#### **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.



# SHIVAJI UNIVERSITY, KOLHAPUR.



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.)

CNEWCW/Kolbiapurit



NAAC 'A' Grade

SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA PHONE: EPABX-2609000 website- www.unishiyaji.ac.in

FAX 0091-0231-2691533 & 0091-0231-2692333 - BOS - 2609094

शिवाजी विद्यापीठ, कोल्हापूर - 416004. हुरध्वनी (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 (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		P.G.Seminar Section
3	The Chairman, Respective Board of Studies		Computer Centre
4	B.Sc. Exam		Affiliation Section (U.G.)
5	Eligibility Section		Affiliation Section (P.G.)
6	O.E. 1 Section		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 Technologyand Management (Entire)Programme Sem I & II

C3 4		· · · · · · · · · · · · · · · · · · ·
~11	*********	· — •
DEL	ucture	

2.5		A PARTY I	100				Ouration	-6 M	THE PERSON	THE RESERVE			1		
Sr.	5	TEACHING SCHEME THEORY PRACTICAL						EXAMINATION SCHEME THEORY PRACTICAL							
No.	No. 3 9	500							THE			PRAC	TICAL	-	
	Course (Subject) Title	Credits	No. of	Hours	Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min	
1	DSC-FTM-A1	2		74	-			2	50	V.054N	SWEAT TO				
2	DSC-FTM-A2	2	- 5	4	2	4	3.2	2	50	100	35				
3	DSC-FTM-A3	2		V IS				2	50						
4	DSC-FTM-A4	2	5	4	2	4	3.2	2	50	100 35 PRA		PRAC	CTICAL		
5	DSC-FTM-A5	2				1		2	50			<b>EXAMINATION</b>			
6	DSC-FTMA6	2	- 5	4	2	4	3.2	2	50	100	35 IS ANNU		NNUAL	UAL	
7	DSC-FTM-A7	2			120		- 198V	2	50	1788					
8	DSC-FTM-A8	2	5	4	2	4	3.2	2	50	100	35				
9	AECC-A	2	4	3.2				2	50	50	18				
	Total	18	24	19.2	8	16	12.8			450					
				SEM	ESTE	R – П (	Duratio	n – 6 IV	Ionths	1		AND STREET		001437	
1	DSC-FTM-B1	2	- 5	4	2		T	2	50	A		CONTRACTOR ALEXA	activates in	DESPIKED	
2	DSC-FTM-B2	2	7 3			4	3.2	2	50	100	35		50	18	
3	DSC-FTM-B3	2	- 5	4	-		2.0	2	50			40			
4	DSC-FTM-B4	2	] ]	4	2	4	3.2	2	50	100	35	As per BOS	50	18	
5	DSC-FTM-B5	2	- 5	4 0	-			2	50		188	Guide-		-	
6	DSC-FTM-B6	2	ء ا	4	2	4	3.2	2	50	100	35	lines	50	18	
7	DSC-FTM-B7	2	- 5	4 -		10.		2	50	722	1235			29768	
8	DSC-FTM-B8	2	7	9	2	4	3.2	2	50	100	35		50	18	
9	AECC-B	2	4	3.2			1	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			200		

- Student contact hours per week: 32 Hours (Min.)
- Total Marks for B.Sc.-1 (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 1: CCC - 1: 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 Technologyand Management( Entire) Programme Sem III & IV

F///							(Duratio	n – 6 N	CALIFORNIA ENGINEER	TO A LET YOU WANTED TO				
Sr.				EACHIN	man and the second second second second	REPERTURAL	EXAMINATION SCHEME							
No.	set )	T	HEOR	Y	PF	RACTIC	AL		THE	ORY		PRA	CTICA	L
10.	Course (Subject ) Title	Credits	No. of	Hours	Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min
Ī	DSC-FTM-C1	2	3	2.4			3.7	2	50	524	25			_
2	DSC-FTM-C2	2	3	2.4	4	8	6.4	2	50	100	35			
3	DSC-FTM-C3	2	3	2.4				2	50			PRACTICAL EXAMINATIO		200
4	DSC-FTM-C4	2	3	2.4	4	8	6.4	2	50	100	35			
5	DSC-FTM-C5	2	3	2.4	4	8	6.4	2	50		2.5		NNUA	NUAL
6	DSC-FTM-C6	2	3	2.4	4	٥	0.4	2	50	100	35			
7	AECC-C	4	4	3.2						- 122				
	TOTAL	16	22	17.6	12	24	19.2			300				
	<b>建筑线性3.指线</b>			SEMI	ESTE	R - IV	(Duratio	n – 6 I	Month	s)				
1	DSC-FTM-D1	2	3	2.4	4	8	6.4	2	50	100	35		100	35
2	DSC-FTM-D2	2	3	2.4			0.4	2	50	100	33	As per	100	33
3	DSC-FTM-D3	2	3	2.4	4	8	6.4	2	50	100	35	BOS	100	20
4	DSC-FTM-D4	2	3	2.4			0.4	2	50	100	33	Guide-	100	35
5	DSC-FTM-D5	2	3	2.4	4	8	6.4	2	50	100	35	lines	100	35
6	DSC-FTM-D6	2	3	2.4			0.4	2	50	100	33		100	3.
7	AECC- C		Alexander 1	244				3	70	100	25	1020		-
	AECC- D	10	10				102		30	- HADRIGHT	10			1777
	TOTAL	12 28	18	32	12	24	19.2			400	1000		200	
		20	40	32	24	48	38.4			700			300	1
• 5	Student contact	hours <sub>l</sub>	oer we	eek: 32 I	Hours (N	Ain.)	• Total	Marks	for B.	ScII (	Includi	ng EVS)	: 100	0
• 1	Theory and Pra-	ctical L	ectur	es : 48	Minutes	Each	• Total	Credit	s for B	S.ScII	(Sen	nester III	& IV)	: 52
	DSC : - Discip										(34.1			Name of Street

- 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

C1 /	12	Sept Sept Sept
A 17 10 1	ıcture	- III
DUL	iciui c	

_		TEACHING SCHEME								EX	CAMINATIC	ON SCHEMI		2017
Sr.	t t		THEO	RY	PR	ACTICA	L			THEO	RY	PRA	CTICA	L
Subjec	Subject Title	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	The second second		and a final
2	DSE-FTM-E2	2	3	2.4	2	5	4	2	40	10	14+4=18	PRACTICAL EXAMINATION IS ANNUAL		
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	***	222		2	40	10	14+4=18			
	TOTAL	10	16	12.8	8	20	16		200	50				
				SE	MES	TER	– VI (I	uratio	on – 6 N	Months)			15 1767	
1	DSE-FTM-F1	2	3	2.4	2	5	4	1 2	40	10	14+4=18	As per	50	18
2	DSE-FTM-F2	2	3	2.4	2	5	4	2	40	10	14+4=18	BOS	50	18
3	DSE-FTM-F3	2	3	2.4	2	5	4	2	40	10	14+4=18	Guideline	50	18
4	DSE-FTM-F4	2	3	2.4	2	5	4	2	40	10	14+4=18	s	50	18
-	AECC-F	2	4	3.2				2	40	10	14+4=18			-
5	TOTAL	10	16	12.8	8	20	16		200	50				
2	IOIAL			and the second s	16	40	32		400	100				1

- · DSE- Discipline Specific Elective : All papers are compulsory.
- AECC- Ability Enhancement Compulsory Course (E & F): English
- · Practical Examination will be conducted annually for 200 Marks.
- · There shall be separate passing for theory, internal and practical.

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

B. Sc FTM. Part 1 (Sem I & II),

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

### **AECC-C:** - Ability Enhancement Compulsory Course: Environmental Studies <u>Practical</u>

DSC FTM- P5	Lab Course V (Based on DSC FTM-C1 & DSC FTM-C2, DSC FTM-D5 & DSC FTM-D6)	DSC FTM- P7	Lab Course VII (Based on DSC FTM-D3 & DSC FTM-D4)
DSC FTM- P6	Lab Course VI (Based on DSC FTM-D1 & DSC FTM-D2, DSC FTM-C3 & DSC FTM-C4)	aeraz San	e ngang engka Joanu'n e atribik

# 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
ntroduction to Food Science	
Definition & Function of food	
Basic food groups by ICMR	
Classification of food	
Cooking & Objectives of cooking	
Methods of Cooking- Conduction, Convection & radiation	
Microwave Cooking	
Solar Cooking	
<ul> <li>Classification of Cooking method- Moist, Dry &amp; Combination methods</li> </ul>	
Food Preparation	
Definition	15
Preliminary Treatments	
Cleaning-wet and dry	
<ul> <li>Sorting and grading- Shape, size and colour</li> </ul>	
<ul> <li>Peeling- Flash, steam, knife, abrasion, caustic and flame peeling.</li> </ul>	
Cereals	
Introduction & Definition	
Structure	
Composition and Nutritive Value	
Important Cereals	
Storage of cereals	
Role of cereals in cookery	
Unit – II	
Pulses	
Introduction & Definition	
Structure	
<ul> <li>Composition and Nutritive Value</li> </ul>	
Important Pulses	
Processing of pulses	
Pulse cookery	
<ul> <li>Factors affecting cooking quality</li> </ul>	
Role of pulses in cookery	
Nuts	



# SHIVAJI UNIVERSITY, KOLHAPUR.



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.)

Trially



Estd. 1962 NAAC 'A' Grade MHRD NIRF-28<sup>th</sup> Rank SIIIVAH UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA PHONE: EPABX-2609000 website- <u>www.nuishivaji.ae.in</u> FAX 0091-0231-2691533 & 0091-0231-2692333 - BOS - 2609094 शिवाजी विद्यापीठ, कोल्हापूर — 416004.

वुम्ब्बनी (ईपीएबीएक्स) २६०९००० (अभ्यास मङ्क्षे विभाग-- २६०९०९४) फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail: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 <a href="https://www.unishivaji.ac.in">www.unishivaji.ac.in</a>. (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	18	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

	The state of the s		TE	ACHINO	SCHEM	E	
			THEORY		F	PRACTICAL	-
SR.NO	SUBJECTS	CREDITS	NUMBERS OF LECTURES	HOURS	CREDITS	NUMBERS OF LECTURES	HOURS
AECC - A	Communication skills for self employed	2	03	2.4	Market Company		
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
11	TOTAL	12	17	13.6	10	23	18.4
	TOTAL CREDITS	22					
	TOTAL HOURS	32					

DSC – Discipline Specific Core Course

AECC - Ability Enhancement Compulsory Course (A)

CGE - Compulsory Generic Elective

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

			TE	EACHING	SCHEM	E	
			THEORY		F	RACTICAL	•
SR.NO	SUBJECTS	CREDITS	NUMBERS OF LECTURES	HOURS	CREDITS	NUMBERS OF LECTURES	HOURS
AECĆ - 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
	TOTAL	12	17	13.6	10	23	19.4
The state of the s	TOTAL CREDITS	22	100				TR-4
	TOTAL HOURS	32					-14

DSC – Discipline Specific Core Course

AECC - Ability Enhancement Compulsory Course (B)

CGE - Compulsory Generic Elective

# COURSE STRUCTURE BDFC SEM-IV

			TE	EACHING	SCHEN	IE	
500			THEORY			PRACTICAL	
SR.NO	SUBJECTS	CREDITS	NUMBERS OF LECTURES	HOURS	CREDITS	NUMBERS OF LECTURES	Hours
AECC -	Environmental Studies						
DSC DFC - D1	Clothing Culture	2	03	2.4	18070		
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			i <del>a a a</del>	2	04	3.2
DSC DFC - D7	Garment Construction		222		3	06	4.8
	TOTAL	12	18	14.4	10	22	17.6
	TOTAL CREDITS TOTAL HOURS	22					
	TOTAL HOURS	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

			TE	ACHING	SCHEM	E	
_	wind in the		THEORY		F	RACTICAL	
SR.NO	SUBJECTS	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	<b>∖</b> 04	3.2
DSC DFC - C5	Basic Computers	2	03	2.4	1	02	1.6
CGE DFC - C6	Pattern Layout		500		2	04	3.2
DSC DFC - C1	Garment Construction				3	06	4.8
	TOTAL	12	18	14.4	10	22	17.6
	TOTAL CREDITS	22					
	TOTAL HOURS	32					

DSC – Discipline Specific Core Course

AECC - Ability Enhancement Compulsory Course (C)

CGE - Compulsory Generic Elective

EVS - Environmental Studies

# COURSE STRUCTURE BDFC SEM-V

				ACHING	SCHEM		
	1 m m 1 m 1 m 1		THEORY		F	RACTICAL	
SR.NO	SUBJECTS	CREDITS	OF LECTURES	HOURS	CREDITS	OF LECTURES	HOURS
DSC DFC E1	World Costumes	2	03	2.4	200		: <del></del>
DSC DFC E2	Fashion Merchandising	2	04	3.2			
DSC DFC E3	Apparel Production & Quality Control	2	04	3.2			555
DSC DFC E4	Management & Entrepreneurship Skills	2	03	2.4	9	<u></u>	
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 4.8
CGE DFC E8	Fashion Reading & Pattern Grading	2000			2	04	3.2
CGE DFC E8	Internship Report/Project/ Assignment/ Displays			1	2	04	3.2
	TOTAL	12	20	16	10	20	16
	TOTAL CREDITS TOTAL HOURS	32					

DSC – Discipline Specific Core Course

CGE - Compulsory Generic Elective

# COURSE STRUCTURE BDFC SEM-VI

			TE	ACHING	SCHEM	E	
estile etaliki	, , , , , , ,		THEORY		F	RACTICAL	
SR.NO	SUBJECTS	CREDITS	NUMBERS OF LECTURES	HOURS	CREDITS	NUMBERS OF LECTURES	HOURS
DSC DFC F1	World Costumes	2	03	2.4			200
DSC DFC F2	Fashion Merchandising	2	034	2,4		***	
DSC , DFC F3	Apparel Production & Quality Control	2	034	2.4_	-		
DSC DFC F4	Management & Entrepreneurship Skills	2	03	2.4	1225		
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			210	2	04	3.2
CGE DFC F8	Fashion Reading & Pattern Grading				2	04	3.2
CGE DFC F9	Internship Report/Project/ Assignment/ Displays		<u></u>		2	04	3.2
	TOTAL	12	18	16 16	10	20	16
	TOTAL CREDITS		20		22		
	TOTAL HOURS			3	32		

DSC – Discipline Specific Core Course

CGE - Compulsory Generic Elective

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

0 0 0	11 CT TITLE		THEORY	TUEODY				2		TOTAL	TOTAL
CODE & SUBJECT TITLE	JECT TITLE			THEORY			PRACTICAL			MARKS	CREDITS
		Į į	EXAM HRS	TOTAL	MIN	EXAM HRS	MARKS	TOTAL	MIN		
	Communication	•	24				INT EXT				
AECC - A	skills for self	THEORY	2	50	20					50	2
	Citable) Cu									Į.	
DSC DFC	Introduction to Textile Science	THEORY	2	50	20					50	2
A		PRACTICAL	1	1.4		PR,	PRACTICAL EXAMINATION IS ANNUAL	ION IS ANN	UAL		
DSC DFC	Sewing	THEORY	2	50	20					50	2
Î	9	PRACTICAL	ı	1		\$-00-0					
DSC DFC	Pattern Drafting	THEORY	2	50	20					50	2
A3		PRACTICAL		1		den ex					
DSC DFC	Textile and Apparel	THEORY	2	50	20					50	<b>4</b>
A4	Designing	PRACTICAL	2002	-		V——					
CGE DFC A5	Needle Craft	PRACTICAL	-	1	1					ı	
	Garment Construction	PRACTICAL		ı	1						5
	TATOT							1		250	10

THEORY   State   THEORY   State   St	The District Title   The DRY   Total   Min   FAM   Practical   Min   Mark   Min   Min			EXAMIN	<b>EXAMINATION SCHEME</b>	HEME	B.A.	B.A. (DMFC)- I		SEM-II				
Communication skills         THEORY         2         50         20         —         —         —         50           for self employed for self employed Science         THEORY         2         50         20         —         —         —         —         50           Science Science         PRACTICAL         — <th>  Communication skills</th> <th>CODE &amp; SUB</th> <th>JECT ТІПЕ</th> <th></th> <th></th> <th>THEORY</th> <th></th> <th></th> <th>PRACTICAL</th> <th></th> <th>Term</th> <th>work</th> <th>TOTAL</th> <th>TOTAL</th>	Communication skills	CODE & SUB	JECT ТІПЕ			THEORY			PRACTICAL		Term	work	TOTAL	TOTAL
Communication skills	Communication skills			00	EXAM HRS	·Total	MIN	EXAM	Practical	MIN	Marks	Min		
Introduction to Textile	Introduction to Textile	AECC - B	Communication skills for self employed	THEORY	2	20	20			I			20	2
Sewing Technology         THEORY         2         50         20         — <td>Sewing Technology         THEORY         2         50         20         50         20         50         20<td>DSC DFC</td><td>Introduction to Textile</td><td>THEORY</td><td>2</td><td>50</td><td>20</td><td>l</td><td></td><td></td><td>124</td><td></td><td>150</td><td>10.4</td></td>	Sewing Technology         THEORY         2         50         20         50         20         50         20 <td>DSC DFC</td> <td>Introduction to Textile</td> <td>THEORY</td> <td>2</td> <td>50</td> <td>20</td> <td>l</td> <td></td> <td></td> <td>124</td> <td></td> <td>150</td> <td>10.4</td>	DSC DFC	Introduction to Textile	THEORY	2	50	20	l			124		150	10.4
Sewing Technology         THEORY         2         50         20         — <td>Sewing Technology         THEORY         2         50         20         —<td>B4</td><td></td><td>PRACTICAL</td><td>1</td><td>-</td><td></td><td>3</td><td>50,</td><td>20</td><td>50,</td><td>20</td><td></td><td></td></td>	Sewing Technology         THEORY         2         50         20         — <td>B4</td> <td></td> <td>PRACTICAL</td> <td>1</td> <td>-</td> <td></td> <td>3</td> <td>50,</td> <td>20</td> <td>50,</td> <td>20</td> <td></td> <td></td>	B4		PRACTICAL	1	-		3	50,	20	50,	20		
Sewing Technology         PRACTICAL         —         —         —         —         —         —         100           Pattern Drafting         THEORY         2         50         20         —         —         —         —         100           Textile and Apparel Designing         THEORY         2         50         20         —	Sewing Technology         PRACTICAL         — <td></td> <td>8</td> <td>THEORY</td> <td>2</td> <td>50</td> <td>20</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>V-</td>		8	THEORY	2	50	20							V-
Pattern Drafting	Textile and Apparel PRACTICAL — — — — — — — — — — — — — — — — — — —	DSC DFC B2	Sewing Technology	PRACTICAL			I				20	50	100	ĸ
Textile and Apparel         THEORY         2         50         20         — </td <td>Textile and Apparel         THEORY         2         50         20         —<!--</td--><td>DSC DEC</td><td>Pattern Draffing</td><td>THEORY</td><td>2</td><td>50</td><td>20</td><td></td><td></td><td></td><td>-</td><td></td><td>100</td><td>4</td></td>	Textile and Apparel         THEORY         2         50         20         — </td <td>DSC DEC</td> <td>Pattern Draffing</td> <td>THEORY</td> <td>2</td> <td>50</td> <td>20</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>100</td> <td>4</td>	DSC DEC	Pattern Draffing	THEORY	2	50	20				-		100	4
Textile and Apparel         THEORY         2         50         20         — </td <td>Textile and Apparel         THEORY         2         50         20         —         —         —         —         150           Designing         PRACTICAL         —         —         3         50         20         50         20           Needle Craft         PRACTICAL         —         —         3         50         20         50         100           Garment         PRACTICAL         —         —         6         50         20         100         50           Construction         TOTAL         —         —         6         50         20         50         20         20         20</td> <td>B3 22</td> <td></td> <td>PRACTICAL</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>20</td> <td>20</td> <td></td> <td>)</td>	Textile and Apparel         THEORY         2         50         20         —         —         —         —         150           Designing         PRACTICAL         —         —         3         50         20         50         20           Needle Craft         PRACTICAL         —         —         3         50         20         50         100           Garment         PRACTICAL         —         —         6         50         20         100         50           Construction         TOTAL         —         —         6         50         20         50         20         20         20	B3 22		PRACTICAL							20	20		)
Designing         PRACTICAL         — — — — — — — — 3         50 · 50         50 · 50         20         20           Needle Craft         PRACTICAL         — — — — — — — 6         50 · 50         50 · 20         100           Construction         PRACTICAL         — — — — — 6         50 · 50 · 50         20 · 100         50 · 100           TOTAL         TOTAL         — — — — — — — — 6         50 · 50 · 50         50 · 20         150 · 50	Designing         PRACTICAL         —         —         3         50 · 50 · 50 · 20         50 · 20         100 · 50           Needle Craft         PRACTICAL         —         —         —         3         50 · 20 · 50 · 20         100 · 50           Construction         PRACTICAL         —         —         6         50 · 20 · 50 · 20         100 · 50           TOTAL         —         —         —         6         50 · 20 · 50 · 20         750 · 20	DSC DEC	Textile and Apparel	THEORY	2	20	20	-					150	(9-0) ju
Needle Craft         PRACTICAL         —         —         —         3         50         20         50         20         100           Garment Construction         PRACTICAL         —         —         6         50         20         50         20         100         50           TOTAL         TOTAL         —         —         —         6         50         50         50         20         100         50	Needle Craft         PRACTICAL         —         —         —         —         6         50         20         50         20         100         50           Construction         TOTAL         —         —         —         6         50         20         50         20         100         50	B4		PRACTICAL	ı	25.20	1	3	> 09	20	20	20		)
Garment Construction         PRACTICAL PRACTICAL PRACTICAL TOTAL         — 6         50	Garment Construction         PRACTICAL         —         —         6         50         20         50         20         100         6           TOTAL         TOTAL         —         —         —         6         50         50         20         100         6         5	CGE DFC B5	Needle Craft	PRACTICAL	1			3	20	20	20	20	100	4,2
TOTAL 750	TOTAL 750 2	DSC DFC B6	Garment	PRACTICAL	I	-		9	. 09	20	20	50	100	, th
			TOTAL						200				750	32

THEORY   EXAM HRS   THEORY   2												
Frank	CODE & SU	BJECT TITLE			THEORY			PRACTICAL	á)	:	TOTAL	TOTAL
Environmen THEORY				EXAM HRS	TOTAL	MIN	EXAM HRS	MARKS	TOTAL	NIN		
Textile Art & THEORY   2   50   20	0	Environmen	Y	-	5	20						
Clothing Culture         THEORY         2         50         20           Textile Art & THEORY         2         50         20           Processing Notes         THEORY         2         50         20           Indian THEORY         2         50         20           Traditional Textile PRACTICAL Textile PRACTICAL Textile PRACTICAL THEORY         2         50         20           Basic Computers PRACTICAL THEORY         2         50         20           Pattern Layout         PRACTICAL TExtile PRACTICAL	AECC - C	tal studies	INEONI	7	3	23					20	2
Textile Art & THEORY   2   50   20   Wet	DSC DFC	Clothing	THEORY	2	20	20					20	2
Textile Art & THEORY	δ		PRACTICAL		1	ı	PRACTIC	AL EXAMINATIC	ON IS ANN	INAL		
Processing   PRACTICAL	DSC DFC	Textile Art &	THEORY	2	20	20					20	7
Indian	23	Processing	PRACTICAL	1							1	
Textile         PRACTICAL         —         —           Apparel Designing Designing PRACTICAL         THEORY         2         50           Basic Computers         THEORY         2         50           Pattern Layout         PRACTICAL         —         —           Garment Construction         PRACTICAL         —         —           Construction         PRACTICAL         —         —	DSC DFC	Indian	THEORY	2	50	20					52	7
Apparel Designing Designing PRACTICAL         2         50           Basic Computers Pattern Layout Construction         THEORY         2         50           Pattern Construction         PRACTICAL         —         —	8	Textile	PRACTICAL	ı	- Linear	ı	-					
Designing         PRACTICAL         —         —           Basic         THEORY         2         50           Computers         PRACTICAL         —         —           Pattern         PRACTICAL         —         —           Construction         PRACTICAL         —         —	DSC DFC	Apparel	THEORY	2	50	20					20	7
Basic         THEORY         2         50           Computers         PRACTICAL         —         —           Pattern         PRACTICAL         —         —           Carment         Construction         PRACTICAL         —         —	2	Designing	PRACTICAL		-						7	
Computers PRACTICAL Pattern PRACTICAL Layout Garment PRACTICAL	DSC DFC	Basic	THEORY	2	20	20					S	O.
Pattern PRACTICAL Cayout PRACTICAL Construction PRACTICAL	SS	Computers	PRACTICAL		1	1					3	
Garment PRACTICAL	CGE DFC C6	Pattem Layout	PRACTICAL			1						
	DSC DFC C7	Garment Construction	PRACTICAL		I	-1				•		
		TOTAL			250						300	10

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

	DSC DFC D7 C	CGE DFC Pa		DSC DFC		DSC DFC D4		DSC DFC		DSC DFC T	2	DSC DFC	AECC - D EI		CODE & SUBJECT TITLE
TOTAL	Garment Construction	Pattern Layout	Computers	Basic	Designing	Apparel	Textile	Indian Traditional	Wet Processing	Textile Art &	Culture	Clothing	Environmental studies		TITLE
	PRACTICAL	PRACTICAL	PRACTICAL	THEORY	PRACTICAL	THEORY	PRACTICAL	THEORY	PRACTICAL	THEORY	PRACTICAL	THEORY	THEORY		
	-	l	I	2		2	-	2	-	2	i	2	2	EXAM HRS	
	I	ı	I	50		50		50	Î	50	1	50 /	70	Total	THEORY
		I		20		20		20		20	ı	20	25	MIN	
	2		2		2	ı	2	-	-			İ		EXAM HRS	PRACTICAL
	50	1	50	1	50	-	50	į	1	-	-	-	30	Practical	AL.
	20		20		20		20		1	-	I	I	lo	MIN	
	50	50	50		50		50	1	50			1		Marks	Termwork
	20	20	20	1	20		20		20	1		1	1	Min	vork
850	100	25		150		150		150	100		50		100		MARKS
22	6	S		2	10 m	Jr Jr		cų.	245)	, O		2	3		CREDITS

CODE & SI	CODE & SUBJECT TITLE			THEORY	.5		PRACTICAL			TOTAL MARKS	TOTAL CREDITS
			EXAM HRS	TOTAL	NIN	EXAM HRS	MARKS	ТОТАL	MIN		
DSC DEC			J				INT EXT				
E1	World Costumes	THEORY	,	50	20					50	
DSC DFC E2	Fashion Merchandising	THEORY	2	50	20	<u></u>				5	
		PRACTICAL	-	1						ν.	
DSC DFC E3	Apparel Production	THEORY	2	50	20					50	
	Quality Control	PRACTICAL	ı	1		······································					
DSC DFC E4	Management &	THEORY	2	50	20	PRACTI	PRACTICAL EXAMINATION IS ANNUAL	NATIC	SI NO	50	
	Charles	PRACTICAL									
DSC DFC	Apparel Designing	THEORY	2	50	20					50	
		PRACTICAL	l	1	1						
DSC DFC E6	Computer Aided Designing	.PRACTICAL	2	B	E					202	
DSC DFC E7	Garment Construction	PRACTICAL									
CGE DFC E8	Fashion Reading & Pattern Grading	PRACTICAL		Î				,			
CGE DFC F9	Internship Report	PRACTICAL	1	1	I					1	37,-14,41 = 1,11
	TOTAL									250	-

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

20       —       —       —       —       30         20       —       —       —       —       100         20       —       —       —       —       50         20       —       —       —       —       50         20       —       —       —       —       50         20       —       —       —       —       50         20       —       —       —       —       50         20       —       —       —       —       50         20       —       —       —       —       50         20       —       —       —       —       —         20       —       —       —       —       50         20       20       20       20       20       20         20       20       20       20       20       20       20         20       20       20       20       20       20       20       20       20         20       20       20       20       20       20       20       20       20       20       20       20	EXAM HRS	RV AL	PRACTICAL M Practical	Min	TOTAL N		-1 S	CREDITS
2         50         20         —	THEORY	50 20	1	1			05	2
2         50         20         —	THEORY			İ				2
2         50         20         —         —         —         —         —         —         50         3           2         50         20         —         —         —         —         —         50         3           4         —         —         —         —         —         —         —         50         3           5         5         50         50         —         —         —         —         50         3         3           6         — <td< td=""><td>PRACTICAL</td><td></td><td>X.102</td><td></td><td>20</td><td>20</td><td>100</td><td></td></td<>	PRACTICAL		X.102		20	20	100	
2         50         20         —         —         —         —         50         3           2         50         20         —         —         —         —         —         50         23           2         50         20         —         —         —         —         —         50         23         23           4         —         —         —         —         —         —         —         50         23         23         23         24	THEORY		l				14	
2         50         20         —         —         —         —         50         2.3           -         —         —         —         —         —         —         —         53         2.3           -         —	PRACTICAL		ı					
2         50         20         —	THEORY		l					
2         50         20         —         —         —         —         150         55           —         —         3         50         20         50         20         510         510         510           —         —         3         50         20         50         20         100         51	PRACTICAL							
2         50         6.2              3         500         80         50         50         6.2         7             3         200         80         7 <td< td=""><td>THEORY</td><td>1000</td><td></td><td></td><td></td><td></td><td></td><td>\mathcal{A}</td></td<>	THEORY	1000						\mathcal{A}
2         50         20         3         50         20         50         100         22              3         50         20         50         20         100         4.2                 50         50         7.2             3         200         80         7         50         6.2             3         200         80         7         200         6.2              3         200         80         7         200         6.2              3         200         80         7         850         22	PRACTICAL	8	50	20	20	20	( E)	ر ان ان
—         —         3         50         20         50         100         4.22           —         —         —         —         —         50         20         72           —         —         3         200         80         200         50         72           250         250         3         260         3         260         22	PRACTICAL	0 20	50	20	20			
—         —         —         —         —         50         50         50         72           —         —         3         200         80         200         6.2           250         250         80         80         200         6.2	PRACTICAL		20	20	20	20		.2
-         3         200         80         200         6.2           250         250         850         22	PRACTICAL				50	20	50	2
. 850 22	PRACTICAL		200	80			200	. <b>2</b>
The state of the s							850	



# 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 Year2019-20)

Shameel Poeves Secretinater B. Lem (Beenk Mgmt)



SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA PHONE: EPABX-2609000 website- www.unishivaji.ac.in FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094 शिवाजी विद्यापीठ, कोल्हापूर — 416004.

बुरष्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळं विभाग— २६०९०९४) फॅक्स : ००९१-०२३१-२६९९५३३ च २६९२३३३.ө-mail:bos@unishivaji.ac.in

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

No 8927-

Date: 28/08/2019-

To.

2 8 AUG ZUIS

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 <a href="https://www.unishivaji.ac.in">www.unishivaji.ac.in</a> (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. I/c Dean, Faculty of Commerce & Management 1. 2. Chairman, BOS under Faculty of for information Commerce & Management Director, BOEE 3. 4. Appointment Section 5. P. G. Admission Section 6. B. Com. Section 7. Affiliation Section (U.G./P.G.) for information and necessary action. 8. Computer Center/I.T. 9. Eligibility Section 10. Distance Education 11. P.G. Seminer Section

# CBCS R.B.Com. 2: i) Structure of B. Com. Bank ManagementProgrammeSem I & II

					STRUCTUI				
				SEMEST	ER-I-DURATIO	ON: 06 MON	THS		
			TEACI	HNG SCI	HEME			TION SCH	EME
S r.		TH	EORY (		PRACTICAL (PR)	i i	THEORY		PRACTICAL
N o.	Course Type	No. of lectur es	Hours	Credits	-	PAPER HOURS	MAX	MIN	
1	CC - A1	4	3.2	4		2	50	18	
2	CC - A3	4	3.2	4		2	50	18	
3	CC-A5	4	3.2	4	NO.	2	50	18	50,500
4	GEC -A	4	3.2	4	NO	2	50	18	NO
5	GEC – B	4	3.2	4	PRACTICAL	2	50	18	PRACTICAL
6	AECC- C1	4	3.2	4		2	50	18	ν.
_	Total	24	19.2	24		2	300		
				SEMEST	ER- II - DURAT	ION: 06 MO			v-a
				HING SCI	and the second s		EXAMINA	TION SCH	EME
S r.		ТН	EORY (	TH)	PRACTICAL (PR)		THEORY		PRACTICAL
N o.	Course Type	No. of lectur es	Hour s	Credit s		PAPER HOURS	MAX	MIN	•
1	CC - A2	4	3.2	4		2	50	18	
2	CC-A4	4	3.2	4		2	50	18	1
3	CC-A6	4	3.2	4	NO	2	50	18	1
4	GEC -A	4	3.2	4	PRACTICAL	2	50	18	NO
5	GEC – B	4	3.2	4	FRACTICAL	2	50	18	PRACTICAL
6	AECC- C2	. 4	3.2	4	_ ' '	.2	, 50	18	
	Total	24	19.2	24			300		
	Frand Total Sem I + II	48	38.4	48	- 45 (- 34 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -		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. ProgrammeSem III &IV

					STRUCT				
		700	CHIE			TION: 06 MONTHS			
			A STATE OF THE STA	SCHEN		The second secon	MINATIO	N SCHE	MÉ
Sr. No.		THEOR			PRACTICAL (PR)	THEC	ORY		PRACTICAL
	Course Type	No. of lectur es	Hours	Credits		PAPER HOURS	MAX	MIN	4
1	CC-B1	4	3.2	4		2	50	18	
2	CC-B3	4	3.2	4		2	50	18	
3	CC-B5	4	3.2	4		2	50	18	NO
4	CC-B7	4	3.2	4	NO	2	50	18	PRACTICAL
5	AECC -C3	4	3.2	4	PRACTICAL	2	50	18	
6	AECC -C5	4	3.2	4		2	50	18	
7	AECC -EVS	2	2	-	2	1		-	-
	l'otal	24	19.2	24	÷	TOTAL MARKS	300	-	
Sr. No.		TE THEOR	7127 1121 12 12 12 12 12	SCHEM	IE PRACTICAL (PR)	EXA THE	MINATIO DRY	N SCHE	ME PRACTICAL
	Course Type	No. of lectur es	Hour s	Credit s	(FR)	PAPER HOURS	MAX	MIN	***************************************
1	CC-B2	4	3.2	4		2	50	18	
2	CC-B4	4	3.2	4		2	<sub>3</sub> 50	18	
3	CC-B6	4	3.2	4		2	50	18	NO
4	CC-B8	4	3.2	4		2	50	18	PRACTICAL
5	AECC -C4	4	3.2	4	NO PRACTICAL	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 MarksProjec Total 100Mark
	l'otal	28	22.4	28	-		400	-	
Gra	nd 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. ProgrammeSem V &VI

						CTURE – III JRATION: 06 MONTH	is				
		TE	ACHING	SCHEME			EXAMINAT	TION SCI	IEME		
c		THEOR	Y (TH)		PRACTICAL (PR)	THE	ORY		Int	ernal Exa	n.
Sr. No.	Course Type	No. of lecture s	Hours	Credits	a	PAPER HOURS	MAX	MIN	Internat	MAX	MIN
1	CC-C1	4	3.2	4		2	40	14		10.	04
2	CC-C3	4	3.2	4		2	40	14	1	10	04
3	CC-C5	4	3.2	4		2	40	14		10	04
4	CC-C7	4	3.2	4		2	40	14	Seminar	10	04
5	DSE-1	4	3.2	4	NO	2	40	14		10	04
6	DSE -II	4	3.2	4	PRACTICAL	2	40	14		10	04
	Total	24	19.2	24			240			60	
	Lotai	24	19.2	24			240	*****	24		nal 00
		771	A CHING	S SCHEME	ARREST NO. HELP CONTROL THE CONTROL OF THE PROPERTY OF THE PRO	URATION: 06 MONTI	77.77	CLON CO		<del>/////////////////////////////////////</del>	
		11	ACHINC	SCHEME			EXAMINA'	TION SCI	HEME		
		THEOR	Y (TH)		PRACTICAL (PR)	THE	ORY		In	ternal Exa	m
Sr. No.	Course Type	No. of lectu res	Hours	Credit s	1	PAPER HOURS	MAX	MIN	Internal	MAX	MIN
1	CC-C2	4	3.2	4		2	40	14		10	04
2	CC-C4	4	3.2	4		2	40	14		10	04
3	CC-C6	4	3.2	4		2	40	14	Internal	10	04
4	CC-C8	4	3.2	4	NO	2	40	14	Exam	10	04
5	DSE - II	[ 4	3.2	4	PRACTICAL	2	40	14		10	04
6	DSE - IV	4	3.2	4		2	40	14		10	04
110										60	
	Total	24	19.2	24		2	240	1277773		ory +Interi 10 + 60 =3	
G	rand Total	48	38.4	48	*	•	480			ory + Inte	

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

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

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

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

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

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

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

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

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

	Semester I		Semester II
Course Code	Course (Subject)	Course Code	Course (Subject)
OTHER DESIGNATION	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)
	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 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

#### Note:

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

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

	Semester III		Semester IV
Course Code	Course (Subject)	Course Code	Course (Subject)
	Core o	ourse	
CC-B1	Accountancy Paper-III (Accounting for Bank Managers)	CC-B2	Accountancy Paper-IV (Bank audit and Reporting)
СС-ВЗ	Human Recourse 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 & Development viii) Travel & Financia Services x) RTI & Human Right Education (HRE), IPR & Patents
AECC- EVS	Environmental Studies	AECC- EVS	Environmental Studies

#### Note:

- CC: Core Course: All courses (subjects) are compulsory.
   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	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 & Development Presentation Skill, vii) Entrepreneurship Development Skill, viii) Travel & Development Skill

#### Note:

1. 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 S

Sheemed Pouveur Locrdenales B. Com C Beenk Mynt

112.1



SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA PHONE: EPABX-2609000 website- www.unishiyaji.ac.in

FAX 0091-0231-2691533 & 0091-0231-2692333 - BOS - 2609094 शिवाजी विद्यापीठ, कोल्हापूर - 416004.

हुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळं विभाग— २६०९०९४) फॅक्स : ००९१-०२३१-२६९१५३३ च २६९२३३३.e-mail:bos@unishivaji.ac.in

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

No 8927-

Date: 28/08/2019 — 3

To,

2 8 AUG ZUIS

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 <a href="https://www.unishivaji.ac.in">www.unishivaji.ac.in</a> (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 for information Commerce & Management 3. Director, BOEE 4. Appointment Section P. G. Admission Section 5. 6. B. Com. Section 7. Affiliation Section (U.G./P.G.) for information and necessary action. 8. Computer Center/I.T. 9. Eligibility Section 10. Distance Education 11. P.G. Seminer Section



# 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). SemV & 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.
  - 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
  - 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

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

 ${\it 4. Credit \ distribution \ chart \ for \ B.COM. \ (BUSINESS \ MANAGEMENT) \ Program \ with \ Course \ Code}$ 

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, ATKT 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 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-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 > = 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 = Course credits x Grade Points obtained of a semester Course credits of respective semester

Cumulative Grade Point Average (CGPA)

CGPA = Total credits of a semester x SGPA of respective semester of all semesters 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				
-					SEMEST	ER-I-DUR			
S r. N	,		TI	ACHING	SCHEME		EX	(AMINATI	ON SCHEME
		3.5	HEORY	100000000	PRACTICAL (PR)	1	THEORY		PRACTICAL
	Course Type	No. of lectures		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	- THE CHICAL
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		
S r. N			TE	ACHING	SCHEME	ER- II - DUR			ON SCHEME
		T	HEORY	(ТН)	PRACTICAL (PR)	7	HEORY		PRACTICAL
	Course Type	No. of lectures	2 20000000000	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	FRACTICAL
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	
		4	3.2	4			***************************************		
6	AECC- C2		3.2	1 4		2	50	18	

					1		 
Total	24	19.2	24			200	 
Grand Total	48	38.4	48			300	 
Sem I + II			***	-	135	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

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

					STRUCT					
					SEM	IESTER- III - DURAT	ION: 06 M	ONTHS		
Sr. No.		ē	ТЕ	ACHING	SCHEME	HEME EXAMINATION			SCHEME	
			EORY (	20452	PRACTICAL (PR)	THEORY			PRACTICAL	
	Course Type	No. of lectur es	Hours	Credits	4	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	:#	-	-		-	-	-		
Т	otal	24	19.2	24		TOTAL MARKS	300	-		
			7.F.		SEM	ESTER- IV - DURAT	ION: 06 M	ONTHS		
Sr. No.			TE	ACHING :	<b>СНЕМЕ</b>				SCHEME	
		TH	EORY (T	(H)	PRACTICAL (PR)	ТНЕО	RY	T	PRACTICAL	

	Course Type	No. of lectur es	Hour s	Credit s	70	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 MarksProject Total 100Marks.
	Fotal	28	22.4	28			400		Total 100Marks.
Gr	and 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

					STRU	CTURE - III					
				-		SEMESTER- V - I	DURATION:	06 MONT	HS		
Sr. No.			TE	EACHING S	SCHEME				ATION SC	НЕМЕ	
		T	HEORY (7	ГН)	PRACTICAL (PR)	THEO	ORY			Internal E	xam.
	Course Type	No. of lecture s	Hours	Credits	#5	PAPER HOURS	MAX	MIN	Internal	MAX	MIN
1	CC-C1	4	3.2	4		2	40	14		10	04
_	00.01				NO PRACTICAL				Seminar		
2	CC-C3	4	3.2	4	AND COLUMN TO STATE OF THE STAT	2	40	14		10	04

40 40 40	14	10	04
1000			
40	14	10	04
			0.4
40	14	10	04
24	0	60	
		Theory + 240 + 60	Internal = 300
		240	60

TEACHING SCHEME EXAMINATION SCHEME Sr. No. PRACTICAL THEORY (TH) THEORY Internal Exam (PR) Course of Hours Credit PAPER HOURS MAX MIN Internal MAX MIN Type lectu res 1 CC-C2 3.2 40 14 10 04 Internal Exam NO PRACTICAL 2 CC-C4 14 3 CC-C6 3.2 2 40 14 04 CC-C8 3.2 4 2 10 04 DSE - III 2 40 14 10 04

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

14

480

10

Theory +Internal 240 + 60 = 300

Theory + Internal

480 + 120 = 600

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)

DSE - IV

Total

**Grand Total** 

3.2

19.2

38.4

24

48

4

48

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

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

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

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

	Semester I	Semester II			
Course Code	Course (Subject)	Course Code	Course (Subject)		
	Core	course			
CC-A1	Accountancy Paper-I	CC-A2	Accountancy Paper-II		
CC-A3	Principles of Business Management-I	CC-A4	Principles of Business Management		
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 )		
	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 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		

#### 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)		
	Core	course			
CC-B1	Accountancy Paper-III (Cost Accounting)	CC-B2	Accountancy Paper-IV (Management Accounting)		
CC-B3	Quantitative Techniques for Business	CC-B4	Research Methodology		
CC-B5	Business Regulatory Framework I	CC-B6	Business Analytics		
CC-B7	Modern Management Practices	CC-B8	International Business		
AECC-C3	Business Management Paper –V (Human Resource Management)	AECC-C4	Business Management Paper –VII (Information Technology)		
AECC-C5	Business Management Paper –VI (Financial Management)	AECC-C6	Business Management Paper –VIII (Production Management)		
ARCC			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 &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:

 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.

## 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-1 07	(A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC) For Sem I: CCC – I: Democracy, Elections and Good Governance	BM-2 07	<ul> <li>(B) Non-Credit Self Study Course: Skill Development Courses (SDC)</li> <li>For Sem II: SDC - I: Any one from following (i) to (v): <ol> <li>i) Business Communication &amp; Presentation ii)</li> <li>Event management iii) Personality Development,</li> <li>iv) Yoga &amp; Physical Management v) Resume,</li> <li>Report &amp; proposal writing</li> </ol> </li> </ul>

## 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)
3M-3 07		BM-4 07	SEC-II Any one from following (vi) to (x) (Non-Credit) vi)Interview 8

Personal Presentation Skill
vii)Entrepreneurship Development viii) Travel & Tourism ix) E-Banking & Financial Services x) RTI & Human
Right Education (HRE), IPR & Patents ancement Compulsory Course - Environmental Studies

B.Com. Part-III Business Management (Entire)

	Course Structu	ire	
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-5 07	(A) Non-Credit Self Study Course: Compulsory Civic Courses (CCC) For Sem V: CCC – II: Constitution of India and Local Self Government	BM-6 07	(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

# SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade 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)

Dept. Of. FAV. Su'I



Estd. 1962 NAAC 'A' Grade

#### SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA

PHONE: EPABX-2609000 website- <u>www.unishivaji.ac.in</u> 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

Date: 20/08/2019

SU/BOS/Science/8644

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 <a href="https://www.unishivaji.ac.in">www.unishivaji.ac.in</a> (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

			7		G SCHE	Control of the last of the las	Ouration		SEPARATE PROPERTY.		JATIO	NSCHEM	D	NO.
Sr.	£	Т	HEOR			ACTICA	AL .	THEORY				PRACTICAL		
No.	Course (Subject) Title	Credits	No. of	Hours	Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min
2	DSC-A1 DSC-A2	2 2	5	4	2	4	3.2	2	50 50	100	35		ere H. se	
3	DSC-A3 DSC-A4	2 2	- 5	4	2	4	3.2	2	50 50	100	35	PRACTICAL EXAMINATION IS ANNUAL		
5 6	DSC-A5 DSC-A6	2 2	- 5	4	2	4	3.2	2	50 50	100	35			
7	DSC-A7 DSC-A8	2 2	- 5	4	2	4	3.2	2	50 50	100	35			
9	AECC-A Total	18	4 24	3.2 19.2	8	16	12.8	2	50	50 450	18			
(EX)	OFFICE OF STATE OF ST		GP COM	SEM	ESTE	R-II (	Duration	n – 6 IV	lonths		749 400		13301	4340
1	DSC-B1 DSC-B2	2 2	- 5	4	2	4	3.2	2 2	50 50	100	35		50	18
3	DSC-B3 DSC-B4	2 2	- 5	4	2	4	3.2	2	50 50	100	35	As per BOS	50	18
5	DSC-B5 DSC-B6	2 2	- 5	4	2	4	3.2	2	50 50	100	35	Guide- lines	50	18
7	DSC-B7 DSC-B8	2 2	- 5	4	2	4	3.2	2	50 50	100	35		50	18
9	AECC-B Total	2 18	4 24	3.2 19.2	8	16	12.8	2	50	50 450	18		200	
	Grand Total	36	48	38.4	16	32	25.6			900		1	200	1

- 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

# Structure of B. Sc. Environment Science (Entire) Programme Sem III & IV <u>Structure - II</u>

	OF THE SAME		Т	EACHIN	G SCHE	ME			E	XAMIN	ATIC	N SCHEN	1E		
Sr.	ct )	THEORY PRACTIC			RACTIC	AL		THE	ORY		PRACTICAL				
No.	Course (Subject) Title	Credits	No. of	Hours	Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min	
1	DSC-C1	2	3	2.4			6.4	2	50	100	3.5				
2	DSC-C2	2	3	2.4	4	8	6.4	2	50	100	35				
3	DSC-C3	2	3	2.4				2	50		85	DDA	CTICA	¥	
4	DSC-C4	2	3	2.4	4	8	6.4	2	50	100	35	160, 160, 100, 100	IINATI	2010/201	
5	DSC-C5	2	3	2.4	- 1			2	50	122	100	IS ANNUAL			
6	DSC-C6	2	3	2.4	4	8	6.4	2	50	100	35	and the second s			
7	AECC-C	4	4	3.2	Service.										
	TOTAL	16	22	17.6	12	24	19.2			300		_			
AREA SAN		The state		SEME	STE	R-IV	(Duratio	n – 6 ľ	Month	s)	OHOW.	AS THE PARTY OF	MANAGE	0.00	
1	DSC-D1	2	3	2.4	4	8	6.4	2	50	100	35		100		
2	DSC-D2	2	3	2.4		٥	0,4	2	50	100	35	As per	100	35	
3	DSC-D3	2	3	2.4	4	8	6.4	2	50	100	25	BOS	100	30	
4	DSC-D4	2	3	2.4	**	.0	0.4	2	50	100		Guide- lines	100	35	
5	DSC-D5	2	3	2.4	4	8	6.4	2	50	100	0 35				
6	DSC-D6	2	3	2.4	4	٥	0.4	2	50	100	35				
7	AECC- C	124779					222	3	70	100	25	3104000	00001		
- W	AECC- D							3	30	100	10				
	TOTAL	12	18	14.4	12	24	19.2			400					
	0.700.000.000	28	40	32	24	48	38.4			700	77	200	300		

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

<sup>•</sup> There shall be separate passing for theory and practical courses also for Environmental Studies.

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

MINNS.		MALER	SWIME!		SEMI	ESTE	R-V	V (Dur	ation –	6 Mon	ths)			17.50
0,000		TEACHING SCHEME						TALL OF	EXAMINATION SCHEME					
Sr.		THEORY PRACTICAL		AL .	STOLA		THEORY			PRACTICAL				
No.	Subject Title	Credits	No. of lectures	Hours	Credits	No. of lectures	Hours	Hours	Theory	Internal	Min	Hours	Max Marks	Min Marks
1	DSE-E1	2	3	2.4	2	5	4	2	40	10	14+4=18			
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	PRACTICAL EXAMINATION IS ANNUAL		
4	DSE-E4	2	3	2.4	2	5	4	2	40	10	14+4=18			
5	AECC-E	2	4	3.2	122		222	2	40	10	14+4=18			3
	TOTAL	10	16	12.8	8	20	16		200	50		1		
			A TOTAL	SE	MES	TER-	- VI (I	Durati	on – 6 N	<b>Aonths</b>			Miles b	<b>NEWS</b>
1	DSE-F1	2	3	2.4	2	5	4	2	40	10	14+4=18	As per	50	18
2	DSE-F2	2	3	2.4	2	5	4	2	40	10	14+4=18	BOS	50	18
3	DSE-F3	2	3	2.4	2	5	4	2	40	10	14+4=18	Guideline	50	18
4	DSE-F4	2	3	2.4	2	5	4	2	40	10	14+4=18	s	50	18
5	AECC-F	2	4	3,2	200			2	40	10	14+4=18	444		
	TOTAL	10	16	12.8	8	20	16		200	50	1982			
GR	RAND TOTAL	20	32	25.6	16	40	32		400	100	22		200	

- Student contact hours per week: 32 Hours (Min)
- Total Marks for B.Sc.-III (Including English): 700
- Theory and Practical Lectures : 48 Min. Each
- Total Credits for B.Sc.-III (Semester V & VI) : 36
- DSE- Discipline Specific Elective: All papers are compulsory.
- · AECC- Ability Enhancement Compulsory Course (E & F): English
- Practical Examination will be conducted annually for 200 Marks.
- · There shall be separate passing for theory, internal and practical.

## (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

i) B. Sc Environment Science: Part 1 (Sem I & II)

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

## **Practical**

DSC-P1	Lab Course I (Based on DSC-A1, DSC-A2, DSC-A3, DSC-A4)	DSC-P3	Lab Course III (Based on DSC-B1, DSC-B2, DSC-B3, DSC-B4)
DSC-P2	Lab Course II (Based on DSC-A5, DSC-A6, DSC-A7, DSC-A8)	DSC-P4	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

121

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

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

## **AECC-C:** - Ability Enhancement Compulsory Course: Environmental Studies <u>Practical</u>

DSC-P5	Lab Course V (Based on DSC-C1, DSC-C2, DSC-C3)	DSC-P7	Lab Course VII (Based on DSC-D1, DSC-D2, DSC-D3)
DSC -P6	Lab Course VI (Based on DSC-C4, DSC-C5, DSC-C6)	DSC-P8	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			
	Sem V	Sem VI				
DSE-E1	Land and water management	DSE-F1	Environmental Toxicology			
DSE-E2	Environmental Legislation	DSE-F2	Ecorestoration			
DSE-E3	Carbon Sequestration & Ecological Footprints	DSE-F3	Sustainable Agricultural Practices			
DSE-E4	Wildlife Management	DSE-F4	Ecotourism			
AECC – E	English – III	AECC-F	English – IV			

## **Practical**

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

S.A. Juran. Dept. of . Env. sci



# SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A++, Grade 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)





Estd. 1962 NAAC 'A' Grade SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA PHONE: EPABX-2609000 website- www.unishivaji.ac.in FAX 0091-0231-2691533 & 0091-0251-2692333 - BOS - 2609094 शिवाजी विद्यापीठ, कोल्हापूर - 416004.

हुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग— २६०९०९४) फॅवस : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

SU/BOS/Science/

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 (students Online Syllabus)

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

Thanking you,

chcycw. Kothapur

Inward No. 14.7.7

Yours faithfully.

Clerk

Dy Registrar

Copy to:

1	The Dean, Faculty of Science & Technology	17	r , - <del> </del>
2	Director Board of Event		Appointment Section
	Director, Board of Examinations and Evaluation	8	P.G.Seminar Section
3	The Chairman, Respective Board of Studies		Computer Centre
4	B.Sc. Exam		
5	Eligibility Section	1.0	Affiliation Section (U.G.)
6		11	Affiliation Section (P.G.)
0	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 <u>Structure - III</u>

Sr. No.	+	TEACHING SCHEME							EXAMINATION SCHEME						
		3325	THEO	RY	PRACTICAL			3800	THEORY			PRACTICAL			
	Subject Title	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	IMMATERIA GALLAZ DOBES			
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	PRACTICAL EXAMINATION IS ANNUAL			
4	DSE-E4	2	3	2.4	2	5	4	2	40	10	14+4=18				
1	AECC-E	2	4	3.2	255	13/17/20		2	40	10	14+4=18				
	TOTAL	10	16	12.8	8	20	16		200	50					
		27411/		SE	MES	TER	- VI (I	Duratio	on – 6 N	Aonths)			ART BE		
1	DSE-F1	2	3	2.4	2	5	4	2	40	10	14+4=18	As per	50	18	
2	DSE-F2	2	3	2.4	2	5	4	2	40	10	14+4=18	BOS	50	18	
3	DSE-F3	2	3	2.4	2	5	4	2	40	10	14+4=18	Guideline	50	18	
4	DSE-F4	2	3	2.4	2	5	4	2	40	10	14+4=18	S	50	18	
5	AECC-F	2	4	3.2	-	270		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	20		200		

- Theory and Practical Lectures: 48 Min. Each
   DSE- Discipline Specific Elective: All papers are compulsory.
- · AECC- Ability Enhancement Compulsory Course (E & F): English
- · Practical Examination will be conducted annually for 200 Marks.
- · There shall be separate passing for theory, internal and practical.
- 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



Total Credits for B.Sc.-III (Semester V & VI) : 36