



SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA

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शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग— २६०९०९४)

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Ref./SU/BOS/ HUM/ 4750

Date:- 01/06/2018

The Principal
All Affiliated Arts (B.A.) Colleges,
Shivaji University,
Kolhapur.

Subject: Regarding Guidelines, Rules, Regulation, Structure and Standard of Passing of B.A. Part –I ,II,III (Sem I & VI) Choice Based Credit System (CBCS) under the Faculty of Humanities.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that University authorities have accepted and granted approval to Guidelines, Rules, Regulation, Structure and Standard of Passing of B.A. Part- I,II, III (Sem. I & VI) Choice Based Credit System (CBCS) under the Faculty of Humanities.

This Guidelines, Rules, Regulation, Structure and Standard of Passing shall be implemented from academic year 2018-2019 (i.e. from June 2018 onwards). A soft copy containing Guidelines, Rules, Regulation, Structure and Standard of Passing is attached herewith and it is also available on university website www.unishivaji.ac.in. (Online Syllabus)

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,

Dy. Registrar

Encl: As above

Copy to;

- 1 Dean, Faculty of Humanities
- 2 Chairman, BOS & Ad-hoc Bords under Faculty of Humanities
- 3 Appointment Section
- 4 P.G. Admission Section
- 5 B.A. Section
- 6 Affiliation Section (U.G.)
- 7 Computer Centre
- 8 Eligibility Section
- 9 Distan Education

for information and necessary action.



Shivaji University, Kolhapur

Choice Based Credit System (CBCS)

Bachelor of Arts (B. A.) Program

Faculty of Humanities

(To be implemented from Academic Year 2018-19)

Shivaji University, Kolhapur
Regulations and Guidelines
Under Choice Based Credit System (CBCS)
Bachelor of Arts (B. A.) Program
Under the Faculty of Humanities
 (To be implemented from Academic Year 2018-19)

1. **Implementation of Regulations & guidelines** - The Regulations and guidelines shall be implemented as mentioned below -
 - B.A. Part – I, Sem I & II** from Academic year 2018- 19
 - B.A. Part – II, Sem III & IV** from Academic year 2019- 20
 - B.A. Part – III, Sem V & VI** from Academic year 2020- 21
2. **Eligibility Criteria:** As per Ordinance – O. B. A. 1
3. **Pattern of CBCS** - The pattern of CBCS for Semester examinations shall be as mentioned below:
 - i. B. A. Part – I, Sem I & II:-** 50 marks University Semester examination for each theory paper in each Semester.
 - ii. B. A. Part – II, Sem III & IV:-** 50 marks University Semester examination for each theory / practical paper in each Semester except Environmental Studies.
 For Environmental Studies at Semester IV, 70 marks will be for theory paper and 30 marks for the project work.
 - iii. B. A. Part – III, Sem V & VI :-** 40:10 pattern shall be applicable for each theory paper in each semester wherein 40 marks shall be for University Semester examination and 10 marks for internal assessment.
4. **Weightage:** There shall be 1900 marks for 3 years having 6 Semesters B. A. CBCS Program with 148 Credits.
 - a) **B. A. Part – I (Sem I & II) :**
 For B. A. Part I total 12 papers with 6 papers of each semester and total Credits shall be 48 with 24 Credits for each Semester.
 - I.** There shall be Ability Enhancement Compulsory Courses (subjects) (hereafter termed as AECC) with Paper 1 for Sem I and Paper 2 for Sem II each of 50 marks, as compulsory English course.

- II. There shall be one Compulsory Generic Elective (CGE) to be chosen from the list of CGE.
- III. There shall be four Discipline Specific Core Courses (subjects) (hereafter termed as DSC) per semester. However, Student should select at least One paper from DSC- A and DSC –B.

b) B.A. Part –II (Sem III & IV) –

For B. A. Part II there shall be total 13 papers with 6 papers for of each semester and one compulsory paper of Environmental Studies. Credits shall be 52 with 28 Credits for Sem III and 24 Credits for Sem IV.

- I. There shall be Ability Enhancement Compulsory Course (subjects) (hereafter termed as AECC) with Paper 3 for Sem III and Paper 4 for Sem IV each of 50 marks, as compulsory English course.
- II. There shall be one compulsory Interdisciplinary Studies (IDS) to be chosen from group IDS -A or IDS- B. However it is compulsory to select IDS subject from respective DSE group, i. e. Candidate who has selected paper from DSE- C group should select from IDS- A group. Similarly Candidate who has selected paper from DSE- D group should select from IDS- B group.
- III. There shall be One Paper of Environmental Studies (EVS) (Theory – 70 marks) and (Project – 30 marks) as compulsory Environmental Studies course. The examination shall be conducted at the end of Sem IV. The Credits of the Environmental Studies course shall be assigned at the end of Sem IV.
- IV. There shall be two papers each, from two Discipline Specific Core course DSC- C and DSC - D (subjects) per semester.

c) B.A. Part –III (Sem V & VI) –

For B. A. Part III there shall be total 12 papers with 6 papers for each semester and Credits shall be 48 with 24 Credits for each Semester. For each paper there shall be 3.2 Credits for theory and 0.8 credits for internal assessment.

- I. There shall be Ability Enhancement Compulsory Course AECC-5 for Sem V and AECC- 6 for Sem VI, each of 40 (Theory)+10(Internl) marks.

- II.** There shall be one Discipline Specific Elective (hereafter termed as DSE-E) as a special course (subject) from B. A. part II – DSC- C or DSC-D.
- III.** There shall be 5 theory papers each of 40 marks for a DSE-E per Semester. There shall be 5 internal assessments for each of 10 marks per Semester for DSE-E.

d) Credit distribution chart for B. A. Program with Course Code :

Course Name	Total Courses(Papers)	Total Credits	% in total course
DSC : Discipline Specific Core Course	18	72	49
AECC : Ability Enhancement Compulsory Courses	7	28	19
DSE : Discipline Specific Elective	10	40	27
CGE : Compulsory Generic Elective	2	8	5
TOTAL	37	148	100%

5. Scheme of Examination –

The following shall be the scheme of Examination

The Question paper in each Semester for each theory paper for B. A. Semester I, II, III & IV shall be of 50 marks. The question paper for Environmental Studies for Semester IV shall be of 70 marks for theory and 30 marks for project work. For B. A. Semester V & VI question paper shall be of 40 marks for each theory paper and 10 marks for Internal Assessment.

The following shall be the scheme of Internal Assessment

There shall be continuous Internal Assessment of 10 marks for B.A. Part – III, **Sem V & VI**. Internal Examination/ Subject related activities assessment will be compulsory for all students. If a candidate fails or remains absent in Internal Examination / Subject related activities assessment then candidate will have to clear the Internal Examination / Subject related activities assessment in subsequent attempt/s in next semester.

6. Ordinances regarding the examination – O. B.A. 2, 3 and 4 shall prevail.

7. **Duration of Semester Examination for each theory paper** - The duration of Semester Examination for each theory paper of 40/50 marks shall be of two hours except Environmental Studies of 70 marks (Sem IV, Examination) which shall be of 3 hrs.
8. **Equivalence of papers and chances for the students in previous-Semester pattern** - Two additional chances from the implementation of CBCS syllabus, shall be provided for the repeater students of old B. A. Part I, II, III – Sem I to VI. After this the concerned students will have to appear for the Examination as per CBCS Pattern. Equivalence of papers shall be provided as per revised syllabus for CBCS pattern.
9. **Standard of passing-** The Standard of passing shall be 35%. For B. A. Part I & II (Sem I to IV) the candidate will have to score 18 marks out of 50 in each theory paper. Only for Environmental Studies (Sem IV, Examination) the Student will have to score 25 marks out of 70 in theory paper and 11 marks out of 30, for project work. For B. A. Part – III (Sem V and VI) the student will have to score 14 marks out of 40 in each theory paper and 4 marks out of 10 in each Internal Examination/ assessment. There will be a separate head of passing in Theory and Internal Examination. However ATKT rules shall be applicable to Theory Paper (University examination) only.

10. Gradation Chart:

Marks Obtained	Numerical Grade (Grade Point)	CGPA	Letter Grade
Absent	0 (zero)	-	-
0 - 34	0 to 4	0.0 – 4.99	F (Fail)
35 - 44	5	5.00 – 5.49	C
45 - 54	6	5.50 – 6.49	B
55 - 64	7	6.50 – 7.49	B+
65 - 74	8	7.50 – 8.49	A
75 - 84	9	8.50 – 9.49	A+
85 - 100	10	9.50 – 10.0	O (Outstanding)

Note:

1. Marks obtained ≥ 0.5 shall be rounded off to next higher digit.
2. The SGPA & CGPA shall be rounded off to 2 decimal points.
3. Marks obtained in 50 marks or 200 marks paper shall be converted to 100 marks.

Calculation of SGPA & CGPA

1. Semester Grade Point Average (**SGPA**)

$$\text{SGPA} = \frac{\sum(\text{Course credits} \times \text{Grade points obtained}) \text{ of a semester}}{\sum(\text{Course credits}) \text{ of respective semester}}$$

2. Cumulative Grade Point Average (**CGPA**)

$$\text{CGPA} = \frac{\sum(\text{Total credits of a semester} \times \text{SGPA of respective semester}) \text{ of all semesters}}{\sum(\text{Total course credits}) \text{ of all semesters}}$$

11. **Ordinances regarding the Examination** – O. B.A. 2, 3 & 4 shall prevail.

12. **Practical Examinations** – There shall be Practical Examination for subjects like Geography, Psychology, Home Science, Physical Education and Yoga. The rules for Practical Examinations shall be as per the letter / circular issued by respective Board of Studies from time to time.

13. **Result** - The result of each Semester shall be declared as Pass or Fail or Allowed to Keep Terms (A.T.K.T. for Sem II & IV) with grade/ grade points and Credits gained.

14. **Revised Rules** - These revised rules will be implemented with effect from the academic year 2018-19 onwards for B.A. degree program. However the existing (i.e. pre-revised) rules shall remain in force for the students of old semester pattern during the transition period.

Choice Based Credit System (CBCS) pattern
Under Faculty of Humanities
Implemented from the academic year 2018-19

Sr. No.	Rules and Regulations
CBCS R. B. A. 1	<p>The 3 year B. A. CBCS Program shall consist of 6 semesters each of 6 months duration. Semester Examination shall be held at the end of each semester.</p> <p>(A) Structure of Programme : Following shall be the Structure and course list</p> <p>(i) Structure - I for B. A. Part – I (ii) Structure - II for B. A. Part – II (iii) Structure - III for B. A. Part – III</p> <p>(B) List of courses (Subject)</p> <p>(i) for B. A. Part – I (ii) for B. A. Part – II (iii) for B. A. Part – III</p>
CBCS R. B. A. 2	<p>Non-Credit courses:</p> <p>(A) Compulsory Civic Courses (CCC) For Sem I and Sem V there shall be Compulsory Civic Courses under self study mode which are as follows: Sem I: CCC – I : Democracy, Elections and Good Governance Sem V: CCC – II : Constitution of India and Local Self Government</p> <p>(B) Skill Development Courses (SDC) For Sem II and Sem VI there shall be Compulsory Skill Development Courses under self study mode which are as follows: Sem II: SDC – I : Any one from following (i) to (v) i) Business Communication & Presentation ii) Event management iii) Personality Development, iv) Yoga & Physical Management v) Resume, Report & proposal writing Sem VI: SDC – II: Any one from following (vi) to (x) vi) Interview & Personal Presentation Skill, vii) Entrepreneurship Development Skill, viii) Travel & Tourism, ix) E-Banking & Financial Services, x) RTI & Human Right Education (HRE), IPR & Patents</p>

	<ul style="list-style-type: none"> • <i>These courses are of Self Study mode. The study material of all above courses will be made available on University website.</i> • <i>The Examination of each of the course will be of 50 marks having 25 MCQ questions. Minimum 20 marks (40%) out of 50 are required for passing.</i> • <i>The duration of examination shall be 60 minutes.</i> • <i>The examination shall be conducted at the college level.</i> • <i>The list of all candidates along with marks is to be submitted to the University.</i> • <i>The degree will be awarded only after successful completion of these courses.</i> • <i>The performance of students regarding Non-Credit courses (CCC & SDC) shall be separately mentioned in Result-sheet as Pass or fail.</i>
<p>CBCS R. B. A. 3</p>	<p>i. The following shall be the course of studies for the B.A. Part-I CBCS Semester Examinations There shall be AECC for both Semester as compulsory English course, one CGE to be chosen from the list of CGE and four DSC per semester. However, Student should select at least One paper from DSC- A and DSC –B.</p> <p>ii. The following shall be the course of studies for the B.A. Part-II CBCS Semester Examinations. The B. A. Part-II Semester Examinations shall consist of six papers (in each semester) each of two hours duration and carrying 50 marks for University (Theory) examination.</p> <p>B. A. Part-II (Second Year)</p> <ol style="list-style-type: none"> 1. AECC: English 2. IDS (Generic Elective) - The Second course (subject) shall be inter-disciplinary. The inter-disciplinary course (subject) to be offered by the candidate shall be from amongst the courses (subjects) mentioned against each of the DSC courses (subjects). 3. A candidate shall choose two courses (subjects) with two papers each out of the four DSC courses (subjects) of the 1st year. <p><i>Note: A candidate who has passed the B. A. Part-I (CBCS pattern) of this University or any other statutory university is recognised as equivalent thereto. Candidate is allowed to select any two DSC at the B. A. Part-II, irrespective of the DSC offered by him at his B. A. Part-I Examination.</i></p>

CBCS R. B. A. 4	<p>The following shall be the course of studies for the B. A. Part-III Semester Examinations :-</p> <p>The B. A. Part-III Semester Examinations shall consist of Six papers (in each semester), each of two hours duration and carrying 40 Marks for university (Theory) examination and 10 Marks for internal examination. English Compulsory and five Papers of one special subject are to be selected from two optional subjects offered at second year.</p>										
CBCS R. B. A. 5	<p>a) A candidate will have the option of answering questions in any of the subjects other than Languages, either in Marathi or in English.</p> <p>b) In the case of Languages, the question shall be answered in the medium as indicated below, except those questions which require translation into a particular language:</p> <table border="1" data-bbox="492 663 1416 1083"> <thead> <tr> <th data-bbox="492 663 867 722">Language</th> <th data-bbox="867 663 1416 722">Medium of Examination</th> </tr> </thead> <tbody> <tr> <td data-bbox="492 722 867 825">Sanskrit, Pali, Ardhamagadhi</td> <td data-bbox="867 722 1416 825">The same language or English or Marathi.</td> </tr> <tr> <td data-bbox="492 825 867 926">Persian</td> <td data-bbox="867 825 1416 926">Persian, Urdu, English, or Marathi.</td> </tr> <tr> <td data-bbox="492 926 867 1026">Marathi, Kannada, Urdu, Hindi</td> <td data-bbox="867 926 1416 1026">The same language</td> </tr> <tr> <td data-bbox="492 1026 867 1083">English, German</td> <td data-bbox="867 1026 1416 1083">The same language or English.</td> </tr> </tbody> </table> <p>c) The question papers in Modern Indian Languages will be set in those languages while those in English, Mathematical Statistics, Mathematics, Applied Mathematics and Applied Mathematical Statistics will be set in English only.</p> <p>Nature of Question Papers: The nature of Question Paper shall be as decided by the Humanities Faculty.</p>	Language	Medium of Examination	Sanskrit, Pali, Ardhamagadhi	The same language or English or Marathi.	Persian	Persian, Urdu, English, or Marathi.	Marathi, Kannada, Urdu, Hindi	The same language	English, German	The same language or English.
Language	Medium of Examination										
Sanskrit, Pali, Ardhamagadhi	The same language or English or Marathi.										
Persian	Persian, Urdu, English, or Marathi.										
Marathi, Kannada, Urdu, Hindi	The same language										
English, German	The same language or English.										
CBCS R. B. A. 6	<p>i. The Principal of the college may permit candidate to change optional course (subject) / (subjects) in the first term only of the respective year before submission of University Examination form.</p> <p>ii. If a candidate desires to change the optional courses (Subjects), already taken for B. A. Part II, the candidate has to reappear for terms of B. A. Part I: Sem I & II, (for theory and practical) with courses (Subjects) which the candidate desires. In this case candidate's earlier performance shall be cancelled.</p> <p>iii. If a candidate desires to change the optional courses (Subjects), already taken for B. A. Part III, the candidate has to reappear for terms of B. A. Part I & II: Sem I to IV, (for theory and practical) with courses (Subjects) which the candidate desires. In this case candidate's earlier performance shall be cancelled.</p>										

	iv. A candidate who desires to change the course (subject) shall have to keep four additional terms and shall have to clear Part-I & Part-II (respective semesters) subject.
CBCS R. B. A. 7	The Principal of the college has to certify the attendance and the examination form of the candidate as per the Ordinance O. 31 and O. 37. A candidate has to submit University examination form as per the Schedule and dates prescribed by the University for every Examination.
CBCS R. B. A. 8	<p>The Scheme of the Physical Education has been made operative for B. A. Part-I.</p> <p>The benefit of marks, obtained by the students in Physical Education Tests (of 10 marks) conducted by the University authorities shall be as under :</p> <ol style="list-style-type: none"> 1. If a student fails in up to four heads of passing of University examination (Theory / Practical) and having passed in all the remaining heads of passing, the marks obtained by him in the Physical Education Test shall be added to maximum up to four heads of passing in which he has failed as the case may be. A student getting the benefit of Physical Education marks should not be given advantage of any other Ordinance. The Physical Education Marks shall not be considered for the award of Class and for deciding merit. 2. If as a result of addition of Physical Education marks a student does not pass the examination the marks obtained by him in Physical Education shall not be considered. 3. The marks of Physical Education obtained by the unsuccessful students at the B. A. Part-I semester Examination shall be carried forward for their subsequent attempt/s. 4. The marks obtained in Physical Education shall not be considered for earning exemption in a subject of head of passing, but the marks will be carried forward for availing the benefit at the subsequent attempts. 5. The marks secured by the students under the Physical Education scheme shall be added to the total of his marks in the Examination irrespective of the fact of his passing or failure in the examination. The Physical Education marks shall be shown as "Total +P. E. Marks". 6. The Physical Education Test shall be conducted in the Second Semester.
CBCS R. B. A. 9	The B.A. Part-I, II and III Semester Examinations shall be held twice in a year in April / May and October / November.
CBCS R. B. A. 10	A candidate who has satisfactorily kept term for first Sem of B. A. Part-I in this University or any other Universities following UGC, CBCS pattern shall be allowed to join for the Second Sem of the B. A. Part-I in this University.

<p>CBCS R. B. A. 11</p>	<p>i) A candidate, who has once passed the B.A. Degree Examination of this University, shall be permitted, on the submission of a fresh application and the payment of a fresh fee, to appear again at the B.A. degree examination offering as his special subject any one of his DSC (optional) subjects, other than the special subject in which candidate has already passed; provided candidate fulfils the usual conditions laid down for regular students, but candidate will not be awarded a class or degree. However, candidate will be awarded passing certificate by the University.</p> <p>ii) The Candidate who has already taken degree in any of the DSE courses and wants to change the principal courses (Subjects), candidate can appear for new course as principal course (Subject), from amongst the optional subjects of B. A. Part II, the candidate can complete his new course; however the candidate will not be offered new degree in the principal subject. If the candidate wishes to have new degree, he shall have to surrender his first degree.</p> <p>iii) A candidate who has passed the B.Sc./B.Com. Degree Examination of this University or an examination recognized as equivalent thereto shall be allowed to take admission to B.A. Part-II programme. Such a candidate shall be required to appear in all the papers of B.A. Part -I, II and III to enable him to be eligible for award of a degree and a class, but not for a prize, scholarship, medal or any other award. Those students who do not desire to have a Class / degree , need not appear for the papers of B.A. Part-I Examination.</p> <p>iii) A candidate passing the B.Com. Examination of this University or an examination recognized as equivalent thereto and intending to appear for the B.A. Examination shall at his option be exempted from appearing in English of B.A. Part -II & III. Such candidates offering Economics at B.A. examination, be exempted from appearing in the optional papers in Economics at B.A. Part-II and in English at B.A. Part-II & III. However, such candidate shall not be eligible for a class.</p> <p>iv) A candidate passing the B.Sc. examination of this University or an examination recognized as equivalent, shall be exempted from appearing in the paper of English (AECC) at B.A. Part-III. However, such candidate shall not be eligible for a class.</p>
<p>CBCS R. B. A. 12</p>	<p>A Candidate, who has once passed the B.A. Degree of this University or any other Statutory University or recognized as equivalent thereto, shall be allowed to appear again for the same examination provided the candidate offers DSE subjects different from those in which he has already passed at the B.A. Part-II and III Examinations and provided further he keeps four terms in a College affiliated to this University (two for Part-II and two for Part-III). Such a candidate will not be required to keep terms for B.A. Part-I</p>

	<p>Papers.</p> <p>Such a candidate shall be exempted from AECC (Compulsory English) of B. A. Part-II & III. Candidate need not appear for the papers of B.A. Part-I Examination.</p> <p>A candidate appearing for above examination in accordance with the provisions stated above shall not be eligible for a degree, a class, prize, a scholarship, a medal or any other award.</p>
CBCS R. B. A. 13	The provisions of R.B.A. 11 and 12 shall also apply to a distance mode candidate.
CBCS R. B. A. 14	For every subject of B.A. Parts-I (Sem. I& II), II (Sem.III & IV) and III (Sem.V & VI) each theory, internal and practical (wherever applicable) shall have a separate head of passing.
CBCS R. B. A. 15	<p>i) The result of the B.A. Part-I examination shall be declared publicly in two categories viz. a) Candidate who have passed the Part-I examination and b) candidates who are allowed to keep term for B.A. Part-II course.</p> <p>ii) The result of the B.A. Part-II examination shall be declared publicly in two categories viz. a) Candidates who have passed in all papers of the examination in addition to the remaining papers, if any of the lower Examination b) candidates who are allowed to keep term for B.A. Part-III course.</p> <p>No Class shall be awarded at B.A. Part-I & Part- II <u>Semester</u> Examination and no Passing Certificate shall be issued to the candidates for these examinations.</p> <p>iv) The result of B.A. Program (Sem I to VI) shall be declared in Grades by considering SGPA & CGPA (with percentage) based on the performances of all the courses at respective semesters. The award of scholarships and prizes for the B.A. Program shall be determined on the basis of the aggregate performance of the candidate at Sem I to VI examination.</p>
CBCS R. B. A. 16	The Results of the Examination will be declared on the basis of marks obtained, Grade points obtained, Credit points, Status, Percentage of marks, Result, SGPA & CGPA with numerical grade point and letter grade. The list of Courses, course code, Paper number of programme, numerical grade & letter grade table and calculation of SGPA and CGPA table shall be mentioned on the backside of mark-sheet.

CBCS R. B. A. 17	<p>A candidate passing Part – I or II Semester Examinations of the B.A. Degree programme under CBCS of the other Statutory Universities can take admission to next semester of Shivaji University and the marks of earlier semesters of previous Statutory University be converted in proportion to Shivaji University, Marks structure and grades be awarded accordingly.</p> <p>However, if the candidate's previous programme is not under CBCS, the above provision will not be applicable.</p> <p>Those students who have obtained A.T.K.T., at any examinations of other Statutory Universities and desire to migrate to Shivaji University for pursuing their further studies will have to clear the failed subjects of A.T.K.T. from the previous University.</p> <p>In case of such students the previous University should issue the migration Certificate and also allow them to appear for the Examination in the failed subject of A.T.K.T. while they pursue their studies in Shivaji University.</p>
CBCS R. B. A. 18	<p>A candidate who has passed in any papers / practical shall not be allowed to appear again in the same paper / practical. However a candidate desirous to improve the Grade (Class) may appear the immediate next examination and before the award of degree.</p>
CBCS R. B. A. 19	<p>A candidate who has passed or has secured ATKT for the B.A. Part-I CBCS Semester Examination of Shivaji University in distance mode, and is eligible to register his name for B.A. Part-II Examination, will be permitted to join a college in regular mode of B.A. Part-II programme and <i>vice versa</i>.</p> <p>Note: This provision is not applicable for students passing B. A. Part II and seeking admission for B. A. Part – III.</p>
CBCS R. B. A. 20	<p>The course of study, the syllabi and the standard of passing of the examination for B. A. degree shall be identical for both distance and regular mode students. The distance mode candidate shall not offer any subjects which involve practical work in a laboratory or keeping of journals and the subjects for which there is no teaching provision in any of the affiliated colleges of the University.</p>
CBCS R. B. A. 21	<p>The syllabi for the various subjects shall be as prescribed by the Shivaji University authorities from time to time and shall be subject to such revision, modifications as may be made by the Academic Council from time to time on the recommendations of the Boards of Studies in different subjects. The text books and reference books for the various subjects shall be those as prescribed by the Academic Council from time to time on the recommendations of the respective Boards of Studies. Note: The pattern of question paper shall be as prescribed by respective university authorities.</p>

CBCS R. B. A. 1 : (A) Structure of Programme :**(iv) Structure - I for B. A. Part – I**

Semester I – Duration : 6 Months									
Teaching Scheme					Evaluation Scheme				
Sr. No.	Course	No. of Lectures	Hours	Credits	Theory	Internal	Total Marks	Min Marks (for passing)	Exam Duration (Hrs.)
1.	DSC – I	4	3.2	4	50	No Internal Exam	50	18	2
2.	DSC – I	4	3.2	4	50		50	18	2
3.	DSC – I	4	3.2	4	50		50	18	2
4.	DSC – I	4	3.2	4	50		50	18	2
5.	CGE – I	4	3.2	4	50		50	18	2
6.	AECC – I	4	3.2	4	50		50	18	2
Total		24	19.2	24	300		300	-	-

Semester II – Duration : 6 Months									
Teaching Scheme					Evaluation Scheme				
Sr. No.	Course	No. of Lectures	Hours	Credits	Theory	Internal	Total Marks	Min Marks (for passing)	Exam Duration (Hrs.)
1.	DSC – II	4	3.2	4	50	No Internal Exam	50	18	2
2.	DSC – II	4	3.2	4	50		50	18	2
3.	DSC – II	4	3.2	4	50		50	18	2
4.	DSC – II	4	3.2	4	50		50	18	2
5.	CGE – II	4	3.2	4	50		50	18	2
6.	AECC – II	4	3.2	4	50		50	18	2
Total		24	19.2	24	300		300	-	-
Grand Total		48	38.4	48	600		600	-	-

1. Student Contact Hrs per week : 19.2 hrs	3. Total marks for BA I : 600
2. Lectures : 48 Min	4. Total Credit for BA I : 48

DSC: Discipline Specific Core Course - Candidate can opt four courses (Subjects) from DSC. However, Candidate shall opt for at least one language course (subject) from DSC.
CGE : Compulsory Generic Elective - Candidate can opt any one course (Subject).
AECC : Ability Enhancement Core Course (Compulsory English).
(A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC) For Sem I: CCC – I : Democracy, Elections and Good Governance
(B) Non-Credit Self Study Course : Skill Development Courses (SDC) For Sem II: SDC – I : Any one from following (i) to (v) i) Business Communication & Presentation ii) Event management iii) Personality Development, iv) Yoga & Physical Management v) Resume, Report & proposal writing

ii) Structure II : B. A. Programme Sem III & IV

Semester III – Duration : 6 Months									
Teaching Scheme					Evaluation Scheme				
Sr. No.	Course	No. of Lectures	Hours	Credits	Theory	Internal	Total Marks	Min Marks (for passing)	Exam Duration (Hrs.)
1.	DSC – III	4	3.2	4	50	No Internal Exam	50	18	2
2.	DSC – IV	4	3.2	4	50		50	18	2
3.	DSC – III	4	3.2	4	50		50	18	2
4.	DSC – IV	4	3.2	4	50		50	18	2
5.	IDS – I	4	3.2	4	50		50	18	2
6.	AECC – III	4	3.2	4	50		50	18	2
7.	AECC-EVS	4	3.2	4	-		-	-	-
Total		28	22.4	28	300		300		

Semester IV – Duration : 6 Months									
Teaching Scheme					Evaluation Scheme				
Sr. No.	Course	No. of Lectures	Hours	Credits	Theory	Internal	Total Marks	Min Marks (for passing)	Exam Duration (Hrs.)
1.	DSC–V	4	3.2	4	50	No Internal Exam	50	18	2
2.	DSC–VI	4	3.2	4	50		50	18	2
3.	DSC–V	4	3.2	4	50		50	18	2
4.	DSC–VI	4	3.2	4	50		50	18	2
5.	IDS – II	4	3.2	4	50		50	18	2
6.	AECC – IV	4	3.2	4	50		50	18	2
7.	AECC-EVS	-			70+30		100	25+10	3
Total		24	19.2	24	400		400		
Grand Total		52	41.6	48	700		700	-	-

1. Student Contact Hrs per week : 19.2 hrs	3. Total marks for BA II : 700
2. Lectures : 48 Min	4. Total Credit for BA II : 48

AECC : Ability Enhancement Core Course (Compulsory English)
IDS : Inter Disciplinary Studies - Candidate can opt any one course (Subject) as per group chart of IDS.
DSC : Discipline Specific Core Course - Candidate can opt any two courses (Subjects) from DSC - C & D {Courses (subjects) which were opted in Part I (Sem I & Sem II)}

iii) Structure III : B. A. Programme Sem V & VI

Semester V – Duration : 6 Months									
Sr. No.	Teaching Scheme				Evaluation Scheme				
	Course	No. of Lectures	Hours	Credits	Theory	Internal	Total Marks	Min Marks (For Passing) (Theory + Internal)	Exam Duration (Hrs.)
1.	DSE – E –VII	4	3.2	4	40	10	50	14+4 = 18	2
2.	DSE – E –VIII	4	3.2	4	40	10	50	14+4 = 18	2
3.	DSE – E – IX	4	3.2	4	40	10	50	14+4 = 18	2
4.	DSE – E – X	4	3.2	4	40	10	50	14+4 = 18	2
5.	DSE – E – XI	4	3.2	4	40	10	50	14+4 = 18	2
6.	AECC – V	4	3.2	4	40	10	50	14+4 = 18	2
Total		24	19.2	24	240	60	300	-	-

Semester VI – Duration : 6 Months									
Sr. No.	Teaching Scheme				Evaluation Scheme				
	Course	No. of Lectures	Hours	Credits	Theory	Internal	Total Marks	Min Marks (For Passing) (Theory + Internal)	Exam Duration (Hrs.)
1.	DSE – E –XII	4	3.2	4	40	10	50	14+4 = 18	2
2.	DSE – E –XIII	4	3.2	4	40	10	50	14+4 = 18	2
3.	DSE – E – XIV	4	3.2	4	40	10	50	14+4 = 18	2
4.	DSE – E – XV	4	3.2	4	40	10	50	14+4 = 18	2
5.	DSE – E – XVI	4	3.2	4	40	10	50	14+4 = 18	2
6.	AECC – VI	4	3.2	4	40	10	50	14+4 = 18	2
Total		24	19.2	24	240	60	300	-	-
Grand Total		48	38.4	48	480	120	600	-	-

DSE: Discipline Specific Elective - Candidate can opt any one course (Subject) from DSC {Course (subject) which was opted in Part II (Sem III & Sem IV)}
AECC : Ability Enhancement Core Course (Compulsory English)
(A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC) For Sem V: CCC – II : Constitution of India and Local Self Government
(B) Non-Credit Self Study Course : Skill Development Courses (SDC) For Sem VI: SDC – II: Any one from following (vi) to (x) vi) Interview & Personal Presentation Skill, vii) Entrepreneurship Development Skill, viii) Travel & Tourism, ix) E-Banking & Financial Services, x) RTI & Human Right Education (HRE), IPR & Patents
Note : DSE paper No. VII to XVI are elective papers whereas, DSC Paper No. I to VI are core courses. Hence, DSE paper VII to XVI should be considered in continuation of DSC I to VI.

CBCS R. B. A. 1 : (B): List of courses :**i) B. A. Part I – Sem I & II****Ability Enhancement Compulsory Course**

Sem I		Sem II	
AECC 1	English	AECC 2	English

Core Generic Elective

Sem I		Sem II	
CGE			
CGE – 1	Marathi	CGE –2	Marathi
CGE –3	Hindi	CGE –4	Hindi
CGE –5	Sanskrit	CGE –6	Sanskrit (Lower)
CGE –7	Ardhmagadhi	CGE –8	Ardhmagadhi
CGE –9	Persian	CGE –10	Persian
CGE –11	Urdu	CGE –12	Urdu
CGE –13	Kannada	CGE –14	Kannada
CGE –15	Addl. English	CGE –16	Addl. English
CGE –17	Scientific Method	CGE –18	Scientific Method
CGE –19	Science, Tech. and Development (STD)	CGE –20	Science, Tech. and Development (STD)

Discipline Specific Core Course (DSC)

DSC A			
Sem I		Sem II	
DSC – A1	Marathi – I	DSC – A13	Marathi – II
DSC – A2	Hindi – I	DSC – A14	Hindi – II
DSC – A3	English – I	DSC – A15	English – II
DSC – A4	Sanskrit (Lower) – I	DSC – A16	Sanskrit (Lower) –II
DSC – A5	Sanskrit (Higher) –I	DSC – A17	Sanskrit (Higher) II
DSC – A6	Ardhmagadhi– I	DSC – A18	Ardhmagadhi– II
DSC – A7	Persian – I	DSC – A19	Persian – II
DSC – A8	Urdu – I	DSC – A20	Urdu – II
DSC – A9	Kannada – I	DSC – A21	Kannada – II
DSC – A10	Military Science– I	DSC – A22	Military Science– II
DSC – A11	NSS– I	DSC – A23	NSS– II
DSC – A12	Music– I	DSC – A24	Music– II
DSC B			
DSC – B1	History – I	DSC – B15	History – II
DSC – B2	Sociology– I	DSC – B16	Sociology– II
DSC – B3	Economics– I	DSC – B17	Economics– II
DSC – B4	Political Science– I	DSC – B18	Political Science– II
DSC – B5	Philosophy – I	DSC – B19	Philosophy – II
DSC – B6	Psychology – I	DSC – B20	Psychology – II
DSC – B7	Social Work– I	DSC – B21	Social Work– II
DSC – B8	AHIC– I	DSC – B22	AIHC– II
DSC – B9	Linguistics – I	DSC – B23	Linguistics – II
DSC – B10	Geography – I	DSC – B24	Geography – II
DSC – B11	Home Science – I	DSC – B25	Home Science – II
DSC – B12	Statistics – I	DSC – B26	Statistics – II
DSC – B13	Education – I	DSC – B27	Education – II
DSC – B14	Physical Education–I	DSC – B28	Physical Education–II

ii) B. A. Part II - Sem III & IV

Ability Enhancement Compulsory Course

Sem III		Sem IV	
AECC 3	English	AECC 4	English

Discipline Specific Core Course (DSC)

DSC C			
DSC – C1	Marathi – III	DSC – C25	Marathi – V
DSC – C2	Marathi – IV	DSC – C26	Marathi – VI
DSC – C3	Hindi – III	DSC – C27	Hindi – V
DSC – C4	Hindi – IV	DSC – C28	Hindi – VI
DSC – C5	English – III	DSC – C29	English – V
DSC – C6	English – IV	DSC – C30	English – VI
DSC – C7	Sanskrit (Lower) – III	DSC – C31	Sanskrit (Lower) – V
DSC – C8	Sanskrit (Lower) – IV	DSC – C32	Sanskrit (Lower) – VI
DSC – C9	Sanskrit (Higher) III	DSC – C33	Sanskrit (Higher) – V
DSC – C10	Sanskrit (Higher) IV	DSC – C34	Sanskrit (Higher) – VI
DSC – C11	Ardhmagadhi – III	DSC – C35	Ardhmagadhi – V
DSC – C12	Ardhmagadhi – IV	DSC – C36	Ardhmagadhi – VI
DSC – C13	Persian – III	DSC – C37	Persian – V
DSC – C14	Persian – IV	DSC – C38	Persian – VI
DSC – C15	Urdu – III	DSC – C39	Urdu – V
DSC – C16	Urdu – IV	DSC – C40	Urdu – VI
DSC – C17	Kannada – III	DSC – C41	Kannada – V
DSC – C18	Kannada – IV	DSC – C42	Kannada – VI
DSC – C19	Military Science – III	DSC – C43	Military Science – V
DSC – C20	Military Science – IV	DSC – C44	Military Science – VI
DSC – C21	NSS – III	DSC – C45	NSS – V
DSC – C22	NSS – IV	DSC – C46	NSS – VI
DSC – C23	Music – III	DSC – C47	Music – V
DSC – C24	Music – IV	DSC – C48	Music – VI
DSC D			
DSC – D1	History – III	DSC – D29	History – V
DSC – D2	History – IV	DSC – D30	History – VI
DSC – D3	Sociology – III	DSC – D31	Sociology – V
DSC – D4	Sociology – IV	DSC – D32	Sociology – VI
DSC – D5	Economics – III	DSC – D33	Economics – V
DSC – D6	Economics – IV	DSC – D34	Economics – VI

DSC – D7	Political Science – III	DSC – D35	Political Science – V
DSC – D8	Political Science – IV	DSC – D36	Political Science – VI
DSC – D9	Philosophy – III	DSC – D37	Philosophy – V
DSC – D10	Philosophy – IV	DSC – D38	Philosophy – VI
DSC – D11	Psychology – III	DSC – D39	Psychology – V
DSC – D12	Psychology – IV	DSC – D40	Psychology – VI
DSC – D13	Social Work – III	DSC – D41	Social Work – V
DSC – D14	Social Work – IV	DSC – D42	Social Work – VI
DSC – D15	AIHC – III	DSC – D43	AIHC – V
DSC – D16	AIHC – IV	DSC – D44	AIHC – VI
DSC – D17	Linguistics – III	DSC – D45	Linguistics – V
DSC – D18	Linguistics – IV	DSC – D46	Linguistics – VI
DSC – D19	Geography – III	DSC – D47	Geography – V
DSC – D20	Geography – IV	DSC – D48	Geography – VI
DSC – D21	Home Science – III	DSC – D49	Home Science – V
DSC – D22	Home Science – IV	DSC – D50	Home Science – VI
DSC – D23	Statistics – III	DSC – D51	Statistics – V
DSC – D24	Statistics – IV	DSC – D52	Statistics – VI
DSC – D25	Education – III	DSC – D53	Education – V
DSC – D26	Education – IV	DSC – D54	Education – VI
DSC – D27	Physical Education – III	DSC – D55	Physical Education – V
DSC – D28	Physical Education – IV	DSC – D56	Physical Education – VI

Group of Inter Disciplinary Studies (IDS)

I. D. S. SUBJECT	At least one optional subject from the following (DSE)
A.I.H.C.	History, philosophy, Hindi, Sanskrit, Ardhamagadhi, Pali
Business Administration	Economics, D.S.
Co-operation	Economics, Politics, History, Sociology, Education, Social Work, D.S., Stat, Mathematics, National Service Scheme (N.S.S.)
Cartography	Geography
Human Development	All Subject
Culture & Religion	History, Sociology, A.I.H.C., Psychology, Persian, Social work, Sanskrit, Ardhamagadhi, National Service Scheme (N.S.S.), Music, Pali, Natyashastra
Social Ecology	Economics, Politics, National Service Scheme (N.S.S.), H.S, Sociology, Geography, Ancient Indian History and Culture (A.I.H.C.), Philosophy, Psychology, History, D.S.
History of Marathi Literature	All Languages & Linguistics except Marathi, Music, Natyashastra
History of Hindi Literature	All Languages & Linguistics except Hindi
HSRM	Politics, History, Kannada, National Service Scheme (N.S.S.), Sociology, Education, Psychology, Social Work, Marathi, Urdu.
Industrial Psychology	Psychology
Labour Welfare	Economics, Sociology, National Service Scheme (N.S.S.), Home Science, Social Work
Logic (T)	All Subject except Home Science D.S.
Logic (M)	All Subject except Home Science D.S.
Linguistics	Education and all Languages
Public Administration	All Subject {Social Science} N.S.S. except Mathematics, Languages, H.S., Music, Natyashastra
Rural Development In India	Sociology, National Service Scheme (N.S.S.), H.S., D.S., Social Work, Political Science
RGM/RGT	Geography
Secretarial practice & Communication Correspondence	Mathematical Statistics, English, Marathi, Urdu, German, Kannada
Yoga Studies	All Subject
History of Urdu	All Languages & Linguistics except Urdu
History of Ardhamagadhi Literature	Marathi, Hindi, Sanskrit, Pali, Persian, Kannada, Linguistic, Urdu.

iii) B. A. Part III - Sem V & VI

Ability Enhancement Compulsory Course

Sem III		Sem IV	
AECC 5	English	AECC 6	English

Discipline Specific Elective (DSE)

DSE E			
DSE – E1	Marathi – VII	DSE – E126	Marathi – XII
DSE – E2	Marathi – VIII	DSE – E127	Marathi – XIII
DSE – E3	Marathi – IX	DSE – E128	Marathi – XIV
DSE – E4	Marathi – X	DSE – E129	Marathi – XV
DSE – E5	Marathi – XI	DSE – E130	Marathi – XVI
DSE – E6	Hindi – VII	DSE – E131	Hindi – XII
DSE – E7	Hindi – VIII	DSE – E132	Hindi – XIII
DSE – E8	Hindi – IX	DSE – E133	Hindi – XIV
DSE – E9	Hindi – X	DSE – E134	Hindi – XV
DSE – E10	Hindi – XI	DSE – E135	Hindi – XVI
DSE – E11	English – VII	DSE – E136	English – XII
DSE – E12	English – VIII	DSE – E137	English – XIII
DSE – E13	English – IX	DSE – E138	English – XIV
DSE – E14	English – X	DSE – E139	English – XV
DSE – E15	English – XI	DSE – E140	English – XVI
DSE – E16	Sanskrit – VII	DSE – E141	Sanskrit – XII
DSE – E17	Sanskrit – VIII	DSE – E142	Sanskrit – XIII
DSE – E18	Sanskrit – IX	DSE – E143	Sanskrit – XIV
DSE – E19	Sanskrit – X	DSE – E144	Sanskrit – XV
DSE – E20	Sanskrit – XI	DSE – E145	Sanskrit – XVI
DSE – E21	Ardhmagadhi – VII	DSE – E146	Ardhmagadhi – XII
DSE – E22	Ardhmagadhi – VIII	DSE – E147	Ardhmagadhi – XIII
DSE – E23	Ardhmagadhi – IX	DSE – E148	Ardhmagadhi – XIV
DSE – E24	Ardhmagadhi – X	DSE – E149	Ardhmagadhi – XV
DSE – E25	Ardhmagadhi – XI	DSE – E150	Ardhmagadhi – XVI
DSE – E26	Persian – VII	DSE – E151	Persian – XII
DSE – E27	Persian – VIII	DSE – E152	Persian – XIII
DSE – E28	Persian – IX	DSE – E153	Persian – XIV
DSE – E29	Persian – X	DSE – E154	Persian – XV
DSE – E30	Persian – XI	DSE – E155	Persian – XVI
DSE – E31	Urdu – VII	DSE – E156	Urdu – XII
DSE – E32	Urdu – VIII	DSE – E157	Urdu – XIII

DSE – E33	Urdu – IX	DSE – E158	Urdu – XIV
DSE – E34	Urdu – X	DSE – E159	Urdu – XV
DSE – E35	Urdu – XI	DSE – E160	Urdu – XVI
DSE – E36	Kannada – VII	DSE – E161	Kannada – XII
DSE – E37	Kannada – VIII	DSE – E162	Kannada – XIII
DSE – E38	Kannada – IX	DSE – E163	Kannada – XIV
DSE – E39	Kannada – X	DSE – E164	Kannada – XV
DSE – E10	Kannada – XI	DSE – E165	Kannada – XVI
DSE – E41	Physical Education– VII	DSE – E166	Physical Education– XII
DSE – E42	Physical Education– VIII	DSE – E167	Physical Education– XIII
DSE – E43	Physical Education– IX	DSE – E168	Physical Education– XIV
DSE – E44	Physical Education– X	DSE – E169	Physical Education– XV
DSE – E45	Physical Education– XI	DSE – E170	Physical Education– XVI
DSE – E46	Military Science– VII	DSE – E171	Military Science– XII
DSE – E47	Military Science– VIII	DSE – E172	Military Science– XIII
DSE – E48	Military Science– IX	DSE – E173	Military Science– XIV
DSE – E49	Military Science– X	DSE – E174	Military Science– XV
DSE – E50	Military Science– XI	DSE – E175	Military Science– XVI
DSE – E51	NSS – VII	DSE – E176	NSS – XII
DSE – E52	NSS– VIII	DSE – E177	NSS– XIII
DSE – E53	NSS– IX	DSE – E178	NSS– XIV
DSE – E54	NSS– X	DSE – E179	NSS– XV
DSE – E55	NSS– XI	DSE – E180	NSS– XVI
DSE – E56	Music – VII	DSE – E181	Music – XII
DSE – E57	Music – VIII	DSE – E182	Music – XIII
DSE – E58	Music – IX	DSE – E183	Music – XIV
DSE – E59	Music – X	DSE – E184	Music – XV
DSE – E60	Music – XI	DSE – E185	Music – XVI
DSE – E61	History – VII	DSE – E186	History – XII
DSE – E62	History– VIII	DSE – E187	History– XIII
DSE – E63	History–IX	DSE – E188	History– XIV
DSE – E64	History– X	DSE – E189	History– XV
DSE – E65	History– XI	DSE – E190	History– XVI
DSE – E66	Sociology – VII	DSE – E191	Sociology – XII
DSE – E67	Sociology– VIII	DSE – E192	Sociology– XIII
DSE – E68	Sociology– IX	DSE – E193	Sociology– XIV
DSE – E69	Sociology– X	DSE – E194	Sociology– XV
DSE – E70	Sociology– XI	DSE – E195	Sociology– XVI
DSE – E71	Economics – VII	DSE – E196	Economics – XII
DSE – E72	Economics– VIII	DSE – E197	Economics– XIII

DSE – E73	Economics– IX	DSE – E198	Economics– XIV
DSE – E74	Economics– X	DSE – E199	Economics– XV
DSE – E75	Economics– XI	DSE – E200	Economics– XVI
DSE – E76	Political Science – VII	DSE – E201	Political Science – XII
DSE – E77	Political Science– VIII	DSE – E202	Political Science– XIII
DSE – E78	Political Science– IX	DSE – E203	Political Science– XIV
DSE – E79	Political Science– X	DSE – E204	Political Science– XV
DSE – E80	Political Science– XI	DSE – E205	Political Science– XVI
DSE – E81	Philosophy – VII	DSE – E206	Philosophy – XII
DSE – E82	Philosophy – VIII	DSE – E207	Philosophy – XIII
DSE – E83	Philosophy – IX	DSE – E208	Philosophy – XIV
DSE – E84	Philosophy – X	DSE – E209	Philosophy – XV
DSE – E85	Philosophy – XI	DSE – E210	Philosophy – XVI
DSE – E86	Psychology – VII	DSE – E211	Psychology – XII
DSE – E87	Psychology – VIII	DSE – E212	Psychology – XIII
DSE – E88	Psychology – IX	DSE – E213	Psychology – XIV
DSE – E89	Psychology – X	DSE – E214	Psychology – XV
DSE – E90	Psychology – XI	DSE – E215	Psychology – XVI
DSE – E91	Social Work– VII	DSE – E216	Social Work– XII
DSE – E92	Social Work– VIII	DSE – E217	Social Work– XIII
DSE – E93	Social Work– IX	DSE – E218	Social Work– XIV
DSE – E94	Social Work– X	DSE – E219	Social Work– XV
DSE – E95	Social Work– XI	DSE – E220	Social Work– XVI
DSE – E96	AIHC– VII	DSE – E221	AIHC– XII
DSE – E97	AIHC– VIII	DSE – E222	AIHC– XIII
DSE – E98	AIHC– XI	DSE – E223	AIHC– XIV
DSE – E99	AIHC– X	DSE – E224	AIHC– XV
DSE – E100	AIHC– XI	DSE – E225	AIHC– XVI
DSE – E101	Linguistics – VII	DSE – E226	Linguistics– XII
DSE – E102	Linguistics– VIII	DSE – E227	Linguistics– XIII
DSE – E103	Linguistics – XI	DSE – E228	Linguistics – XIV
DSE – E104	Linguistics – X	DSE – E229	Linguistics – XV
DSE – E105	Linguistics – XI	DSE – E230	Linguistics – XVI
DSE – E106	Geography – VII	DSE – E231	Geography – XII
DSE – E107	Geography– VIII	DSE – E232	Geography– XIII
DSE – E108	Geography – XI	DSE – E233	Geography – XIV
DSE – E109	Geography – X	DSE – E234	Geography – XV
DSE – E110	Geography – XI	DSE – E235	Geography – XVI
DSE – E111	Home Science – VII	DSE – E236	Home Science – XII

DSE – E112	Home Science– VIII	DSE – E237	Home Science– XIII
DSE – E113	Home Science – XI	DSE – E238	Home Science – XIV
DSE – E114	Home Science – X	DSE – E239	Home Science – XV
DSE – E115	Home Science – XI	DSE – E240	Home Science – XVI
DSE – E116	Statistics – VII	DSE – E241	Statistics – XII
DSE – E117	Statistics – VIII	DSE – E242	Statistics – XIII
DSE – E118	Statistics – XI	DSE – E243	Statistics – XIV
DSE – E119	Statistics – X	DSE – E244	Statistics – XV
DSE – E120	Statistics – XI	DSE – E245	Statistics – XVI
DSE – E121	Education – VII	DSE – E246	Education – XII
DSE – E122	Education – VIII	DSE – E247	Education – XIII
DSE – E123	Education – XI	DSE – E248	Education – XIV
DSE – E124	Education – X	DSE – E249	Education – XV
DSE – E125	Education – XI	DSE – E250	Education – XVI

Ordinance:

O. B. A. 1	<p>1. No Candidate shall be allowed to enter upon the B.A. Part-I Course unless he has passed:</p> <p>i) The Higher Secondary School Certificate Examination with English and any other second language and with four optional subjects.</p> <p style="text-align: center;">OR</p> <p>ii) The Higher Secondary School Certificate Examination with English and any three optional subjects under the stream of Arts and a Vocational Course of 200 marks from the list of Vocational Courses prescribed by the Maharashtra State Board of Higher Secondary Education, Pune.</p> <p style="text-align: center;">OR</p> <p>iii) The Pre-degree Examination of this University.</p> <p style="text-align: center;">OR</p> <p>iv) An Examination of any other Statutory University or an examining body recognized as equivalent thereto.</p> <p style="text-align: center;">OR</p> <p>2. No candidate shall be admitted to the B.A. Part-I Examination unless he has satisfactorily kept two terms for the course at a College affiliated to this University.</p>
O. B. A. 2	<p>i) No Candidate shall be allowed to enter upon the course for the B.A. Part-II unless he has passed the B.A. Part-I (Semester I & II) examination or an examination of any other Statutory University recognized as equivalent there to.</p> <p style="padding-left: 40px;">However, a candidate passing in all heads of passing or a candidate passing in all heads of passing except four heads of University (Theory/ Practical) Examination (Sem.-I & II taken together) of this University shall be permitted to enter upon the course of B.A. Part-II.</p> <p>ii) No candidate shall be admitted to B.A. Part-II examination unless he has satisfactorily kept two terms for the same at a College affiliated to this University. This provision shall not be made applicable to those students who have registered for B.A. degree course under distance mode.</p> <p>(Note : Internal Examination will be compulsory for all students. If the student fails/absent in internal examination then he/she will have to clear the internal examination in subsequent attempt/s in following semester. There will be a separate head of passing in Internal, Theory and Practical head of passing. However, ATKT rules will be made applicable in respect of Theory/ Practical head of passing only.</p>
O. B. A.3	<p>No candidate shall be allowed to enter upon the course for the B.A. Part-III examination unless he has passed the B. A. II Exam of this University or an examination of any other Statutory University recognized as equivalent thereto.</p> <p>However, those of the candidates who has appeared and passed in all the heads of passing except one or two of the B.A. Part-II after passing the B.A. Part-I, are allowed to proceed to B.A. Part-III.</p> <p>No candidate shall be affiliated to this admitted to the B.A. Part-III examination unless he has satisfactorily kept two terms for the same at a College University.</p>

The Fee for admission to the B.A. Parts-I, II and III Semester Examinations shall be as prescribed by the university from time to time.

Standards of Passing

To pass the B.A. Degree examination, a candidate shall be required to pass in Parts-I, II & III Semester Examinations.

(A) i) To Pass the B.A. Part-I examination, a candidate shall be required to obtain a minimum of 35% of the total marks in each head of passing.
 ii) To Pass the B.A. Part-II examination, a candidate shall be required to obtain a minimum of 35% of the total marks in each head of passing.
 iii) To pass the Third year B.A. Degree (Part-III) examination, a candidate shall be required to obtain a minimum of 35% of the total marks in each head of passing at Parts-I, II & III examinations.

(B) Those of the successful candidates who obtain 45% or more of the aggregate marks in Parts-I, II & III Semester Examinations, shall be declared to have passed the B.A. Degree examination in Second Class with (Hons.) and those obtaining 60% or more of the aggregate marks in Parts-I, II & III examinations, shall be declared to have passed the B.A. Degree examination in First Class with (Hons.) and those obtaining 70% or more of the aggregate marks in Parts-I, II & III Examinations, shall be declared to have passed the B.A. Degree examination in First Class (Hons.) with Distinction.

(C) A.T.K.T.: A candidate passing in all heads of passing or a candidate passing in all heads of passing except four heads of university examination(Theory/ Practical) at Part-I (Sem.-I & II taken together) OR part - II (Sem.-III & IV taken together) examinations will be allowed to keep term in the next class.

However for admission to B.A. Part-III examination or for keeping term for B.A. Part-III examination, a candidate shall have to pass in all heads of passing of B.A. Part-I (Sem. I & II) examination.

(D) A Candidate who has passed in any of the heads of passing shall not be allowed to appear again in that head.

(E) 'Practical' will be a separate head of passing.

(Note : Internal Examination will be compulsory for all students. If the student fails/absent in internal examination then he/she will have to clear the internal examination in subsequent attempt/s in following semester. There will be a separate head of passing in Theory, internal and Practical However, ATKT rules shall be made applicable in respect of Theory/ Practical head of passing only.)

O. B. A. 4



SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA

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शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९०००० (अभ्यास मंडळे विभाग— २६०९०९४)

फक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

Ref./SU/BOS/Comm/4751

Date:01/06/2018

The Principal
All Affiliated Commerce (B.Com.) Colleges,
Shivaji University,
Kolhapur.

Subject: Regarding Guidelines, Rules, Regulation, Structure and Standard of Passing of B.Com. Part –I, II, III (Sem I & VI) Choice Based Credit System (CBCS) under the Faculty of Commerce & Management.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that University authorities have accepted and granted approval to Guidelines, Rules, Regulation, Structure and Standard of Passing of B.Com. Part- I ,II,III (Sem. I & VI) Choice Based Credit System (CBCS) under the Faculty of Commerce & Management.

This Guidelines, Rules, Regulation, Structure and Standard of Passing shall be implemented from academic year 2018-2019 (i.e. from June 2018 onwards). A soft copy containing Guidelines, Rules, Regulation, Structure and Standard of Passing is attached herewith and it is also available on university website www.unishivaji.ac.in. (Online Syllabus)

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,

Dy. Registrar

Encl: As above

Copy to;

- 1 Dean, Faculty of Commerce & Management
 - 2 Chairman, BOS & Ad-hoc Bords under Faculty of Commerce & Management
 - 3 Appointment Section
 - 4 P.G. Admission Section
 - 5 B.Com. Section
 - 6 Affiliation Section (U.G.)
 - 7 Computer Centre
 - 8 Eligibility Section
 - 9 Distan Education
- } for information and necessary action.



Shivaji University, Kolhapur

Choice Based Credit System (CBCS)

Bachelor of Commerce (B. Com.) Program

Faculty of Commerce and Management

(To be implemented from Academic Year 2018-19)

Shivaji University, Kolhapur
Under Choice Based Credit System (CBCS)
Bachelor of Commerce (B. Com.) Program
Under the Faculty of Commerce and Management
Regulations and Guidelines
 (To be implemented from Academic Year 2018-19)

1. **Implementation of Revised guidelines and rules** - The revised guidelines and rules shall be implemented gradually as mentioned below -
 - B.Com. Sem I & II from Academic year 2018- 19**
 - B.Com. Sem III & IV from Academic year 2019- 20**
 - B.Com. Sem V & VI from Academic year 2020- 21**
2. **Eligibility Criteria:** As per Ordinance – O. B. Com. 1
3. **Pattern of CBCS** - The pattern for the purpose of Semester end examinations shall be as mentioned below:
 - i. **B. Com. Sem I & II :-** 50 marks University Semester end examination for each theory paper in each Semester.
 - ii. **B. Com. Sem III & IV:-** 50 marks University Semester end examination for each theory paper in each Semester except Environmental Studies. Only for Environmental Studies in Semester IV, 70 marks shall be for University examination for theory paper and 30 marks for project work.
 - iii. **B. Com. Sem V & VI :-** 40:10 pattern shall be applicable for each theory paper in each semester wherein 40 marks shall be for University Semester end examination and 10 marks for internal assessment.
4. **Weightage:** There shall be 1900 marks for 3 years B. Com. CBCS Program with 148 Credits. 4 Credits for each course with 24 credits for each Semester except for Sem IV 28 Credits.

5. Credit distribution chart for B. Com. Program with Course Code :

Course Name	Total Courses(Papers)	Total Credits	% in total course
CC : Core Course	22	88	59%
AECC : Ability Enhancement Compulsory Courses	07	28	19%
GEC : Generic Elective Courses	04	16	11%
DSE : Discipline Specific Elective	4 (out of 44)	16	11%
TOTAL	37	148	100%

6. Scheme of Examination –

The Question paper in each Semester for each theory course (paper) for B. Com. Semester I, II, III & IV shall be of 50 marks. The question paper for Environmental Studies for Semester IV shall be of 70 marks for theory and 30 marks for project work. For B. Com. Semester V & VI question paper shall be of 40 marks for each theory course (paper).

Internal Assessment:

There shall be continuous Internal Assessment for B.Com. **Sem V & VI**. Internal Examination/ assessment shall be compulsory for all students. If a student fails/remains absent in Internal Examination then candidate have to clear the Internal Examination in subsequent attempt/s in following semester.

For B. Com. Sem V & VI – There will be seminar of 10 marks in Semr V and there will be oral examination of 10 marks for Sem VI for each theory course (paper).

7. Ordinances regarding the examination – O. B.Com. 2, 3 and 4 shall prevail.

8. Duration of Semester Examination for each theory paper - The duration of Semester Examination for each theory course (paper) of 40/50 marks shall be of two hours except Environmental Studies (Semester IV, Examination) which shall be of 3 hours for 70 marks.

9. Equivalence of papers and chances for the students in previous-Semester pattern - Two additional chances shall be provided for the repeater students of old B. Com. Part I – Sem I & II. After this the students concerned shall have to appear for the Examination as per this revised CBCS Pattern. Equivalence of papers shall be provided as per revised syllabus for CBCS pattern.

10. Standard of Passing- The Standard of passing shall be 35%. For B. Com. Semester I, II, III & IV the student shall have to score 18 marks out of 50 in each theory paper. Only for Environmental Studies (Semester IV, Examination) the Student shall have to score marks 25 marks out of 70 in theory paper and 10 marks out of 30 for project

work. For B. Com. Semester V and VI, the student will have to score 14 marks out of 40 in each theory paper and 4 marks out of 10 in each paper (internal). There shall be a separate head of passing in Theory and Internal Examination. However, ATKT rules shall be made applicable in respect of Theory Paper (University examination) only.

11. Gradation Chart :

Marks Obtained	Numerical Grade (Grade Point)	CGPA	Letter Grade
Absent	0 (zero)	-	-
0 – 34	0 to 4	0.0 – 4.99	F (Fail)
35 – 44	5	5.00 – 5.49	C
45 – 54	6	5.50 – 6.49	B
55 – 64	7	6.50 – 7.49	B+
65 – 74	8	7.50 – 8.49	A
75 – 84	9	8.50 – 9.49	A+
85 – 100	10	9.50 – 10.0	O (Outstanding)

Note:

1. Marks obtained ≥ 0.5 shall be rounded off to next higher digit.
2. The SGPA & CGPA shall be rounded off to 2 decimal points.

Calculation of SGPA & CGPA

1. Semester Grade Point Average (SGPA)

SGPA = $\frac{\text{Course credits} \times \text{Grade points obtained of a semester}}{\text{Course credits of respective semester}}$

2. Cumulative Grade Point Average (CGPA)

CGPA = $\frac{\text{Total credits of a semester} \times \text{SGPA of respective semester of all semesters}}{\text{Total course credits of all semesters}}$

12. Result - The result of each semester shall be declared as Pass or Fail with grade/ grade points.

13. Revised Rules - These revised rules shall be gradually implemented with effect from the academic year 2018 -19 for B.Com. Degree program. However the existing (i.e. pre-revised) rules shall remain in force for the students of old semester pattern during the transition period.

Choice Based Credit System (CBCS) pattern
Under Faculty of Commerce & Management
Implemented from the academic year 2018-19

Sr. No.	Rules and Regulations
CBCS R. B. Com. 1	The 3 year B. Com. CBCS Program shall consist of 6 semesters each of 6 months duration. Semester Examination shall be held at the end of each semester.
CBCS R. B. Com. 2	Structure of Programme: (i) Structure - I for B. Com. Sem I & II (ii) Structure - II for B. Com. Sem III & IV (iii) Structure - III for B. Com. Sem V & VI
CBCS R. B. Com. 3	List of courses: (i) for B. Com. Sem I & II (ii) for B. Com. Sem III & IV (iii) for B. Com. Sem V & VI
CBCS R. B. Com. 4	Non-Credit Courses: (A) Compulsory Civic Courses (CCC) For Sem I and Sem V there shall be Compulsory Civic Courses under self study mode which are as follows: Sem I: CCC – I : Democracy, Elections and Good Governance Sem V: CCC – II : Constitution of India and Local Self Government (B) Skill Development Courses (SDC) For Sem II and Sem VI there shall be Compulsory Skill Development Courses under self study mode which are as follows: Sem II: SDC – I : Any one from following (i) to (v) i) Business Communication & Presentation ii) Event management iii) Personality Development, iv) Yoga & Physical Management v) Resume, Report & Proposal Writing Sem VI: SDC – II: Any one from following (vi) to (x) vi) Interview & Personal Presentation Skill, vii) Entrepreneurship Development Skill, viii) Travel & Tourism, ix) E-Banking & Financial Services, x) RTI & Human Right Education (HRE), IPR & Patents

	<p>(c)</p> <ul style="list-style-type: none"> • <i>These courses are of Self Study mode. The study material of all above courses will be made available on University website.</i> • <i>The Examination of each of the course will be of 50 marks having 25 MCQ questions. Minimum 20 marks (40%) out of 50 are required for passing.</i> • <i>The duration of examination shall be 60 minutes.</i> • <i>The examination shall be conducted at the college level.</i> • <i>The list of all candidates along with marks is to be submitted by the Principle to the University.</i> • <i>The degree will be awarded only after successful completion of these courses.</i> • <i>The performance of students regarding Non-Credit courses (CCC & SDC) shall be separately mentioned in Result-sheet as Pass or fail.</i>
CBCS R. B. Com. 5	<p>Equivalence of papers and chances for the students in previous-Semester pattern –</p> <p>Two additional subsequent chances shall be provided for the repeater students of old B. Com. Part I – Sem I & II. After this the students concerned shall have to appear for the Examination as per this revised CBCS Pattern. Equivalence of papers shall be provided as per revised syllabus for CBCS pattern.</p>
CBCS R. B. Com. 6	<p>The detailed syllabi for the various courses under CBCS pattern shall be as shown in the appendix and shall be subject to such revision, modification etc. as may be made by the Academic Council from time to time on the recommendation of the Boards of Studies in different courses. The Text-Books and Reference Books for the various courses shall be those as prescribed by the Academic Council from time to time on the recommendations of the respective Boards of Studies.</p>
CBCS R. B. Com. 7	<p>The medium of instruction for the Three Year (Six Semester) B.Com. Degree Program may be either Marathi or English. A candidate shall have an option of answering question papers at B.Com. Examination, either in English or in Marathi in all courses except English, Accountancy and Business Statistics.</p>
CBCS R. B. Com. 8	<ol style="list-style-type: none"> i. The Principal of the college may permit a student to change his optional subject/ subjects in the first term only before submission of dully filled University Examination form. ii. If a candidate wishes to change the elective (DSE) course (subject) at the B.Com. Sem V examination, student will have to keep two additional terms for the changed course (subject). iii. If a candidate fails in the elective (DSE) course (subject) at the B.Com.

	Sem V & VI examination and wish to change elective (DSE) course (subject), student will have to keep two additional terms for the changed course (subject).
CBCS R. B. Com. 9	The Principal of the college has to certify the attendance and the examination form of the candidate as per the Ordinance O. 31 and O. 37. A candidate has to submit University examination form as per the schedule and dates prescribed by the University for every Examination.
CBCS R. B. Com. 10	<p>The Scheme of the Physical Education has been made operative for B. Com. Part-I.</p> <p>The benefit of marks, obtained by the students in Physical Education Tests (of 10 marks) conducted by the University authorities shall be as under :</p> <ol style="list-style-type: none"> 1. If a student fails in up to four heads of passing of University examination (Theory / Practical) and having passed in all the remaining heads of passing, the marks obtained by him in the Physical Education Test shall be added to maximum up to four heads of passing in which he has failed as the case may be. A student getting the benefit of Physical Education marks should not be given advantage of any other Ordinance. The Physical Education Marks shall not be considered for the award of Class and for deciding merit. 2. If as a result of addition of Physical Education marks a student does not pass the examination the marks obtained by him in Physical Education shall not be considered. 3. The marks of Physical Education obtained by the unsuccessful students at the B. Com. Part-I semester Examination shall be carried forward for their subsequent attempt/s. 4. The marks obtained in Physical Education shall not be considered for earning exemption in a subject of head of passing, but the marks will be carried forward for availing the benefit at the subsequent attempts. 5. The marks secured by the students under the Physical Education scheme shall be added to the total of his marks in the Examination irrespective of the fact of his passing or failure in the examination. The Physical Education marks shall be shown as "Total +P. E. Marks". 6. The Physical Education Test shall be conducted in the Second Semester.
CBCS R. B. Com. 11	The B.Com. Part-I, II and III Semester Examinations shall be held twice in a year in April / May and October / November.
CBCS R. B. Com. 12	<ol style="list-style-type: none"> a) A candidate desires to seek B. Com. Degree in another course (subject), shall be permitted to do so. Such candidate may appear at B. Com. Sem V & VI Examination on the submission for fresh admission. Such a candidate need not appear for core courses (CC). b) The Candidate as above (in clause 'a') shall not be eligible for a second degree and a class, a prize, scholarship, medal or any other award. The

	<p>candidate will get the benefit of new degree in new course (subject) only if candidate surrenders his first degree. <i>This rule shall be applicable retrospectively.</i></p>
CBCS R. B. Com. 13	<p>a) The result of the B.Com. Sem I & II examination shall be declared publicly in two categories (i) candidates who have passed the B. Com. Sem I & II examination and (ii) candidates who are allowed to proceed to the B.Com. Sem III & IV</p> <p>b) The result of the B.Com. Sem III & IV examination shall be declared publicly in two categories. (i) candidate who have passed the B.Com. Sem III & IV examination in addition to the remaining papers, if any of previous examination, (ii) candidates who are allowed to proceed to the next Semester.</p> <p>c) (i) If a candidate fails in all the courses (subject heads) of passing of Sem I shall be allowed to proceed to Sem II. (ii) If a candidate fails in all the courses (subject heads) of passing of Sem III shall be allowed to proceed to Sem IV. (iii) If a candidate fails in all the courses (subject heads) of passing of Sem V shall be allowed to proceed to Sem VI. (iv) No candidate shall be allowed to proceed to Sem V unless candidate has cleared Sem I & II in all courses (Subjects). (v) ATKT rules are applicable for 2nd and 4th Sem.</p>
CBCS R. B. Com. 14	<p>(A) The Results of the Examination will be declared on the basis of marks obtained, Grade points obtained, Credit points, Status, Percentage of marks, Result, SGPA & CGPA with numerical grade point and letter grade. The list of Courses, course code, Paper number of programme, numerical grade & letter grade table and calculation of SGPA and CGPA table shall be mentioned on the backside of mark-sheet.</p> <p>(B) The result of B.Com. Program (Sem I to VI) shall be declared in Grades by considering SGPA & CGPA (with percentage) based on the performances of all the courses at respective semesters. The award of scholarships and prizes for the B.Com. Program shall be determined on the basis of the aggregate performance of the candidate at Sem I to VI examination.</p>
CBCS R. B. Com. 15	<p>Standard of Passing:</p> <p>To pass the B.Com. Degree Examination, a candidate shall be required to pass in Semester I, II, III, IV, V & VI Examinations.</p> <p>A. i) To pass the each semester of B.Com. Sem I & II Examination a candidate shall be required to obtain a minimum of 35% of the total marks in each head of passing i. e. 18 marks out of 50.</p>

	<p>ii) To Pass each Semester of the B. Com. Sem III & IV Examination a candidate shall be required to obtain a minimum of 35% of the total marks in each head in passing i.e. 18 marks out of 50 (except Environmental Studies).</p> <p>For Environmental Studies a candidate shall be required to obtain minimum 25 marks out of 70 for theory paper examination & minimum 10 marks out of 30 for Project work. There shall be separate head of passing for Theory and Project work examinations.</p> <p>iii) To pass each Semester Examination a candidate shall be required to obtain a minimum of 35% of the total marks.</p> <p>A Candidate shall have to obtain 14 marks out of 40 for university examination i.e. theory and 4 marks out of 10 in the internal examination in Sem V & VI. If the candidate fails/absent in internal examination then candidate has to pass the internal examination in subsequent attempt/s in course tenure.</p> <p>(B) Those of the successful candidates who obtain 45% or more of the aggregate marks in Parts-I, II& III semester Examinations, (i.e. sem.I to VI) shall be declared to have passed the B.Com. Degree Examinations in Second Class and those obtaining 60% or more of the aggregate marks in Parts-I, II & III Examinations (i.e.sem. I to VI) shall be declared to have passed the B.Com. Degree Examinations in First Class and those obtaining 70% or more of the aggregate marks in Parts-I, II & III (i.e.sem. I to VI) shall be declared to have passed the B.Com. Degree Examination in First Class with Distinction.</p> <p>C) A.T.K.T.: A candidate fail in maximum four heads of passing in Sem I & II shall be allowed to admit in Sem III.</p> <p>A candidate fail in maximum four heads of passing in Sem III & IV shall be allowed to admit in Sem V.</p> <p>However for admission to B.Com. Part-III, a candidate has to pass in all heads of passing of B.Com. Part-I (Sem. I & II) examination.</p> <p>Internal Examination will be compulsory for all students. If the student fails/absent in Internal Examination then candidate will have to pass the Internal Examination in subsequent attempt. There will be a separate head of passing in Internal, University theory/practical Examination. However, ATKT rules shall be made applicable in respect of theory only.</p>
CBCS R. B. Com. 16	<p>Improvement: A candidate who has passed in optional courses (Subjects) shall be allowed to appear again in that head in immediate subsequent Semester after cancellation of candidate's earlier performance. This provision is made only for third year Sem</p>

	V & VI in the same courses (subjects) before taking concerned degree.
CBCS R. B. Com. 17	<p>A candidate who has satisfactorily kept one term in any of the Universities in the State of Maharashtra for B.Com. Sem I examination shall be allowed to join for the Sem II of the B.Com. Program, provided candidate has to clear for the all courses (papers) of Sem I.</p> <p>However, if the candidate's previous programme is not under CBCS, the above provision will not be applicable.</p>
CBCS R. B. Com. 18	<p>A candidate passing Part – I or II Semester Examinations of the B.Com. Degree programme under CBCS of the other Statutory Universities in State of Maharashtra can take admission to next semester of Shivaji University and the marks of earlier semesters of previous Statutory University be converted in proportion to Shivaji University, Marks structure and grades be awarded accordingly.</p> <p>However, if the candidate's previous programme is not under CBCS, the above provision will not be applicable.</p> <p>Those students who have obtained A.T.K.T., at any examinations of other Statutory Universities and desire to migrate to Shivaji University for pursuing their further studies will have to clear the failed subjects of A.T.K.T. from the previous University.</p> <p>In case of such students the previous University should issue the migration Certificate and also allow them to appear for the Examination in the failed subject of A.T.K.T. while they pursue their studies in Shivaji University.</p>
CBCS R. B. Com. 19	<p>Exemption of courses (subjects)</p> <p>a) A candidate who wish to admit for B.Com. and already passed Bachelor of Arts and Bachelor of Science of this University with English, Marathi OR Kannada OR Urdu OR Hindi course (subject) are not necessary to appear B.Com. Examination again for same subject.</p> <p>b) A Bachelor of Law (L.L.B.) of any other statutory University in the State of Maharashtra passing candidate be exempted for the course Business Regulatory Framework at B.Com. Sem V & VI.</p> <p>A candidate claiming exemptions as stated above shall not be eligible for a Class, however a candidate appearing for all the courses (papers) of B.Com. Sem I to VI shall be eligible for a class.</p> <p>However, the above mentioned rule shall not be applicable for other University student.</p>
CBCS R. B. Com. 20	<p>Exemption of courses (subjects)</p> <p>a) A candidate who wish to admit for B.Com. and already passed Bachelor of Arts of this University with Economics course (subject) are not</p>

	<p>necessary to appear B.Com. Examination again for same subject.</p> <p>A candidate claiming exemptions as stated above shall not be eligible for a Class, however a candidate appearing for all the courses (papers) of B.Com. Sem I to VI shall be eligible for a class.</p> <p>However, the above mentioned rule shall not be applicable for other University student.</p> <p>(Note: The concessions given above are on reciprocal basis).</p>
CBCS R. B. Com. 21	<p>a) A candidate who has appeared for the B.Com. Sem I & II or Sem III & IV Examination of this or any other University as an external/<u>distance mode</u> will not be allowed for B. Com. Sem III & IV or Sem V & VI respectively to join the college as a regular candidate.</p> <p>b) A candidate who has appeared for the B.Com. Sem I & II or Sem III & IV Examination of this or any other University as a regular candidate will be allowed for B. Com. Sem III & IV or Sem V & VI respectively to join distance mode. Such candidate shall be treated as an external/distance mode candidate.</p> <p>c) Deleted and already taken in R. B. Com. 15 : Standard of Passing.</p> <p>d) A Candidate who has passed in any of the heads of passing shall not be allowed to appear again in that head only for Sem I to IV and compulsory courses of Sem V & VI.</p> <p>e) 'Practical' will be a separate head of passing.</p> <p>f) For the students from distance mode, the same syllabi, examination system (such as semester system, scheme of marking, schedule of examination and Question Paper) shall be made applicable as per regular B.Com. CBCS Program. Those students registered as external / distance mode candidate shall have to submit one home assignment for each course (paper) (in each semester) carrying 10 marks as a part of internal evaluation system, to the respective Study Centre notified and approved by the university.</p>
CBCS R. B. Com. 22	<p>a) The course of studies and syllabi and books prescribed / recommended under it and the standard for passing at the examination for the Degree of Commerce for candidates appearing for the same as external /<u>distance mode</u> candidates shall be identical with those for the regular students of the University appearing for the examination.</p> <p>b) An external/<u>distance mode</u> student shall not offer at an examination any of the courses (subjects) for which there is no teaching provision in any of the affiliated colleges of the University.</p>

CBCS R.B.Com. 2: i) Structure of B. Com. Programme Sem I & II

STRUCTURE - I									
SEMESTER- I - DURATION: 06 MONTHS									
S r. N o.	TEACHING SCHEME					EXAMINATION SCHEME			
		THEORY (TH)			PRACTICAL (PR)	THEORY			PRACTICAL
	Course Type	No. of lectures	Hours	Credits	-	PAPER HOURS	MAX	MIN	-
1	CC – A1	4	3.2	4	NO PRACTICAL	2	50	18	NO PRACTICAL
2	CC – A3	4	3.2	4		2	50	18	
3	CC – A5	4	3.2	4		2	50	18	
4	GEC –A	4	3.2	4		2	50	18	
5	GEC – B	4	3.2	4		2	50	18	
6	AECC- C1	4	3.2	4		2	50	18	
Total		24	19.2	24	-	-	300	-	-
SEMESTER- II - DURATION: 06 MONTHS									
S r. N o.	TEACHING SCHEME					EXAMINATION SCHEME			
		THEORY (TH)			PRACTICAL (PR)	THEORY			PRACTICAL
	Course Type	No. of lectures	Hours	Credits	-	PAPER HOURS	MAX	MIN	-
1	CC – A2	4	3.2	4	NO PRACTICAL	2	50	18	NO PRACTICAL
2	CC – A4	4	3.2	4		2	50	18	
3	CC – A6	4	3.2	4		2	50	18	
4	GEC –A	4	3.2	4		2	50	18	
5	GEC – B	4	3.2	4		2	50	18	
6	AECC- C2	4	3.2	4		2	50	18	
Total		24	19.2	24	-	-	300	----	-
Grand Total Sem I + II		48	38.4	48	-	-	600	----	-

CC : Core Course : All courses (subjects) are compulsory.

GEC : Generic Elective Course : Candidate has to select any one course (subject) from Group A & one course (subject) from Group B.

AECC : Ability Enhancement Compulsory Course : All courses (subjects) are compulsory.

(A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC)

For Sem I: CCC – I : Democracy, Elections and Good Governance

(B) Non-Credit Self Study Course : Skill Development Courses (SDC)

For Sem II: SDC – I : Any one from following (i) to (v)

i) Business Communication & Presentation ii) Event management iii) Personality Development, iv) Yoga & Physical Management v) Resume, Report & proposal writing

ii) Structure of B. Com. Programme Sem III & IV

STRUCTURE - II									
SEMESTER- III - DURATION: 06 MONTHS									
Sr. No.	TEACHING SCHEME					EXAMINATION SCHEME			
	THEORY (TH)				PRACTICAL (PR)	THEORY			PRACTICAL
	Course Type	No. of lectures	Hours	Credits	-	PAPER HOURS	MAX	MIN	-
1	CC-B1	4	3.2	4	NO PRACTICAL	2	50	18	NO PRACTICAL
2	CC-B3	4	3.2	4		2	50	18	
3	CC-B5	4	3.2	4		2	50	18	
4	CC-B7	4	3.2	4		2	50	18	
5	AECC -C3	4	3.2	4		2	50	18	
6	AECC -C5	4	3.2	4		2	50	18	
7	AECC -EVS	-	-	-	-	-	--	-	--
Total		24	19.2	24	-	TOTAL MARKS	300	-	-
SEMESTER- IV - DURATION: 06 MONTHS									
Sr. No.	TEACHING SCHEME					EXAMINATION SCHEME			
	THEORY (TH)				PRACTICAL (PR)	THEORY			PRACTICAL
	Course Type	No. of lectures	Hours	Credits	-	PAPER HOURS	MAX	MIN	-
1	CC-B2	4	3.2	4	NO PRACTICAL	2	50	18	NO PRACTICAL
2	CC-B4	4	3.2	4		2	50	18	
3	CC-B6	4	3.2	4		2	50	18	
4	CC-B8	4	3.2	4		2	50	18	
5	AECC -C4	4	3.2	4		2	50	18	
6	AECC -C6	4	3.2	4		2	50	18	
7	AECC -EVS	4	3.2	4		3	70 + 30	25+10	
Total		28	22.4	28	-	-	400	-	-
Grand Total		52	41.6	52	-	-	700	-	-

CC : Core Course : All courses (subjects) are compulsory.

AECC : Ability Enhancement Compulsory Course : All courses (subjects) are compulsory.

AECC – EVS : Ability Enhancement Compulsory Course - Environmental Studies

iii) Structure of B. Com. Programme Sem V & VI

STRUCTURE - III											
SEMESTER- V - DURATION: 06 MONTHS											
Sr. No.	TEACHING SCHEME					EXAMINATION SCHEME					
	THEORY (TH)				PRACTICAL (PR)	THEORY			Internal Exam.		
	Course Type	No. of lectures	Hours	Credits	-	PAPER HOURS	MAX	MIN	Internal	MAX	MIN
1	CC-C1	4	3.2	4	NO PRACTICAL	2	40	14	Seminar	10	04
2	CC-C3	4	3.2	4		2	40	14		10	04
3	CC-C5	4	3.2	4		2	40	14		10	04
4	CC-C7	4	3.2	4		2	40	14		10	04
5	DSE - I	4	3.2	4		2	40	14		10	04
6	DSE -II	4	3.2	4		2	40	14		10	04
Total		24	19.2	24		-	240	-----	60 Theory + Internal 240 + 60 = 300		
SEMESTER- VI - DURATION: 06 MONTHS											
Sr. No.	TEACHING SCHEME					EXAMINATION SCHEME					
	THEORY (TH)				PRACTICAL (PR)	THEORY			Internal Exam		
	Course Type	No. of lectures	Hours	Credits	-	PAPER HOURS	MAX	MIN	Internal	MAX	MIN
1	CC-C2	4	3.2	4	NO PRACTICAL	2	40	14	Internal Exam	10	04
2	CC-C4	4	3.2	4		2	40	14		10	04
3	CC-C6	4	3.2	4		2	40	14		10	04
4	CC-C8	4	3.2	4		2	40	14		10	04
5	DSE - III	4	3.2	4		2	40	14		10	04
6	DSE - IV	4	3.2	4		2	40	14		10	04
Total		24	19.2	24		-	240	-----	60 Theory + Internal 240 + 60 = 300		
Grand Total		48	38.4	48	-	-	480	----	Theory + Internal 480 + 120 = 600		

CC : Core Course : All courses (subjects) are compulsory

DSE : Discipline Specific Elective : Candidate has to select any one course (subject) which consists of Paper I to IV. Paper I & II for Sem V and Paper III & IV for Sem VI.

(A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC)

For Sem V: CCC – II : Constitution of India and Local Self Government

(B) Non-Credit Self Study Course : Skill Development Courses (SDC)

For Sem VI: SDC – II: Any one from following (vi) to (x)

vi) Interview & Personal Presentation Skill, vii) Entrepreneurship Development Skill, viii) Travel & Tourism, ix) E-Banking & Financial Services, x) RTI & Human Right Education (HRE), IPR & Patents

CBCS R. B. Com. 3 : List of Courses (Subject)

(i) For B. Com. Sem I & II

Semester I		Semester II	
Course Code	Course (Subject)	Course Code	Course (Subject)
Core course			
CC-A1	Micro Economics Paper- I	CC-A2	Micro Economics Paper- II
CC-A3	Management Principles & Applications Paper- I	CC-A4	Management Principles & Applications Paper- II
CC-A5	Financial Accounting Paper-I	CC-A6	Financial Accounting Paper-I I
Group A			
GEC-A1	Principles of Marketing Paper- I	GEC- A2	Principles of Marketing Paper- II
GEC-A3	History of Civilization Paper- I	GEC-A4	History of Civilization Paper- II
GEC-A5	Marathi Paper- I	GEC- A6	Marathi Paper- II
GEC-A7	Global Finance Paper- I	GEC- A8	Global Finance Paper- II
GEC-A9	Hindi Paper- I	GEC- A10	Hindi Paper- II
GEC-A11	Urdu Paper- I	GEC- A12	Urdu Paper- II
GEC-A13	Kannada Paper- I	GEC- A14	Kannada Paper- II
Group B			
GEC- B1	Business Mathematics Paper- I	GEC-B2	Business Mathematics Paper- II
GEC- B3	Insurance Paper- I	GEC-B4	Insurance Paper- II
GEC- B5	Geography Paper I	GEC-B6	Geography Paper II
GEC- B7	Foreign Trade Paper – I	GEC-B8	Foreign Trade Paper – II
Ability Enhancement Compulsory Course			
AECC-C1	Business Communication Paper- I	AECC- C2	Business Communication Paper- II

Note :

1. **CC** : Core Course : All courses (subjects) are compulsory.
2. **GEC** : Generic Elective Course : Candidate has to select any one course (Subject) from Group A & B.
3. **AECC** : Ability Enhancement Compulsory Course : All courses (subjects) are compulsory.

(ii) For B. Com. Sem III & IV

Semester III		Semester IV	
Course Code	Course (Subject)	Course Code	Course (Subject)
Core course			
CC-B1	Corporate Accounting Paper- I	CC-B2	Corporate Accounting Paper- II
CC-B3	Fundamentals of Entrepreneurship Paper- I	CC-B4	Fundamentals of Entrepreneurship Paper- II
CC-B5	Money and Financial System Paper- I	CC-B6	Money and Financial System Paper- II
CC-B7	Macro Economics Paper- I	CC-B8	Macro Economics Paper- II
Ability Enhancement Compulsory Course			
AECC-C3	Business Communication Paper- III	AECC-C4	Business Communication Paper- IV
AECC-C5	Business Statistics Paper- I	AECC-C6	Business Statistics Paper- II
AECC-EVS	Environmental Studies	AECC-EVS	Environmental Studies

Note :

1. **CC** : Core Course : All courses (subjects) are compulsory.
2. **AECC** : Ability Enhancement Compulsory Course : All courses (subjects) are compulsory.
3. **AECC – EVS** : Ability Enhancement Compulsory Course – Environmental Studies

(iii) For B. Com. Sem V & VI

Semester V		Semester VI	
Course Code	Course (Subject)	Course Code	Course (Subject)
Core course			
CC-C1	Modern Management Practices Paper- I	CC-C2	Modern Management Practices Paper- II
CC-C3	Business Regulatory Framework Paper- I	CC-C4	Business Regulatory Framework Paper- II
CC-C5	Co – Operative Development Paper- I	CC-C6	Co – Operative Development Paper- II
CC-C7	Business Environment Paper- I	CC-C8	Business Environment Paper- II
Discipline Specific Elective			
DSE-A1	Advanced Accountancy Paper- I	DSE-A3	Advanced Accountancy Paper- III
DSE-A2	Advanced Accountancy Paper- II	DSE-A4	Advanced Accountancy Paper- IV
DSE-B1	Industrial Management Paper- I	DSE-B3	Industrial Management Paper- III
DSE-B2	Industrial Management Paper- II	DSE-B4	Industrial Management Paper- IV
DSE-C1	Advanced Costing Paper - I	DSE-C3	Advanced Costing Paper - III
DSE-C2	Advanced Costing Paper - II	DSE-C4	Advanced Costing Paper - IV
DSE-D1	Taxation Management Paper- I	DSE-D3	Taxation Management Paper- III
DSE-D2	Taxation Management Paper- II	DSE-D4	Taxation Management Paper- IV
DSE-E1	Public Finance Paper- I	DSE-E3	Public Finance Paper- III
DSE-E2	Public Finance Paper- II	DSE-E4	Public Finance Paper- IV
DSE-F1	Insurance Paper- I	DSE-F3	Insurance Paper- III
DSE-F2	Insurance Paper- II	DSE-F4	Insurance Paper- IV
DSE-G1	Marketing Paper- I	DSE-G3	Marketing Paper- III
DSE-G2	Marketing Paper- II	DSE-G4	Marketing Paper- IV
DSE-H1	Advanced Banking Paper- I	DSE-H3	Advanced Banking Paper- III
DSE-H2	Advanced Banking Paper- II	DSE-H4	Advanced Banking Paper- IV
DSE-I 1	Rural Economics and Co-Operation Paper- I	DSE-I 3	Rural Economics and Co-Operation Paper- III
DSE-I 2	Rural Economics and Co-Operation Paper- II	DSE-I 4	Rural Economics and Co-Operation Paper- IV
DSE-J1	Advanced Statistics Paper- I	DSE-J3	Advanced Statistics Paper- III
DSE-J2	Advanced Statistics Paper- II	DSE-J4	Advanced Statistics Paper- IV
DSE-K1	E-Commerce Paper- I	DSE-K3	E-Commerce Paper- III
DSE-K2	E-Commerce Paper- II	DSE-K4	E-Commerce Paper- IV

Note :

- CC :** Core Course : All courses (subjects) are compulsory.
- DSE :** Discipline Specific Elective : Candidate has to select any one course (subject) which consists of Paper I to IV. Paper I & II for Sem V and Paper III & IV for Sem VI.

2. Ordinance:

<p>O. B. Com. 1</p>	<p>i) The students passing the Higher Secondary School Certificate Examination with Commerce stream or Vocational subjects with Commerce stream conducted by the Maharashtra State Board of Higher Secondary Education Pune, shall be allowed to enter upon the B.Com. Part-I Course.</p> <p style="text-align: center;">OR</p> <p>ii) An Examination of any other statutory University or an examining Body recognised as equivalent thereto.</p> <p>2. No candidate shall be allowed to the B.Com. Part-I Examination unless he has satisfactorily kept two terms for the course at a College affiliated to this University.</p>
<p>O. B. Com. 2</p>	<p>i) No candidate shall be allowed to enter upon the course for the B.Com. Part-II Examination unless he has passed the B.Com. Part-I Examination or the First Year Examination of the Three Year Integrated B.Com. Degree Course of this University or an examination of any other Statutory University recognised as equivalent thereto. However a candidate passing in all heads of passing or a candidate passing in all heads of passing except four heads of University (Theory/ Practical) Examination (Sem.-I & II taken together) of this University shall be permitted to enter upon the course of B.Com.Part-II.</p> <p>ii) No candidate shall be admitted to B.Com.Part-II Examination unless he has satisfactorily kept two terms for the same at a College affiliated to this University. This provision shall not be made applicable to those students who have registered for B.Com. degree course under distance mode.</p> <p>(Note:-Internal Examination will be compulsory for all students. If the student fails/absent in internal examination then he/she will have to clear the internal examination in subsequent attempt/s in following semester. There will be a separate head of passing in Internal, Theory and Practical head of passing. However ATKT rules shall be made applicable in respect of Theory/ Practical head of passing only.</p>
<p>O. B. Com.3</p>	<p>i) No candidate shall be allowed to enter upon the course for the B.Com. -III (Sem-V & VI) examination unless he has passed the B.Com. -II (Sem.-III & IV) examination of this University or an examination of any other Statutory University recognised as equivalent thereto. However a candidate passing in all heads of passing or a candidate passing in all heads of passing except four heads of University (Theory/ Practical) Examination of B.Com.-II (Sem-III & IV) taken together) of this University shall be permitted to enter upon the course of B.Com. Part-III.</p> <p>For admission to B.Com. Part-III examination or for keeping term for B.Com. Part-III examination, a candidate shall have to pass in all heads of passing of B.Com. Part-I (Sem. I & II) examination.</p> <p>ii) No candidate shall be admitted to the B.Com. Part-III examination unless he has satisfactorily kept two terms for the same at a college affiliated to this University. This provision shall not be made applicable to those students who have registered for B.Com. degree course under distance mode.</p>
<p>O. B. Com. 4</p>	<p>The fee for admission to the B.Com. Part-I, Part-II and Part-III shall be as prescribed by the university from time to time.</p>

Shivaji University, Kolhapur
Department of Geography
(Faculty of Science and Technology)



Revised Syllabus of
M.A./M.Sc. Geography
(Choice Based Credit System)

Implemented From...

Academic Year 2019-20 onwards
(i.e., from June 2019)

Phone: +91-0231-2609194
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M.A./M.Sc. Geography Programme Structure (CBCS PATTERN) (2019-20 onwards) M.A./M.Sc. Part – I

SEMESTER-I (Duration- Six Month)											
	Sr. No.	Course Code	Teaching Scheme			Examination Scheme					
			Theory and Practical			University Assessment (UA)			Internal Assessment (IA)		
			Lectures (Per week)	Hours (Per week)	Credit	Maximum Marks	Minimum Marks	Exam. Hours	Maximum Marks	Minimum Marks	Exam. Hours
CGPA	1	CC-101	4	4	4	80	32	3	20	8	1
	2	CC-102	4	4	4	80	32	3	20	8	1
	3	CC-103	4	4	4	80	32	3	20	8	1
	4	CC-104	4	4	4	80	32	3	20	8	1
	5	CCPr-105	16	16	8	200	80	*	--	--	--
Total (A)			--	--	24	520	--	--	80	--	--
Non-CGPA	1	AEC-106	2	2	2	--	--	--	50	20	2
SEMESTER-II (Duration- Six Month)											
CGPA	1	CC-201	4	4	4	80	32	3	20	8	1
	2	CC-202	4	4	4	80	32	3	20	8	1
	3	CCS-203	4	4	4	80	32	3	20	8	1
	4	CCS-204	4	4	4	80	32	3	20	8	1
	5	CCPr-205	16	16	8	200	80	*	--	--	--
Total (B)			--	--	24	520	--	--	80	--	--
Non-CGPA	1	SEC-206	2	2	2	--	--	--	50	20	2
Total (A+B)					48	1040	--	--	160	--	--

M.A./M.Sc. Geography Programme Structure (CBCS PATTERN) (2020-21 onwards) M.A./M.Sc. Part – II

SEMESTER-III (Duration- Six Month)											
	Sr. No.	Course Code	Teaching Scheme			Examination Scheme					
			Theory and Practical			University Assessment (UA)			Internal Assessment (IA)		
			Lectures (Per week)	Hours (Per week)	Credit	Maximum Marks	Minimum Marks	Exam. Hours	Maximum Marks	Minimum Marks	Exam. Hours
CGPA	1	CC-301	4	4	4	80	32	3	20	8	1
	2	CCS-302	4	4	4	80	32	3	20	8	1
	3	DSE-303	4	4	4	80	32	3	20	8	1
	4	DSE-304	4	4	4	80	32	3	20	8	1
	5	CCPr -305	16	16	8	200	80	*	--	--	--
Total (C)			--	--	24	520	--	--	80	--	--
Non-CGPA	1	AEC-306	2	2	2	--	--	--	50	20	2
	2	EC (SWM MOOC)-307	Number of lectures and credit shall be as specified on SWAYAM MOOC								
SEMESTER-IV (Duration- Six Month)											
CGPA	1	CC-401	4	4	4	80	32	3	20	8	1
	2	CCS-402	4	4	4	80	32	3	20	8	1
	3	DSE-403	4	4	4	80	32	3	20	8	1
	4	DSE-404	4	4	4	80	32	3	20	8	1
	5	CCPr-405	16	16	8	200	80	*	--	--	--
Total (D)			--	--	24	520	--	--	80	--	--
Non-CGPA	1	SEC-406	2	2	2	--	--	--	50	20	2
	2	GE-407	2	2	2	--	--	--	50	20	2
Total (C+D)					48	1040	--	--	160	--	--

Note(s):

•Student contact hours per week : 32 Hours (Min.)	•Total Marks for M.A./M.Sc.-I : 1200 •Total Marks for M.A./M.Sc.-II : 1200
•Theory and Practical Lectures : 60 Minutes Each	•Total Credits for M.A./M.Sc.-I (Semester I & II) : 48 •Total Credits for M.A./M.Sc.-II (Semester III & IV): 48
•CC- Core Course •CCS- Core Course Specialization •CCPr- Core Course Practical •DSE- Discipline Specific Elective •AEC- Mandatory Non-CGPA compulsory Ability Enhancement Course •SEC- Mandatory Non-CGPA compulsory Skill Enhancement Course •EC (SWM MOOC) - Non-CGPA Elective Course •GE- Generic Elective	•Practical Examination is annual •Practical courses are divided into 2 or 3 sections •*Duration of practical examination as per respective BOS guidelines • <i>Separate passing is mandatory for Theory, Internal and Practical examination</i>

	M.A./M.Sc.-I	M.A./M.Sc.-II	Total
Marks	1200	1200	2400
Credits	48	48	96

I. CGPA course:

1. There shall be 14 Core Courses (CC) per programme.
2. There shall be 04 Core Course Specialization (CCS) of 16 credits per programme.
3. There shall be 02 Discipline Specific Elective (DSE) courses of 08 credits per programme.
4. Total credits for CGPA courses shall be of 96 credits per programme.

II. Mandatory Non-CGPA Courses:

1. There shall be 02 Mandatory Non-CGPA compulsory Ability Enhancement Courses (AEC) of 02 credits each per programme.
2. There shall be 02 Mandatory Non-CGPA compulsory Skill Enhancement Course (SEC) of 02 credits per programme.
3. There shall be one Elective Course (EC) (SWAYAM MOOC). The credits of this course shall be as specified on SWAYAM MOOC.
4. There shall be one Generic Elective (GE) course of 02 credits per programme. Each student has to take generic elective from the department other than parent department.
5. The total credits for Non-CGPA course shall be of 10 credits + 2-4 credits of EC as per availability.
6. The credits assigned to the course and the programme are to be earned by the students and shall not have any relevance with the work load of the teacher.

Programme and Course Guidelines (for CGPA Courses):

1. **Title of the Course:** M.A./M.Sc. in Geography
2. **Year of Implementation:** Revised syllabus will be implemented from academic year 2019-20.
3. **Programme Duration:** The M.A./M.Sc programme duration is of two years comprising of four semesters. Each semester spanning for 6 months of minimum 120 working days (minimum 90 teaching days).
4. **Scheme of Examination:**

Paper Type	*Internal Marks	University Assessment	Total Marks	Credit per Course	No. of Course	Total Credits
Theory	20	80	100	04	16	64
Practical / Project	--	200	200	08	04	32

*Note: Internal marks for each theory course - 20 marks (Class Test: 10 marks; Assignment/Seminar: 10 marks)

5. Course Structure (CBCS):

Paper No.	Course Title	Teaching hours per week	Credits
<i>M.A./M.Sc. Geography Sem. I</i>			
CC-101	Fundamentals of Geomorphology	4	4
CC-102	Principles of Climatology	4	4
CC-103	Economic Geography	4	4
CC-104	Geography of Population and Human Resource Development	4	4
CCPr-105 (Annual)	105.1 Practicals in Geomorphology and Surveying	16	8
	105.2 Analysis of Climatic Data		
	105.3 Analysis of Socio-economic Data		
CGPA - Total Credit (Cumulative)			24 (24)
AEC-106	Ability Enhancement Course	--	2
Non-CGPA - Total Credit (Cumulative)			02 (02)
<i>M.A./M.Sc. Geography Sem. II</i>			
CC-201	Applied Geomorphology	4	4
CC-202	Applied Climatology and Climate Change	4	4
CCS-203	Advanced Cartography and Surveying	4	4
CCS-204	Social and Cultural Geography	4	4
CCPr-205 (Annual)	205.1 Computer Applications in Geography	16	8
	205.2 Statistical Techniques in Geography		
	205.3 Quantitative Techniques in Geography		
CGPA - Total Credit (Cumulative)			24 (48)
SEC-206	Skill Enhancement Course	--	2
Non-CGPA - Total Credit (Cumulative)			02 (04)
<i>M.A./M.Sc. Geography Sem. III</i>			
CC-301	Geohydrology and Oceanography	4	4
CCS-302	Fundamentals of Remote Sensing and Digital Image Processing	4	4
DSE-303 (Optional)	Geography of Environment OR Biogeography	4	4
DSE-304 (Optional)	Settlement Geography OR Geography of India OR Political Geography	4	4
CCPr-305 (Annual)	305.1 Research Methodology and Geographical Excursion - 2 Credits	16	8
	305.2 Dissertation/ Project – 6 Credits		
CGPA - Total Credit (Cumulative)			24 (72)
AEC-306	Ability Enhancement Course	--	2
EC-307	Elective Course (SWAYAM MOOC)	--	2/4
Non-CGPA - Total Credit (Cumulative)			4/6 (8/10)
<i>M.A./M.Sc. Geography Sem. IV</i>			
CC-401	Development of Modern Geographical Thought	4	4
CCS-402	Regional Planning and Development	4	4
DSE-403 (Optional)	Fundamentals of GIS and Introduction to GPS OR Fundamentals of Soil Geography	4	4
DSE-404 (Optional)	Agricultural Geography OR Tourism Geography OR Geography of Health	4	4
CCPr-405 (Annual)	405.1 Photogrammetry and Remote Sensing – 4 Credits	16	8
	405.2 Introduction to DIP and GIS Software (Optional) OR		
	405.2 Soil and Water Analysis (Optional) – 4 Credits		
CGPA - Total Credit (Cumulative)			24 (96)
SEC-406	Skill Enhancement Course	--	2
GE-407	Generic Elective Course	--	2
Non-CGPA - Total Credit (Cumulative)			4 (12/14)

6. Nature of Question Paper in University Assessment

I. Nature of Theory Question Paper:

Question No.	Type of Question	Number of Questions to be Asked	Number of Questions to be Answered	Marks per Question	Total Marks
Q1.	Objective type (MCQ)	08	08	02	16
Q2.	Short Answer (Definition type)	04	04	04	16
Q3.	Short Notes (Descriptive type)	03	02	08	16
Q4.	Long Answer/ Essay type	02	01	16	16
Q5.	Long Answer/ Essay type	02	01	16	16
Total = 05	--	--	--	--	80

II. Nature of Practical Question Paper for Course No. 105 and 205:

Question No.	Type of Question/ Assessment	No. of Questions	Total Marks/ Course
Section 1: Q1 and Q2	Practical/ Lab Assessment	02	50
Section 2: Q3 and Q4	Practical/ Lab Assessment	02	50
Section 3: Q5 and Q6	Practical/ Lab Assessment	02	50
Q7.	Practical Assignment (External)	01	25
Q.8.	Viva-voce (External)	01	25
Total = 08	--	--	200

III. Nature of Practical Question Paper for Course No. 305:

Question No.	Type of Question/ Assessment	No. of Questions	Total Marks
Section 1: Q1 and Q2	Practical/ Lab Assessment based on Research Methodology	02	30
Section 2: Q3 and Q4	Practical/ Lab Assessment based on Dissertation/ Project	02	50
Q5.	Practical Assignment based on Research Methodology and Geographical Excursion (External)	01	10
Q6.	Viva-voce based on Research Methodology and Geographical Excursion (External)	01	10
Q7.	Dissertation/ Project Report Evaluation (External)	01	50
Q.8.	Viva-voce based on Dissertation/ Project Report (External)	01	50
Total = 08	--	--	200

IV. Nature of Practical Question Paper for Course No. 405:

Question No.	Type of Question/ Assessment	No. of Questions	Total Marks
Section 1: Q1 to Q3	Practical/Lab Assessment	03	75
Section 2: Q4 to Q6 OR Section 3: Q4 to Q6	Practical/Lab Assessment	03	75
Q7.	Practical Assignment (External)	01	25
Q8.	Viva-voce (External)	01	25
Total = 08	--	--	200

7. Equivalence in Accordance with Title and Content of Courses (for revised syllabus):

Sr. No.	Title of Old Course	Title of New Course
1.	GCT-101: Fundamentals of Geomorphology	CC-101: Fundamentals of Geomorphology
2.	GCT-102: Principles of Climatology	CC-102: Principles of Climatology
3.	GCT-103: Economic Geography	CC-103: Economic Geography
4.	GCT-104: Geography of Population and Human Resource Development	CC-104: Geography of Population and Human Resource Development
5.	GCT-205: Applied Geomorphology	CC-201: Applied Geomorphology
6.	GCT-206: Applied Climatology and Climate Change	CC-202: Applied Climatology and Climate Change
7.	GCT-308: Advance Cartography and Surveying (Sem. III)	CCS-203: Advanced Cartography and Surveying
8.	GOT-201: Social and Cultural Geography	CCS-204: Social and Cultural Geography
--	GOT-202: Geography of India	DSE-304(b): Geography of India (Sem. III)
--	GOT-203: Political Geography	DSE-304(c): Political Geography (Sem. III)
--	GOT-204: Geography of Health	DSE-404(c): Geography of Health (Sem. IV)
9.	GCT-101: Practical in Geomorphology and Field Survey	CCPr-105: 105.1 Practicals in Geomorphology and Surveying
10.	GCP-102: Analysis of Socio-economic and Climatic Data	105.2 Analysis of Climatic Data 105.3 Analysis of Socio-economic Data
11.	GCP-203: Computer Application in Geography	CCPr-205: 205.1 Computer Applications in Geography
12.	GCP-204: Statistical Techniques in Geography	205.2 Statistical Techniques in Geography 205.3 Quantitative Techniques in Geography

8. Program Educational Objectives (PEOs):

1. To enhance students' ability to apply their specialized knowledge in the geographical domain.
2. To develop employability skills and competencies to serve the job requirements in the society.
3. Inspire students to develop the abilities among them to offer services in the entrepreneurial environment.
4. To cultivate the interest among students to conduct research activities in the discipline of Geography.

9. Programme Outcomes (POs):

1. Students will have comprehensive knowledge in the discipline of Geography.
2. They will have ability of making comprehensive analysis, interpret spatial problems, and suggest proper solutions by using theoretical, methodological, and instrumental knowledge of Geography.
3. Good employability skills as per current need of the society to compete in the competitive world.
4. They will have good understanding about proper utilization of natural resources through geographical knowledge.
5. Aware about the regional and national environmental issues, recent trends, and technological advancements in the discipline of Geography.
6. Develop research interest to solve critical and emerging issues related to geography and the surrounding environment.

CC-101: Fundamentals of Geomorphology

Course Outcomes (COs):

1. To understand the development of geomorphic thought throughout the time with a review of fundamental concepts of geomorphology.
2. To look into the evolution of continents and ocean basins with continental drift theory.
3. To know the endogenetic and exogenetic forces controlling landform development with special reference to the denudational processes.
4. To see the mountain building activities through different theories.

Unit: 1

15 Lectures

Meaning nature and scope of geomorphology, Development of geomorphic thought, a brief review of fundamental concepts of geomorphology: Principle of Uniformitarianism.

Unit: 2

15 Lectures

Evolution of Continents and ocean basins: Continental drift theory of Taylor, Continental Drift theory of Wegener, Theory of Plate Tectonics.

Unit: 3

15 Lectures

Factors controlling landform development: Endogenetic and Exogenetic forces, Denudational processes, Weathering, Erosion and Mass wasting.

Unit: 4

15 Lectures

Mountain building activities, Geosynclinal theory of Kober, Holms Convectional current theory, Theory of Isostasy.

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CC-102: Principles of Climatology

Course Outcomes (COs):

1. To distinguish the weather and climate with an understanding of structure and composition of Atmosphere;
2. To understand the variations of weather systems in terms of Stability and Instability of atmosphere;
3. To enable the students to understand the vertical and horizontal distribution of atmospheric air;
4. To get complete information about Atmospheric Disturbances in terms of cyclones and anti-cyclones;
5. To know the significance of synoptic Climatology in pollution studies and navigation;

Unit - 1:

15 Lectures

Introduction to Climatology: Significance of Climatology, Development of Modern Climatology, Origin of Atmosphere, Structure and Composition of Atmosphere, Insolation, Heat transfer- Radiation, Convection and conduction, terrestrial heat balance.

Unit - 2:

15 Lectures

Moisture in the Atmosphere: Changes of state, Humidity, Humidity measurements, Stability and Instability of atmosphere, Condensation- Clouds and fogs, Precipitation - precipitation processes, types and forms.

Unit - 3:

12 Lectures

Motion in the Atmosphere: Air Pressure, Pressure measurement and distribution, Factors affecting wind, Pressure belts & Planetary winds, Monsoon and Local winds.

Unit - 4:

18 Lectures

Air Masses and Atmospheric Disturbances: Classification and modifications of Air Masses, Fronts: characteristics and types, Tropical Cyclones, Anticyclones, Thunderstorms, Tornadoes, Hurricanes, Water spouts; Application of Synoptic Climatology in pollution studies and navigation.

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Bulletin of the American Meteorological Society (<https://journals.ametsoc.org/toc/bams/current>)

Climate Dynamics (<https://link.springer.com/journal/volumesAndIssues/382>)

International journal of Climatology (<https://rmets.onlinelibrary.wiley.com/journal/10970088>)

Journal of Climate (<https://journals.ametsoc.org/toc/clim/current>)

Nature Climate Change (<https://www.nature.com/nclimate/>)

Weather and Climate Extremes (<https://www.sciencedirect.com/journal/weather-and-climate-extremes>)

CC-103: Economic Geography

Course Outcomes (COs):

1. To understand the concepts and basis of economic processes
2. To get acquainted with theories and models in economic geography
3. To get comprehensive knowledge of World energy resources, situation and distribution
4. To know about the Nature, scope and Principles of Industrial Geography
5. To understand transport and Trade policies of country
6. To get detail knowledge of economic power determinants of country and able to analyze the economic development of country.

Unit-1: Basics of Economic Geography

15 Lectures

Nature and scope; Approaches to the study of economic geography; Basis of economic processes: Production, exchange & consumption, Classification and characteristics of economic activities. World economic development: measurement and problems; Special Economic Zones.

Unit-2: Energy Resources

10 Lectures

Concept of resources, Classification of resources, Renewable & Non-renewable energy resources, World energy situation and distribution; Sources of Energy: Coal, Oil, Natural gas and Nuclear energy, OPEC-energy crisis.

Unit- 3: Industrial Geography

15 Lectures

Nature and scope of Industrial Geography, Factors of Industrial Location, Principles of Industrial Location: – Profit maximization, Least cost location- A. Weber & A. Losch- industrial location theories, Rostow's model, Industrial regionalization; World industries: locational patterns and problems; New industrial policies of India.

Unit-4: Transportation & Trade

20 Lectures

Modes of transportation, Accessibility and connectivity; Interregional and Intraregional: Ullman's triad- Complementarily- Intervening Opportunity- Transferability, Trade Policy; Export processing zones, International Trade Characteristics, patterns of world trade, Regional Trade blocks EEC, EFTA, & WTO.

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12. Misra R. P.: Regional Planning, concepts, New Delhi.
13. Jones & Darkenwald : Economic geography

CC-104: Geography of Population and Human Resource Development

Course Outcomes (COs): After completing the course, the students will develop an aptitude to:

1. Infer factors influencing population distribution and density;
2. Acquire skill to describe regional patterns of population composition;
3. Compute and explore fertility, mortality and human development levels for micro, meso and macro regions.
4. Analyse the population-resource regions and discover problems arising due to over and under population.
5. Understand and create awareness about provincial aspects of gender equity, social well-being and quality of life.

Unit-1: Concepts

15 Lectures

Meaning, nature, scope and significance of Population Geography; Sources of population data; Factors influencing population distribution and density-global perspective; Population distribution patterns-global perspective with reference to India and States; Population composition and change: India and States - Demographic, Socio-Cultural, Economic, Health.

Unit-2: Population Processes

20 Lectures

Fertility-Measures and Methods of estimation, spatio-temporal variations - India; Mortality-Measures and Methods of estimation, spatio-temporal variations - India; Migration-measures and methods of estimations.

Unit-3: Population Theories

10 Lectures

Theories of population growth: Malthus, Marx, Demographic Transition Model; Migration theories: Ravenstein and Everette Lee; Epidemiological Transition.

Unit-4: Population Development and Policies

15 Lectures

Population as resource, concepts of over, under and optimum population, population and development debate, population as ecosystem, Limits to Growth, Population resource regions, Human development - World, Social well-being and quality of life, Gender Equity; Population Policies-perspectives from developed and developing world, National Population Policy of India.

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Books & Reports:

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International Migration Review: <https://journals.sagepub.com/home/mrx>

Journal of Population Research: <https://link.springer.com/journal/12546>

Population and Environment: <https://link.springer.com/journal/11111>

Population Bulletin: <https://www.prb.org/population-bulletins/>

Population Development Review: <https://onlinelibrary.wiley.com/loi/17284457>

Population, Space, and Place: <https://onlinelibrary.wiley.com/journal/15448452>

Population Studies: <https://www.tandfonline.com/loi/rpst20>

Studies in Family Planning: <https://onlinelibrary.wiley.com/journal/17284465>

The Professional Geographer: <https://www.tandfonline.com/loi/rtpg20>

Useful Websites:

Census of India: <http://censusindia.gov.in/>

Population Reference Bureau: www.prb.org

Population Division of United Nations: <https://www.un.org/en/development/desa/population/index.asp>

Population Council: <https://www.popcouncil.org/>

The World Bank: www.worldbank.org

United Nations Development Program: <http://hdr.undp.org/en/>

CCPr-105.1: Practicals in Geomorphology and Surveying**Course Outcomes (COs):**

1. To know the methods of representation of relief.
2. Understanding the topographical maps.
3. Identification and mapping of drainage patterns
4. To look into the drainage basin morphometry.
5. To understand the field surveying methods.

Unit-1: Relief Representation and Maps**15 Hrs.****A) Methods of Representation of Relief:**

1. Pictorial
2. Mathematical.

B) Maps:

3. Definition:
4. Types of maps
5. Indexing of Topographical sheets. Identification & Mapping of Landforms from Topographical Maps: Ridge; Saddle; Col.; Pass; Spur; Plateau; Escarpment; Cliff; Waterfall; River Terraces; 'U' shaped Valley; 'V' shaped Valley.

Unit-2: Drainage Basin Analysis**40 Hrs.****A) Identification & Mapping of Drainage Patterns:**

6. Dendritic;
7. Trellis;
8. Radial;
9. Drainage Patterns.

B) Quantitative Analysis of Channel Planform:

10. Sinuosity Index of Straight channel.
11. Sinuosity Index of Sinuous Channel.
12. Sinuosity Index of Meandering channels.

C) Analysis of Cross Profiles & Longitudinal Profile of Rivers:

13. Cross profiles
14. Profile projected
15. Profile superimposed
16. Profile composite

D) Drainage Basin Morphometry:

17. Delineating Drainage Basin Perimeters,
18. Measurement of Drainage basin area,
19. Relief/Height (H),
20. Perimeter Length (P),
21. Strahler Stream Order system,
22. Calculation of Bifurcation Ratio,
23. Calculation of Drainage density,
24. Calculation of Stream Frequency,
25. Drainage Texture,
26. Elongation ratio,
27. Circularity Ratio.

Unit-3: Field Surveying

25 Hrs.

28. Definition and uses of surveying.
29. Classification of surveying.
30. Transit Theodolite: Concept of transiting, swinging, face left, face right and changing face.
31. Measurement of horizontal and vertical angles.
32. Determination of horizontal distance between two inaccessible points with Theodolite.
33. Theodolite Traverse Surveying and Stadia Survey.
34. Tacheometry. Preparation of Contour map of small area.
35. Total Station: Components used in Total Station Surveying;
36. To plot a small area using measurements taken from a Total Station.

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CCPr-105.2: Analysis of Climatic Data**Course Outcomes (COs):**

1. To identify various sources of climate data
2. To understand the formats of Indian daily weather report and reading of weather signs and symbols
3. To represent meteorological elements diagrammatically and interpretation of results.
4. To know methods of measurement of meteorological elements
5. To analyse interrelationship between various meteorological elements
6. To analyse present and future trends of meteorological elements.

Unit-1: Basics of Climatic Data Analysis**20 Hrs.****Practical Exercise(s):**

- 1-2: Nature and sources of climatic data
- 3: Measurement of meteorological elements- Temperature, Humidity of the air, Precipitation, Wind, Evaporation, Atmospheric pressure
- 4: Indian daily weather report and its format
- 5: Weather details: Weather Signs & symbols
- 6-8: Reading and interpretation of weather maps of representative seasons.

Unit-2: Diagrammatic Depiction of Meteorological Elements**30 Hrs.****Practical Exercise(s):**

- 9-11: Construction and interpretation of Wind Rose Diagrams- Simple, Compound, Octagonal
- 12-14: Interpolation of Isopleth- Isotherms, Isobars, Isohyets
- 15-17: Depiction and Interpretation of Comfort diagrams- Climograph, Hythergraph, Climatograph
- 18-20: Time series analysis- Preparation of trend graphs- Moving averages (three years and five years), Semi-average line

Unit-3: Analysis of Interrelationship: Meteorological Elements**30 Hrs.****Practical Exercise(s):**

- 21-23: Calculation and interpretation of Central tendency of climatic data
- 24-25: Spatial correlation of climatic variables: Graphical analysis
- 26: Water budget: Graphical analysis
- 27: Hydrograph
- 28: Analysis of upper air data- Tephigram (Temperature Height diagram)
- 29: Ergographs (Crop Calendar)
- 30-31: Dispersion graphs: Temperature and rainfall dispersion Diagram

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Websites:

- *India Meteorological Department: <http://www.imd.gov.in>*
- *Intergovernmental Panel on Climate Change: <https://www.ipcc.ch/>*
- *NASA-Climate Change and Global Warming: <https://climate.nasa.gov/>*
- *NCDC-NOAA: <https://www.ncdc.noaa.gov/sotc/>*
- *World meteorological organization: <http://worldweather.wmo.int>*
- *India water portal: <https://www.indiawaterportal.org>*

CCPr-105.3: Analysis of Socio-Economic Data**Course Outcomes (COs):**

1. To identify the importance of population studies regarding the fertility, mortality,
2. To understand the socio-economic structure of population
3. To study various statistical methods for analysis of Agricultural activities.
4. To determine the agriculture productivity and analyze results.
5. To get basic understanding of the economic data and its analysis.

Unit-1: Population Data Analysis**40 Hrs.****Practical Exercise(s):**

- 1: Choropleth maps: Mapping of Socio-Economic Phenomena.
- 2: Dot method & its relevance to distribution maps.
- 3: Maps with proportional circles.
- 4: Maps with divided proportional circles.
- 5: Maps with proportional spheres.
- 6-7: Fertility measures- Crude Birth Rate, General Fertility Rate
- 8-9: Mortality measures- Crude Death Rate, Infant Mortality Rate
- 10-11: Literacy measures-Crude Literacy Rate, Gross Enrolment Ratio.
- 12-14: Measures of population Growth- rates, ratios- arithmetic & exponential
- 15-16: Age & Sex Pyramid: Compound and Superimposed pyramid
- 17: Human Development Index

Unit-2: Agricultural Data analysis**20 Hrs.****Practical Exercise(s):**

- 18-19: Calculation of Crop Concentration index: Locational quotient method by Bhatia, Jasbir Singh Method
- 20: Calculation of Crop Diversification index: Bhatia's Method
- 21-22: Identification and interpretation of Crop Combination index by Weaver and Doi methods
- 23: Determination of Agricultural Productivity

Unit-3: Economic Data analysis**20 Hrs.****Practical Exercise(s):**

- 24-25: Trade area delimitation- Breaking Point Theory, Law of Retail Gravitation
- 26: Construction of Flow line charts & maps of transport flows.
- 27-28: Logarithmic & Semi-logarithmic graphs.
- 29: Location Quotient method

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CC-201: Applied Geomorphology

Course Outcomes (COs):

1. To establish the relationship between the tectonism and geomorphology with the knowledge of interior of the Earth.
2. To verify the impact of dynamic agencies on denudation and their work.
3. To understand the cycle of erosion with different views with special reference to hill slope development.
4. To see the application of geomorphology in the view of anthropogenic and environmental geomorphology.

Unit: 1

15 Lectures

Tectonism and geomorphology, Interior of the Earth, Earthquakes, Volcanoes and associated features, folding and faulting.

Unit: 2

15 Lectures

Dynamic agencies of denudation and their work: Fluvial, Glacial, Coastal, Aeolian and Karst topography, Morphogenetic regions. (15)

Unit: 3

20 Lectures

Cycle of Erosion-Geographical Cycle of Davis, Penck's model of cycle of erosion. Hill Slope development, views of W.M. Davis, Walther Penck, Allen Wood and L.C. King.

Unit: 4

10 Lectures

Applied Geomorphology, Anthropogenic Geomorphology, Environmental Geomorphology and recent trends in Geomorphology.

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CC-202: Applied Climatology and Climate Change

Course Outcomes (COs):

1. To recognize the importance of climate on human life;
2. To identify and categorize climate types and climatic regions of the world;
3. To understand the regional and seasonal variations of weather systems in India;
4. To get comprehensive knowledge about causes and impacts of atmospheric pollution, GHGs emission, ozone layer depletion, acid rain and el-nino;
5. To know about the history, recent trends, impacts and dynamics of climate change on earth;
6. To assess future risks of climate change and the adaptation and mitigation options;

Unit - 1: Impact of Climate and Global Climatic Regions

18 Lectures

History and relevance of applied climatology and climate change studies; Impact of climate on human life, soils, agriculture, and health; Approaches to climatic classification and climatic regions; Climatic classification of Koppen, and Thornthwaite; World pattern of temperature and precipitation.

Unit - 2: Weather Systems of India

10 Lectures

Characteristics of general weather systems of India – spatial and seasonal variation of temperature, humidity, wind and precipitation; Climatic zones of India; Weather forecasting and application of meteorological satellites with special reference to India.

Unit - 3: Atmospheric Pollution and Global Change

10 Lectures

Causes, impacts and society's response to change in air quality and atmospheric pollution; Causes and impacts of greenhouse gas (GHGs) emission, ozone layer depletion, acid rain; El-nino and southern oscillation (ENSO).

Unit - 4: Paleoclimatology and Climate Change

22 Lectures

Paleoclimatology - climate dynamics and water balance with reference to evolution of the earth systems; General overview of the climate change – observed changes and its impacts; Recent trends of climate change and its impact on natural and human subsystems; Significant climate anomalies - notable events of recent times, extreme weather and climate; Future climate changes – risks and impacts with special reference to India; Adaptation and mitigation options of climate change.

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Atmospheric Environment (<https://www.sciencedirect.com/journal/atmospheric-environment>)
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Nature Geoscience (<https://www.nature.com/ngeo/>)
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World Meteorological Organization: <https://public.wmo.int/en>

CCS-203: Advanced Cartography and Surveying

Course Outcomes (COs):

1. To understand basic principles of cartography and surveying
2. To explain various cartographic methods and techniques for preparation of maps and diagrams.
3. To compare the difference between manual and digital cartography
4. To acquaint with the skills regarding digital cartography
5. To identify sources and types of errors occurs during surveying
6. To get familiar with the basic aspects of linear, vertical and angular measurements of surveying.

Unit - 1: Fundamentals of Cartography

20 Lectures

Definition, nature and scope of cartography, History of cartography, Basics of geodesy, Basic principles of cartography, Scale- definition, types & importance, Concept of datum- vertical and horizontal, Co-ordinate systems- geographical and projected, Map- definition, types and significance, Cartographic methods and techniques for representation of data.

Unit - 2: Digital Cartography

15 Lectures

Introduction to digital cartography, Manual cartography vs. Digital cartography, Cartographic data and its sources, Cartographic database, Map design, Digital mapping- Thematic maps, Symbolization and visualization, Modern techniques of map production, Digital cartography- hardware and software, Advantages and disadvantages, Applications of digital cartography.

Unit - 3: Fundamentals of Surveying

10 Lectures

Definition, classification and principles of surveying, Character of surveying work- field work and office work, Sources and types of errors, Precision and accuracy, Units of measurements.

Unit - 4: Surveying Measurements

15 Lectures

Linear measurement-types of ranging, Methods- approximate, direct, optical and electronic, Errors and applications, Angular measurement-types of measured angles, Compass, Meridian, Bearings and azimuths, Errors, Corrections and precautions, Vertical measurement-types and methods of leveling, Contouring- definition, characteristics, methods and interpolation.

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Indian National Cartographic Association: <https://incaindia.org/>

Bhuvan Indian Geo Platform of ISRO: <https://bhuvan.nrsc.gov.in/>

CCS-204: Social and Cultural Geography

Course outcomes (Cos):

1. To study and identify the philosophical base, problems associated with society & its culture.
2. To know about the culture, cultural regions, hearths and their diffusion, realms, and distribution of races.
3. To study and knowing of socio-cultural diversity of India, and processes of social changes.
4. To understand the social justice and well-being of society, to find out the level of well-being in India.

Unit-1: Social Geography

15 Lectures

Philosophical bases of Social and Cultural Geography. Definition, scope, and significance of Social and Cultural Geography. Roots of Social Geography and social problem, housing space and society, and geography of poverty.

Unit-2: Culture and Races

15 Lectures

Concept of culture, culture areas and culture regions, Cultural hearths and their diffusion, World Culture Realms. Concept of race, Griffith Taylor and C.S. Coon's Theories of distribution of races of mankind in the world. Basis of racial classification and their physical characteristics. Races of India.

Unit-3: Socio-cultural Diversity

15 Lectures

Concept of Dialects and ethnicity. Distribution of Religion, Caste, Tribe, Languages in India. Concept of social areas, North-South-Socio-Cultural diversity of India, Processes of Social changes: Modernization, Sanskritization and Globalization.

Unit-4: Social Justice and Well-being

15 Lectures

Concept of social Justice and fair society, Equality and welfare, social development and well-being. Indicators for measurement, Levels of well-being in India, Social status of women in India.

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CCPr-205.1: Computer Application in Geography**Course Outcomes (COs):**

1. To learn the representation of geographic data using various computational methods;
2. To know about sources and uses of online educational resources and e-learning methods;
3. To develop writing, editing, and presentation skill for representation of geographical information;
4. To compute statistical parameters with the help of computer;
5. To prepare and design maps and graphs with the help of computer software;
6. To apply computational techniques relevant in the discipline of Geography;

Unit-I: Geographic data: types and sources; Computer hardware and software; Online educational resources; E-learning. **30 Hrs.**

Practical Exercise(s):

- 1: Description with examples about geographic data types and sources.
- 2: Illustration of computer hardware and their uses.
- 3: Demonstration of useful software packages/ programs and their application.
- 4: Identification, browsing, and storing/ retrieving online educational resources.
- 5: How to access and use e-resources for effective and updated learning?
- 6: Comprehensive browsing and listing of useful geographical websites.
- 7: E-learning objectives, methods, and listing of open online e-learning websites.
- 8-9: E-learning through open online courses: MOOCS – SWAYAM and NPTEL.
- 10-11: E-learning through e-content: e-PG Pathshala, and interactive learning solutions: Moodle.

Unit-2: Writing / formatting of texts, graphs, tables, and references using MS word; Preparation of power point presentation using MS power point; Computation of statistical parameters using MS excel. **25 Hrs.**

Practical Exercise(s):

- 12: Writing / formatting of text paragraphs.
- 13: Inserting, creating, and editing of text box, smart art, pictures and graphs.
- 14: Construction and editing of tables (with and without formatting).
- 15: Reference writing styles using MS word with examples.
- 16: Preparation of MS power point presentation.
- 17: Measures of central tendency: Computation of average, median and mode.
- 18: Measures of central tendency: Calculation of weighted mean.
- 19: Measures of position: Estimation of quartiles, deciles, and percentiles.
- 20: Measures of variation: Computation of range, variance, and standard deviation.
- 21: Calculation of co-relation coefficient.

Unit-3: Presentation and analysis of geographic data (physical and socio-economic) using graphs, charts, maps and map labeling with the help of computer. **25 Hrs.**

Practical Exercise(s):

- 22-26: Presentation and analysis of geographic data using MS Excel – preparation of graphs/charts (bar graph, line graph, pie diagram, scatter diagram and trend line).
- 27: Co-relation and regression analysis using MS Excel.
- 28: Presentation and illustration of geographic data – preparation of maps with labeling.
- 29-30: Presentation and analysis of geographic data using Origin and SPSS.

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National Digital Library of India: <https://ndl.iitkgp.ac.in/>

Shivaji University Library (E-Resources): <http://www.unishivaji.ac.in/library/E-Resources>

CCPr-205.2: Statistical Techniques in Geography**Course Outcomes (COs):**

1. To understand the importance and use of statistical techniques in geography
2. To form frequency distributions tables and graphically interpret the results.
3. To measure central tendency and dispersion of data.
4. To examine relationship between two or more variables with correlation and regression analysis.
5. To apply comprehensive knowledge of statistics for analysis of geographical data

Unit-1: Basics of Statistics**20 Hrs.****Practical Exercise(s):**

- 1: Definitions of statistics
- 2: Importance and use of statistical techniques in geography
- 3: Sources of statistical data in geography
- 4: Scale of measurement: Nominal, Ordinal, Interval and Ratio
- 5: Formation of frequency distribution table
- 6-9: Graphical representation of frequency distribution using Histogram, Frequency Polygon, O give curve, Cumulative percentage curve

Unit-2: Measures of Statistics**30 Hrs.****Practical Exercise(s):**

- 10-13: Measures of central tendency using simple, discrete and continuous data: Mean, Median and Mode.
- 14-16: Measures of position: Estimation of quartiles, deciles and percentiles.
- 17-20: Measures of dispersion: Absolute measurements- Mean deviation, Quartile deviation, and Standard deviation.
- 21-25: Relative measurements: Coefficient of mean deviation, Coefficient of quartile deviation, Coefficient of variations, Index variability and Relative variability.

Unit-3: Analysis of Statistical Relationship**30 Hrs.****Practical Exercise(s):**

- 26-27: Skewness: Karl Pearson's and Bowley's methods
- 28: Kurtosis
- 29-30: Correlation analysis: Rank order correlation and Product moment correlation
- 31-32: Regression analysis: Simple and Multiple Regression
- 33: Least square method.

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CCPr-205.3: Quantitative Techniques in Geography**Course Outcomes (COs):**

1. To understand correlation and regression among spatio-temporal data
2. To learn what is Spatial Analysis
3. For The Measurement Levels and Spatial Data
4. To Measures probability
5. To became expert in techniques for analysis of data in research
6. For Exploratory Data Analysis

Unit-1: Introduction to Quantitative Techniques and Probability Distribution**10 Hrs.**

1. Introduction to quantitative technique and its use in Geography
2. Probability - Introduction
3. Normal probability
4. Poisson probability
5. Binomial probability

Unit-2: Hypothesis Testing**30 Hrs.**

6. Hypothesis testing
7. Chi-square test
8. Student's t-test
9. The Man – Whitney U test
10. The Wilcoxon test for paired samples
11. Analysis of variance
12. Kruskal – wallis analysis of variance
13. Snedecor's variance ratio test (F test)
14. ANOVA- One way
15. ANOVA- Two ways (single entry and multiple entry)

Unit-3: Measures of Spatial Distribution and Models**40 Hrs.**

16. Point and line distribution
17. Quadrat Analysis
18. Nearest neighbour index
19. The Join Count statistics
20. Moran's I statistics
- 21-23. Combinational Analysis - Nelson's method; Raffiullah's method; Ternary diagram
24. Importance of models in geography
25. Models as quantitative techniques
26. Simulation models
27. Gravity models
28. Transportation model

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