



**K. L. E. Society's
RAJA LAKHAMAGOUDA SCIENCE
INSTITUTE (AUTONOMOUS),
BELAGAVI**

(Re-Accredited at the 'A' level by NAAC)

**REVISED REGULATIONS FOR ADMISSION
AND SCHEME OF EXAMINATIONS
FOR THE POST GRADUATE DEGREE PROGRAMME (M.Sc.)
CBCS SYSTEM**

WITH EFFECT FROM THE ACADEMIC YEAR 2022-23

K.L.E Society's
RAJA LAKHAMAGOUDA SCIENCE INSTITUTE, BELAGAVI.
(An Autonomous Institution)

Permissions:

- i. University Grants Commission, New Delhi, Guidelines for Autonomous Colleges during the Xth Plan period (2002-2007)
- ii. UGC Letter No. F.22-1/2010(AC)/dated 13th October 2010
- iii. Rani Channamma University, Belagavi, Statute on Autonomous Colleges No. RCU/Belagavi/CDC/2106/ dated 04th November 2011

REVISED Regulations and Scheme of Examination for the Post Graduate Degree Programme (M.Sc.) with effect from the academic year 2022-23.

A NOTE ON THE AUTONOMOUS SYSTEM

The University system, having become somewhat unwieldy with the proliferation of a large number of colleges, it was decided to offer Colleges with a proven record of excellence in education a certain measure of autonomy.

Under the autonomous system, such colleges were invited to modernize their curricula, offering programmes of a higher standard than usual, determining their own courses of study and to continually redesign these courses to accord with the changing needs of society and the students.

Such colleges were also allowed the freedom to evolve quicker and more transparent methods for the conduct of examination, assessment of performance and notification of results.

These autonomous colleges are expected to fully use modern tools of education technology to achieve higher standards, engender creativity and to serve community development at the local level and society as a whole.

The University Grants Commission has formulated Guidelines for adoption of uniform Choice-Based Credit System (CBCS) across all the Higher Education Institutes (HEI) in the country and asked all the universities to implement them in all the under-graduate and post-graduate programmes. The State Higher Education Council has also communicated general guidelines in this regard. The credit

based semester system provides flexibility in designing curriculum and assigning credits based on the course content and hours of teaching. The choice based credit system provides a 'self-service' type approach in which the students can take courses of their choice, learn at their own pace, undergo additional courses and acquire more than the required credits, and adopt an interdisciplinary approach to learning. Thus the Choice Based Credit System make the outcome of the university/colleges at par with the global practices in terms of academic standards and evaluation strategies, retaining the present structures of the undergraduate and post-graduate programmes. In this context it is essential that the HEI's in India should follow this system so that the mobility of their learned wards becomes possible both within and across the countries.

The significant Features of the Credit Based Semester Scheme: Each course shall carry certain number of credits. Credits normally represent the weightages of a course and are a function of teaching, learning and evaluation strategies such as the number of contact hours, the course content, teaching methodology, learning expectations, maximum marks etc.

The general features of the Credit Based Semester Scheme are

- a) The relative importance of subjects of study is quantified in terms of credits
- b) The subjects of study include ability enhancement, core, elective and skill enhancement courses
- c) The programme permits horizontal mobility in course selections
- d) The students shall take part in co-curricular and extension activities
- e) The declaration of result is based on the Aggregate Percentage of marks obtained as well as on Aggregate or Cumulative Grade Point Average (CGPA) earned

1. TITLE AND COMMENCEMENT:

- a. These Regulations are called "The Revised Regulations governing the Choice Based Credit System (Semester Scheme) in the Post-graduate Degree Programmes (M.Sc) .
- b. These regulations shall come into force for the award of the degrees from the academic year 2022-23.

2. DURATION OF THE PROGRAMME: Unless and otherwise specified, a Master's degree programme shall extend over Four semesters (Two academic years) of 16 weeks or more each with a minimum of 90 actual working days of instruction each semester and 2-3 weeks of examinations .

3. DEFINITIONS OF KEY WORDS:

- **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
- **“College”** means “Raja Lakhamagouda Science Institute, (Autonomous), Belagavi”.
- **“Academic Council”** means Academic Council of Raja Lakhamagouda Science Institute, (Autonomous) , Belagavi.
- **“Board of Studies”** means Board of Studies in the discipline/subjects concerned of the College as specified by UGC (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2018. F No. 1-1/2012(AC)..
- **“Controller of Examinations”** means the Controller of Examinations of the College appointed by the Chief Controller of Examinations as specified by UGC (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2018. F No. 1-1/2012(AC).
- **Choice Based Credit System (CBCS):** The CBCS provides choice for students to select from the prescribed courses (core, elective or skill enhancement courses etc.). Under CBCS the requirement for awarding a degree is prescribed in terms of number of credits to be completed.
- **Course:** Usually referred to, as ‘papers’ is a component of a programme. All courses need not carry the same weightage. The courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/ tutorials/laboratory
- **Course Composition:** It shall have three components associated with the teaching-learning process of the course, namely L, T and P. L stands for Lecture session, T stands for Tutorial Session and P stands for Practical Session.
- **Tutorial:** A tutorial is a supplementary practice to any teaching-learning process that may consist of participatory discussion/ self study/ desk work/ seminar presentations by

students and such other novel methods that make a student to absorb and assimilate more effectively the contents delivered in the lecture classes.

- **Practical:** A practical is a method of imparting education that consists of hands-on experience/ laboratory experiments that equip students to acquire the required skill component.
- **Credit:** A credit is a unit by which course work is measured. It determines number of hours of instructions required per week. One credit is equivalent to one hour of teaching (Lecture) per week and two hours of practical work / dissertation work / field work per week.
- **Semester:** Each semester will consist of 15-18 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June.
- **Programme:** A programme leading to award of a Degree or certificate.
- **“Student”** means, “A candidate admitted to the Master’s Degree Programme (M.Sc.)
- **Grade Point:** It is a numerical weightage allotted to each letter grade on a 10-point scale.
- **Credit Point:** It is the product of grade point and number of credits for a course.
- **Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.
- **Semester Grade Point Average (SGPA):** It is a measure of performance of work done in a semester. It is the ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
- **Cumulative Grade Point Average (CGPA):**
The Cumulative Grade Point Average (CGPA) at the end of the fourth semester shall be calculated as the weighted average of the semester grade point averages (SGPA).

4. PROGRAMMES :

- i. Master of Science (M.Sc.) in Physics
- ii. Master of Science (M.Sc.) in Mathematics
- iii. Master of Science (M.Sc.) in Chemistry

5. ELIGIBILITY CRITERIA FOR ADMISSION:

Admission to **Master of Science (M.Sc.) programme** shall be open for all the candidates who have passed a Bachelor's Degree examination with not less than 50% of marks in the aggregate of all the years of the degree examinations. However, in the case of candidate belonging to SC/ST and Group I, the aggregate percentage of marks in the qualifying examinations shall not be less than 45%.

In addition to above the candidate shall have studied:

- i) Physics as one of the cognate / major subject in B.Sc. for the admission of M.Sc. in Physics
- ii) Mathematics as one of the cognate / major subject in B.Sc. for the admission of M.Sc. in Physics
- iii) Chemistry as one of the cognate / major subject in B.Sc. for the admission of M.Sc. in Physics

6. INTAKE:

The intake is 30 seats for each programme. However the intake for all the Master's Programme can be revised from time to time as per the approval from the affiliating / parent university ie; Rani Channama University, Belagavi.

7. MAXIMUM DURATION FOR COMPLETION OF THE PROGRAMMES:

A candidate can avail a maximum of Four years (double the actual duration in one stretch) to complete Master's degree in a particular subject.

8. MEDIUM OF INSTRUCTION:

The medium of instruction shall be in English.

9. SCHEME OF INSTRUCTIONS:

9.1 A course shall have either or all the three components. That means a course may have only lecture component, or only practical component or combination of any two components.

9.2 The credit pattern for a course can be decided by the respective BOS followed by the approval of Academic Council.

9.3 A course of 3 to 6 credits will be evaluated for 100 marks. A course with less than 3 credits will be evaluated for 50 marks.

9.4 There shall be generally 28-36 hours of instructions per week in subjects with practicals / field work and 24-30 hours of instructions per week in subjects without practicals / field work. These hours may be distributed for Lectures, seminars, tutorials, practicals, project work and other modes of instruction which individual courses may demand.

10. ATTENDANCE:

10.1 Each course shall be taken as a unit for the purpose of calculating the attendance.

10.2 A student shall attend not less than 75% of the total number of classes (including theory/practical) actually held in each semester.

10.3 However 10% of the attendance shall be condoned by the principal on the specific recommendations of the concerned HOD on the grounds such as attending university level sports, cultural activities, academic activities, ill health etc.,

10.4 The students who do not satisfy the prescribed requirement of attendance shall not be eligible for the ensuing examination. Such candidates may seek admission afresh to the given

semester during the immediately succeeding academic year.

10.5 Such of the candidates who have participated in State/National level Sports, NSS, NCC, Cultural activities and other related activities as stipulated under the existing regulations shall be considered for giving attendance for actual number of days utilized in such activities (including travel days) subject to the production of certificates from the relevant authorities within two weeks after the event.

11. COURSE PATTERN:

11.1 In general the number of credits may vary from 24-36, an average of 25 credits per semester and a total of around 96-104 credits for the programme. The credits shall be based on number of instructional hours per week. Generally 1 credit amounts to 1 hour of instruction in theory and 1 credit amounts to 2 hours of instructions of practical / project work / internship per week.

11.2 The courses offered in a programme may be the core, elective and soft courses. ANNEXURE-I gives a summary of the course patterns, hours of instructions per course / paper per week, marks credits assigned to different courses papers in different subjects of study in Post-Graduate Degree programmes in all the semesters. These may be modified or amended from time to time by the concerned Boards of studies with the approval of the Academic Council.

12. THE SCHEME OF EXAMINATION:

12.1 There shall be examinations at the end of each semester ordinarily during November/December for odd semesters and during May/June for even semesters. The details of schemes of examinations in various subjects are given in ANNEXURE I

12.2 Project work / dissertation may be offered as per the schemes prescribed in respective courses. It shall be evaluated by two examiners, one external and one internal appointed by the concerned BOE Chairman with the approval of COE. Wherever there is viva-voce, it shall be conducted by the Viva-Board consisting of the internal guide and one external expert from the panel of examiners and as approved by the COE.

12.3 The programme is a fully carry-over system. A candidate reappearing for either the odd or even semester examinations shall be permitted to take examinations as and when they are conducted (even semester examination in even semester and odd semester examination in odd semester).

12.4 Candidates who have failed, remained absent or opted for improvement in any course/courses shall appear for such course/courses in the two immediate successive examinations that are conducted. However, in the case of the candidates appearing for improvement of their marks, the marks secured in the previous examination shall be retained, if the same is higher.

12.5 MAKEUP EXAMINATION: There is a provision of Makeup examination for III & IV

semester courses only. Such examinations will be conducted within 15 days from the declaration of results and can be availed by the candidate with prescribed fees for the same.

13. INTERNAL ASSESSMENT:

13.1 Total marks for each course shall be based on continuous assessments and term end examinations. As per the decision of the Karnataka State Higher Education Council, it is necessary to have uniform pattern of 30: 70 for IA and Term End examinations respectively, among all the Universities, their affiliated and autonomous colleges.

Total Marks for each course = 100%

Continuous assessment (C1) = 10% marks

Continuous assessment (C2) = 10% marks

Continuous assessment (C3) = 10% marks

Semester End Examination (C4) = 70% marks

13.2 Marks for internal assessment shall be awarded on the basis of seminars, field work, tests, assignments etc. as determined by the Board of Studies in the respective subject.

13.3 The IA marks list shall be notified on the Department Notice Board as and when the individual IA components are completed and the consolidated list shall be submitted to office of the Controller of Examinations before the commencement of semester-end examination or as directed by the Controller of Examinations.

13.4 . Internal assessment marks shall be shown separately in the marks card.

13.5 There shall be no minimum in respect of internal assessment marks.

13.6 There is no provision for seeking the improvement of Internal Assessment marks.

13.7 A candidate who has failed or rejected the result, shall retain the internal assessment marks.

13.8 The IA records, pertaining to a Semester Examination, shall be preserved by the college for a period of one year from the date of the Semester End Examination.

14. REGISTERNG FOR EXAMINATIONS:

Every student shall register for each Semester-End Examination as per the Notification of the college by submitting duly completed application form through the proper channel and shall also pay the fees prescribed.

15. CONDUCT OF EXAMINATIONS:

15.1 There shall be Theory and Practical examinations at the end of each semester, ordinarily during November / December for odd semesters and during April/May for even semesters, as prescribed in the Scheme of Examinations.

15.2 Unless otherwise stated in the schemes of examination, practical examinations shall be conducted at the end of each semester. They shall be conducted by two examiners, one internal and one external or both external examiners and shall never be conducted by both internal examiners. The statement of marks sheet and the answer books of practical

examinations shall be sent to the Controller of Examinations by the Head of the Departments immediately after the practical examinations.

15.3 The candidate shall submit the record book for practical examination duly certified by the staff in-charge and the H.O.D.

16. EVALUATION OF ANSWER SCRIPTS:

16.1 The college shall follow **double evaluation system** for the evaluation of the answer scripts of Semester End Examinations, one by the Internal Examiner and the other by the External examiner.

16.2 Internal Examiner is one who has been engaged in teaching and training the students in the respective subject in R. L. Science Institute. The External Examiner is one who is engaged in Post Graduate teaching/or has taught for Post Graduate classes, in the respective subject, in a recognized institution running the concerned PG Programme or is teaching/has taught the respective subject in the Universities in India other than R. L. Science Institute, Belgavi.

16.3 The average of the marks assigned by the Internal and the External Examiners shall be awarded to the candidate. If the difference between the marks allotted by the Internal and External examiners is 15% or more, then such answer scripts shall be valued by a third examiner appointed from the list of the approved panel of examiners.

16.4 After the third valuation, the proximity of the marks allotted by two examiners out of the three shall be taken and the average of these two marks (that are nearer to each other) shall be awarded to such a candidate.

16.5 Wherever dissertation / project work is prescribed in the programme, the same shall be evaluated by both Internal and External Examiners. The viva-voce, if any, shall be conducted by Internal and External Examiners.

16.6 The Office of the Controller of Examinations shall process and announce the results.

16.7 The candidates at any Semester End examination are eligible to apply in a prescribed form for photocopy of Answer script and Review Valuation of the Answer Scripts of the Theory Examination, on payment of fees stipulated in the matter. In respect of practical examinations, there is no provision for photocopy and review valuation.

16.8 SUPPLY OF PHOTOCOPY:

16.8.1 Since Double Evaluation System is followed, there is no provision for Re-totaling of Marks. However photocopy of the answer scripts shall be provided to the students on his/her specific request in a prescribed form along with prescribed fees (non-refundable) to the principal within 7 days after the announcement of result.

16.8.2 The photocopy of the answer scripts will be issued within one week after the receipt of the application by the Controller of Examinations.

16.9 PROVISION FOR REVALUATION:

- 16.9.1 There is a provision for Revaluation for theory papers only. The candidates can apply for Revaluation to any number of Papers / Courses of any semester end examination.
- 16.9.2 A candidate shall submit application for Revaluation of the answer scripts in the prescribed form with the prescribed fee to the Principal within the dates notified after the announcement of the examination results. The Principal shall countersign each application and send to the Office of the Controller of Examinations and shall maintain a record of the applications for future reference.
- 16.9.3 The Revaluation is independent double Valuation by one internal Examiner and one External Examiner or both the External Examiners. Internal Examiner is one who has been engaged in Teaching and training the students in the subject in R. L. Science Institute but not involved in the first stage of valuation process. External Examiner is one who is engaged in post graduate teaching in the subject or has taught the subject in a recognized institution outside R. L. Science Institute, Belgavi, but not involved in the first stage of valuation process.
- 16.9.4 If the difference of the marks between the two examiners is 15% or more such answer scripts shall be sent for the third valuation.
- 16.9.5 After the third valuation the proximity (that are nearer to each other) of the marks allotted by two examiners out of the three, shall be taken and the average of these two marks shall be allotted to such a candidate. **However, if one of the three marks fall exactly midway between the other two examiners, then higher two marks shall be taken for average.**
- 16.9.6 There is provision for refund of 50 percent of the fees collected from the student for the Revaluation, if the marks are improved by 08 or more during the Revaluation of the answer script provided the candidate successfully completes the respective course/courses.
- 16.9.7 The marks scored in the ReValuation are final. The Revaluation marks shall be allotted to the candidate whether score is less or more than the original score.
- 16.9.8 If there is any change in the score after the Revaluation, a new original marks card after effecting changes in the respective score/scores shall be issued to the candidate.

17. DECLARATION OF RESULTS:

- 17.1** Minimum for a pass in each paper/ course shall be 40% in each course / paper
- 17.2** In addition to 16.1 , candidates shall secure a minimum of 50% in aggregate in all courses of a programme in each semester for successful completion of the said programme.
- 17.3** Candidates shall earn the prescribed number of credits (96) for the programme to qualify for the PG Degree in respective subjects..
- 17.4** For the purpose of announcing the results, the aggregate of the marks (both Internal and Semester End Examinations) secured by a candidate in all the semester examinations shall be taken into account. However, Ranks shall not be awarded in case the candidate has not successfully completed each of the semesters in first attempt or has not completed the programme in the stipulated time or had applied for improvement of results.

17.5 The candidate, seeking improvement of their results, shall submit an application along with a prescribed fee to the Controller of Examinations and surrender the degree certificate/provisional pass certificate/original marks cards of that semester within 30 days from the date of announcement of the result, or as per the prevailing rules of the Institute from time to time.

17.6 Award of Grace Marks

- i. For mere passing a total of 5 grace marks shall be given to a student with a maximum of 2 marks in a course / paper so that the student passes the whole examination by such gracing (limited to 3 courses / papers only).
- ii. A maximum of 10 grace marks shall be given to a student to place him in First class or First class with Distinction as the case may be at the end of the completion of the course.
- iii. Grace marks given for passing the examination are shown only in the ledger and not in the statement of marks.
- iv. However the grace marks awarded for getting a higher class shall be indicated in the marks cards along with the aggregate total of the examination.

18. CLASSIFICATIONS OF RESULTS:

The results of successful candidates at the end of each semester shall be declared on the basis of Percentage of Aggregate Marks and in terms of Semester Grade Point Average (SGPA) and Eight Point Alpha – Sign Grading Scale. The results at the end of the fourth semester shall also be classified on the basis of Percentage of Aggregate Marks and on the basis of the Cumulative Grade Point Average (CGPA) obtained in all the four semesters and the corresponding overall alpha – sign grade. An eight point grading system, alpha – sign grade as described in Tables I and II below shall be adopted. The Semester Grade Point Average (GPA) in a Semester and the Cumulative Grade Point Average (CGPA) at the end of the fourth semester shall be computed as follows:

18.1 Computation of Semester Grade Point Average (SGPA):

The grade points (GP) in a course shall be assigned based on the basis of actual marks scored in that course as per the Table I. The Credit Points (CP) shall then be calculated as the product of the grade points earned in the course and the credits assigned for the course. The total CP for a semester is obtained by adding the CP of all the courses of the semester. The SGPA for a semester is computed by dividing the total CP of all the courses of study by the total credits for the semester.

$$\text{Credit Points for the paper (CP)} = \text{No. of Credits assigned for the Course} \times \text{Grade Point secured for that Course}$$

$$\text{SGPA} = \frac{\text{Total CP of all the courses}}{\text{Total Credits}}$$

18.2 Calculation of Cumulative Grade Point Average (CGPA):

The Cumulative Grade Point Average (CGPA) at the end of the fourth semester shall be calculated as the weighted average of the semester grade point averages (SGPA). The CGPA is obtained by dividing the total of semester credit weightages by the maximum credits for the programme.

CGPA is calculated only when the candidate passes in all the courses of all the semesters.

$$\text{CGPA} = \frac{\sum \text{Total credit points in I to IV Semesters}}{\sum \text{Total credits in I to IV Semesters}}$$

Table I: Conversion of Percentage of Marks into Grade Points in a Paper

%Marks in a paper/practical	Grade Point (GP)
96-100	10
91-95	9.5
86-90	9.0
81-85	8.5
76-80	8.0
71-75	7.5
66-70	7.0
61-65	6.5
56-60	6.0
51-55	5.5
46-50	5.0
41-45	4.5
40	4.0
Below 40	0

Table II: Final Result / Grades Description

SGPA / Prog. CGPA	Alpha- Sign / Letter Grade	Result / Class Description
9.00 – 10.00	O (Outstanding)	First Class With Distinction
8.00 – 8.99	A+ (Excellent)	
7.00- 7.99	A (Very Good)	
6.00- 6.99	B+ (Good)	First Class
5.50-5.99	B (Above Average)	High Second Class
5.00-5.49	C (Average)	Second Class
4.00-4.99	P (Pass)	Pass Class
< 4.00	F (Fail)	Fail
0	AB	

19. IMPROVEMENT OF RESULTS:

- 19.1** A candidate may be permitted to opt for improvement of results (Papers / Courses) of any semester. The candidate who had opted for the improvement of results shall appear for the subsequent semester examinations.
- 19.2** The improvement option shall be exercised only once in each semester
- 19.3** Improvement examinations marks will be considered if the marks scored in the improvement examinations is higher than the previously secured marks. Otherwise previous marks will be retained.
- 19.4** Application for Improvement examinations along with the payment of the prescribed fee shall be submitted to the Controller of Examinations together with the original statement of marks.
- 19.5** A candidate who opts for Improvement of result is not eligible for ranking.

20. MISCELLANEOUS:

- 20.1** The Institute shall issue such orders, instructions, procedures and prescribe such format as required to implement the provisions of this Regulations.
- 20.2** The procedural details will be given by the Institute from time to time.
- 20.3** Any unforeseen problems/difficulties may be resolved by the Principal, whose decision in the matter shall be final.

PRINCIPAL

DETAILS OF COURSE PATTERNS AND SCHEMES OF EXAMINATIONS

M.Sc. in Chemistry

* T – Theory, P – Practical/Project

Subjects	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
a) I Semester of the PG Program							
Core Subject	4T	4x4	4x3	4x20	4x80	4x100	4x4=16
	3P	3x4	3x2	3x10	3x40	3x50	3x2=6
Soft Core/ Specialization /Optional	1T	1x2	1x2	1x10	1x40	1x50	1x2=2
Per Semester Total of Credits							24
b)II/III Semester of the PG Program							
Core Subject	3T	3x4	3x3	3x20	3x80	3x100	3x4=12
	3P	3x4	3x2	3x10	3x40	3x50	3x2=6
Soft Core/ Specialization / Optional	1T	1x2	1x2	1x10	1x40	1x50	1x2=2
Open Elective	1T	1x4	1x3	1x20	1x80	1x100	1x4=4
Semester Total of Credits							24
c) IV Semester of the PG Program							
Core Subject	3T	3x4	3x3	3x20	3x80	3x100	3x4=12
	2P	2x4	2x2	2x10	2x40	2x50	2x2 =4
Soft Core/ Specialization /Optional	1P	1x4	1x3	1x20	1x80	1x100	1x4=4
ProjectWork	1P	4	Report Evaluation	1x20	1x80	1x100	1x4=4
Semester Total of Credits							24
Program Grand Total of Credits							96

Total Credits/ Marks (I to IV) : 96/600

M. Sc. in Mathematics.

* T – Theory, P – Practical/Project

Subject	Papers	Instruction hrs/week	Duration of Exam (hrs)	Marks			Credits
				IA	Exam	Total	
a) I Semester of the Postgraduate Program							
Core subject	5T	5x4	5x3	5x20	5x80	5x100	5x4=20
Soft Core/ Specialization /Optional	1T	1x4	1x3	1x20	1x80	1x100	1x4=4
Total of Credits Per Semester							24
b) II/ III Semester of the PG Program							
Core Subject	4T	4x4	4x3	4x20	4x80	4x100	4x4=16
Soft Core/ Specialization /Optional	1T	1x4	1x3	1x20	1x80	1x100	1x4=4
Open Elective	1T	1x4	1x3	1x20	1x80	1x100	1x4=4
Semester Total of Credits							24
c) IV Semester of the PG Program							
Core subject	4T	4x4	4x3	4x20	4x80	4x100	4x4=16
Soft Core/ Specialization /Optional	1T	1x4	1x3	1x20	1x80	1x100	1x4=4
Project Work	1P	4	Report Evaluation	1x20	1x80	1x100	1x4=4
Semester Total of Credits							24
Program Grand Total of Credits							96

Total Credits/ Marks (I to IV) : 96/2400

M. Sc. in Physics

* T – Theory, P – Practical/Project

Semester	Paper	Instruction hrs/week	Duration of Exam (hrs)	Marks			Credits
				IA	Exam	Total	
I Core subject	3T	3x4	3x3	3x20	3x80	3x100	3x4=12
	2P	2x4	2x3	2x20	2x80	2x100	2x4=8
Soft Core/ Specialization /Optional	1T	1x4	1x3	1x20	1x80	1x100	1x4=4
Total of Credits Per Semester							24
II/ III Core subject	2T	2x4	2x3	2x20	2x80	2x100	2x4=8
	2P	2x4	2x3	2x20	2x80	2x100	2x4=8
Soft Core/ Specialization /Optional	1T	1x4	1x3	1x20	1x80	1x100	1x4=4
Open Elective	1T	1x4	1x4	1x20	1x80	1x100	1x4=4
Total of Credits Per Semester							24
IV Core subject &Electives	3T	3x4	3x3	3x20	3x80	3x100	3x4=12
	1P	1x4	1x3	1x20	1x80	1x100	1x4=4
Soft Core/ Specialization /Optional	1T	1x4	1x3	1x20	1x80	1x100	1x4=4
Project	1P	4	Report Evaluatio n	1x20	1x80	1x100	1x4=4
Total of Credits Per Semester							24
Program Grand Total							96

Total Credits/ Marks (I to IV) : 96/2400