

## CSIBER Trust's

### College Of Non-Conventional Vocational Courses For Women, Kolhapur

#### **Justification For Implementation Of CBCS Pattern**

Presently college is offering following programme affiliated to Shivaji University , Kolhapur

Programme Code	Programme Name
2333	B.Sc.(Food technology And Management)
1037	B.A.(Dress Making and Fashion Co-ordination)
1032	Bachelor of Interior Design
1033	B. A.(Multimedia)
2334	B.Sc.(Environment Science)
7808	B.Com.(Bank Management)
629	Post Graduate Diploma in Nutrition and Dietetics

The curriculum of these programme is designed and developed by the BOS ,Shivaji University, Kolhapur. Shivaji University has introduced and college has implemented Choice Based Credit System (CBCS) for B.Sc. (Food Technology and Management) and B.A.( Dress Making and Fashion Coordination) with effect from 2018-19. For the newly initiated programmes like B.Com.(Bank Management) and B.Sc.(Environment Science), the CBCS was introduced by the Shivaji University from their inception i.e from 2019-20.

The designing of CBCS by BOS of Shivaji University,Kolhapur in respect of programme like Bachelor of Interior Design , B.A.(Multimedia) and Post Graduate Diploma in Nutrition and Dietetics is in process.



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# SHIVAJI UNIVERSITY, KOLHAPUR.



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Accredited By NAAC with 'A' Grade  
CHOICE BASED CREDIT SYSTEM

Syllabus For

B.Sc. Part - I

Food Technology and Managemnt (Entire)

SEMESTER I AND II

(Syllabus to be implemented from June, 2019 onwards.)

*Patil*  
HOOD  
Department of Food Technology  
CNSVVM, Kolhapur.



Estd. 1962  
NAAC 'A' Grade

SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA  
PHONE : EPABX-2609000 website- [www.unishivaji.ac.in](http://www.unishivaji.ac.in)  
FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094  
शिवाजी विद्यापीठ, कोल्हापूर – 416004.  
दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)  
फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

SU/BOS/Science/6140

Date: 18/06/2019

To,

The Principal,  
All Affiliated Concerned Science Colleges/Institutions  
Shivaji University, Kolhapur.

**Subject:** Regarding syllabi, Structure, and equivalence of B.Sc. Part- I Entire CBCS (Sem.I & II) degree programme under the Faculty of Science and Technology

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi, Structure, Subject list, Nature of question paper and equivalence of B.Sc. Part- I Entire CBCS (Sem.I & II) under the Faculty of Science and Technology.

B.Sc.- Part-I Entire (Sem. I & II) Course	
1)	Food Technology & Management (Entire)

This syllabi, Structure, Subject list, Nature of question paper and equivalence shall be implemented from the academic year 2019-2020 (i.e. from June 2019) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website [www.unishivaji.ac.in](http://www.unishivaji.ac.in) (Online Syllabus)

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October /November 2019 & March/April 2020. These chances are available for repeater students, if any.

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,

Dy Registrar

Copy to:

1	The Dean, Faculty of Science & Technology	7	Appointment Section
2	Director, Board of Examinations and Evaluation	8	P.G.Seminar Section
3	The Chairman, Respective Board of Studies	9	Computer Centre
4	B.Sc. Exam	10	Affiliation Section (U.G.)
5	Eligibility Section	11	Affiliation Section (P.G.)
6	O.E. I Section	12	P.G.Admission Section

## **B.Sc. Part - I**

# **Food Technology and Management (Entire)**

### **SEMESTER I AND II**

**(Syllabus to be implemented from June, 2019 onwards.)**

- ❖ Guidelines shall be as per B. Sc. Regular Program
- ❖ Rules and Regulations shall be as per B. Sc. Regular Program except CBCS R. B. Sc. 3 Structure of Program and List of Courses.
- ❖ Preamble :

This syllabus is framed to give sound knowledge with understanding of Food technology and management to undergraduate students of B. Sc. Food technology and Management( Entire) Program.

Students learn Food technology and Management as a separate course (subject) from B. Sc. I.

The goal of the syllabus is to make the study of Food technology and Management popular, interesting and encouraging students for higher studies including research.

❖ Structure of Program and List of Courses are as follows:

**(i) Structure of B. Sc. Food Technology and Management  
(Entire) Programme Sem I & II**

**Structure – I**

S E M E S T E R – I (Duration – 6 Months)														
Sr. No.	Course (Subject) Title	TEACHING SCHEME						EXAMINATION SCHEME						
		THEORY			PRACTICAL			THEORY				PRACTICAL		
		Credits	No. of	Hours	Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min
1	DSC-FTM-A1	2	5	4	2	4	3.2	2	50	100	35	PRACTICAL EXAMINATION IS ANNUAL		
2	DSC-FTM-A2	2						2	50					
3	DSC-FTM-A3	2	5	4	2	4	3.2	2	50	100	35			
4	DSC-FTM-A4	2						2	50					
5	DSC-FTM-A5	2	5	4	2	4	3.2	2	50	100	35			
6	DSC-FTMA6	2						2	50					
7	DSC-FTM-A7	2	5	4	2	4	3.2	2	50	100	35			
8	DSC-FTM-A8	2						2	50					
9	AECC-A	2	4	3.2	-----	-----	-----	2	50	50	18			
Total		18	24	19.2	8	16	12.8	-		450				
S E M E S T E R – II (Duration – 6 Months)														
1	DSC-FTM-B1	2	5	4	2	4	3.2	2	50	100	35	As per BOS Guide-lines	50	18
2	DSC-FTM-B2	2						2	50				50	18
3	DSC-FTM-B3	2	5	4	2	4	3.2	2	50	100	35		50	18
4	DSC-FTM-B4	2						2	50				50	18
5	DSC-FTM-B5	2	5	4	2	4	3.2	2	50	100	35		50	18
6	DSC-FTM-B6	2						2	50				50	18
7	DSC-FTM-B7	2	5	4	2	4	3.2	2	50	100	35		50	18
8	DSC-FTM-B8	2						2	50				50	18
9	AECC-B	2	4	3.2	-----	-----	-----	2	50	50	18			
Total		18	24	19.2	8	16	12.8	-		450		200		
Grand Total		36	48	38.4	16	32	25.6	-		900				
• Student contact hours per week : 32 Hours (Min.)							• Total Marks for B.Sc.-I (Including English) : 1100							
• Theory and Practical Lectures : 48 Minutes Each							• Total Credits for B.Sc.-I (Semester I & II) : 52							
• DSC – Discipline Specific Core course: All papers are compulsory.														
• AECC – Ability Enhancement Compulsory Course (A & B)- English														
• Practical Examination will be conducted annually for 50 Marks per course (subject).														
• There shall be separate passing for theory and practical courses.														
(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. Sc. Food Technology and Management (Entire)  
Programme Sem III & IV**

**Structure - II**

S E M E S T E R – III (Duration – 6 Months)

Sr. No.	Course (Subject) Title	TEACHING SCHEME						EXAMINATION SCHEME							
		THEORY				PRACTICAL			THEORY				PRACTICAL		
		Credits	No. of	Hours		Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min
1	DSC-FTM-C1	2	3	2.4		4	8	6.4	2	50	100	35	PRACTICAL EXAMINATION IS ANNUAL		
2	DSC-FTM-C2	2	3	2.4					2	50					
3	DSC-FTM-C3	2	3	2.4	4	8	6.4	2	50	100	35				
4	DSC-FTM-C4	2	3	2.4				2	50						
5	DSC-FTM-C5	2	3	2.4	4	8	6.4	2	50	100	35				
6	DSC-FTM-C6	2	3	2.4				2	50						
7	AECC-C	4	4	3.2	---	---	---			---	---				
	TOTAL	16	22	17.6	12	24	19.2			300	---				

S E M E S T E R – IV (Duration – 6 Months)

1	DSC-FTM-D1	2	3	2.4	4	8	6.4	2	50	100	35	As per BOS Guide-lines	100	35
2	DSC-FTM-D2	2	3	2.4				2	50					
3	DSC-FTM-D3	2	3	2.4	4	8	6.4	2	50	100	35		100	35
4	DSC-FTM-D4	2	3	2.4				2	50					
5	DSC-FTM-D5	2	3	2.4	4	8	6.4	2	50	100	35		100	35
6	DSC-FTM-D6	2	3	2.4				2	50					
7	AECC- C AECC- D	---	---	---	---	---	---	3	70 30	100	25 10	---	---	---
	TOTAL	12	18	14.4	12	24	19.2			400	---			
		28	40	32	24	48	38.4			700	---	---	300	

• Student contact hours per week : 32 Hours (Min.)

• Total Marks for B.Sc.-II (Including EVS) : 1000

• Theory and Practical Lectures : 48 Minutes Each

• Total Credits for B.Sc.-II (Semester III & IV) : 52

• DSC : - Discipline Specific Core Course : All papers are compulsory.

• AECC- Ability Enhancement Compulsory Course (C) :  
Environmental Studies: EVS ( Theory – 70 & Project – 30 Marks)

• Practical Examination will be conducted annually for 100 Marks per course (subject).

• There shall be separate passing for theory and practical courses also for Environmental Studies.

**(iii) Structure of B. Sc. Food Technology and Management( Entire)  
Programme Sem V & VI**

**Structure - III**

Structure – III

S E M E S T E R – V (Duration – 6 Months)														
Sr. No.	Subject Title	TEACHING SCHEME						EXAMINATION SCHEME						
		THEORY			PRACTICAL			THEORY				PRACTICAL		
		Credits	No. of lectures	Hours	Credits	No. of lectures	Hours	Hours	Theory	Internal	Min Marks	Hours	Max Marks	Min Marks
1	DSE-FTM-E1	2	3	2.4	2	5	4	2	40	10	14+4=18	PRACTICAL EXAMINATION IS ANNUAL		
2	DSE-FTM-E2	2	3	2.4	2	5	4	2	40	10	14+4=18			
3	DSE-FTM-E3	2	3	2.4	2	5	4	2	40	10	14+4=18			
4	DSE-FTM-E4	2	3	2.4	2	5	4	2	40	10	14+4=18			
5	AECC-E	2	4	3.2	---	---	---	2	40	10	14+4=18			
	TOTAL	10	16	12.8	8	20	16		200	50	---			
S E M E S T E R – VI (Duration – 6 Months)														
1	DSE-FTM-F1	2	3	2.4	2	5	4	2	40	10	14+4=18	As per BOS Guideline s	50	18
2	DSE-FTM-F2	2	3	2.4	2	5	4	2	40	10	14+4=18		50	18
3	DSE-FTM-F3	2	3	2.4	2	5	4	2	40	10	14+4=18		50	18
4	DSE-FTM-F4	2	3	2.4	2	5	4	2	40	10	14+4=18		50	18
5	AECC-F	2	4	3.2	---	---	---	2	40	10	14+4=18		---	---
	TOTAL	10	16	12.8	8	20	16		200	50	---			
	GRAND TOTAL	20	32	25.6	16	40	32		400	100	--	--	200	
<div><div>• Student contact hours per week : 32 Hours (Min)</div><div>• Theory and Practical Lectures : 48 Min. Each</div><div>• DSE- Discipline Specific Elective : All papers are compulsory.</div><div>• AECC- Ability Enhancement Compulsory Course (E &amp; F) : English</div><div>• Practical Examination will be conducted annually for 200 Marks.</div><div>• There shall be separate passing for theory, internal and practical.</div></div>														
<div>(A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC) For Sem V: CCC – II : Constitution of India and Local Self Government</div>														
<div>(B) Non-Credit Self Study Course : Skill Development Courses (SDC) For Sem VI: SDC – II: Any one from following (vi) to (x) vi) Interview &amp; Personal Presentation Skill, vii) Entrepreneurship Development Skill, viii) Travel &amp; Tourism, ix) E-Banking &amp; Financial Services, x) RTI &amp; Human Right Education (HRE), IPR &amp; Patents</div>														

## CBCS B. Sc. :Food technology and Management( Entire) : List of courses:

i) B. Sc FTM. Part I (Sem I &amp; II),

Course code	Name of Course	Course code	Name of Course
<b>Sem I</b>		<b>Sem II</b>	
DSC FTM-A1	Food Science-I	DSC FTM-B1	Food Chemistry – I
DSC FTM-A2	Food Science-II	DSC FTM-B2	Food Chemistry – II
DSC FTM-A3	Food Microbiology -I	DSC FTM-B3	Principles of Food Preservation –I
DSC FTM-A4	Food Microbiology -II	DSC FTM-B4	Principles of Food Preservation – II
DSC FTM-A5	Dairy Technology –I	DSC FTM-B5	Human Nutrition-I
DSC FTM-A6	Dairy Technology –II	DSC FTM-B6	Human Nutrition-II
DSC FTM-A7	Human Physiology-I	DSC FTM-B7	Computer Basics and Applications –I
DSC FTM-A8	Human Physiology-II	DSC FTM-B8	Computer Basics and Applications –II
AECC – A	English – I	AECC – B	English – II

Practical

DSC FTM-P1	Lab Course I (Based on DSC FTM-A3 & DSC FTM-A4)	DSC FTM-P3	Lab Course III (Based on DSC FTM-B5 & DSC FTM-B6)
DSC FTM-P2	Lab Course II (Based on DSC FTM-A5 & DSC FTM-A6)	DSC FTM-P4	Lab Course IV (Based on DSC FTM-B7 & DSC FTM-B8)

DSC FTM: - Discipline Specific Core Course Food technology and  
Management

AECC: - Ability Enhancement Compulsory Course: Compulsory English

ii) B.Sc. FTM Part 2 (Sem III & IV)

Course code	Name of Course	Course code	Name of Course
<b>Sem III</b>		<b>Sem IV</b>	
<b>DSC FTM-C1</b>	Grain Science and Technology - I	<b>DSC FTM-D1</b>	Processing and Preservation of Fruits and Vegetables-I
<b>DSC FTM-C2</b>	Grain Science and Technology - II	<b>DSC FTM-D2</b>	Processing and Preservation of Fruits and Vegetables-II
<b>DSC FTM-C3</b>	Post Harvest Technology –I	<b>DSC FTM-D3</b>	Food Biochemistry-I
<b>DSC FTM-C4</b>	Post Harvest Technology –II	<b>DSC FTM-D4</b>	Food Biochemistry-II
<b>DSC FTM-C5</b>	Industrial and Agri Business Management- I	<b>DSC FTM-D5</b>	Food Packaging -I
<b>DSC FTM-C6</b>	Industrial and Agri Business Management- II	<b>DSC FTM-D6</b>	Food Packaging -II
<b>AECC – C</b>	Environmental Studies (Theory)	<b>AECC – D</b>	Environmental Studies (Project)

**AECC-C: - Ability Enhancement Compulsory Course: Environmental Studies**

**Practical**

<b>DSC FTM-P5</b>	Lab Course V (Based on DSC FTM-C1 & DSC FTM-C2, DSC FTM-D5 & DSC FTM-D6)	<b>DSC FTM-P7</b>	Lab Course VII (Based on DSC FTM-D3 & DSC FTM-D4)
<b>DSC FTM-P6</b>	Lab Course VI (Based on DSC FTM-D1 & DSC FTM-D2, DSC FTM-C3 & DSC FTM-C4)		

iii) B. Sc. FTM Part 3 (Sem V & VI)

**Discipline Specific Elective (DSE)**

Course code	Name of Course	Course code	Name of Course
Sem V		Sem VI	
DSE FTM-E1	Animal Product Technology-I	DSEFT M-F1	Animal Product Technology-II
DSE FTM-E2	Bakery and Confectionery –I	DSE FTM-F2	Bakery and Confectionery –II
DSE FTM-E3	Food Quality Control, Safety and Waste Management-I	DSE FTM-F3	Food Quality Control, Safety and Waste Management-II
DSE FTM-E4	Beverage Technology-I	DSE FTM-F4	Beverage Technology-II
AECC – E	English – III	AECC – F	English – IV

**Practical**

DSE FTM-P8	Lab Course VIII (Based on DSE FTM-E2 & DSC FTM-F2)	DSE FTM-P10	Lab Course X (Based on DSE FTM-E4 & DSC FTM-F4)
DSE FTM-P9	Lab Course IX (Based on DSE FTM-E3 & DSC FTM-F3)	DSE FTM-P11	Project

**Semester I**  
**FOOD SCIENCE – Paper I**  
**(DSC FTM-A1 – Food Science I)**  
**Credits 2 (Marks 50) Hours 30, 37.5 Lectures of 48 minutes**

Unit – I	Hours Alloted
<p><b>Introduction to Food Science</b></p> <ul style="list-style-type: none"> <li>• Definition &amp; Function of food</li> <li>• Basic food groups by ICMR</li> <li>• Classification of food</li> <li>• Cooking &amp; Objectives of cooking</li> <li>• Methods of Cooking- Conduction, Convection &amp; radiation</li> <li>• Microwave Cooking</li> <li>• Solar Cooking</li> <li>• Classification of Cooking method- Moist, Dry &amp; Combination methods</li> </ul> <p><b>Food Preparation</b></p> <ul style="list-style-type: none"> <li>• Definition</li> <li>• Preliminary Treatments</li> <li>• Cleaning-wet and dry</li> <li>• Sorting and grading- Shape, size and colour</li> <li>• Peeling- Flash, steam, knife, abrasion, caustic and flame peeling.</li> </ul> <p><b>Cereals</b></p> <ul style="list-style-type: none"> <li>• Introduction &amp; Definition</li> <li>• Structure</li> <li>• Composition and Nutritive Value</li> <li>• Important Cereals</li> <li>• Storage of cereals</li> <li>• Role of cereals in cookery</li> </ul>	15
Unit – II	
<p><b>Pulses</b></p> <ul style="list-style-type: none"> <li>• Introduction &amp; Definition</li> <li>• Structure</li> <li>• Composition and Nutritive Value</li> <li>• Important Pulses</li> <li>• Processing of pulses</li> <li>• Pulse cookery</li> <li>• Factors affecting cooking quality</li> <li>• Role of pulses in cookery</li> </ul> <p><b>Nuts</b></p>	

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# **SHIVAJI UNIVERSITY, KOLHAPUR.**



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Accredited By NAAC with 'A' Grade

**CHOICE BASED CREDIT SYSTEM**

**Syllabus For**

**B. A. (DMFC) Part - I**

**Dress Making & Fashion Coordination  
(Entire)**

**SEMESTER I AND II**

**(Syllabus to be implemented from June, 2019 onwards.)**

*Final*



Estd. 1962  
NAAC 'A' Grade  
MHRD NIRF-28<sup>th</sup> Rank

SHIVAJI UNIVERSITY, KOLHAPUR-416 004, MAHARASHTRA  
PHONE : EPABX-2609000 website- [www.unishivaji.ac.in](http://www.unishivaji.ac.in)  
FAX 0091-0231-2691533 & 0091-0231-2692333 - BOS - 2609004  
शिवाजी विद्यापीठ, कोल्हापूर - 416004.  
दूरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळ विभाग- २६०९००४)  
फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३ e-mail: [bos@unishivaji.ac.in](mailto:bos@unishivaji.ac.in)

SU/BOS/IDS/6118

Date: 17/06/2019

To,

The Principal,  
All Affiliated  
Colleges/Institutions.  
Shivaji University, Kolhapur

**Subject:** Regarding syllabi of B. A. Part I (Dress Making and Fashion Co-ordination) programme under the Faculty of Inter-Disciplinary Studies.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi. Nature of question paper and equivalence of B.A. Part-I (Dress Making and Fashion Co-ordination) Programme under the Faculty of Inter-Disciplinary Studies.

This syllabi and equivalence shall be implemented from the academic year 2019-2020 (i.e. from June 2019) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website [www.unishivaji.ac.in](http://www.unishivaji.ac.in). (Online Syllabus)

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October/November 2019 & March/April 2020. These chances are available for repeater students, if any.

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,

Dy Registrar

Copy to:

1	The Dean, Faculty of IDS	6	Appointment Section
2	The Chairman, Respective Board of Studies	7	Computer Centre
3	O.E. I, II, III, Section	8	Affiliation Section (U.G.)
4	Eligibility Section	9	Affiliation Section (P.G.)
5	P.G.Seminar Section	10	P.G.Admission Section

## COURSE STRUCTURE B.A. (DMFC) SEM-I

SR.NO	SUBJECTS	TEACHING SCHEME					
		THEORY			PRACTICAL		
		CREDITS	NUMBERS OF LECTURES	HOURS	CREDITS	NUMBERS OF LECTURES	HOURS
AECC - A	Communication skills for self employed	2	03	2.4	---	---	---
DSC DFC - A1	Introduction to Textile Science	3	04	3.2	1	03	2.4
DSC DFC - A2	Sewing Technology	2	03	2.4	1	03	2.4
DSC DFC - A3	Pattern Drafting	2	03	2.4	1	03	2.4
DSC DFC - A4	Textile and Apparel Designing	3	04	3.2	2	04	3.2
CGE DFC - A5	Needle Craft	---	---	---	2	04	3.2
DSC DFC - A6	Garment Construction	---	---	---	3	06	4.8
	<b>TOTAL</b>	12	17	13.6	10	23	18.4
	<b>TOTAL CREDITS</b>	22					
	<b>TOTAL HOURS</b>	32					

DSC – Discipline Specific Core Course

AECC – Ability Enhancement Compulsory Course (A)

CGE – Compulsory Generic Elective

## COURSE STRUCTURE B.A. (DMFC) SEM-II

SR.NO	SUBJECTS	TEACHING SCHEME					
		THEORY			PRACTICAL		
		CREDITS	NUMBERS OF LECTURES	HOURS	CREDITS	NUMBERS OF LECTURES	HOURS
AECC - B	Communication skills for self employed	2	03	2.4	---	---	---
DSC DFC - B1	Introduction to Textile Science	3	04	3.2	1	03	2.4
DSC DFC - B2	Sewing Technology	2	03	2.4	1	03	2.4
DSC DFC - B3	Pattern Drafting	2	03	2.4	1	03	2.4
DSC DFC - B4	Textile and Apparel Designing	3	04	3.2	2	04	3.2
CGE DFC - B5	Needle Craft	---	---	---	2	04	3.2
DSC DFC - B6	Garment Construction	---	---	---	3	06	4.8
	<b>TOTAL</b>	12	17	13.6	10	23	19.4
	<b>TOTAL CREDITS</b>	22					19.4
	<b>TOTAL HOURS</b>	32					

DSC – Discipline Specific Core Course

AECC – Ability Enhancement Compulsory Course (B)

CGE – Compulsory Generic Elective

## COURSE STRUCTURE BDFC SEM-IV

SR.NO	SUBJECTS	TEACHING SCHEME					
		THEORY			PRACTICAL		
		CREDITS	NUMBERS OF LECTURES	HOURS	CREDITS	NUMBERS OF LECTURES	HOURS
AECC - D	Environmental Studies	---	---	---	---	---	---
DSC DFC - D1	Clothing Culture	2	03	2.4	---	---	---
DSC DFC - D2	Textile Art & wet Processing	3	04	3.2	1	03	2.4
DSC DFC - D3	Traditional Indian Textile	3	04	3.2	1	03	2.4
DSC DFC - D4	Apparel Designing	2	04	3.2	2	04	3.2
DSC DFC - D5	Basic Computers	2	03	2.4	1	02	1.6
CGE DFC - D6	Pattern Layout	---	---	---	2	04	3.2
DSC DFC - D7	Garment Construction	---	---	---	3	06	4.8
	<b>TOTAL</b>	12	18	14.4	10	22	17.6
	<b>TOTAL CREDITS</b>	22					
	<b>TOTAL HOURS</b>	32					

DSC – Discipline Specific Core Course

AECC – Ability Enhancement Compulsory Course (D)

CGE – Compulsory Generic Elective

EVS – Environmental Studies

## COURSE STRUCTURE B.A. (DMFC) SEM-III

SR.NO	SUBJECTS	TEACHING SCHEME					
		THEORY			PRACTICAL		
		CREDITS	NUMBERS OF LECTURES	HOURS	CREDITS	NUMBERS OF LECTURES	HOURS
AECC - C	Environmental Studies	----	-----	-----	---	---	---
DSC DFC - C1	Clothing Culture	2	03	2.4	---	---	---
DSC DFC - C2	Textile Art & wet Processing	3	04	3.2	1	03	2.4
DSC DFC - C3	Traditional Indian Textile	3	04	3.2	1	03	2.4
DSC DFC - C4	Apparel Designing	2	04	3.2	2	04	3.2
DSC DFC - C5	Basic Computers	2	03	2.4	1	02	1.6
CGE DFC - C6	Pattern Layout	---	---	---	2	04	3.2
DSC DFC - C1	Garment Construction	---	---	---	3	06	4.8
	<b>TOTAL</b>	12	18	14.4	10	22	17.6
	<b>TOTAL CREDITS</b>	22					
	<b>TOTAL HOURS</b>	32					

DSC – Discipline Specific Core Course

AECC – Ability Enhancement Compulsory Course (C)

CGE – Compulsory Generic Elective

EVS – Environmental Studies

## COURSE STRUCTURE BDFC SEM-V

SR.NO	SUBJECTS	TEACHING SCHEME					
		THEORY			PRACTICAL		
		CREDITS	NUMBERS OF LECTURES	HOURS	CREDITS	NUMBERS OF LECTURES	HOURS
DSC DFC E1	World Costumes	2	03	2.4	---	---	---
DSC DFC E2	Fashion Merchandising	2	04	3.2	---	---	---
DSC DFC E3	Apparel Production & Quality Control	2	04	3.2	---	---	---
DSC DFC E4	Management & Entrepreneurship Skills	2	03	2.4	---	---	---
DSC DFC E5	Apparel Designing	2	03	2.4	2	04	3.2
DSC DFC E6	Computer Aided Designing	2	03	2.4	2	04	3.2
DSC DFC E7	Garment Construction	---	---	---	2	04	3.2 <del>4.8</del>
CGE DFC E8	Fashion Reading & Pattern Grading	---	---	---	2	04	3.2
CGE DFC E8	Internship Report/Project/ Assignment/ Displays	---	---	---	2	04	3.2
	<b>TOTAL</b>	12	20	16	10	20	16
	<b>TOTAL CREDITS</b>	22					
	<b>TOTAL HOURS</b>	32					

DSC – Discipline Specific Core Course

CGE – Compulsory Generic Elective

## COURSE STRUCTURE BDFC SEM-VI

SR.NO	SUBJECTS	TEACHING SCHEME					
		THEORY			PRACTICAL		
		CREDITS	NUMBERS OF LECTURES	HOURS	CREDITS	NUMBERS OF LECTURES	HOURS
DSC DFC F1	World Costumes	2	03	2.4	---	---	---
DSC DFC F2	Fashion Merchandising	2	03	2.4	---	---	---
DSC DFC F3	Apparel Production & Quality Control	2	03	2.4	---	---	---
DSC DFC F4	Management & Entrepreneurship Skills	2	03	2.4	---	---	---
DSC DFC F5	Apparel Designing	2	03	2.4	2	04	3.2
DSC DFC F6	Computer Aided Designing	2	03	2.4	2	04	3.2
DSC DFC F7	& Garment Construction	---	---	---	2	04	3.2
CGE DFC F8	Fashion Reading & Pattern Grading	---	---	---	2	04	3.2
CGE DFC F9	Internship Report/Project/ Assignment/ Displays	---	---	---	2	04	3.2
	<b>TOTAL</b>	12	18	16.8	10	20	16
	<b>TOTAL CREDITS</b>	22					
	<b>TOTAL HOURS</b>	32					

DSC – Discipline Specific Core Course

CGE – Compulsory Generic Elective

# EXAMINATION SCHEME B. A. (DMFC)-I SEM-I

CODE & SUBJECT TITLE		THEORY				PRACTICAL					TOTAL MARKS	TOTAL CREDITS
		EXAM HRS	TOTAL	MIN		EXAM HRS	MARKS	TOTAL	MIN			
AECC - A	Communication skills for self employed	2	50	20							50	2
DSC DFC A1	Introduction to Textile Science	THEORY	2	50	20						50	2
		PRACTICAL	---	---	---							
DSC DFC A2	Sewing Technology	THEORY	2	50	20						50	2
		PRACTICAL	---	---	---							
DSC DFC A3	Pattern Drafting	THEORY	2	50	20						50	2
		PRACTICAL	---	---	---							
DSC DFC A4	Textile and Apparel Designing	THEORY	2	50	20						50	2
		PRACTICAL	---	---	---							
DSC DFC A5	Needle Craft	PRACTICAL	---	---	---						---	---
---	Garment Construction	PRACTICAL		---	---							
	TOTAL										250	10

PRACTICAL EXAMINATION IS ANNUAL

# EXAMINATION SCHEME B.A. (DMFC)-I SEM-II

CODE & SUBJECT TITLE		THEORY				PRACTICAL			Termwork		TOTAL MARKS	TOTAL CREDITS
		EXAM HRS	Total	MIN	EXAM HRS	Practical	MIN		Marks	Min		
AECB - B	Communication skills for self employed	2	50	20	----	----	----	----	----	----	50	2
DSC DFC B1	Introduction to Textile Science	2	50	20	----	----	----	----	----	----	150	4
		----	----	----	3	50	20	50	20	20		
DSC DFC B2	Sewing Technology	2	50	20	----	----	----	----	----	----	100	3
		----	----	----	----	----	----	50	20	20		
DSC DFC B3	Pattern Drafting	2	50	20	----	----	----	----	----	----	100	3
		----	----	----	----	----	----	50	20	20		
DSC DFC B4	Textile and Apparel Designing	2	50	20	----	----	----	----	----	----	150	5
		----	----	----	3	50	20	50	20	20		
CGE DFC B5	Needle Craft	----	----	----	3	50	20	50	20	20	100	2
DSC DFC B6	Garment Construction	----	----	----	6	50	20	50	20	20	100	3
	TOTAL										750	22

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# EXAMINATION SCHEME B.A. (DMFC)- II SEM-III

CODE & SUBJECT TITLE		THEORY			PRACTICAL				TOTAL MARKS	TOTAL CREDITS
		EXAM HRS	TOTAL	MIN	EXAM HRS	MARKS	INT	EXT		
AECC - C	Environmental studies	2	50	20					50	2
DSC DFC C1	THEORY	2	50	20					PRACTICAL EXAMINATION IS ANNUAL	2
	PRACTICAL	---	---	---						
DSC DFC C2	THEORY	2	50	20						
	PRACTICAL	---	---	---						
DSC DFC C3	THEORY	2	50	20						
	PRACTICAL	---	---	---						
DSC DFC C4	THEORY	2	50	20						
	PRACTICAL	---	---	---						
DSC DFC C5	THEORY	2	50	20						
	PRACTICAL	---	---	---						
CGE DFC C6	Pattern Layout	---	---	---					50	2
DSC DFC C7	Garment Construction	---	---	---					---	---
	TOTAL		250						300	10

250

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## 1.2.1°

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# EXAMINATION SCHEME B.A. (DMFC)- III SEM-VI

CODE & SUBJECT TITLE		THEORY			PRACTICAL			Termwork		TOTAL MARKS	TOTAL CREDITS
		EXAM HRS	TOTAL	MIN	EXAM HRS	Practical	Min	TOTAL	MIN		
DSC DFC F1	World Costumes	2	50	20	---	---	---			50	2
DSC DFC F2	Fashion Merchandising	2	50	20	---	---	---			100	2
		---	---	---	---	---	---	50	20		
DSC DFC F3	Apparel Production Quality Control	2	50	20	---	---	---			50	2-3
		---	---	---	---	---	---				
DSC DFC F4	Management & Entrepreneurship	2	50	20	---	---	---			50	2-3
		---	---	---	---	---	---				
DSC DFC F5	Apparel Designing	2	50	20	---	---	---			150	6-5 (2-10)
		---	---	---	3	50	20	50	20		
DSC DFC F6	Computer Aided Designing	2	50	20	3	50	20	50	20	150	6-2
DSC DFC F7	Pattern Grading & Garment Construction	---	---	---	3	50	20	50	20	100	4-2
CGE DFC F8	Fashion Reading & Pattern Grading	---	---	---	---	---	---	50	20	50	2
CGE DFC F9	Internship Report	---	---	---	3	200	80			200	2
	TOTAL		250							850	22

*Final*



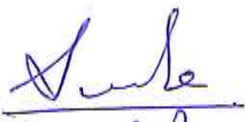
# Shivaji University, Kolhapur

## Choice Based Credit System (CBCS)

Bachelor of Commerce (B. Com.)-Bank Management Program

## Faculty of Commerce and Management

(To be implemented from Academic Year 2019-20)

  
Sharmal Poojar  
Coordinator  
B. Com (Bank Mgmt)



SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA  
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 शिवाजी विद्यापीठ, कोल्हापूर - 416004.  
 दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळी विभाग- २६०९०९४)  
 फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

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Ref./SU/BOS/Com & Mgmt./

No 8927 -

Date : 28/08/2019 - ९

To,

The Principal  
 All Affiliated Concerned Colleges  
 Shivaji University, Kolhapur

28 AUG 2019

**Subject : Regarding syllabi of B. Com. Part-I Business Management (Entire) and Bank Management (Entire) Choice Based Credit System (CBCS) degree programme under the Faculty of Commerce & Management.**

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the University authorities have accepted and granted approval to the revised syllabi of B. Com. Part-I Business Management (Entire) (Sem. I & II) and B. Com. Part-I Bank Management (Entire) (Sem. I & II) Choice Based Credit System (CBCS) under the Faculty of Commerce & Management.

This syllabi shall be implemented from the academic year 2019-2020 (i.e. from June, 2019) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website [www.unishivaji.ac.in](http://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]*  
 Dr. Registrar

Encl : As above

Copy to,

- |   |   |                                       |
|---|---|---------------------------------------|
| 1. I/c Dean, Faculty of Commerce & Management           | } | for information                       |
| 2. Chairman, BOS under Faculty of Commerce & Management |   |                                       |
| 3. Director, BOEE                                       | } | for information and necessary action. |
| 4. Appointment Section                                  |   |                                       |
| 5. P. G. Admission Section                              |   |                                       |
| 6. B. Com. Section                                      |   |                                       |
| 7. Affiliation Section (U.G./P.G.)                      |   |                                       |
| 8. Computer Center/I.T.                                 |   |                                       |
| 9. Eligibility Section                                  |   |                                       |
| 10. Distance Education                                  |   |                                       |
| 11. P.G. Seminar Section                                |   |                                       |

## CBCS R.B.Com. 2: i) Structure of B. Com. Bank Management Programme Sem I &amp; 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 lectur es	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 lectur es	Hour s	Credit s		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	30 Marks Project Total 100 Marks.
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 &amp; II

Semester I		Semester II	
Course Code	Course (Subject)	Course Code	Course (Subject)
Core course			
CC-A1	Accountancy Paper-I	CC-A2	Accountancy Paper-II
CC-A3	Principles of Business Management	CC-A4	Principles of Marketing
CC-A5	Business Economics Paper-I	CC-A6	Business Economics Paper-II
GEC-A1	Impression Management Paper-I	GEC- A2	Impression Management Paper-II (Business Communication)
GEC- B1	Bank Management Paper-I (Principles and practices of banking)	GEC-B2	Bank Management Paper-III (Central Banking)
AECC-C1	Bank Management Paper-II (Rural & Social Banking)	AECC- C2	Bank Management Paper-IV (Agriculture & Co-operative Banking)
	<b>A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC)</b> <b>For Sem V: CCC – II :</b> Constitution of India and Local Self Government		<b>B) Non-Credit Self Study Course : Skill Development Courses (SDC)</b> <b>For Sem II: SDC – I :</b> 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

## 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 &amp; IV

Semester III		Semester IV	
Course Code	Course (Subject)	Course Code	Course (Subject)
<b>Core course</b>			
CC-B1	Accountancy Paper-III (Accounting for Bank Managers)	CC-B2	Accountancy Paper-IV (Bank audit and Reporting)
CC-B3	Human Resource Management	CC-B4	Organizational Behaviour
CC-B5	Business Economics Paper-III (Recent Trends in Indian Economy)	CC-B6	Business Economics Paper-IV (Recent Trends in Banking)
CC-B7	Business Mathematics & Statistics	CC-B8	Research Methodology
AECC-C3	Bank Management Paper-V (Corporate Banking)	AECC-C4	Bank Management Paper-VII (International Banking)
AECC-C5	Bank Management Paper-VI (Retail Banking)	AECC-C6	Bank Management Paper-VIII (Development Banks)
			SEC-II Any one from following (vi) to (x) (Non-Credit) vi) Interview & Personal Presentation Skill vii) Entrepreneurship Development viii) Travel & Tourism ix) E-Banking & Financial Services x) RTI & Human Right Education (HRE), IPR & Patents
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 &amp; VI

Semester V		Semester VI	
Course Code	Course (Subject)	Course Code	Course (Subject)
<b>Core course</b>			
CC-C1	Entrepreneurship Development	CC-C2	Modern Management Practices
CC-C3	Bank Management Paper-IX (Indian Banking Environment)	CC-C4	Bank Management Paper-XIV (Foreign Exchange and Foreign Trade Finance)
CC-C5	Bank Management Paper-X (Bank Technology in India)	CC-C6	Bank Management Paper-XV (Treasury Management)
CC-C7	Bank Management Paper-XI (Credit and Risk Management)	CC-C8	Bank Management Paper-XVI (Product Development)
DSE-A1	Bank Management Paper-XII (Project Report and Viva voce)	DSE-A3	Bank Management Paper-XVII (Banking and Cyber Laws)
DSE-A2	Bank Management Paper-XIII (Financial Markets and Services)	DSE-A4	Bank Management Paper-XVIII (Project Appraisal and Monitoring)
	(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:

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

  
 Sharmal Pawan  
 Coordinator  
 B.Com (Bank Mgmt)



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दुरध्वनी (ईपीएक्स) २६०९००० (अभ्यास मंडळ विभाग- २६०९०९४)  
फैक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

22

Ref./SU/BOS/Com & Mgmt./

No 8927 -

Date : 28/08/2019 - १

To,

28 AUG 2019

The Principal  
All Affiliated Concerned Colleges  
Shivaji University, Kolhapur

**Subject : Regarding syllabi of B. Com. Part-I Business Management (Entire) and Bank Management (Entire) Choice Based Credit System (CBCS) degree programme under the Faculty of Commerce & Management.**

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the University authorities have accepted and granted approval to the revised syllabi of B. Com. Part-I Business Management (Entire) (Sem. I & II) and B. Com. Part-I Bank Management (Entire) (Sem. I & II) Choice Based Credit System (CBCS) under the Faculty of Commerce & Management.

This syllabi shall be implemented from the academic year 2019-2020 (i.e. from June, 2019) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website [www.unishivaji.ac.in](http://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,

Dr. Registrar

Encl : As above

Copy to,

1. I/c Dean, Faculty of Commerce & Management
  2. Chairman, BOS under Faculty of Commerce & Management
  3. Director, BOEE
  4. Appointment Section
  5. P. G. Admission Section
  6. B. Com. Section
  7. Affiliation Section (U.G./P.G.)
  8. Computer Center/I.T.
  9. Eligibility Section
  10. Distance Education
  11. P.G. Seminar Section
- for information
- for information and necessary action.



**Shivaji University, Kolhapur**

**Choice Based Credit System (CBCS)**

**Bachelor of Commerce (B. Com.)-Business  
Management (Entire) Program**

**Faculty of Commerce and Management**

**(To be implemented from Academic Year 2019-20)**

**Shivaji University, Kolhapur**  
**Faculty of Commerce & Management**  
**BACHELOR OF COMMERCE (B.COM.) (BUSINESS MANAGEMENT)**  
**Course Structure under Choice Based Credit System (CBCS)**

**1. Title :** The degree shall be titled as 'Bachelor of Business Administration' under the faculty of commerce with effect from the academic year

**B.Com. (Business Management). Sem I & II from Academic Year 2019-20**

**B.Com. (Business Management). Sem III & IV from Academic Year 2020-21**

**B.Com. (Business Management). Sem V & VI from Academic Year 2021-22**

**2. Objectives:**

**Program Specific Outcomes**

After completing the B.Com. (Business Management) course the students would be able to:

1. Imbibe the professional qualities of a manager and apply the knowledge while working with various managing departments.
2. Explore the entrepreneurial potential.
3. Prepare students to undertake post graduation management programme.

**Program Outcomes:**

After completing the B.Com. (Business Management) course the students would be able to:

1. Identify the different elements of management arena and recognize different opportunities in the business.
2. Acquire the different skills required by a manager.
3. Identify the managerial challenges and inculcate the capability to cope with the spontaneous changes.
4. Understand the importance of research
5. Develop effective communication skills and with the use of appropriate technology.

**3. Pattern of CBCS:** the pattern for the purpose of Semester end examination shall be as mentioned below:

**I. B.COM. (BUSINESS MANAGEMENT) Sem I & II:** 50 marks University Semester end examination for each paper in each semester.

**II. B.COM. (BUSINESS MANAGEMENT). Sem III & IV:** 50 marks University Semester end examination for each paper in each semester except Environmental Studies. Only for Environment studies in Semester IV, 70 marks shall be for University examination for Theory paper and 30 marks for Project work.

**III. B.COM. (BUSINESS MANAGEMENT). Sem V & VI:** 40 marks University Semester end examination and 10 marks internal examination for each theory paper in each semester

**Compulsory Civic Course (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 (non-credit)

Sem V : CCC-II: Constitution of India and Local Skill Development (noncredit)

**Skill Enhancement Course (SEC)**

For Sem II and Sem VI there shall be Compulsory Skill Enhancement Courses under self Study Mode which are as follows:

Sem II : SEC-I : Any one from following (i) to (v) (Non-Credit)

i) Business Communication & Presentation ii) Event Management iii)

- Personality Development iv) Yoga & Physical Management  
v) Resume, Report & Proposal Writing

Sem IV : SEC-II Any one from following (vi) to (x) (Non-Credit)  
vi) Interview & Personal Presentation Skill vii) Entrepreneurship  
Development viii) Travel & Tourism ix) E-Banking & Financial  
Services x) RTI & Human Right Education (HRE), IPR & Patents

- These courses are of self study mode. The study material of all above courses will be made available on University Website.
- 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.
- The duration of examination shall be 60 minutes
- The examination shall be conducted at the college level
- The list of all candidates along with marks is to be submitted by the Principal to the University
- The degree will be awarded only after successful completion of these courses
- The performance of students regarding Non-Credit Courses (CCC & SEC) shall be separately mentioned in Result sheet as Pass or Fail

**4. Credit distribution chart for B.COM. (BUSINESS MANAGEMENT) Program with Course Code**

Course Name	Total Courses (Papers)	Total Credits	% in Total Course
CC: Core Course	22	88	59
AECC: Ability Enhancement	7	28	19
GEC: Generic Elective Courses	4	16	11
DSE: Discipline Specific Elective	4	16	11
Total	37	148	100

**5. Duration**

1. The program shall be a Full Time program.
2. The duration of program shall be three years.
3. The program shall be run on self supporting basis.
4. Student has to complete the program within six years i.e. 3+3 years.

**6. Number of Students:**

A batch shall consist of not more than 60 students

**7. Eligibility:**

As per Ordinance – O. B. Com. 1.

**8. Medium of Instruction:**

The medium of instructions shall be in English.

**9. Teachers Qualification:**

As per rules and regulations of Shivaji University, Kolhapur and Govt. Of Maharashtra

**10. Scheme of Examination:**

B.COM. (BUSINESS MANAGEMENT), Program will be conducted through CBCS Semester pattern. The pattern for the purpose of Semester end examinations shall be as mentioned below:

- i. B. Com. (Business Management) Sem I & II :- 50 marks University Semester end examination for each theory paper in each Semester.
- ii. B. Com. (Business Management) 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. (Business Management) 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.

#### 11. 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)

#### 12. Standard of Passing:

I. A candidate must obtain minimum 40% of the marks in each University and internal examination paper as well as mini and major project report.

II. 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.

III. There shall be a separate head of passing in Theory and Internal examination. However, ATKIT rules shall be made applicable in respect of theory paper (University Examination) only.

IV. A candidate who fails in any number of subjects during semester – I & II shall be admitted to B.COM. (BUSINESS MANAGEMENT).-II (appear for semester –III & Semester IV examination)

V. However the candidate shall not be admitted to B.COM. (BUSINESS MANAGEMENT)- III (Semester-V) unless he/she passed in all the subjects at B.COM. (BUSINESS MANAGEMENT).-I (Semester-I & Semester-II)

VI. A candidate who fails in any number of subjects during Semester-III & IV shall be admitted for B.COM. (BUSINESS MANAGEMENT).-III & allowed to appear for Semester –V & VI examinations.

#### Gradation Chart:

Marks obtained Numerical Grade

(Grade Point)

CGPA Letter Grade

Absent 0 (Zero) - -

0-40 0 to 4 0.0 to 3.99 Fail

41-50 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 to 100 10 9.00 to 10.0 O

Outstanding

#### Note:

i) Marks obtained  $\geq 0.5$  shall be rounded off to next higher digit

ii) The SGPA & CGPA shall be rounded off to 2 decimal points

#### Calculation of SGPA & CGPA

1. Semester Grade Point Average (SGPA)

$SGPA = \frac{\text{Course credits} \times \text{Grade Points obtained}}{\text{Total course credits of respective semester}}$

2. Cumulative Grade Point Average (CGPA)

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

#### 13. Fee Structure

As per University norms

#### 14. Requirements:

##### i) Core Faculty

For First Year Sem I & Sem II - 1 Full Time Faculty

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

For Third Year Sem V & Sem VI - 1 Full Time Faculty

Total - 3 Full Time Faculties

In addition there shall be visiting faculty drawn from academicians/professionals from different fields.

The eligibility norms for the post of Assistant Professor are as per

UGC norms. As per the need additional faculty on CHB basis may be appointed to give justice to the subject.

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

iii) **Equipments and Stationary:** supply of Computers, overhead projector, necessary software, operating system, necessary stationary.

CBCS R.B.Com. 2: i) Structure of B. Com. Business Management 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	

	-	-	-					
<b>Total</b>	<b>24</b>	<b>19.2</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>300</b>	<b>----</b>	<b>-</b>
<b>Grand Total Sem I + II</b>	<b>48</b>	<b>38.4</b>	<b>48</b>	<b>-</b>	<b>-</b>	<b>600</b>	<b>----</b>	<b>-</b>

<b>CC :Core Course : All courses (subjects) are compulsory.</b>
<b>GEC : Generic Elective Course : Candidate has to select any one course (subject) from Group A &amp; one course (subject) from Group B.</b>
<b>AECC :Ability Enhancement Compulsory Course : All courses (subjects) are compulsory.</b>
<b>(A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC)</b>
<b>For Sem I: CCC – I : Democracy, Elections and Good Governance</b>
<b>(B) Non-Credit Self Study Course : Skill Development Courses (SDC)</b>
<b>For Sem II: SDC – I : Any one from following (i) to (v)</b>
<b>i) Business Communication &amp; Presentation ii) Event management iii) Personality Development, iv) Yoga &amp; Physical Management v) Resume, Report &amp; proposal writing</b>

**Structure of B. Com. Programme Sem III & IV**

<b>STRUCTURE – II</b>									
<b>SEMESTER- III - DURATION: 06 MONTHS</b>									
<b>Sr. No.</b>	<b>TEACHING SCHEME</b>					<b>EXAMINATION SCHEME</b>			
	<b>THEORY (TH)</b>				<b>PRACTICAL (PR)</b>	<b>THEORY</b>			<b>PRACTICAL</b>
	<b>Course Type</b>	<b>No. of lectures</b>	<b>Hours</b>	<b>Credits</b>	<b>-</b>	<b>PAPER HOURS</b>	<b>MAX</b>	<b>MIN</b>	<b>-</b>
1	CC-B1	4	3.2	4	<b>NO PRACTICAL</b>	2	50	18	<b>NO PRACTICAL</b>
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	-	-	-	-	-	-	-	-
<b>Total</b>		<b>24</b>	<b>19.2</b>	<b>24</b>	<b>-</b>	<b>TOTAL MARKS</b>	<b>300</b>	<b>-</b>	<b>-</b>
<b>SEMESTER- IV - DURATION: 06 MONTHS</b>									
<b>Sr. No.</b>	<b>TEACHING SCHEME</b>					<b>EXAMINATION SCHEME</b>			
	<b>THEORY (TH)</b>				<b>PRACTICAL (PR)</b>	<b>THEORY</b>			<b>PRACTICAL</b>

	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

### i) 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 lectu res	Hours	Credit s	-	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			

<b>CC : Core Course :</b> All courses (subjects) are compulsory
<b>DSE : Discipline Specific Elective :</b> 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.
<b>(A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC)</b> <b>For Sem V: CCC – II :</b> Constitution of India and Local Self Government
<b>(B) Non-Credit Self Study Course : Skill Development Courses (SDC)</b> <b>For Sem VI: SDC – II:</b> 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)
<b>Core course</b>			
CC-A1	Accountancy Paper-I	CC-A2	Accountancy Paper-II
CC-A3	Principles of Business Management-I	CC-A4	Principles of Business Management-II
CC-A5	Business Economics Paper-I	CC-A6	Business Economics Paper-II
GEC-A1	Impression Management Paper – I	GEC- A2	Impression Management Paper – II (Business Communication)
GEC- B1	Business Management Paper – I (Business Environment)	GEC-B2	Business Management Paper – III (Corporate Governance)
AECC-C1	Business Management Paper –II (Organisational Behaviour)	AECC- C2	Business Management Paper –IV (Principles of Marketing )
	<b>A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC)</b> <b>For Sem V: CCC – II :</b> Constitution of India and Local Self Government		<b>B) Non-Credit Self Study Course : Skill Development Courses (SDC)</b> <b>For Sem II: SDC – I :</b> 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

**Note :**

1. CC : Core Course : All courses (subjects) are compulsory.
2. GEC : Generic Elective Course
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)
<b>Core course</b>			
<b>CC-B1</b>	Accountancy Paper-III (Cost Accounting)	<b>CC-B2</b>	Accountancy Paper-IV (Management Accounting)
<b>CC-B3</b>	Quantitative Techniques for Business	<b>CC-B4</b>	Research Methodology
<b>CC-B5</b>	Business Regulatory Framework I	<b>CC-B6</b>	Business Analytics
<b>CC-B7</b>	Modern Management Practices	<b>CC-B8</b>	International Business
<b>AECC-C3</b>	Business Management Paper –V (Human Resource Management)	<b>AECC-C4</b>	Business Management Paper –VII (Information Technology )
<b>AECC-C5</b>	Business Management Paper –VI (Financial Management )	<b>AECC-C6</b>	Business Management Paper –VIII (Production Management )
			SEC-II Any one from following (vi) to (x) (Non-Credit) vi) Interview & Personal Presentation Skill vii) Entrepreneurship Development viii) Travel & Tourism ix) E-Banking & Financial Services x) RTI & Human Right Education (HRE), IPR & Patents
<b>AECC-EVS</b>	Environmental Studies	<b>AECC-EVS</b>	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	Entrepreneurship Development	CC-C2	Entrepreneurship Project Management
CC-C3	Business Management Paper –IX (Services Marketing)	CC-C4	Business Management Paper –XIV (Rural and Retail Marketing)
CC-C5	Business Management Paper –X (Human Resource Planning & Business Ethics)	CC-C6	Business Management Paper –XV (Banking & Portfolio Management)
CC-C7	Business Management Paper –XI (GST)	CC-C8	Business Management Paper –XVI (Human Resource Development)
DSE-A1	Business Management Paper –XII (Project Report & Viva Voce)	DSE-A3	Business Management Paper –XVII (Material Management)
DSE-A2	Business Management Paper –XIII (Management Information System)	DSE-A4	Business Management Paper –XVIII (Digital Marketing)
	(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 :**

1. **CC: Core Course:** All courses (subjects) are compulsory.
1. **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.

**B.Com. Part-I Business Management (Entire)**

**Program Structure**

Paper No	Sem-I	Paper No.	Sem-II
BM-101	Accountancy Paper – I	BM-201	Accountancy Paper – II
BM-102	Principles of Business Management-I	BM-202	Principles of Business Management-II
BM-103	Business Economics Paper-I	BM-203	Business Economics Paper-II
BM-104	Impression Management Paper – I	BM-204	Impression Management Paper – II (Business Communication)
BM-105	Business Management Paper – I (Business Environment)	BM-205	Business Management Paper – III (Corporate Governance)
BM-106	Business Management Paper –II (Organisational Behaviour)	BM-206	Business Management Paper –IV (Principles of Marketing )
BM-107	(A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC) For Sem I: CCC – I : Democracy, Elections and Good Governance	BM-207	(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

**B.Com. Part-II Business Management (Entire)**

**Course Structure**

Paper No	Sem-III	Paper No	Sem-IV
BM-301	Accountancy Paper –III (Cost Accounting)	BM-401	Accountancy Paper – IV (Management Accounting)
BM-302	Quantitative Techniques for Business	BM-402	Research Methodology
BM-303	Business Regulatory Framework I	BM-403	Business Analytics
BM-304	Modern Management Practices	BM-404	International Business
BM-305	Business Management Paper –V (Human Resource Management)	BM-405	Business Management Paper –VII (Information Technology )
BM-306	Business Management Paper –VI (Financial Management )	BM-406	Business Management Paper –VIII (Production Management )
BM-307		BM-407	SEC-II Any one from following (vi) to (x) (Non-Credit) vi)Interview &

			Personal Presentation Skill vii) Entrepreneurship Development viii) Travel & Tourism ix) E-Banking & Financial Services x) RTI & Human Right Education (HRE), IPR & Patents
<b>AECC – EVS : Ability Enhancement Compulsory Course - Environmental Studies</b>			

**B.Com. Part-III Business Management (Entire)**  
**Course Structure**

Paper No	Sem-V	Paper No	Sem-VI
BM-501	Entrepreneurship Development	BM-601	Entrepreneurship Project Management
BM-502	Business Management Paper –IX (Services Marketing)	BM-602	Business Management Paper –XIV (Rural and Retail Marketing)
BM-503	Business Management Paper –X (Human Resource Planning & Business Ethics)	BM-603	Business Management Paper –XV (Banking & Portfolio Management)
BM-504	Business Management Paper –XI (GST)	BM-604	Business Management Paper –XVI (Human Resource Development)
BM-505	Business Management Paper –XII (Project Report & Viva Voce)	BM-605	Business Management Paper –XVII (Material Management)
BM-506	Business Management Paper –XIII (Management Information System)	BM-606	Business Management Paper –XVIII (Digital Marketing)
BM-507	<b>(A) Non-Credit Self Study Course :            Compulsory Civic Courses (CCC)            For Sem V: CCC – II : Constitution of            India and Local Self Government</b>	BM-607	<b>(B) Non-Credit Self Study Course :            Skill Development Courses (SDC)            For Sem VI: SDC – II: Any one from            following (vi) to (x)            vi) Interview &amp; Personal Presentation            Skill, vii) Entrepreneurship            Development Skill, viii) Travel &amp;            Tourism, ix) E-Banking &amp; Financial            Services, x) RTI &amp; Human Right            Education (HRE), IPR &amp; Patents</b>

# SHIVAJI UNIVERSITY, KOLHAPUR.



\*\*\*\*\*

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CHOICE BASED CREDIT SYSTEM


Syllabus For

**B.Sc. Part - I**

**Environment Science (Entire)**

SEMESTER I AND II

(Syllabus to be implemented from June, 2019 onwards)

  
S.A. Chavan  
Dept. of Env. Sci. I



Estd. 1962  
NAAC 'A' Grade

SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA  
PHONE : EPABX-2609000 website- [www.unishivaji.ac.in](http://www.unishivaji.ac.in)  
FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094  
शिवाजी विद्यापीठ, कोल्हापूर – 416004.  
दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)  
फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

SU/BOS/Science/8644

Date: 20/08/2019

To,

The Principal,  
College of Non-Conventional Vocational Courses for Woman,  
SIBER, Kolhapur.

**Subject:** Regarding syllabi and Structure of B.Sc. Part- I Environmental Science (Entire)  
CBCS (Sem.I & II) degree programme under the Faculty of Science and  
Technology

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi, Structure, Subject list, Nature of question paper of **B.Sc. Part- I Environmental Science (Entire) under the Faculty of Science and Technology.**

This syllabi, Structure, Subject list, Nature of question paper shall be implemented from the academic year 2019-2020 (i.e. from June 2019) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website [www.unishivaji.ac.in](http://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

Copy to:

1	The Dean, Faculty of Science & Technology	7	Appointment Section
2	Director, Board of Examinations and Evaluation	8	P.G.Seminar Section
3	The Chairman, Respective Board of Studies	9	Computer Centre/IT Cell
4	B.Sc. Exam	10	Affiliation Section (P.G./U.G.)
5	Eligibility Section	11	Affiliation Section (T-II)
6	O.E. I Section	12	P.G.Admission Section

## Structure of Program and List of Courses are as follows:

### **Structure of B. Sc. Environment Science (Entire) Programme Semester I & II** **Structure-I**

S E M E S T E R – I (Duration – 6 Months)														
Sr. No.	Course (Subject) Title	TEACHING SCHEME						EXAMINATION SCHEME						
		THEORY			PRACTICAL			THEORY				PRACTICAL		
		Credits	No. of lectures	Hours	Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min
1	DSC-A1	2	5	4	2	4	3.2	2	50	100	35	PRACTICAL EXAMINATION IS ANNUAL		
2	DSC-A2	2						2	50					
3	DSC-A3	2	5	4	2	4	3.2	2	50	100	35			
4	DSC-A4	2						2	50					
5	DSC-A5	2	5	4	2	4	3.2	2	50	100	35			
6	DSC-A6	2						2	50					
7	DSC-A7	2	5	4	2	4	3.2	2	50	100	35			
8	DSC-A8	2						2	50					
9	AECC-A	2	4	3.2	----	----	-----	2	50	50	18			
Total		18	24	19.2	8	16	12.8	-		450				
S E M E S T E R – II (Duration – 6 Months)														
1	DSC-B1	2	5	4	2	4	3.2	2	50	100	35	As per BOS Guide-lines	50	18
2	DSC-B2	2						2	50				50	18
3	DSC-B3	2	5	4	2	4	3.2	2	50	100	35		50	18
4	DSC-B4	2						2	50				50	18
5	DSC-B5	2	5	4	2	4	3.2	2	50	100	35		50	18
6	DSC-B6	2						2	50				50	18
7	DSC-B7	2	5	4	2	4	3.2	2	50	100	35		50	18
8	DSC-B8	2						2	50				50	18
9	AECC-B	2	4	3.2	-----	-----	-----	2	50	50	18			
Total		18	24	19.2	8	16	12.8	-		450		200		
Grand Total		36	48	38.4	16	32	25.6			900				
• Student contact hours per week : 32 Hours (Min.)														
• Theory and Practical Lectures : 48 Minutes Each														
• DSC – Discipline Specific Core course: All papers are compulsory.														
• AECC – Ability Enhancement Compulsory Course (A & B)- English														
• Practical Examination will be conducted annually for 50 Marks per course (subject).														
• There shall be separate passing for theory and practical courses.														
(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														

1.2.1

**Structure of B. Sc. Environment Science (Entire) Programme Sem III & IV**  
**Structure – II**

S E M E S T E R – III (Duration – 6 Months)														
Sr. No.	Course (Subject ) Title	TEACHING SCHEME						EXAMINATION SCHEME						
		THEORY			PRACTICAL			THEORY				PRACTICAL		
		Credits	No. of lectures	Hours	Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min
1	DSC-C1	2	3	2.4	4	8	6.4	2	50	100	35	PRACTICAL EXAMINATION IS ANNUAL		
2	DSC-C2	2	3	2.4				2	50					
3	DSC-C3	2	3	2.4	4	8	6.4	2	50	100	35			
4	DSC-C4	2	3	2.4				2	50					
5	DSC-C5	2	3	2.4	4	8	6.4	2	50	100	35			
6	DSC-C6	2	3	2.4				2	50					
7	AECC-C	4	4	3.2	---	---	---			---	---			
	TOTAL	16	22	17.6	12	24	19.2			300	---			
S E M E S T E R – IV (Duration – 6 Months)														
1	DSC-D1	2	3	2.4	4	8	6.4	2	50	100	35	As per BOS Guide-lines	100	35
2	DSC-D2	2	3	2.4				2	50					
3	DSC-D3	2	3	2.4	4	8	6.4	2	50	100	35		100	35
4	DSC-D4	2	3	2.4				2	50					
5	DSC-D5	2	3	2.4	4	8	6.4	2	50	100	35		100	35
6	DSC-D6	2	3	2.4				2	50					
7	AECC- C AECC- D	---	---	---	---	---	---	3	70 30	100	25 10	---	---	---
	TOTAL	12 28	18 40	14.4 32	12 24	24 48	19.2 38.4			400 700	---	---	300	
<ul style="list-style-type: none"><li>• Student contact hours per week : 32 Hours (Min.)</li><li>• Theory and Practical Lectures : 48 Minutes Each</li><li>• DSC : - Discipline Specific Core Course : All papers are compulsory.</li><li>• AECC- Ability Enhancement Compulsory Course (C) : Environmental Studies: EVS ( Theory – 70 &amp; Project – 30 Marks)</li><li>• Practical Examination will be conducted annually for100 Marks per course (subject).</li><li>• There shall be separate passing for theory and practical courses also for Environmental Studies.</li></ul>														
<ul style="list-style-type: none"><li>• Total Marks for B.Sc.-II (Including EVS) : 1000</li><li>• Total Credits for B.Sc.-II (Semester III &amp; IV) : 52</li></ul>														

1.2.1

**Structure of B. Sc. Environment science (Entire) Programme Sem V & VI**  
**Structure – III**

S E M E S T E R – V (Duration – 6 Months)														
Sr. No.	Subject Title	TEACHING SCHEME						EXAMINATION SCHEME						
		THEORY			PRACTICAL			THEORY				PRACTICAL		
		Credits	No. of lectures	Hours	Credits	No. of lectures	Hours	Hours	Theory	Internal	Min Marks	Hours	Max Marks	Min Marks
1	DSE-E1	2	3	2.4	2	5	4	2	40	10	14+4=18	PRACTICAL EXAMINATION IS ANNUAL		
2	DSE-E2	2	3	2.4	2	5	4	2	40	10	14+4=18			
3	DSE-E3	2	3	2.4	2	5	4	2	40	10	14+4=18			
4	DSE-E4	2	3	2.4	2	5	4	2	40	10	14+4=18			
5	AECC-E	2	4	3.2	---	---	---	2	40	10	14+4=18			
TOTAL		10	16	12.8	8	20	16		200	50	---			
S E M E S T E R – VI (Duration – 6 Months)														
1	DSE-F1	2	3	2.4	2	5	4	2	40	10	14+4=18	As per BOS Guidelines	50	18
2	DSE-F2	2	3	2.4	2	5	4	2	40	10	14+4=18		50	18
3	DSE-F3	2	3	2.4	2	5	4	2	40	10	14+4=18		50	18
4	DSE-F4	2	3	2.4	2	5	4	2	40	10	14+4=18		50	18
5	AECC-F	2	4	3.2	---	---	---	2	40	10	14+4=18		---	---
TOTAL		10	16	12.8	8	20	16		200	50	---			
GRAND TOTAL		20	32	25.6	16	40	32		400	100	--	---	200	
<ul style="list-style-type: none"><li>• Student contact hours per week : 32 Hours (Min)</li><li>• Theory and Practical Lectures : 48 Min. Each</li><li>• DSE- Discipline Specific Elective : All papers are compulsory.</li><li>• AECC- Ability Enhancement Compulsory Course (E &amp; F) : English</li><li>• Practical Examination will be conducted annually for 200 Marks.</li><li>• There shall be separate passing for theory, internal and practical.</li></ul>														
<ul style="list-style-type: none"><li>• Total Marks for B.Sc.-III (Including English) : 700</li><li>• Total Credits for B.Sc.-III (Semester V &amp; VI) : 36</li></ul>														
<b>(A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC)</b> <b>For Sem V: CCC – II : Constitution of India and Local Self Government</b>														
<b>(B) Non-Credit Self Study Course : Skill Development Courses (SDC)</b> <b>For Sem VI: SDC – II:</b> 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														

12.1

**CBCS B. Sc.: Environment Science (Entire): List of courses:**

**i) B. Sc Environment Science: Part I (Sem I & II)**

Course code	Name of Course	Course code	Name of Course
<b>Sem I</b>		<b>Sem II</b>	
<b>DSC-A1</b>	Ecology & Ecosystem	<b>DSC-B1</b>	Fundamental of Environmental Pollution -2 (air & noise)
<b>DSC-A2</b>	Natural Resources	<b>DSC-B2</b>	Biological Diversity and Conservation
<b>DSC-A3</b>	Fundamentals of Geosciences	<b>DSC-B3</b>	Climate Change and Sustainable Development
<b>DSC-A4</b>	Fundamentals of Environmental pollution-1[Water]	<b>DSC-B4</b>	Forest Management
<b>DSC-A5</b>	Fundamentals of environmental Science	<b>DSC-B5</b>	Solid and Hazardous Waste management
<b>DSC-A6</b>	Soil Science	<b>DSC-B6</b>	Occupational Health & Safety
<b>DSC-A7</b>	Fundamentals of Environmental Chemisrty	<b>DSC-B7</b>	Remote sensing & GIS
<b>DSC-A8</b>	Fundamentals of Environmental Biology	<b>DSC-B8</b>	Computer Applications
<b>AECC – A</b>	English – I	<b>AECC – B</b>	English – II

**Practical**

<b>DSC-P1</b>	Lab Course I (Based on DSC-A1, DSC-A2, DSC-A3, DSC-A4 )	<b>DSC-P3</b>	Lab Course III (Based on DSC-B1, DSC-B2, DSC-B3, DSC-B4)
<b>DSC-P2</b>	Lab Course II (Based on DSC-A5, DSC-A6, DSC-A7, DSC-A8)	<b>DSC-P4</b>	Lab Course IV (Based on DSC-B5, DSC-B6, DSC-B7, DSC-B8)

DSC EVS: - Discipline Specific Core Course B.Sc. (Environment Science)

AECC: - Ability Enhancement Compulsory Course: Compulsory English

ii) **B.Sc. Environment Science:Part 2 (Sem III & IV)**

Course code	Name of Course	Course code	Name of Course
<b>Sem III</b>		<b>Sem IV</b>	
<b>DSC-C1</b>	Disaster Management-1 (Natural)	<b>DSC-D1</b>	Environmental Microbiology
<b>DSC-C2</b>	Biostatistics	<b>DSC-D2</b>	Environmental Management System & Audit
<b>DSC-C3</b>	Environmental Ethics and Environmental Issues	<b>DSC-D3</b>	Environmental Engineering - 2[waste water]
<b>DSC-C4</b>	Environmental Engineering - 1[water]	<b>DSC-D4</b>	Environmental Education & policy
<b>DSC-C5</b>	Environmental impact Assessment	<b>DSC-D5</b>	Environmental Economics
<b>DSC-C6</b>	Environmental Biotechnology	<b>DSC-D6</b>	Disaster Management-II(Man made)
<b>AECC – C</b>	Environmental Studies (Theory)	<b>AECC – D</b>	Environmental Studies (Project)

**AECC-C: - Ability Enhancement Compulsory Course: Environmental Studies**

**Practical**


<b>DSC-P5</b>	Lab Course V (Based on DSC-C1, DSC-C2, DSC-C3)	<b>DSC-P7</b>	Lab Course VII (Based on DSC-D1, DSC-D2, DSC-D3)
<b>DSC -P6</b>	Lab Course VI (Based on DSC-C4, DSC-C5, DSC-C6)	<b>DSC-P8</b>	Lab Course VIII (Based on DSC-D4, DSC-D5, DSC-D6)

iii) B. Sc. Environment Science: Part 3 (Sem V & VI)

Course code	Name of Course	Course code	Name of Course
<b>Sem V</b>		<b>Sem VI</b>	
<b>DSE-E1</b>	Land and water management	<b>DSE-F1</b>	Environmental Toxicology
<b>DSE-E2</b>	Environmental Legislation	<b>DSE-F2</b>	Ecorestoration
<b>DSE-E3</b>	Carbon Sequestration & Ecological Footprints	<b>DSE-F3</b>	Sustainable Agricultural Practices
<b>DSE-E4</b>	Wildlife Management	<b>DSE-F4</b>	Ecotourism
<b>AECC – E</b>	English – III	<b>AECC – F</b>	English – IV

**Practical**

<b>DSC-P9</b>	Lab Course IX (Based on DSC-E1, DSC-E2)	<b>DSC-P11</b>	Lab Course XI (Based on DSC-F1, DSC- F2 )
<b>DSC -P10</b>	Lab Course X (Based on DSC-E3, DSC-E4 )	<b>DSC-P12</b>	Lab Course XII (Based on DSC-F3, DSC- F4 )

  
S. A. Chavan.  
Dept. of Env. Sci.

# SHIVAJI UNIVERSITY, KOLHAPUR.



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CHOICE BASED CREDIT SYSTEM

Syllabus For

**B.Sc. Part - III**

**Environment Science (Entire)**

**SEMESTER V AND VI**

(Syllabus to be implemented from June, 2021 onwards)



Attest  
Dept. of Env. Sci.



Estd. 1962  
NAAC 'A' Grade

SHIVAJI UNIVERSITY, KOLHAPUR-416 004, MAHARASHTRA  
PHONE : EPABX-2609000 website- [www.unishivaji.ac.in](http://www.unishivaji.ac.in)  
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शिवाजी विद्यापीठ, कोल्हापूर - 416004.  
दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)  
फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

110

SU/BOS/Science/

No 00045

Date: 03 JUL 2021

To,

The Principal,  
All Affiliated Concerned Science Colleges/Institutions  
Shivaji University, Kolhapur.

Subject: Regarding syllabi of B.Sc. CBCS degree programme under the Faculty of Science and Technology

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the syllabi and Nature of question paper of B.Sc. Choice Based Credit System under the Faculty of Science and Technology.

Sr. No.	Programme/ Course
1	B.Sc. Food Technology and Managemnt (Entire) CBCS Part- III (Sem.V & VI)
2	B. Sc. Environment Science (Entire) CBCS Part- III (Sem. V & VI)
3	B.Sc. Food Science and Technology (Entire) CBCS Part- II (Sem. 3 & 4)
4	B. Sc. Pollution CBCS Part- III (Sem. V & VI)

This syllabi and nature of question paper shall be implemented from the Academic Year 2021-2022 onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website [www.unishivaji.ac.in](http://www.unishivaji.ac.in) (students Online Syllabus)

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

CNCVCW, Kolhapur

Inward No. 14.7.7

Date : 6.7.21

Directed to: B.Sc. (Entire) & B.Sc. (Part)

Remarks :

Yours faithfully,

*[Signature]*

Dy Registrar

*[Signature]* Principal *[Signature]* Clerk

Copy to:

1	The Dean, Faculty of Science & Technology	7	Appointment Section
2	Director, Board of Examinations and Evaluation	8	P.G.Seminar Section
3	The Chairman, Respective Board of Studies	9	Computer Centre
4	B.Sc. Exam	10	Affiliation Section (U.G.)
5	Eligibility Section	11	Affiliation Section (P.G.)
6	O.E. I Section	12	P.G.Admission Section



**Structure of Program and List of Courses are as follows:**

**Structure of B. Sc. Environment science (Entire) Programme Sem V & VI**

**Structure – III**

S E M E S T E R – V (Duration – 6 Months)														
Sr. No.	Subject Title	TEACHING SCHEME						EXAMINATION SCHEME						
		THEORY			PRACTICAL			THEORY				PRACTICAL		
		Credits	No. of lectures	Hours	Credits	No. of lectures	Hours	Hours	Theory	Internal	Min Marks	Hours	Max Marks	Min Marks
1	DSE-E1	2	3	2.4	2	5	4	2	40	10	14+4=18	PRACTICAL EXAMINATION IS ANNUAL		
2	DSE-E2	2	3	2.4	2	5	4	2	40	10	14+4=18			
3	DSE-E3	2	3	2.4	2	5	4	2	40	10	14+4=18			
4	DSE-E4	2	3	2.4	2	5	4	2	40	10	14+4=18			
	AECC-E	2	4	3.2	---	---	---	2	40	10	14+4=18			
	TOTAL	10	16	12.8	8	20	16		200	50	---			
S E M E S T E R – VI (Duration – 6 Months)														
1	DSE-F1	2	3	2.4	2	5	4	2	40	10	14+4=18	As per BOS Guideline s	50	18
2	DSE-F2	2	3	2.4	2	5	4	2	40	10	14+4=18		50	18
3	DSE-F3	2	3	2.4	2	5	4	2	40	10	14+4=18		50	18
4	DSE-F4	2	3	2.4	2	5	4	2	40	10	14+4=18		50	18
5	AECC-F	2	4	3.2	---	---	---	2	40	10	14+4=18		---	---
	TOTAL	10	16	12.8	8	20	16		200	50	---			
	GRAND TOTAL	20	32	25.6	16	40	32		400	100	--	---	200	
<ul style="list-style-type: none"><li>• Student contact hours per week : 32 Hours (Min)</li><li>• Theory and Practical Lectures : 48 Min. Each</li><li>• DSE- Discipline Specific Elective : All papers are compulsory.</li><li>• AECC- Ability Enhancement Compulsory Course (E &amp; F) : English</li><li>• Practical Examination will be conducted annually for 200 Marks.</li><li>• <i>There shall be separate passing for theory, internal and practical.</i></li></ul>														
<ul style="list-style-type: none"><li>• Total Marks for B.Sc.-III (Including English) : 700</li><li>• Total Credits for B.Sc.-III (Semester V &amp; VI) : 36</li></ul>														
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														



*Attest*  
*Dep. of Env. Sci*