M. Sc. Semester – III and IV is required to undertake a 'Research Project'. Scope of these courses and their detailed evaluation scheme is appended in **Annexure – III**.

8. Teaching and Examination Scheme

Teaching and Examination Schemes for all available 'Major' subjects for Master of Science (M. Sc.) degree are appended in **Annexure – II**.

9. Grade Conversion Table and Computation of SGPA and CGPA**Grade Conversion Table (Theory)**

SN	Letter Grade	Grade Point	Mark Range	Performance
1	O	9.00 - 10.00	90 – 100	Outstanding
2	A+	8.00 - < 9.00	80 - < 90	Excellent
3	A	7.00 - < 8.00	70 - < 80	Very Good
4	B+	6.00 - < 7.00	60 - < 70	Good
5	B	5.50 - < 6.00	55 - < 60	Above Average
6	C	5.00 - < 5.50	50 - < 55	Average
7	P	4.00 - < 5.00	40 - < 50	Pass
8	F	Below 4	Below 40	Fail
9	AB	0	-	Absent

Grade Conversion Table (Practical)

SN	Letter Grade	Grade Point	Mark Range	Performance
1	O	9.00 - 10.00	90 – 100	Outstanding
2	A+	8.00 - < 9.00	80 - < 90	Excellent
3	A	7.00 - < 8.00	70 - < 80	Very Good
4	B+	6.00 - < 7.00	60 - < 70	Good
5	B	5.50 - < 6.00	55 - < 60	Above Average
6	P	5.00 - < 5.50	50 - < 55	Pass
7	F	Below 5	Below 50	Fail
8	AB	0	-	Absent

Computation of SGPA & CGPA:

The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

$$SGPA (Si) = \frac{\sum (Ci \times Gi)}{\sum Ci}$$

where C_i is the number of credits of the i th course and G_i is the grade point scored by the student in the i th course.

- The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$CGPA = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

where S_i is the SGPA of the i th semester and C_i is the total number of credits in that semester.

iii. The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

iv. **CGPA to Percentage (%) conversion formula:**

$$\text{Percentage (\%)} = (\text{CGPA}) \times 10$$

10. Credit Specifications:

- Theory/Tutorial Courses: One hour/credit/week (a minimum of 15 hours of teaching per credit is required in a semester).
- Laboratory/Performance Based Courses: A minimum of 30 hours in laboratory or Performance Based activities is required in a semester. Performance based activities include Studio activities, Workshop based activities, internship, Apprenticeship, Field based learning, community engagement learning, etc.
- Each semester will consist of at least 15 weeks of Academic Work equivalent to 90 actual teaching days.

11. Assessment

- The final total assessment of examinees shall be made in terms of Continuous Internal Assessment (CIE) for 20% component and Semester End Examination (SEE) for 80% component for each THEORY course mentioned in the scheme of examination.
- The final total assessment of examinees shall be made in terms of Continuous Internal Assessment (CIE) for 50% component and Semester End Examination (SEE) for 50% component for each Practical course mentioned in the scheme of examination.
- 'On Job Training/Internship' being a PRACTICAL course shall be assessed as given in the scheme as per the 'Evaluation Rubrics' mentioned in **Annexure – III**.
- 'Research Project' being a PRACTICAL course shall be assessed as given in the scheme as per the 'Evaluation Rubrics' mentioned in **Annexure – III**.

Continuous Internal Assessment

1a	Attendance of the student during a particular semester	05 Marks
1b	An assignment based on curriculum to be assessed by the teacher concerned	05 Marks
1c	Subject wise class test or Performance Based Activities conducted by the teacher concerned	10 Marks
1	Continuous Internal Evaluation Total marks	20

- Expected Performance Based Activities shall consist of the following: (a) Group Discussion (b) Seminars (c) Power Point Presentations (d) Elocution (e) Debate (f) Role Play (g) Case Studies (h) Educational Games. The teacher is expected to undertake a minimum of four of the aforesaid activity.
- The CIE marks will be communicated to the University at the end of each semester, but before the semester end examinations / as instructed by the university. These marks will be considered for the declaration of the results.
- The record of CIE marks, evaluation & results should be maintained for a period of one year by the respective institute/college for verification by the competent authority.

12. Attainment of Course Outcomes

- Continuous Internal Assessment shall be carried out at college/department level in such a way the attainment of prescribed learning outcomes can be measured. The college/department concerned is required to define evaluation rubrics for 'Performance Based Activities' conducted for CIE.
- Semester End Examinations are conducted by the university. The question papers for these examinations are required to be set in such a way that the attainment of prescribed learning outcomes can be measured.

13. Standard of Passing

The scope of the subject, percentage of passing in Theory and Project and Internal Assessment will be governed as per following rules:

- In order to pass the Master of Science (M. Sc.) 1st, 2nd, 3rd and 4th Semester Examinations, an examinee shall obtain not less than 40 % (Letter Grade P) marks in each theory course/paper, taking CIE & SEE together. Whereas, for practical/performance-based examination an examinee shall obtain not less than 50 % (Letter Grade P) marks in each practical, taking CIE & SEE together. Moreover, a student is required to secure not less than 50% marks in aggregate i.e., taking all courses together in order to become eligible for the award of M. Sc. degree.
- An examinee who is unsuccessful at the examination shall be eligible for admission to the subsequent examinations on payment of a fresh fee prescribed for the examination together with the conditions of the ordinance in force from time to time.

14. Rules for ATKT (Allowed to Keep Term):

An unsuccessful examinee at any semester examination shall be **ALLOWED TO KEEP TERM** as per following conditions:

Admission to Semester	Eligibility for admission and taking University Examination
Year I (Semester – I & II)	Candidate should have passed the qualifying examination as per the relevant Direction governing the course.
Year II (Semester – III & IV)	Candidate should have completed the term of the II nd semester, filled the examination form of the same and has obtained exemption in 2/3 rd passing heads of the I st and II nd semesters taken together.

15. Abbreviations Used:

CIE: Continuous Internal Evaluation SEE: Semester End Examination

OJT: On Job Training (Internship/Apprenticeship), RM: Research Methodology, RP: Research Project

16. Provision for Transfer of Credits

The M.Sc. program offered under this direction provides enhanced academic flexibility to students in terms of selecting the courses they want to learn. A student can opt for any course from any statutory/recognized University or a MOOC from SWAYAM/NPTEL in lieu of a course mentioned in this scheme of examination as 'Elective' course. The mechanism for transfer of credits earned through these courses to be adhered is mentioned here:

1. Every student is mandatorily required to create an ID on Academic Bank of Credits (ABC) and shall submit her/his ID to the college.
2. Any Course mentioned in this scheme of examination under 'Elective' can be opted out by a student for taking a MOOC from SWAYAM/NPTEL learning platform.
3. A student cannot opt out any of the compulsory (Core) courses.
4. If a student is willing to opt out any 'Elective' course, he/she will have to mention this while submitting the examination form to the University for respective semester.
5. A certificate of completion of such an ODL/Online course shall be submitted by the student to the University through college before end term evaluation.
6. Such a certificate shall mandatorily have the number of credits, duration of the course and grades/marks obtained by the student and shall preferably have a QR code for verification.
7. The college shall submit the grades and marks obtained by the student to the University along with Internal Assessment marks for the concerned examination.
8. If a student has opted for an ODL/Online course in a particular semester and failed to submit the certificate within prescribed time, the student will be marked for 'Absent' for a particular course in that examination. Such a student will be required to fill in the examination form in the consecutive attempt and submit the passing certificate in order to get his/her corrected result.
9. A separate guideline 'Transfer of Credits' issued by the University will be applicable to the students of M. Sc. Program from the date of its issuance.

Annexure – I: Credit Structure given by Govt. of Maharashtra as per GR dated 16/05/2023

Annexure – II: Scheme of teaching & examination of all Major programs

Annexure – III: Rubrics and evaluation scheme for performance-based activities i.e.,
FP/OJT/RP etc.

NOTE: This scheme of teaching and examination for Two Year Master of Science (M. Sc.) Program shall be effective from the academic session 2023-24 and a comprehensive direction for other regulations in this connection shall be soon issued by the University.

Annexure – III

DETAILS OF 'ON JOB TRAINING/FIELD PROJECT/ INTERNSHIP AND RESEARCH PROJECT

[A] GUIDELINES FOR 'ON JOB TRAINING /FIELD PROJECT/ INTERNSHIP

Semester II – 4 Credits

1. Learning Outcomes

CO1	Student will be able to explain the profile of the institute/ company/ industry where the OJT/Internship has been carried out. OR Student will be able to describe the need for objective of undertaking the field project.
CO2	The student will be able to assess its Strengths, Weaknesses, Opportunities and Challenges (SWOC). OR Student will be able to list the outcomes of the Field Project.
CO3	Student will be able to determine the challenges and future potential of OJT/Internship. OR Student will be able to describe the profile of respondents / community involved in the 'Field Project'.
CO4	Student will be able to correlate theoretical classroom learning and its application in practical situations by accomplishing the tasks undertaken during OJT/Internship/FP.
CO5	Student will be able to apply various soft skills such as time management, positive attitude, and communication skills, scientific temperament during OJT/Internship/FP.
CO6	Student will be able to suggest improvements in processes/systems based on his experiences during OJT/Internship/FP.

- Every student admitted to M.Sc. Second Semester is compulsorily required to undergo this course bearing 4 credits.
- During second semester, all students will have to undergo OJT/Internship/FP of 120 Hours.
- Each student will be required to submit a detailed report to the Department/ College/ Institute for the work undertaken during this period **within 7 days of completion of the training** following which the evaluation and assessment for OJT/Internship/FP will be done by the college/institute concerned. The Report submitted must be according to the Learning outcomes and in tune with the rubric for evaluation.
- College/Institute is required to assign Supervisor/Mentor to students for OJT/Internship/FP who will guide the students in attaining the outcomes of this course.
- It is desirable to appoint an external examiner from the company/organization where a student has completed his OJT/Internship/FP. However, the Principal/ HOD may appoint any other industry professional or subject expert as an external examiner. The remuneration (Rs. 200/- per student for internal and external examiner each), TA/DA or Conveyance Allowance to external examiner may be paid by the college/institute which will be reimbursed by the university as per established rules.
- The Internal Examiner and External Examiner shall jointly evaluate the report submitted by the student and her/his seminar and shall immediately submit the evaluation report in the prescribed format provided along with.
- The College/Institute shall submit marks obtained by students to the university as per prevalent system within 3 days of evaluation.



Annexure – III

DETAILS OF 'ON JOB TRAINING/FIELD PROJECT/ INTERNSHIP AND RESEARCH PROJECT

[A] GUIDELINES FOR 'ON JOB TRAINING /FIELD PROJECT/ INTERNSHIP

Semester II – 4 Credits

1. Learning Outcomes

CO1	Student will be able to explain the profile of the institute/ company/ industry where the OJT/Internship has been carried out. OR Student will be able to describe the need for objective of undertaking the field project.
CO2	The student will be able to assess its Strengths, Weaknesses, Opportunities and Challenges (SWOC). OR Student will be able to list the outcomes of the Field Project.
CO3	Student will be able to determine the challenges and future potential of OJT/Internship. OR Student will be able to describe the profile of respondents / community involved in the 'Field Project'.
CO4	Student will be able to correlate theoretical classroom learning and its application in practical situations by accomplishing the tasks undertaken during OJT/Internship/FP.
CO5	Student will be able to apply various soft skills such as time management, positive attitude, and communication skills, scientific temperament during OJT/Internship/FP.
CO6	Student will be able to suggest improvements in processes/systems based on his experiences during OJT/Internship/FP.

- Every student admitted to M.Sc. Second Semester is compulsorily required to undergo this course bearing 4 credits.
- During second semester, all students will have to undergo OJT/Internship/FP of 120 Hours.
- Each student will be required to submit a detailed report to the Department/ College/ Institute for the work undertaken during this period **within 7 days of completion of the training** following which the evaluation and assessment for OJT/Internship/FP will be done by the college/institute concerned. The Report submitted must be according to the Learning outcomes and in tune with the rubric for evaluation.
- College/Institute is required to assign Supervisor/Mentor to students for OJT/Internship/FP who will guide the students in attaining the outcomes of this course.
- It is desirable to appoint an external examiner from the company/organization where a student has completed his OJT/Internship/FP. However, the Principal/ HOD may appoint any other industry professional or subject expert as an external examiner. The remuneration (Rs. 200/- per student for internal and external examiner each), TA/DA or Conveyance Allowance to external examiner may be paid by the college/institute which will be reimbursed by the university as per established rules.
- The Internal Examiner and External Examiner shall jointly evaluate the report submitted by the student and her/his seminar and shall immediately submit the evaluation report in the prescribed format provided along with.
- The College/Institute shall submit marks obtained by students to the university as per prevalent system within 3 days of evaluation.



[A-1] EVALUATION REPORT OF OJT/INTERNSHIP/FP

M.Sc. (Major Subject) Examination, _____

Name of Student: _____

OJT/SIP Title: _____

Roll No. _____

Max. Marks: 100

CRITERION	Parameters	Score
Continuous Internal Evaluation	Regularity, punctuality, sincerity, scientific temperament and feedback from the Organization where OJT/Internship/ FP has been carried out	____ out of 50
Organization Profile	Basic information about the organization where the OJT/Internship/ FP has been carried out	____ out of 10
SWOC analysis	SWOC analysis, Key challenges & opportunities, Goals and objectives of the OJT/Internship/ FP	____ out of 10
Application of theoretical knowledge and Conclusions	Details of the work done, experiments carried out, new techniques learnt, hands on training gained etc. Specific Conclusions based on empirical evidences. Recommendations based on practical feasibility	____ out of 10
Report on OJT/Internship/ FP	One copy of spiral bound report duly signed by the Mentor and HOD to be submitted to the College/ Institute/ Department	____ out of 10
Presentation	A powerpoint presentation based on work carried out and viva voce by external examiner.	____ out of 10
Total Marks Scored out of 100		
Name and Signature of Internal Examiner		Name and Signature of External Examiner

[B] GUIDELINES FOR RESEARCH PROJECT

Semester III – 4 Credits

Semester IV – 6 Credits

1. Learning Outcomes:

On completion of the research project, the learner will be able to –	
CO1	Formulate a research problem statement under a given state of conditions
CO2	Carry out Review of Literature in the context of defined research problem and identify research gap
CO3	Develop Constructs, design data collection instruments and collect data using appropriate sampling technique and/or experiments
CO4	Analyse data to arrive at meaningful findings and conclusions using appropriate statistical tools with reference to defined research problem
CO5	Write a project report explaining research problems, hypotheses (if any), data collection, analysis of data, findings, conclusions, and future scope
CO6	Defend the research design, methods, and findings in the Open Defence Examination

Note: This table gives generic COs. COs may vary with reference to the requirement of a program (course)

2. The research project is a compulsory course carrying 10 credits (3rd Semester – 4 Credits and 4th Semester – 6 Credits) to become eligible for award of degree of Master of Commerce under this scheme of examination.
3. College/Institute is required to assign Supervisor to students for Research Project who will guide the students in attaining the outcomes of this course. One such supervisor can supervise maximum 20 students in a session.
4. A supervisor shall be a full-time teacher working with the college/institute concerned. However, in case of non-availability of adequate number of full-time teachers, an ad-hoc or CHB teacher can be appointed as a supervisor. In certain cases, an industry professional or subject expert can also be appointed as a supervisor by the Principal of college/ HOD of the Department. Supervisors shall not claim any additional remuneration/honorarium for guiding students.
5. Guidelines for Research Project:
 - a. Objective: - Every student will be assigned a project in 3rd and 4th Semesters and it will be pursued by him/her under the supervision of an internal supervisor. The objective of the Project Work is to help the student develop his/her ability to apply multidisciplinary concepts, tools and techniques to solve organizational problems and/or to evolve new/innovative theoretical frame work.
 - b. Types of Project: The Project may take any one of the following forms (not limited to these):
 1. Research project
 2. Review project
 3. Field study
 - c. **Submission of the Research Project Report:** Every student shall submit a Hard Copy of the Research Project Report duly signed by the student and supervisor to the college/institute. Following documents are required to be submitted with the Research Project Report:
 - i. A certificate from the Supervisor to the effect that the candidate has satisfactorily completed the Project work for not less than one session and that the Project work



- is the result of the candidates own work and is of sufficiently high standard to warrant its presentation for examination
- ii. A declaration by the candidate that the Project is the result of his/her own research work and the same has not been previously submitted to any examination of this University or any other University. The Project shall be liable to be rejected and /or cancelled if found otherwise.
 - iii. A certificate obtained through anti-plagiarism software stating that the original content of the project work report is more than 70% must be attached at the beginning of the project report and/or A certificate from the Supervisor to the effect that the candidate has not copied / plagiarised the contents of project report and that the supervisor has ensured the originality & authenticity of data /contents incorporated in the project report.
- d. General Format of the Report: The project report should preferably be written in the following format (The format may vary depending on the nature of research topic):
- i. Introduction
 - ii. Literature survey
 - iii. Aim and objective(s)
 - iv. Materials and Method (Experimental)
 - v. Results and Discussion
 - vi. Conclusion
 - vii. Future scope
 - viii. References/ Bibliography
6. The College/Institute shall schedule the project presentation by the students during semester end examination. The presentation shall be evaluated by the supervisor/mentor assigned to a student (as an internal examiner) and an external examiner appointed by the college/institute.
 7. The External Examiner for evaluation of Research Project Report shall be appointed by the University through its established rules and procedures. The remuneration (Rs. 200 per student for Internal and External Examiners), TA/DA or Conveyance Allowance to external examiner may be paid by the college/institute which will be reimbursed by the university as per established rules.
 8. The Internal Examiner and External Examiner shall jointly evaluate the report submitted by the student and her/his seminar and shall immediately submit the evaluation report in the prescribed format provided along with.
 9. The College/Institute shall submit marks obtained by students to the university as per prevalent system within 3 days of evaluation.

DETAILS OF OJT /INTERNSHIP/ FP AND RP FOR M.SC. (ALL MAJOR SUBJECTS)

**Semester ____ Master of Science (M. Sc.) (OBE-NEP) Summer-20____
EVALUATION REPORT OF PROJECT REPORT & VIVA VOCE OF 100 MARKS/200 MARKS**

Roll No.	Name of Student	Evaluation parameters (Sem-3/ Sem-4)						Total Marks Obtained (Sem-3: 100 marks/ Sem-4: 200 marks)
		Continuous Internal Evaluation (50/100)	Introduction and Literature survey (10/20)	Aim and objective(s) (5/10)	Materials and Method (10/20)	Results and Discussion (15/30)	Presentation and viva voce (10/20)	

Name & Signature of External Examiner

Name & Signature of Internal Examiner



Annexure – I

Illustrative Credit distribution structure for Two Years/One Year PG (M.Sc.) Programme

Year (2 Yr PG)	Level	Sem. (2 Yr)	Major		RM	OJT / FP	RP	Cum. Cr.	Degree
			Mandatory	Electives					
I	6.0	Sem I	12-14 (2*4 +2*2 or 3*4+2)	4	4			20-22	PG Diploma (after 3 Yr Degree)
		Sem II	12-14 (2*4 +2*2 or 3*4+2)	4		4		20-22	
		Cum. Cr. For PG Diploma		24-28	8	4	4	-	
Exit option: PG Diploma (40-44 Credits) after Three Year UG Degree									
II	6.5	Sem III	12-14 (2*4 +2*2 or 3*4+2)	4			4	20-22	PG Degree After 3- Yr UG Or PG Degree after 4- Yr UG
		Sem IV	10-12 (2*4 +2 or 3*4)	4			6	20-22	
		Cum. Cr. for 1 Yr PG Degree		22-26	8			10	
Cum. Cr. for 2 Yr PG Degree			46-54	16	4	4	10	80-88	
2 Years-4 Sem. PG Degree (80-88 credits) after Three Year UG Degree or 1 Year-2 Sem PG Degree (40-44 credits) after Four Year UG Degree									