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

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

"REGULATIONS GOVERNING FOUR UNDER GRADUATE DEGREE PROGRAMME AS PER NEP 2020"

WITH EFFECT FROM THE ACADEMIC YEAR 2021-22

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

iv. Government of Karnataka Letter No. ED 83 UNE 2012 dated 01/03/2012

v. Govt. of Karnataka NEP 2020 guidelines

"REGULATIONS GOVERNING FOUR UNDER GRADUATE DEGREE PROGRAMME AS PER NEP 2020 FOR K.L.E SOCIETY'S R.L.SCIENCE INSTITUTE, (AUTONOMOUS), BELAGAVI "

with effect from the academic year 2021-22.

A NOTE ON THE AUTONOMOUS & CBCS 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 overall outcome of the successful students, curriculum stress upon on variety of courses to enhance their knowledge in several core courses including those in languages, subjects in Science and value-based and skill development courses.

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

A Note On NEP -2020

The NEP-2020 is based on the principle that education must develop not only cognitive   capacities both "foundational capacities" like literacy and numeracy and "higher order" cognitive capacities like critical thinking and problem solving but also social, ethical, and environmental capacities. Capabilities and dispositions in terms of emotions. In a broader sense, NEP envisions a system of education. rooted in Indian ethos that contributes directly to the long-term transformation of India, i.e. Bharat by providing high quality education to all, we can transform into a more equitable and vibrant knowledge society. As a result, India will become a global knowledge superpower.

Karnataka's government, India's most forward thinking state and IT capital, has taken the lead in implementing the New Education Policy (NEP) – 2020. New Delhi's University Grants Commission (UGC) issued a directive to all states and their respective Central governments. and State Universities to put the NEP – 2020 into action.

The NEP-2020 envisions a student centered educational system that allows students to take multiple courses and programmes while remaining comparable and globally competitive. It transforms

the current Higher Educational System into a creative, innovative system, a system that is both innovative and research-oriented. In addition to the time-tested and traditional system, NEP offers the opportunity to continue with the three-year educational programme,young minds to advance in the knowledge stream by enrolling in Honors and Doctoral programmes Examine your qualifications.

The four year undergraduate programme provides a better opportunity for advancement, study at the Master's or Ph.D. level, as well as demonstrate to prospective employers a higher capacity for independent learning and research, along with enhanced problem-solving, critical thinking, independent learning and communication.

Curriculum shall focus on critical thinking and problem solving. Conscious efforts to develop cognitive and non-cognitive problem-solving skills among the learners shall be part of the curriculum. Use of Bloom's Taxonomy in designing curriculum to move from lower order thinking skills to higher order thinking skills is a desired option. The programmes designed shall empower graduates as expert problem solvers using their disciplinary knowledge and collaborating in multi-disciplinary teams.

1. **TITLE AND COMMENECEMENT:**
a. These Regulations are called "The CBCS-NEP 2021 Regulations governing the Choice Based Credit System (Semester Scheme) in the Under-graduate Degree Programmes B.Sc. and BCA".
b. These regulations shall come into force for the award of the degrees from the academic year 2021-22.

2. **DURATION OF THE PROGRAMME:**
Progressive Certificate, Diploma, Bachelor Degree or Bachelor Degree with Honours provided at the end of each year of Exit of the Four years Undergraduate Programme.

Exit with	Credits Requirement
Certificate at the Successful Completion of First Year (Two Semesters) of the Four Years Multidisciplinary Undergraduate Degree Programme	**44 - 48**
A Diploma at the Successful Completion of the Second Year (Four Semesters) of the Four Years Multidisciplinary Undergraduate Degree Programme	**88 - 96**
Basic Bachelor Degree at the Successful Completion of the Third Year (Six Semesters) of the Four Years Multidisciplinary Undergraduate Degree Programme	**132 - 144**
Bachelor Degree with Honours in a **Discipline** at the Successful Completion of the Four Years (Eight Semesters) of the Four Years Multidisciplinary Undergraduate Degree Programme	**176 - 192**

The progressive curriculum proposed shall position knowledge and skills required on the continuum of novice problem solvers (at entry level of the program) to expert problem solvers (by the time of graduation):

At the end of first year – Ability to solve well defined problems

At the end of second year – Ability to solve broadly defined problems

At the end of third year – Ability to solve complex problems that are ill-structured requiring multi-disciplinary skills to solve them

During fourth year – Experience of workplace problem solving in the form of internship or Research Experience preparing for higher education or Entrepreneurship Experience.

3. **DEFINITIONS OF KEY WORDS:**

1. **"Degree"** means Under Graduate Degree.

2. **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.

3. **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 June to November and even semester from December to May.

   Blank semester: A semester is said to be blank semester for a candidate if he/she does not enroll for that semester.

4. **Choice Based Credit System (CBCS):** The CBCS provides choice for students to select from the prescribed courses (core, elective or skill enhancement courses etc.).

5. **Programme:** A programme leading to award of a Degree or certificate.

6. **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 work/ field work/ project work/ vocational training/viva/ seminars/term papers / assignments / presentations/ self-study etc. or a combination of some of these.

7. **"College"** means "Raja Lakhamagouda Science Institute, (Autonomous), Belagavi".

8. **"Student"** means, "a candidate admitted to the Bachelor's Degree Programme in B.Sc. and BCA.

9. **"Academic Council"** means Academic Council of Raja Lakhamagouda Science Institute, (Autonomous) 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).

10. **"Board of Studies"** means Board of Studies of the College in the discipline/subjects concerned 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).

11. **"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).

12. **Credit (C):** A credit is a unit of study of a fixed duration. In terms of credits, every one hour session of lecture amounts to one credit (**except, in case of English/Hindi/MIL Communication, where 3 credits is equivalent to 4 hours**) every one-hour session of tutorial amounts to one credit and every two-hour session of practical amounts to one credit.

13. **Grade Point (G):** It is a numerical weightage allotted to each letter grade on a 10-point scale.

14. **Credit Point (CP):** It is the product of number of credits for a course and grade point (CP = G x C).

15. **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.

16. **Semester Grade Point Average (SGPA):** It is a measure of performance of work done in a semester. It is a ratio of total credit points secured by a student in various courses registered in a semester and the total course credits obtained during that semester. It shall be expressed up to two decimal places.

    Note: SGPA is computed only if the candidate passes in all the courses (gets a minimum P grade in all the courses) of the semester.

    $$\text{SGPA of a semester} = \frac{\text{Total Credit points in the semester}}{\text{Total Credits in that semester}}$$

17. **Cumulative Grade Point Average (CGPA):** It is a measure of overall cumulative performance of a student in all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

    $$\text{CGPA} = \frac{\text{Total CP of I sem} + \text{II sem} + \text{III sem} + \text{IVsem} + \text{V sem} + \text{VI sem}}{\text{Total Credits of I sem} + \text{II sem} + \text{III sem} + \text{IVsem} + \text{V sem} + \text{VI sem}}$$

18. **Transcript or Grade Card or Certificate:** Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (code, title, number of credits, grade secured and extra credits procured if any).

19. **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.

20. **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.

21 **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.

4. **COURSE PATTERNS AND SCHEMES OF EXAMINATIONS**

The details of Course Patterns (hours of instructions per week) and the Schemes of Examinations of the different degree programmes are given in **APPENDIX "A" and "B".**

STUDY PATTERN (SUBJECTS):

As per the NEP-2020 proposed curriculum and UGC CBCS guidelines.

The Components of Curriculum for Four Years Multidisciplinary Undergraduate Programme: The Category of Courses and Their Descriptions

1	Languages	Languages provide the medium of fresh and free thinking, expression and clarity in thought and speech. It forms as a foundation for learning other courses. Helps fluent communication. In addition to English, a candidate shall opt for any of the languages studied at the Pre-University or equivalent level.
2.	Foundation Courses/ Ability Enhancement Courses	Foundation Courses enable students to develop a deeper sense of commitment to oneself and to the society and nation largely. These courses will supplement in better understanding of how to integrate knowledge to application into a society. Ability enhancement courses are the generic skill courses which are basic and needed to all to pursue any career. These courses ensure progression across all careers.
3.	Skill Development Courses	Skill Enhancement/Development courses are to promote skills pertaining to a particular field of study. The purpose of these courses is to provide students life-skills in hands-on mode so as to increase their employability/ Self-employment. The objective is to integrate discipline related skills in a holistic manner with general education. These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge. Each University has complete freedom to suggest their own papers under this category based on their expertise, specialization, requirements, scope and need.
	Discipline based Introductory Courses	Introductory courses bridge the gap for a student if he/she has not got a basic groundwork in a specific area of discipline
4.	Major Discipline Core Courses	A Major discipline is the field in which a student focuses during the course of his/her degree. A course in a discipline, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course. The core courses aim to cover the basics that a student is expected to imbibe in that particular discipline. They provide fundamental knowledge and expertise to produce competent, creative graduates with a strong scientific, technical and academic acumen. The courses under this category are to be taught uniformly across all universities with minimum deviation. The purpose of fixing core courses is to ensure that all the institutions follow a minimum common curriculum so that each institution adheres to a common minimum standard which makes credit transfer and mobility of students easier.

5.	Major Discipline Elective Courses	Elective Course is a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/subject of study or which provides an extended scope or enables an exposure to some other discipline/ subject/domain or which nurtures the candidate's proficiency/skill. Elective courses offered under the main discipline are referred to as Discipline Specific Electives. These courses provide more depth within the discipline itself or within a component of the discipline and provide advanced knowledge and expertise in an area of the discipline. The institutions have freedom to have their own courses based on their expertise, specialization, requirements, scope and need. The elective courses may be of interdisciplinary nature
6.	Minor Discipline Courses	A Minor Discipline is a secondary specialization that one may choose to pursue in addition to a Major Discipline. They may be related areas of studies or two distinct areas of studies which are not interrelated at well.
7.	Generic Elective Courses	Generic Elective Courses are courses chosen from an unrelated discipline/ subject, with an intention to seek exposure beyond discipline/s of choice. The purpose of these is to offer the students the option to explore disciplines of interest beyond the choices they make in Core and Discipline Specific Elective Courses. Note: A core course offered in a discipline/subject may be treated as an elective by other discipline/subject and vice versa and such electives may also be referred to as Generic Electives.
8.	Project work/ Dissertation/ Internship/ Entrepreneurship	Project work is considered as a special course involving application of knowledge in solving / analyzing / exploring a real life situation / difficult problem/ data analysis. Project Work has the intention to provide research competencies at Undergraduate level. It enables to acquire special/ advanced knowledge through supplement / support study to a project work. Candidates shall carry out project work on his/her own with an advisory support by a faculty member to produce a dissertation/ project report. Internship/ Entrepreneurship shall be an integral part of the Curriculum
9.	Extra Curricular Activities / Co-curricular and Extension Activities	These activities help in character building, spiritual growth, physical growth, etc. They facilitate development of various domains of mind and personality such as intellectual, emotional, social, moral and aesthetic developments. Creativity, Enthusiasm, and Positive thinking are some of the facets of personality development and the outcomes of these activities

Curriculum Framework for Four Years Multidisciplinary Undergraduate Programme.

Year	Objective	Nature of Courses	Outcome	No. of courses
1st year – 1st & 2nd Semesters	Understanding and Exploration	1. Major Core Courses 2. Minor/Related Discipline 3. Languages, 4. Ability Enhancement Compulsory Courses 5. Skill Enhancement/ Development Courses	Understanding of Disciplines Language Competency Gaining perspective of context/Generic skills Basic skills sets to pursue any vocation	1+1 1+1 2+2 1+1 1+1
		Exit option with Certification		
2nd Year - 3rd & 4th Semesters	Focus and Immersion	1. Major Core Courses 2. Minor/ Related Discipline 3. Ability Enhancement courses 4. Skill based Vocation course 5. Extra Curricular Activities	Understanding of disciplines Gaining Perspective of context Skill sets to pursue vocation Facilitate development of various domains of mind and personality	2+2 1+1 1+1 1+1 1+1
		Exit Option with Diploma		
3rd Year - 5th & 6th Semesters	Real time Learning	1. Major Discipline Core and Elective Courses 2. Minor Discipline/ Generic or Vocational Electives /Field based Learning/ Research Project	In depth learning of major and minor disciplines, Skill sets for employability. Exposure to discipline beyond the chosen Experiential learning/ Research Orientation	2+2 1+1 1+1
		Exit option with Bachelor Degree		
4th Year - 7th & 8th Semesters	Deeper Concentration	Major Discipline Core and Elective courses Research/Project Work with Dissertation	Deeper and Advanced Learning of the Major Discipline. Foundation to pursue Doctoral Studies and Developing Research competencies	4+4
		Bachelor Degree with Honours		

These are suggestive in nature. As a Autonomous institution apart from the courses suggested above, the college can offer new courses/ papers under Skill Enhancement Course (SEC), Discipline Specific Elective (DSE) and Open Elective Course (OEC) based on our expertise, specialization, requirements, scope and need. However there are some exceptions as mentioned below:

- There will be minimum deviation in content of syllabus offered under various Discipline Specific Core Course (DSCC)
- Among different Ability Enhancement Compulsory Courses (AECC), Kannada language is mandatory according to Govt. of Karnataka guidelines.
- Functional Kannada is mandatory for those students who have not studied Kannada language at secondary school.

5   ELIGIBILITY FOR ADMISSION

Eligibility for Admission to B.Sc. Programme

- A candidate who has passed two year Pre-University (Science) examination of the Karnataka State or any other examination Board considered as equivalent thereto is eligible for admission to I Semester B.Sc. Programme.

- A candidate who has passed the three year Diploma (10+3) in Electronics and Communication Engineering / Computer Science / Electronics and Telecommunication / Instrumentation or any cognate branch from the Directorate of Technical Education Government of Karnataka are eligible for admission to First Semester B.Sc. in PMCs, PME, PMS combinations.

- A Candidate who has passed 3 years Diploma in Paramedical course and DMLT conducted by Department of Technical Education, Government of Karnataka is eligible for admission to First Semester B.Sc. in CBZ, CZBt, CBBt combinations.

Eligibility for Admission to B.C.A. Programme

- A candidate completing PUC (Science/Commerce) or three years Diploma in engineering by Govt. of Karnataka or any other examination considered as its equivalent is eligible for admission to I Semester B.C.A. Programme.

A candidate may be refused admission if he/she is found to have indulged in antisocial activities, debarred from other institutions and unlawful demonstrations. If such students are found after admission they may be expelled.

6.   **INTAKE:** The Principal shall fix the intake for each course and combination in consultation with the concerned Heads of the Departments. Combination-wise intake for U.G. programmes shall be as approved by the Governing Body on the recommendation of the Academic Council of the Raja Lakhamagouda Science Institute (Autonomous) Belagavi.

7.   **ADMISSION:** The admission to a UG programme shall be as per the guidelines issued by the Department of Collegiate Education, Government of Karnataka and guidelines of the college.

8.   **MEDIUM OF INSTRUCTION**: The medium of instruction and Examination is in English. This rule is not applicable to language papers.

9. SCHEME OF INSTRUCTIONS:

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. The total credits earned by a student at the end of the semester upon are L + T + P. The credit pattern of the course is indicated as L: T : P. [If a course is of 2 to 6 credits then the different credit distribution patterns in L : T : P format shall be:

L:T:P	L:T:P	L:T:P	L:T:P	L:T:P	L:T:P	L:T:P	L:T:P	L:T:P	L:T:P
4:0:2	2:0:0	0:0:2	2:0:2	3:0:0	2:1:0	3:1:0	3:0:2	1:1:0	1:0:1

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

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. *However, in case of languages English/Hindi/MIL Communication, A course of 2 credits will be evaluated for 100 marks.*

10. ATTENDANCE:

Each semester shall be taken as a unit for the purpose of calculating attendance. A student shall be considered to have put in the required attendance for the semester, if he/ she have attended not less than 75% of the number of working hours/ period in each semester.

A candidate who does not satisfy the requirement of attendance shall not be eligible to take examination of the concerned semester.

A candidate who fails to satisfy the requirement of attendance in a semester shall repeat that semester when offered in the immediate subsequent year. This facility shall be available only for two times in the entire programme.

In case of a candidate who represents the institute at University/State/ National level in Sports/ NCC/ NSS / Scouts & Guides/ Cultural or any official activities, shortage of attendance up to a maximum of 15 days in a semester may be condoned by the Principal. For this purpose, the candidate should have been recommended by the Head of the concerned activity and with prior permission of the Principal.

The students absent on health grounds need to submit the medical certificate issued by the **Government medical officer**.

The Head of the Department shall notify the monthly attendance of students in the first week of every month.

The HOD shall announce the names of all students who will not be eligible to take the Semester End Examinations in the various courses and send a copy of the same to the Controller of Examinations.

11. INTERNAL ASSESSMENT:

Total marks for each course shall be based on continuous assessments and end term examinations. A uniform pattern of 40:60 for Continuous Internal Assessment (CIA) and Semester End Examinations (SEE) respectively is followed.

Outline for CIA*

Activities	CIA1 (8th Week of the semester)	CIA 2 (12th Week of the semester)	CIA 3	Total Marks
Session Test	15%	15%	-	30%
Projects/Seminars/Field Visits/Problem Based Learning/Peer Teaching/Viva-Voce/Article review/Book Review/MCQ Test/Case St udy/Survey/ etc.	-	-	10%	10%
Total	**15%**	**15%**	**10%**	**40%**

Continuous assessment (CIA1+CIA2+CIA3) = 40%

Semester End Examination (SEE)   =   60%

Total Marks for each course (CIA + SEE) = 100%

* This assessment pattern will be applicable for Theory l courses only.

For Practical Courses, the assessment will be 50% of CIA + 50% of SEE.

Evaluation process of CIA marks shall be as follows.

a) The office of Controller Of Examinations (COE) shall supervise the entire process of CIA. The College Examination Committee will conduct the CIA.

b) Continuous Internal Assesment-1 (CIA1) is for 15% of maximum marks. This will be based on session test of one hour in case of theory.

c) Continuous Internal Assesment-2 (CIA2) is for 15% of maximum marks. This will be based on session test of one hour in case of theory.

d) Continuous Internal Assesment-3 (CIA3) is for 10% of maximum marks. This assessment and score process should be implemented and completed during the semester period depending on the type of key assessment a particular student undergoing.

e) Continuous Internal Assessment- Practical course is for 50% of maximum marks, after the completion of practicals in each course. There shall be one Continuous Internal Assessment for the Practical test of Four hours in each course in each semester.

f) Semester End Examination for 60% of maximum marks of 2 hours duration shall be conducted during the $16^{th} - 20^{th}$ week of the semester for each course.

g) In case of a student who has failed to attend the C1 or C2 on a scheduled date, it shall be deemed that the student has dropped the test. However, in case of a student who could not take the test on scheduled date due to genuine reasons, such a candidate may appeal to the college examination committee / Principal through proper channel. The college examination committee / Principal in consultation with the concerned Departments shall decide about the genuineness of the case and recommend to COE to arrange for the special test to such candidate after the completion of C2. This provision shall be availed by the students for either C1 or C2.

h) The marks of the internal assessment shall be published on the notice board of the department / college for information of the students and each of them shall acknowledge the same.

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

j) Internal assessment marks shall be shown separately in the marks card. A candidate, who has failed or rejected the result, shall retain the same internal assessment marks.

12. REGISTRATION FOR EXAMINATIONS:

A candidate shall register for all the papers of a semester when he/she appears for the examination of that semester for the first time.

13. CONDUCT OF EXAMINATIONS:

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.

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.

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

14. MINIMUM FOR A PASS:

14.1 The candidate should secure minimum of 40% of marks in SEE**.** A candidate should secure minimum of 40% of marks in CIA1, CIA2, CIA3 and SEE puttogether. The candidate with pending option shall complete SEE component within specified duration by reappearing only for SEE component

of that course and he/ she carries the same marks awarded inC1, C2 and C3.

14.2 If a candidate fails in a subject, either in theory or in the practical, he/she shall appear for that subject only at any subsequent regular examination, within the maximum period prescribed for completing the programme.

14.3 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.
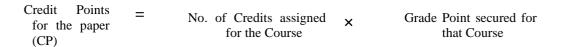
15. CARRY OVER:

A candidate who fails in a lower semester examination may go to the higher semester.

16. CLASSIFICATION OF SUCCESSFUL CANDIDATES: CLASS & GRADES

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:

16.1   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.

Credit Points for the paper (CP) = No. of Credits assigned for the Course × Grade Point secured for that Course

SGPA = Total CP of all the courses/ Total Credits

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16.2 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.

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

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)	Outstanding
8.00 – 8.99	A+ (Excellent)	First Class Exemplary
7.00- 7.99	A (Very Good)	First Class With Distinction
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	

16.3 The candidates who pass all the semester examinations in the first attempt only are considered for the award of rank.

16.4 The results of the candidates who have passed the V/VI semester examination but not passed the lower semester examinations shall be declared as NCL (Not Completed Lower semester examinations). Such candidates shall be eligible for the degree only after completion of all the lower semester examinations.

17. IMPROVEMENT OF RESULTS:

17.1 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.

17.2 The improvement option shall be exercised only once in each semester

17.3 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.

17.4 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.

17.5 A candidate who opts for Improvement of result is not eligible for ranking.

18. **TRANSFER OF ADMISSION:** Transfer of admissions is permissible only for the students of III and V semesters.

18.1 **Conditions for transfer of admission of students within the University.**

    a. His/her transfer admission shall be within the intake permitted to the college.

    b. Availability of same combination of subjects studied in the previous college.

    c. He/she shall fulfill the attendance requirements as per the Regulation.

    d. He/she shall complete the programme as per the regulation governing the maximum duration of completing the programme.

18.2 **Conditions for transfer admission of students of other Universities.**

    a. A Candidate migrating from any other University may be permitted to join III/V semester of the degree programme provided he/she has passed all the subjects of previous semesters / years as the case may be. Such candidates must satisfy all other conditions of eligibility stipulated in the regulations of Rani Channamma University.

    b. His / Her transfer admission shall be within the intake permitted to the college.

    c. He/she shall fulfill the attendance requirements as per the University Regulation.

    d. The candidate who is migrating from other Universities is eligible for overall class and not for ranking.

    e. He / She shall complete the programme as per the regulation governing the maximum duration of completing the programme as per this regulation.

19. **SETTING OF QUESTION PAPERS AND EVALUATION PROCESS:**

19.1 There shall be a Board of Appointment of Examiners (BOAE) consisting of

    a. Principal/ Chief Controller of Examinations.

    b. Controller of Examinations

    c. BOE Chairman

19.2 The BOAE shall appoint the Board of Examiners (BOE) from the panel of examiners prepared by the Department Council and approved by BOS for each course.

19.3 There shall be one chairman, BOE for each semester (for all papers in that semester) appointed on rotation basis by the concerned Department council based on the seniority. The chairman, BOE, shall be responsible for conducting BOE meetings (Question Paper Scrutiny) / any other such duties related to examinations.

19.4 There shall be two to three sets of question papers for each course, of which at least one shall be set by an external examiner.

19.5 Whenever the Controller of Examinations feels shortage of internal examiners, both sets of the question papers shall be set by external examiners.

19.6 The chairman, BOE, and an External Member shall scrutinize all the Question Papers during BOE Meeting. Any discrepancies / errors in the question paper should be brought to the notice of the

Controller of Examinations and rectified.

19.7 There shall be double valuation for all theory papers, practical courses/ project, one by Internal & one by External examiner. The average of the marks awarded by the internal and external examiners shall be taken as the final marks (subject to 19.9) for that particular course. Whenever there are no sufficient internal examiners, both valuations should be done by external examiners.

19.8 In practical examination / project evaluation, both examiners shall submit a consolidated marks sheet / report in a sealed cover to the Controller of Examinations at the end of last session.

19.9 In case of theory papers, difference of marks awarded by the internal and external evaluators is more than 15% (out of total marks allocated in SEE), such script shall be referred to the third evaluator (external examiner other than the previous examiners subjected to availability) selected by the controller of examinations. For the final award of marks, the average of nearest two from three shall be considered. In case, the difference between of marks obtained in all three valuations is same, then the average of all shall be considered.

19.10 The pattern of Question Paper shall be as decided by the concerned BOS.

20. DISPOSAL POLICY OF VALUED ANSWER SCRIPTS:

20.1 The valued answer scripts of CIA-1, CIA-2 and CIA-3 shall be maintained in the Department by the Head of Department for at least one year from the date of examination.

20.2 The answer scripts of SEE examination shall be maintained by the controller of Examinations for a period of one year from the date of announcement of the results. After one year and due scrutiny, all the valued answer scripts shall be disposed off following the disposal protocol. Once the answer scripts are destroyed / disposed, no claims what so ever about the disputes over marks awarded/obtained shall be entertained.

21. Photocopy of Answer scripts, Re-totaling and Challenge-valuation

a) A candidate, May apply for Photocopy of his/her theory answer script of SEE examination, by submitting an application along with the prescribed fee. The controller of examination may fix a specific period for the same immediately after the announcement of results.

b) A candidate may apply for Challenge valuation by submitting an application along with the prescribed fee. For this purpose, a notice may be circulated by the COE within the date as notified from time to time by the College.

c) The Challenge valuation shall be referred to external evaluator (other than first/second) by the controller of examinations.

d) The result of Challenge valuation shall be announced within 15 days from the last date fixed for receipt of applications.

22. MISCELLANEOUS:

22.1 The Institute shall issue such orders, instructions, procedures and prescribe such format as required to implement the provisions of this Regulations.

22.2 The procedural details will be given by the Institute from time to time.

22.3 Any unforeseen problems/difficulties may be resolved by the Principal, whose decision in the matter shall be final.

Appendix "A"

MODEL FOUND APPROPRIATE AND ADOPTED

IIA. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Bachelor of Arts (Basic/ Hons.)/ Bachelor of Science (Basic/ Hons.) in subjects with practical, with one major and one minor Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits
Skill based (Credits) (L+T+P)			Value based (Credits) (L+T+P)			
I	Discipline A1(4+2) Discipline B1(4+2)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)	SEC-1: Digital Fluency (2) (1+0+2)	Physical Education for fitness(1)(0+0+2)	Health & Wellness (1) (0+0+2)	25
II	Discipline A2(4+2) Discipline B2(4+2)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)	Physical Education - Yoga(1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate (50 credits)						
III	Discipline A3(4+2) Discipline B3(4+2)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs each)	SEC-2: Artificial Inte-lligence (2)(1+0+2)	Physical Education- Sports skills(1)(0+0+2)	NCC/NSS/R&R(S&G)/Cult ural (1) (0+0+2)	25
IV	Discipline A4(4+2) Discipline B4(4+2)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitution of India (2)	Physical Education -Games (1) (0+0+2)	NCC/NSS/R&R(S&G)/Cult ural (1) (0+0+2)	25
Exit option with Diploma (100 credits) OR Choose any one of the core subjects as Major and the other as Minor						
V	Discipline A5(3+2) Discipline A6(3+2) Discipline B5(3+2)		Vocational-1 (3)	SEC-3: SEC such as Cyber Security (2) (1+0+2)			20
VI	Discipline A7(3+2) Discipline A8(3+2) Discipline B6(3+2)		Vocational-2 (3) Internship (2)	SEC-4: Professional Communication (2)			22
Exit option with Bachelor of Arts, B.A./ Bachelor of Science, B.Sc. Basic Degree (142 credits) or continue studies with the Major						
VII	Discipline A9(3+2) Discipline A10(3+2) Discipline A11(3)	Discipline A, E-1 (3) Discipline A, E-2 (3) Res.Methodology (3)					22
VIII	Discipline A12(3+2) Discipline A13(3) Discipline A14(3)	Discipline A, E-3(3) Research Project (6)*					20
Award of Bachelor of Arts Honours, B.A. (Hons.)/ Bachelor of Science Honours, B.Sc. (Hons) degree in a discipline (184 credits)						

*In lieu of the research Project, two additional elective papers/ Internship may be offered.

Appendix "B"

I-C. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka
Bachelor of Computer Applications (Basic/Hons.) with Computer Applications as core subject

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective(OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC),Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	CA C-1 (3+2) CA C-2 (3+2) CA C-3 (3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)		SEC-1: Alternative SEC in place of digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	26
II	CA C-4 (3+2) CA C-5 (3+2) CA C-6 (3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)		Physical Education – Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	26
	Exit option with Certificate in Computer Applications (with a minimum of 52 credits)							
III	CA C-7 (3+2) CA C-8 (3+2) CA C-9 (3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs each)		SEC-2: Alternative SEC in place of AI (2) (1+0+2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	26
IV	CA C-10 (3+2) CA C-11 (3+2) CA C-12 (3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitution of India (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	26
	Exit option with Diploma in Computer Applications (with a minimum of 100 credits)							
V	CA C-13 (3+2) CA C-14 (3+2) CA C-15 (3)	CA E-1 (3) Vocational-1 (3)			SEC-3: Alternative SEC in place of Cyber Security (2) (1+0+2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
VI	CA C-16 (3+2) CA C-17 (3+2) CA C-18 (3)	CA E-2 (3) Vocational-2 (3)			SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
	Exit Option with Bachelor of Computer Applications Degree, BCA Degree (with a minimum of 144 credits)							
VII	CA C-19(3+2) CA C-20(3+2) Internship (2)	CA E-3 (3) Vocational-3 (3) Res. methodology(3)						21
VIII	CA C-21 (3+2) CA C-22 (3)	CA E-4 (3) Vocational-4 (3) Research Project(6)*						20
	Award of Bachelor of Computer Applications Honours Degree, BCA (Hons.) Degree (185 credits)							

*In lieu of the research Project, two additional elective papers/ Internship may be offered.