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 शिवाजी विद्यापीठ, कोल्हापूर - 416004
 दूरध्वनी (दोस्तोनीयकर) २६०९००० (अध्यापक भंडारे शिवाजी- २६०९०९४)
 फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३५३ e-mail:bos@unishivaji.ac.in

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,

[Signature]
 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.



[Signature]
 Principal,
 G.K. Gokhale College



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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 for semester-** 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 paper in each Semester except Environmental Studies. For Environmental Studies at Semester IV, 70 marks will be for University examination 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.



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फॅक्स : ००९१-२७३१-२६९२३३३ 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.



Principal,
G.K. Gokhale College,
Kolhapur.

Draft

Shivaji University, Kolhapur
Guidelines and Rules for Semester System
Under Choice Based Credit System (CBCS)
To be implemented from Academic Year 2018-19
Under the Faculty of Commerce and Management

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. Pattern of Semester system - 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.
- iv. 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 III & IV 28 Credits.
- v. 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	36	19%
GEC : Generic Elective Courses	04	16	11%
DSE : Discipline Specific Elective	4 (out of 44)	16	11%
TOTAL	37	148	100%

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Principal,
Gopal K. Gokhale College
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फैक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail bos@unishivaji.ac.in

Ref./SU/BOS/Science/4749

Date:- 01/06/2018

The Principal
All Affiliated Science (B.Sc.) Colleges,
Shivaji University,
Kolhapur.

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

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.Sc. Part- I , II, III (Sem. I & VI) Choice Based Credit System (CBCS) under the Faculty of Science and Technology.

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,

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- 9 Distan Education

for information and necessary action.



Principal,
Gopal Krishna Gokhale College
Kolhapur.

Draft

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

1. **Implementation of Regulations & Guidelines:** The Regulations & guidelines shall be implemented gradually as mentioned below –
 - a) B.Sc. Part – I from Academic year 2018- 19
 - b) B.Sc. Part – II from Academic year 2019- 20
 - c) B.Sc. Part – III from Academic year 2020- 21
2. **Eligibility Criteria:** As per Ordinance – O. B. Sc. 1
3. **Duration and Pattern of program:** The total duration of B. Sc. Program will be of 3 years. The pattern of CBCS will be of semester type. There shall be 6 semesters each of 6 months duration.
4. **Weightage:** There shall be 2800 marks for 3 years B. Sc. CBCS Program with 140 Credits.
 - a) **B.Sc. Part – I (Sem I & II) :**

For B. Sc. Part I total Credits shall be 52 with 26 Credits for each Semester, of these; there shall be 18 Credits for theory and 8 credits for practical per semester.

 - I. There shall be Ability Enhancement Compulsory Course (subjects) (hereafter termed as AECC) with Paper A for Sem I and Paper B for Sem II each of 50 marks, as compulsory English course.
 - II. There shall be 4 Discipline Specific Core Courses (subjects) (hereafter termed as DSC) per semester.
 - III. There shall be 2 theory papers each of 50 marks for a DSC.
 - IV. There shall be 1 practical of 50 marks for each DSC.

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Pradip
Principal,
Jogai Ramji Gokhale College
Kolhapur

Shivaji University, Kolhapur
 Bachelor of Computer Applications (BCA)
 Draft CBCS Course Structure to
 be implemented from June 2020
 Syllabus

1. Introduction:

Bachelor of Computer Application (3years) program / degree is a specialized program in Computer Applications. It builds the student on studies in applied use of computers and to become competent in the current race and development of new computational era. The duration of the study is of six semesters, which is completed in three years. The program is based on Choice-based credit system comprising 144 credit points and intake for one batch is not more than 80 students.

2. Objective:

BCA offers the prequalification for professionals heading for smart career in the IT field, which measures up to international standards. On completing this course one can do higher studies such as MCA, MBA etc., in any UGC recognized universities or in any other reputed institution in India or abroad.

3. Eligibility: Candidate should have passed standard XII (10+2) in any stream or government approved equivalent diploma in Engineering/ Technology from any recognized Board or Vocational stream.

A candidate who has completed qualifying qualification from any Foreign Board /University must obtain an equivalence certificate from Association of Indian Universities (AIU).

4. PEO, PO and CO Mappings:

Program Educational Outcomes: After completion of this program, the graduates / students would:

PEO I	Technical Expertise	Implement fundamental domain knowledge of core courses for developing effective computing solutions by incorporating creativity and logical reasoning.
PEO II	Successful Career	Deliver professional services with updated technologies in Computer application based career.
PEO III	Interdisciplinary and Life Long Learning	Develop leadership skills and incorporate ethics, team work with effective communication & time management in the profession. Undergo higher studies, certifications and technology research as per market needs.

Program Outcomes (PO's):- After completion of program Students / graduates will be able to:



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- PO1: Apply knowledge of ICT in solving business problems.
 PO2: Learn various programming languages and custom software.
 PO3: Design component, or processes to meet the needs within realistic constraints.
 PO4: Identify, formulate, and solve problems using computational temperaments.
 PO5: Comprehend professional and ethical responsibility in computing profession.
 PO6: Express effective communication skills.
 PO7: Recognize the need for interdisciplinary, and an ability to engage in life-long learning.
 PO8: Knowledge of contemporary issues and emerging developments in computing profession.
 PO9: Utilize the techniques, skills and modern tools, for actual development process.

Course Outcome(s): Every individual course under this program has course outcomes (CO). The course outcomes rationally match with program educational objectives. The mapping of PEO, PO and CO is as illustrated below:

Program Educational Objectives	Thrust Area	Program Outcome	Course Outcome
PEO I	Technical Expertise	PO1,PO2,PO3,PO9	All Core and Lab courses
PEO II	Successful Career	PO4,PO5,PO6	All AEC courses
PEO III	Interdisciplinary and Life Long Learning	PO7,PO8	All Electives

5. Workload (Period/Lectures for each Course): For every semester 60 periods (60 minutes per period) are allotted to complete the syllabus of each Course (Subject).

6. Standard of Passing:

- I. A candidate must obtain minimum 40% of the marks in each University, internal examination paper, lab course as well as mini and major project.
- II. There shall be a separate head of passing in Theory, Internal, Lab Course and Project examination. However, ATKT rules shall be made applicable in respect of theory and lab courses (University Examination) only.
- III. A candidate who fails in any number of subjects during semester – I & II shall be admitted to B.C.A.-II (appear for semester –III & Semester IV examination).
- IV. However the candidate shall not be admitted to B.C.A- III (Semester-V) unless he/she passed in all the subjects at B.C.A.-I (Semester-I & Semester-II).
- V. A candidate who fails in any number of subjects during Semester-III & IV shall be admitted for B.C.A.-III & allowed to appear for Semester –V & VI examinations.
- VI. For environmental studies Semester IV the candidate shall have to score 28 marks out of 70 marks theory paper and 12 marks out of 30 for project work.
- VII. CCC 108 is noncredit course as per notification of university i.e. Democracy, Elections and Good Governance (Non Credit).



Datya
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Gradation Chart:

Marks obtained	Numerical Grade (Grade Point)	CGPA	Letter Grade
Absent	0(Zero)		
<40	0 to 4	0.0 to 3.99	Fail
40-50	5	4.00 to 4.99	C
51-60	6	5.00 to 5.99	B
61-70	7	6.00 to 6.99	B+
71-80	8	7.00 to 7.99	A
81-90	9	8.00 to 8.99	A+
91-100	10	9.00 to 10.00	O(outstanding)

- Note: i) Marks obtained ≥ 0.5 shall be rounded off to next higher digit.
ii) The SGPA & CGPA shall be rounded off to 2 decimal points.

Calculation of SGPA & CGPA

- Semester Grade Point Average (SGPA) $SGPA = \frac{\text{Course credits} \times \text{Grade Points obtained of a semester}}{\text{Course credits of respective semester}}$
- Cumulative Grade Point Average (CGPA) $CGPA = \frac{\text{Total credits of a semester} \times \text{SGPA of respective semester of all semesters}}{\text{Total course credits of all semesters}}$

7. **Nature of Theory Question paper:** Nature of question paper is as follows for University end semester examination

QUESTION PAPER PATTERN FOR ALL SEMESTERS

Duration: 3 Hours

Total Marks – 70

- Instructions: 1) Que.1 and Que. 6 are compulsory and attempt any three Questions from Que. No.2 to Que. No. 5.
2) Figures to the right indicate marks.

Qu.1)	
A. Multiple Choice Questions (10 questions for 1 mark each)	10
B. Give Reasons or Short answer question (Any two out of three)	10
Qu.2) Broad answer question	10
Qu.3) Broad answer question	10
Qu.4) Broad answer question	10
Qu.5) Broad answer question	10
Qu.6) Write notes on (Any Four out of Six)	20

8. Nature of Practical Question Paper:

There will be three questions of 15 Marks each, out of which student have to attempt any two Questions and 10 marks for journal and 10 marks for oral for 2 credit lab course and time duration is two hours.

For four credit lab course there will be four questions of 25 Marks each, out of which student have to attempt three questions and 10 marks for journal and 15 marks for oral and time duration is three hours.

Practical Examination conducted by the University appointed examiner panel of two members. The panel members have more than five years' experience as full time teacher.

9. **Medium of Instruction:** The medium of instructions shall be in English.





10. Teachers Qualification: As per rules and regulations of Shivaji University, Kolhapur and Govt. of Maharashtra.

11. Internal Marks Distribution:

- 1 Five Marks for Mid Tests.
- 2 Ten Marks for presentation or activity based learning or Group exercise(Number of students in Group are not more than six).
- 3 Five Marks for Assignments.
- 4 Five Marks for library activity/ designing apps or software or working model/ Field Work/online learning activity etc.
- 5 Five Marks for Attendance.(75% to 80%- 02 marks, 81% to 85 %- 03 marks, 86% to 90 %- 04 ,marks 91% to 100% - 5 mark)

12. Mini- Project

The Objective of mini project is, to make aware student with current technology to be used in IT industry. The language/platform of the mini-project to be selected from the subject studied in previous and present semester. The Group size of maximum four students can undertake mini project. Project Viva-Voce Examination will be conducted by the University appointed examiner panel of two members. The panel members have more than five years' experience as full time teacher.

13. Major Software Development Project:

The Objective of major project is to design and develop the live application with current technology to be used in various industries. The Group size of maximum three students can undertake major project. Project Viva-Voce Examination will be conducted by the University appointed examiner panel of two members. The panel members have more than five years' experience as full time teacher. The chairman for viva voce committee will be doctorate or faculty having more than ten years experience as full time faculty.

14. Fee Structure: As per University norms.

15. Requirements:

i) Core Faculty:

For First Year Sem I & Sem II - 1 Full Time Faculty and 1 Lab Assistant.

For Second Year Sem III & Sem IV - 1 Full Time Faculty.

For Third Year Sem V & Sem VI - 1 Full Time Faculty and 1 Lab Assistant.

Total - 3 Full Time Faculties and

Two Lab Assistants having qualification BCA/BCS/Diploma in Computer Engineering/PG DCA.

In addition there shall be visiting/CHB faculty drawn from academicians /professionals from different fields for AEC/DSE/GE Courses and AEC/DSE based lab courses.

ii) Non-Teaching Staff: One Clerk and 2 Peons.

iii) Computer Lab: Well-equipped networked Lab with backup facility, Application and system software's as per syllabi and internet facility.

iv) Library: The entire library fees collected from the students shall be invested on

- library.
- v) Class Room; At least 3 classrooms of seating capacity 80 students with LCD in which at least one Digital Classroom.



D. K. Patil
Principal,
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Kolhapur