

**STRUCTURE OF M. SC. (QUANTITATIVE ECONOMICS)
2019-20**

SEMESTER-I

Sub. Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
CC-101	History of Economic Thought	4	60	40	60	100
CC-102	Microeconomics	4	60	40	60	100
CC-103	Mathematics for Economic Analysis	4	60	40	60	100
DSE-101 (Any one)	DSE-101-A Statistical Methods for Economics DSE-102-B Demography	4	60	40	60	100
GE-101 (Any one)	GE-101-A Environment & Development GE-101-B Office Automation GE-101-C Fundamentals of Management GE-101-D Indian Social Problems & Services	4	60	40	60	100
AEC-101	AEC-101-A: Introduction to Ms-Excel	4	60	40	60*	100
Total Credits		24	360	240	360	600

*There will be no written exam for AEC-101-A. However, there will be external evaluation at the end of the semester which will be coordinated by the department.

SEMESTER-II

Sub. Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
CC201	Macroeconomics	4	60	40	60	100
CC202	Mathematical Economics	4	60	40	60	100
CC203	Public Finance and Policy	4	60	40	60	100
DSE-201 (Any One)	DSE-201-A Indian Economic Development & Policy (Seminar) DSE-201-B Economics of Banking & Insurance (Seminar)	4	60	100	-	100
GE-201 (Any one)	GE-201-A Disaster Management GE-201-B Management Information System GE-201-C Fundamentals of Accounting GE-201-D Social Welfare Administration	4	60	40	60	100
AEC-201	AEC-201-A: Introduction to SPSS	4	60	40	60*	100
Total Credits		24	360	300	300	600

*There will be no written exam for AEC-201-A. However, there will be external evaluation at the end of the semester which will be coordinated by the department.

SEMESTER-III

Sub. Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
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CC301	International Economics	4	60	40	60	100
CC302	Econometrics-I	4	60	40	60	100
CC303	Research Methods in Economics (Seminar)	4	60	100	-	100
CC304	Economics of Growth and Development	4	60	40	60	100
DSE 301 (Any one)	DSE-301-A Industry & Labour Economics DSE-301-B Environmental Economics DSE-301-C Monetary Economics	4	60	40	60	100
GE 301 (Any one)	GE-301-A Sustainable Agriculture GE-301-B E-Commerce GE-301-C Entrepreneurship Development GE 301-D Fundamentals of Counseling	4	60	40	60	100
AEC-301	AEC-301-A: R-Programming	4	60	40	60*	100
Total Credits		28	420	340	360	700

*There will be no written exam for AEC-301-A. However, there will be external evaluation at the end of the semester which will be coordinated by the department.

SEMESTER-IV

Sub. Code	Subject	Credits	Hours	Int. Marks	Ext. Marks	Total Marks
CC401	Agriculture Economics	4	60	40	60	100
CC402	Indian Financial Institutions and Markets (Seminar)	4	60	100	-	100
CC403	Econometrics- II	4	60	40	60	100
CC404	Project Work& Viva-Voce	4	60	40	60	100
DSE 401 (Any one)	DSE-401-A Financial Economics DSE- 401-B Managerial Economics DSE- 401-C Welfare Economics	4	60	40	60	100
GE-401	GE-401-A Land and Watershed Management GE-401-B Database Management System GE- 401-C Business Ethics GE-401-D Basics of Social Legislation	4	60	40	60	100
AEC-401	AEC-401-A: Python Programming	4	60	40	60*	100
Total Credits		28	420	380	420	700

*There will be no written exam for AEC-401-A. However, there will be external evaluation at the end of the semester which will be coordinated by the department.

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Total Credits

Semesters	Sem.- I	Sem.- II	Sem. III	Sem. IV	Total
Credits	24	24	28	28	104
Marks	600	600	700	700	2600



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**GENERIC ELECTIVE (GE) OFFRED BY ECONOMICS DEPARTMENT TO
STUDENTS OF OTHER DEPARTMENTS:2019-20**

COURSE CODE	SEMESTER	NAME OF THE COURSE
GE-101-A	I	Principles of Economics
GE-201-A	II	Principles of Microeconomics
GE-301-A	III	Fundamentals of Macroeconomics
GE-401-A	IV	Indian Economy

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**Chhatrapati Shahu Institute of Business Education and Research (CSIBER),
Kolhapur**

**Department of Economics, CSIBER, Kolhapur
MSc. Quantitative Economics-I Sem-I 2020-21
Notice for Department Specific Electives (DSE) Selection**

Dt: 26/01/2021

The department of economics is offering the following courses as Department Specific Electives (DSE) for the Semester II. All Students are asked to go through the course content from the syllabus copy and finalise your DSE Course by 3rd February 2021. The courses are:

1. DSE101-E1) Statistical Methods for Economics
2. DSE101-E2) Demography



Dr. T. V. G. Sarma,
HOD, Dept. of Economics,
CSIBER, Kolhapur.

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Mr. V. S. Salokhe

Registrar, CSIBER, Kop

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**Chhatrapati Shahu Institute of Business Education and Research (CSIBER),
Kolhapur**

Department of Economics, CSIBER, Kolhapur

MSc. Quantitative Economics-II Sem-III

Notice for Department Specific Electives (DSE) Selection

Dt: 17/12/2020

The department of economics is offering the following courses as Department Specific Electives (DSE) for the Semester IV. All Students are asked to go through the course content from the syllabus copy and finalise your DSE Course by 20/12/2020. The courses are:

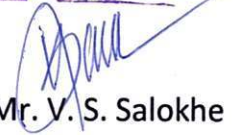
1. DSE301 E1) Industry and Labour Economics
2. DSE301 E2) Environmental Economics
3. DSE 301 E3) Monetary Economics



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HOD, Dept. of Economics,
CSIBER, Kolhapur.

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MBA Programme Structure

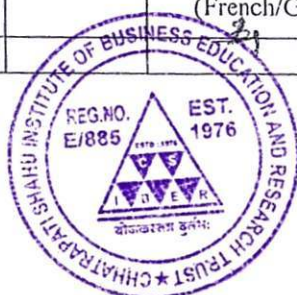
Under C.B.C.S. Pattern
With Effect from 2017-18

MBA-I Semester – I

Nature of Choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	✓ CC 1.1	Fundamentals of Marketing 101	4	60	40	60	100
	✓ CC 1.2	Organizational Behaviour 102	4	60	40	60	100
	✓ CC 1.3	Introduction to Operations Management 103	4	60	40	60	100
	✓ CC 1.4	Accounting for Managerial Decisions 104	4	60	40	60	100
	✓ CC 1.5	Managerial Economics 105	4	60	40	60	100
	✓ CC 1.6	I.T. for Managers 106	4	60	40	60	100
	✓ CC 1.7	Business Statistics 107	4	60	40	60	100
Discipline Specific Elective (DSE)	DSE1 (Any One)	1. ✓ Indian Economic Environment 2. ✓ Service Sector Management 3. ✓ Essentials of Modern Management	4	60	40	60	100
Generic Elective (GE)	GE 1 (Any One)	1. ✓ Environment and Development 2. ✓ Indian Social Problems & Services 3. ✓ Office Automation	4	60	40	60	100
Total			36	540	360	540	900

MBA-I Semester-II

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC 2.1	Research Methodology	4	60	40	60	100
	CC 2.2	Managerial Communication At Work	4	60	40	60	100
	CC 2.3	Financial Analysis and Decision Making	4	60	40	60	100
	CC 2.4	Managing Human Resources	4	60	40	60	100
	CC 2.5	Legal Frame work of Business	4	60	40	60	100
	CC 2.6	Entrepreneurship Development	4	60	40	60	100
Discipline Specific Elective (DSE)	DSE2 Any One	1. Information Systems for Managers 2. Family Business Management 3. Start Up & New Venture Management 4. Operation Research	4	60	40	60	100
Generic Elective (GE)	GE 2	1. Disaster Management 2. Social Welfare Administration 3. Management Information System	4	60	40	60	100
Ability Enhancement course (AEC)	AEC 1	1. Life Skills For Managers 2. Foreign Language (French/German/Japanese)	3	45	40	60	100
Total			35	525	360	540	900



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Semesters	Core Credits	DSE	GE	AEC	Total	Contact Hours	Total Marks
I	7 x 4 = 28	1 x 4 = 4	1 x 4 = 4	--	36	540	900
II	6 x 4 = 24	1 x 4 = 4	1 x 4 = 4	1 x 3 = 3	35	525	900
III	6 x 4 = 24	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 3 = 3	39	585	1000
IV	5 x 4 = 20	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 3 = 3	35	525	900
Total Marks	9600	2400	1600	900			3700
Total Credits	96	24	16	09	145	2175	
Percentage	66.21	16.55	11.03	6.21	100.00		

Note: Average Contact hours per semester are 543.75 hours.

Summary:

	No. of Papers
Core Courses	24
Discipline Specific	6
Generic Elective	4
Ability Enhancement Course	3
Total	37 Papers

Break of Internal Marks

Sr. No	Head	Marks Out of 40	Marks Out of 20
1.	Class Participation	04	02
2.	Field Based Project	10	05
3.	Moodle Test/Quiz	10	05
4.	Seminar	05	02
5.	Library Based Assignment	03	02
6.	Case Study (2 Per Paper)	05	02
7.	Book Reading (2/Semester)	03	02
	Total	40	20

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Revised Structure of MBA (Business Analytics)

(With Effect from 2018-19)

M. B. A. - I Year

MBA-I Semester – I							
Nature of choice	Course Code	Course name	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC 1.1	Marketing Management ✓	4	60	40	60	100
	CC 1.2	Organizational Behavior ✓	4	60	40	60	100
	CC 1.3	Introduction to Operations Management ✓	4	60	40	60	100
	CC 1.4	Accounting for Managerial Decisions ✓	4	60	40	60	100
	CC 1.5	Foundations in Mathematics and statistics ✓	4	60	40	60	100
	CC 1.6	Economics for analyst ✓	4	60	40	60	100
	CC 1.7	Database Management Systems ✓	4	60	40	60	100
108 Discipline Specific Elective (DSE) ✓	DSE1 (Any One)	1. Programming fundamentals and R ✓ 2. Programming fundamentals and Python ✓	4	60	40	60	100
111 Generic Elective (GE) ✓	GE 1 (Any One)	1. Environment and Development ✓ 2. Indian Social Problems & Services ✓ 3. Office Automation ✓	4	60	40	60	100
Total			36	540	360	540	900

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MBA-I Semester-II							
Nature of choice	Course Code	Course name	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC 2.1 ✓	Research Methodology ✓	4	60	40	60	100
	CC 2.2	Operations Research ✓	4	60	40	60	100
	CC 2.3	Data Warehousing and Data mining ✓	4	60	40	60	100
	CC 2.4	Managing Human Resources ✓	4	60	40	60	100
	CC 2.5	Data Exploration & Visualization ✓	4	60	40	60	100
	CC 2.6	Managerial Communication at work ✓	4	60	40	60	100
Discipline Specific Elective (DSE)	DSE2 Any One ✓	1. Simulation Modeling and Expert Systems ✓ 2. Startup and new venture Management	4	60	40	60	100
Generic Elective (GE) ✓	GE 2	1. Disaster Management ✓ 2. Social Welfare Administration ✓ 3. Management Information System ✓	4	60	40	60	100
Ability Enhancement course (AEC)	AEC 1	Life Skills for Managers ✓	3	45	40	60	100
Total			35	525	360	540	900

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Semesters	Core Credits	DSE	GE	AEC	Total	Contact Hours	Total Marks
I	7 x 4 = 28	1 x 4 = 4	1 x 4 = 4	--	36	540	900
II	6 x 4 = 24	1 x 4 = 4	1 x 4 = 4	1 x 3 = 3	35	525	900
III	6 x 4 = 24	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 3 = 3	39	585	1000
IV	5 x 4 = 20	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 3 = 3	35	525	900
Total Marks	9600	2400	1600	900			3700
Total Credits	96	24	16	09	145	2175	
Percentage	66.21	16.55	11.03	6.21	100.00		

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MBA Programme Structure
(Banking and Financial Services)
 Under C.B.C.S. Pattern
 With Effect from 2017-18
 MBA-I Semester – I

Nature of Choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC 1.1 ✓	Banking Operations	4	60	40	60	100
	CC 1.2 ✓	Financial Markets and Services	4	60	40	60	100
	CC 1.3 ✓	Insurance, Banking and Project Management	4	60	40	60	100
	CC 1.4 ✓	Accounting for Managerial Decisions	4	60	40	60	100
	CC 1.5 ✓	Managerial Economics	4	60	40	60	100
	CC 1.6 ✓	I.T. for Managers	4	60	40	60	100
	CC 1.7 ✓	Business Statistics	4	60	40	60	100
108 ✓ Discipline Specific Elective (DSE)	DSE1 (Any One)	1. 109 Indian Economic Environment 2. Service Sector Management ✓ 3. 110 Essentials of Modern Management ✓	4	60	40	60	100
112 ✓ Generic Elective (GE)	GE 1 (Any One)	1. 113 Environment and Development ✓ 2. 114 Indian Social Problems & Services ✓ 3. 115 office Automation ✓	4	60	40	60	100
Total			(36)	540	360	540	900

MBA-I Semester-II

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC 2.1 ✓	Research Methodology ✓	(4) 2	60	40	60	100
	CC 2.2 ✓	Managerial Communication At Work ✓	4	60	40	60	100
	CC 2.3 ✓	Financial Analysis and Decision Making ✓	4	60	40	60	100
	CC 2.4 ✓	Managing Human Resources & OR ✓	4	60	40	60	100
	CC 2.5 ✓	Legal Framework of Business ✓	(4) 2	60	40	60	100
	CC 2.6 ✓	Retail Banking ✓	4	60	40	60	100
Discipline Specific Elective (DSE) ✓	DSE2 Any One	1. Information Systems for Managers ✓ 2. Family Business Management ✓ 3. Start Up & New Venture Management ✓ 4. Operation Research ✓	4	60	40	60	100
Generic Elective (GE) ✓	GE 2	1. Disaster Management ✓	4	60	40	60	100

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		2. Social Welfare Administration ✓ 3. Management Information System ✓					
Ability Enhancement Course (AEC) ✓	AEC 1	1. Life Skills For Managers 2. Foreign Language (French/German/Japanese) ✓	(3) 2	45	40	60	100
Total			(35) 30	525	360	540	900

MBA-II Semester – III

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC 3.1	Organizational Behaviour	4	60	40	60	100
	CC 3.2	Fundamentals of Marketing	4	60	40	60	100
	CC 3.3	Equity Markets ✓	4	60	40	60	100
	CC 3.4	Summer Inplant Training	4	50days + 30	40	60	100
	CC 3.5	Bank Financial Management	4	60	40	60	100
	CC 3.6	Legal Aspects of Banking	4	60	40	60	100
Discipline Specific Elective (DSE) (Any Two)	DSE 3	E-Banking	4	60	40	60	100
	DSE 4	Security Analysis and Portfolio Management ← sem 4 IV	4	60	40	60	100
	DSE 5 ←	Ethics and Corporate Governance in Banks — Business Ethics	4	60	40	60	100
Generic Elective (GE)	GE3 (Any One)	1. Sustainable Agriculture 2. Counseling : Theory and Practice 3. CYBER Law	4	60	40	60	100
Ability Enhancement course (AEC)	AEC 2	Skill Development For Career Management	(3) 2	45	40	60	100
Total			(39) 34	525	400	600	1000

MBA-II Semester – IV

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC 4.1	Rural Banking and Financial Inclusion ✓	4	60	40	60	100
	CC 4.2	Derivatives Markets ✓	4	60	40	60	100
	CC 4.3	Bank Risk Management ✓	4	60	40	60	100
	CC 4.4	International Banking and Forex Management ✓	4	60	40	60	100
	CC 4.5	Entrepreneurship Development ✓	4	60	40	60	100
Discipline Specific Elective (DSE) (Any Two)	DSE 6	Currency and Treasury Management ✓	4	60	40	60	100
	DSE 7	Investment Banking and Hedge Funds ✓	4	60	40	60	100
	DSE 8	Private Equity Funding ✓	4	60	40	60	100

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		and Venture Capital					
	DSE 9	Marketing of Financial Services	4	60	40	60	100
Generic Elective (GE)	GE 4	1. Occupational Health & Safety					
		2. Rural Economy	4	60	40	60	100
		3. Software Development Selection and Procurement					
Ability Enhancement course (AEC)	AEC 3	Advanced MS-Excel	3	45	40	60	100
		Total	35	525	360	540	900

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Semesters	Core Credits	DSE	GE	AEC	Total	Contact Hours	Total Marks
I	7 x 4 = 28	1 x 4 = 4	1 x 4 = 4	--	36	540	900
II	6 x 4 = 24	1 x 4 = 4	1 x 4 = 4	1 x 3 = 3	35	525	900
III	6 x 4 = 24	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 3 = 3	39	585	1000
IV	5 x 4 = 20	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 3 = 3	35	525	900
Total Marks	9600	2400	1600	900			3700
Total Credits	96	24	16	09	145	2175	
Percentage	66.21	16.55	11.03	6.21	100.00		

Note: Average Contact hours per semester are 543.75 hours.

Summary:

	No. of Papers
Core Courses	24
Discipline Specific	6
Generic Elective	4
Ability Enhancement Course	3
Total	37 Papers

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MBA-I, Sem-I

Core Courses (CC)



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S.O. No. 3 Condonation

If a candidate fails in one or more head of passing, having passed in all other heads of passing, his/her deficiency of marks in such head of passing may be condoned by not more than 1% at the aggregate marks of that examination or 10 marks of the total Number of marks of that of passing in which he/she is failing whichever is less. However condonation, whether in one head of passing or aggregate head of passing be restricted to maximum upto 10 marks only.

Condonation of deficiency of marks be shown in the statement of Marks in the form of asterisk and Ordinance number

Provided further that this gracing is concurrent with the rules and guidelines of Professional statutory bodies at the All India level such as AICTE and UGC.

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MBA Programme Structure

Under C.B.C.S. Pattern
With Effect from 2019-20

MBA-I, Semester – I

Nature of Choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Component (CC)	CC 101	Perspectives of Management	4	60	40	60	100
	CC 102	Accounting for Managerial Decisions	4	60	40	60	100
	CC 103	Organizational Behaviour	4	60	40	60	100
	CC 104	Business Statistics	4	60	40	60	100
	CC 105	Fundamentals of Marketing	4	60	40	60	100
Discipline Specific Elective (DSE)	DSE101 (Any One)	DSE 101 (A) Service Sector Management DSE 101 (B) Family Business Management DSE 101 (C) IT for Managers <i>(not to be offered to students opting GE- Office Automation)</i>	4	60	40	60	100
Ability Enhancement Course (AEC)	AEC 101	Life Skills for Managers	2	30	20	30	50
Generic Elective (GE)	GE 101 (Any One)	GE 101 (A) Environment and Development GE 101 (B) Indian Social Problems & Services GE 101 (C) Office Automation GE 101 (D) Principles of Economics	4	60	40	60	100
Total			30	450	300	450	750

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MBA-I Semester-II

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Component (CC)	CC 201	Managerial Economics	4	60	40	60	100
	CC 202	Legal Framework of Business	2	30	20	30	50
	CC 203	Research Methodology	2	30	20	30	50
	CC 204	Financial Management	4	60	40	60	100
	CC 205	Managing Human Resource	4	60	40	60	100
	CC 206	Introduction to Operations Management	4	60	40	60	100
Discipline Specific Elective (DSE)	DSE201 (Any One)	DSE 201 (A) Event and Public Relations Management DSE 201 (B) Operations Research DSE 201 (C) Advanced MS-Excel	4	60	40	60	100
Ability Enhancement Course (AEC)	AEC201 (Any One)	AEC 201 (A) German AEC 201 (B) Japanese AEC 201 (C) French AEC 201 (D) Selling and Negotiation Skills AEC 201 (E) Leadership Building Lab. AEC 201 (F) Digital Marketing AEC 201 (G) Corporate Social Responsibility	2	30	20	30	50
Generic Elective (GE)	GE 201 (Any One)	GE 201 (A) Disaster Management GE 201 (B) Social Welfare Administration GE 201 (C) Management Information System GE 201 (D) Principles of Microeconomics	4	60	40	60	100
Total			30	450	300	450	750

*Value- Added Course on Oral Communication will be offered in Semester-II.

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MBA-II Semester – III

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks	
Core Component (CC)	CC 301	Strategic Management	4	60	40	60	100	
	CC 302	Start-up and Entrepreneurship Development	4	60	40	60	100	
	CC 303	Project report and Viva-voce	4	50days + 30	40	60	100	
	CC-Spl-1-304 (Any Two)		CC-Spl-I-304 (A): International Trade And Finance	4	60	40	60	100
			CC-Spl-I-304 (B): Employee Relations And Labour Law	4	60	40	60	100
Discipline Specific Elective (DSE)	DSE-Spl-II-301 (Any Two)	DSE-Spl-II-301(A): Direct & Indirect Taxes						
		DSE-Spl-II-301 (B): Strategic And International Human Resource Management						
		DSE-Spl-II-301 (C): Retailing, Service And Industrial Marketing						
		DSE-Spl-II-301 (D): Purchasing And Inventory Management						
		DSE-Spl-II-301 (E): Rural And Agricultural Marketing						
		DSE-Spl-II-301 (F): Information System Audit And Control						
Ability Enhancement course (AEC)	AEC-301	AEC-301(A): Lean Management Techniques	2	30	20	30	50	
		AEC-301 (B): Written Communication						
		AEC-301(C): International Business						
		AEC-301(D): Tally ACE						
		AEC-301(E): Fundamentals of Tourism Management						
Generic Elective (GE)	GE-301 (Any One)	GE-301(A) Sustainable Agriculture	4	60	40	60	100	
		GE-301(B) Fundamentals of Counseling						
		GE-301(C) E commerce						
		GE-301 (D) Fundamentals of Macroeconomics						
Total			34	480	340	510	850	

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MBA-II Semester – IV

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Component (CC)	CC 401	Business Ethics and Corporate Governance	4	60	40	60	100
	CC-Spl-I-402 (Any Two)	CC-Spl-I-402-(A) Management Accounting And Control System	4	60	40	60	100
		CC-Spl-I-402- (B) Corporate Psychology	4	60	40	60	100
		CC-Spl-I- 402-(C) Contemporary Issues In Marketing					
		CC-Spl-I-402- (D) Modern Approaches To Quality Management					
		CC-Spl-I-402-(E) Agri-Production And Supply Chain Management					
		CC-Spl-I-402-(F) Applied Data Science And Business Analytics Using R					
Discipline Specific Elective (DSE)	DSE-Spl-II-401 (Any Two)	DSE-Spl-II-401- (A) Investment And Portfolio Management	4	60	40	60	100
		DSE-Spl-II- 401(B) Talent And Human Capital Management	4	60	40	60	100
		DSE-Spl-II-401-(C) Marketing Strategy, CRM And Retail Marketing					
		DSE-Spl-II-401-(D) Project Management					
		DSE-Spl-II-401-(E) Agri-Commodity Markets And Agri-Business.					
		DSE-Spl-II-401-(F) Software Engineering And I.T. Project Management					
Ability Enhancement course (AEC)	AEC-401	Change Management	2	30	20	30	50
Generic Elective (GE)	GE-401	GE401- (A) Land and Watershed Management GE- 401- (B) Basics of Social Legislation GE- 401-(C) Basic Concepts of DBMS GE- 401- (D) Indian Economy	4	60	40	60	100
Total			26	390	260	390	650

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Semesters	Core Credits	DSE	GE	AEC	Total	Contact Hours	Total Marks
I	5 x 4 = 20	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	30	450	750
II	4 x 4 = 16 2 x 2 = 4	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	30	450	750
III	5 x 4 = 20	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	34	380	850
IV	3 x 4 = 12	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	26	390	650
Total Marks	1800	600	400	200			3000
Total Credits	72	24	16	08	120	1670	
Percentage	60	20	13.33	6.67	100		

Note: Average Contact hours per semester are 417.5 hours.

Summary:

Nature of Paper	No. of Papers
Core Component	17 (4 credit)+ 2 (2 credit)
Discipline Specific	6
Generic Elective	4
Ability Enhancement Course	4
Total	33 Papers

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MBA - I

Semester - I

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Semester		Total Credit	4
Course Code	CC 101	Credit Pattern	L-45, T-8, P-7
Course Title	PERSPECTIVES OF MANAGEMENT		
Course Objectives:			
1	To make students understand fundamental concepts and principles of management, including the basic roles, skills, and functions of management.		
2	To make students aware historical development, theoretical aspects and practical application of managerial process.		
3	To introduce students to modern concepts and trends in Management		
Course Outcomes: Students will be able to;			
1.	Discuss management evolution and how it can affect future managers		
2.	Analyze and attain elementary level of skills in management process and functions: planning, organizing, staffing, deciding, controlling and budgeting.		
3.	Evaluate leadership styles to anticipate the consequences of each leadership style		
4.	Describe new trends in Management.		

Unit Number	Contents	Number of Sessions	
1	Basic Management Concepts: (15) Management- Definition, Scope. Functions of Management, Managerial Skills, Levels of Management and their functions, Henry Mintzberg- Roles of a Manager, Management and Administration. Evolution of Management: Classical Approach, Scientific Management Approach – Contribution of F. W. Taylor, Henri Fayol, Systems approach, – Peter Drucker (Drucker's MBO Philosophy), Characteristics of Management Today	L= 11	
		T= 2	P= 2
2	Planning and Organizing: (15) Planning - Nature, Types- Standing plans- Objectives, Strategy, Policies, Procedures, Rules, and Single-use plans, Process and Importance of Planning, Limitations of Planning, Making Planning Effective. Organizing - Meaning, Process of Organizing. Organization Structure- Principles, and Characteristics, Types- Mechanistic and Organic, Organization Structure and Culture, Departmentalization- on bases of Customer, Geographical area, product, process, function, Span Of Management- Factors considered while deciding span of management, Concept of Responsibility, Authority, Accountability and Delegation	L= 12	
		T= 2	P= 1
3	Directing, and Controlling: (15) Directing - Definition, Characteristics and Importance. Decision Making – Process, Types of Decisions Leadership - Types, Qualities of Leader, Leader vs. Manager Controlling - Steps in Control Process – Need – Types of Control Methods – Benefits of controlling. Communication - Process and barriers of communication.	L= 11	
		T= 2	P= 2
4	New concepts and Trends in Management: (15) Corporate Social Responsibility- concept, arguments for and against Social Responsibilities, CSR Initiatives taken by different organizations. Virtual Organizations- Characteristics, Advantages and Limitations Organizational Diversity- Factors responsible, Benefits and Barriers Globalization – Forces, Opportunities and risks in Global Business Culture in Global Organizations, Green management.	L=11	
		T= 2	P= 2

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STRUCTURE FOR MBA (Business Analytics)

To be implemented from

Academic year 2019-20

MBA-I (Business Analytics), Semester I

Nature of Choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Component (CC)	CC- 101	Principles of Management and Organizational Behavior	4	60	40	60	100
	CC- 102	Accounting for Managerial Decisions	4	60	40	60	100
	CC- 103	Database Management Systems	4	60	40	60	100
	CC- 104	Foundations in Mathematics and statistics	4	60	40	60	100
	CC- 105	Fundamentals of Marketing	4	60	40	60	100
Discipline Specific Elective (DSE)	DSE-101 (Any One)	DSE- 101- (A) Programming fundamentals and R DSE- 101- (B) Programming fundamentals and Python	4	60	40	60	100
Ability Enhancement Course(AEC)	AEC- 101	AEC-101 Life Skills for Managers	2	30	20	30	50
Generic Elective (GE)	GE- 101 (Any One)	GE 101 (A) Environment and Development GE 101 (B) Indian Social Problems & Services GE 101 (C) Office Automation GE 101 (D) Principles of Economics	4	60	40	60	100
		Total	30	450	300	450	750

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MBA-I (Business Analytics), Semester II

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Component (CC)	CC-201 ✓	Economics for Analysts	2	30	20	30	50
	CC- 202 ✓	Managing Human Resource	4	60	40	60	100
	CC- 203 ✓	Research Methodology	2	30	20	30	50
	CC- 204 ✓	Data Warehousing and Data Mining	4	60	40	60	100
	CC- 205 ✓	Operations Research	4	60	40	60	100
	CC- 206 ✓	Data Exploration and Data Visualisation	4	60	40	60	100
Ability Enhancement Course (AEC)	AEC-201 (Any One)	List of choices: AEC-201-A German ✓ AEC- 201-B Japanese ✓ AEC-201- C French ✓ AEC-201-D Selling and Negotiation Skills ✓ AEC-201-E Leadership - Building Lab. ✓ AEC-201-F Digital Marketing ✓ AEC-201-G Corporate Social Responsibility ✓	2	30	20	30	50
Discipline Specific Elective (DSE) ✓	DSE-201 (Any One) ✓	DSE -201- Simulation Modeling and Expert Systems	4	60	40	60	100
Generic Elective (GE) ✓	✓ GE-201	GE 201 (A) Disaster Management ✓ GE 201 (B) Social Welfare Administration ✓ GE 201 (C) Management Information System GE 201 (D) Principles of Microeconomics ✓	4	60	40	60	100
		Total	30	450	300	450	750

*Value- Added Course on Oral Communication will be offered in Semester-II.

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MBA-II (Business Analytics), Semester III

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Component (CC)	CC-301	Strategic Management ✓	4	60	40	60	100
	CC-302	Cloud Computing ✓	4	60	40	60	100
	CC-303	Project Report and Viva-Voce ✓	4	50 days +30 for SIP report guidance	40	60	100
	CC-304	Machine Learning ✓	4	60	40	60	100
	CC-Spl-II-305 (Any One)	CC- Spl-II-305- (A): International Trade And Finance ✓ CC- Spl-II-305 -(B): Employee Relations And Labour Law. ✓ CC-Spl-II-305-(C): IMC and Sales Management ✓ CC-Spl-II-305-(D): Logistics and Supply Chain Management ✓ CC-Spl-II-305-(E): Agri-Business, Entrepreneurship and Cooperatives ✓ CC-Spl-II-305-(F): Knowledge Management and ERP System. ✓	4	60	40	60	100
	DSE-301	Business Analytics using R ✓	4	60	40	60	100
	DSE-Spl-II-302 (Any One)	DSE-Spl-II-302-(A): Direct & Indirect Taxes ✓ DSE-Spl-II-302-(B): Strategic And International Human Resource Management ✓ DSE-Spl-II-302-(C): Retailing, Service And Industrial Marketing ✓ DSE-Spl-II-302-(D): Purchasing And Inventory Management ✓ DSE-Spl-II-302-(E): Rural And Agricultural Marketing ✓ DSE-Spl-II-302-(F): Information System Audit and Control ✓	4	60	40	60	100

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Ability Enhancement course (AEC)	AEC- 301 (Any One)	AEC 301 (A): Lean Management Techniques ✓ AEC 301 (B): Written Communication ✓ AEC 301 (C): International Business ✓ AEC 301 (D): Tally and GST ✓ AEC 301 (E): Fundamentals of Tourism Management ✓	2	30	20	30	50
Generic Elective (GE)	GE-301 (Any One)	GE-301-(A) Sustainable Agriculture ✓ GE-301-(B) Fundamentals of Counseling ✓ GE-301-(C) E commerce ✓ GE- 301 (D) Fundamentals of Macroeconomics ✓	4	60	40	60	100
		Total	34	480	340	510	850

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MBA-II (Business Analytics), Semester IV

0Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Component (CC)	✓ CC 401	Big Data Analytics	4	60	40	60	100
	✓ CC-402	Social Media Analytics	4	60	40	60	100
	✓ CC-Spl-II-403- (A) Management Accounting And Control System ✓ CC-Spl-II-403- (B) Corporate Psychology ✓ CC-Spl-II-403- (C) Contemporary Issues In Marketing ✓ CC-Spl-II-403- (D) Modern Approaches To Quality Management ✓ CC-Spl-II-403- (E) Agri-Production And Supply Chain Management ✓ CC-Spl-II-403- (F) Applied Data Science And Business Analytics Using R	CC-Spl-II-403 (Any One)	4	60	40	60	100
Discipline Specific Elective (DSE)	✓ DSE-401	Analytics for Business Decisions	4	60	40	60	100
	✓ DSE-Spl-II-402 (A) Investment And Portfolio Management ✓ DSE-Spl-II-402 (B) Talent And Human Capital Management ✓ DSE-Spl-II-402 (C) Marketing Strategy, CRM And Retail Marketing ✓ DSE-Spl-II-402 (D) Project Management ✓ DSE-Spl-II-402 (E) Agri-Commodity Markets And Agri-Business. ✓ DSE-Spl-II-402 (F) Software Engineering And I.T. Project Management	DSE-Spl-II-402 (Any One)	4	60	40	60	100

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Ability Enhancement course (AEC)	AEC-401	Change Management	2	30	20	30	50
Generic Elective (GE)	GE-401	<input checked="" type="checkbox"/> GE401- (A) Land and Watershed Management <input checked="" type="checkbox"/> GE- 401- (B) Basics of Social Legislation <input checked="" type="checkbox"/> GE- 401-(C) Basic Concepts of DBMS <input checked="" type="checkbox"/> GE- 401- (D) Indian Economy	4	60	40	60	100
		Total	26	390	260	390	650

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MBA Programme (Banking and Financial Services)

Under C.B.C.S. Pattern

With Effect from 2019-20

MBA-I (Banking and Financial Services), Semester – I

Nature of Choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Component (CC)	CC 101	Banking Operations	4	60	40	60	100
	CC 102	Banking and Project Management	4	60	40	60	100
	CC 103	Accounting for Managerial Decisions	4	60	40	60	100
	CC 104	Fundamentals of Marketing	4	60	40	60	100
	CC 105	Business Statistics	4	60	40	60	100
Discipline Specific Elective (DSE)	DSE-101 (Any One)	DSE-101- (A) Service Sector Management DSE-101-(B) Family Business Management DSE-101-(C) IT for Managers <i>(not to be offered to students opting GE- Office Automation)</i>	4	60	40	60	100
Ability Enhancement Course (AEC)	AEC 101	Life Skills for Managers	2	30	20	30	50
Generic Elective (GE)	GE 1(Any One)	GE 101 (A) Environment and Development GE 101 (B) Indian Social Problems & Services GE 101 (C) Office Automation GE 101 (D) Principles of Economics	4	60	40	60	100
Total			30	450	300	450	750

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MBA-I (Banking and Financial Services), Semester-II

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Component (CC)	CC 201	Research Methodology ✓	2	30	20	30	50
	CC 202	Legal Aspects of Banking ✓	4	60	40	60	100
	CC 203	Financial Management ✓	4	60	40	60	100
	CC 204	Organisational Behaviour and Managing Human Resources ✓	4	60	40	60	100
	CC 205	Financial Markets And Services ✓	2	30	20	30	50
	CC 206	Retail Banking ✓	4	60	40	60	100
Discipline Specific Elective (DSE)	DSE 201 Any One ✓	DSE-201-A Event and Public Relations Management ✓ DSE-201-B Operations Research ✓ DSE-201-C Advanced Excel ✓	4	60	40	60	100
Ability Enhancement Course (AEC)	AEC 201 (Any One) ✓	AEC 201 (A) German ✓ AEC 201 (B) Japanese ✓ AEC 201 (C) French ✓ AEC 201 (D) Selling and Negotiation Skills ✓ AEC 201 (E) Leadership Building Lab. ✓ AEC 201 (F) Digital Marketing ✓ AEC 201 (G) Corporate Social Responsibility ✓	2	30	20	30	50
Generic Elective (GE)	GE 2 ✓	GE 201 (A) Disaster Management ✓ GE 201 (B) Social Welfare Administration ✓ GE 201 (C) Management Information System ✓ GE 201 (D) Principles of Microeconomics ✓	4	60	40	60	100
Total			30	450	300	450	750

*Value- Added Course on Oral Communication will be offered in Semester-II.

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MBA-I (Banking and Financial Services), Semester – III

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Component (CC)	CC 301	Strategic Management ✓	4	60	40	60	100
	CC 302	Business Ethics and Corporate Governance ✓	4	60	40	60	100
	CC 303	Summer Inplant Training ✓	4	50days + 30	40	60	100
	CC 304	Equity Markets ✓	4	60	40	60	100
	CC-Spl-II-305 (Any One)	CC- Spl-II-305- (A): International Trade And Finance ✓ CC- Spl-II-305 -(B): Employee Relations And Labour Law. ✓ CC-Spl-II-305-(C): IMC and Sales Management ✓ CC-Spl-II-305-(D): Logistics and Supply Chain Management ✓ CC-Spl-II-305-(E): Agri-Business, Entrepreneurship ✓ and Cooperatives ✓ CC-Spl-II-305-(F): Knowledge Management and ERP System. ✓	4	60	40	60	100
Discipline Specific Elective (DSE)	DSE 301	Bank Financial Management ✓	4	60	40	60	100
	DSE-Spl-II-302 (Any One)	DSE-Spl-II-302-(A): Direct & Indirect Taxes ✓ DSE-Spl-II-302-(B): Strategic And International Human Resource Management ✓ DSE-Spl-II-302-(C): Retailing, Service And Industrial Marketing ✓ DSE-Spl-II-302-(D): Purchasing And Inventory Management ✓ DSE-Spl-II-302-(E): Rural And Agricultural Marketing ✓ DSE-Spl-II-302-(F): Information System ✓ Audit And Control ✓	4	60	40	60	100
Ability Enhancement course	AEC-301	AEC-301-(A): Lean Management ✓ Techniques ✓	2	30	20	30	50

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(AEC)		AEC- 301-(B): Written Communication ✓ AEC-301-(C): ✓ International Business AEC-301-(D): Tally ✓ ACE ✓ AEC-301-(E): Fundamentals of Tourism Management ✓					
Generic Elective (GE)	9 GE-301 ✓	GE-301-(A) Sustainable Agriculture ✓ GE-301-(B) Fundamentals of Counseling ✓ GE-301-(C) commerce ✓ GE- 301 (D) Fundamentals of Macro economics ✓	4	60	40	60	100
		Total	34	480	340	510	850

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MBA-I (Banking and Financial Services), Semester – IV

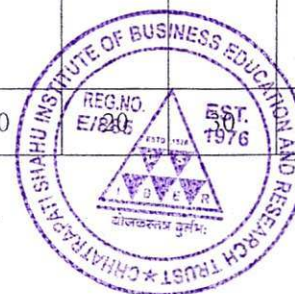
Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks	
Core Component (CC)	✓ CC 401	Currency and Treasury Management	4	60	40	60	100	
	✓ CC 402	Bank Risk Management	4	60	40	60	100	
	✓ CC-Spl-II-403- (Any one)	✓ CC-Spl-II-403- (A)	Management Accounting And Control System	4	60	40	60	100
		✓ CC-Spl-II-403- (B)	Corporate Psychology					
		✓ CC-Spl-II-403- (C)	Contemporary Issues In Marketing					
		✓ CC-Spl-II-403- (D)	Modern Approaches To Quality Management					
		✓ CC-Spl-II-403- (E)	Agri-Production And Supply Chain Management					
✓ CC-Spl-II-403- (F)	Applied Data Science And Business Analytics Using R							
Discipline Specific Elective (DSE)	✓ DSE 401	International Banking and Forex Management	4	60	40	60	100	
	✓ DSE-Spl-II-402 (Any One)	✓ DSE-Spl-II-402(A)	Investment And Portfolio Management	4	60	40	60	100
		✓ DSE-Spl-II- 402 (B)	Talent And Human Capital Management					
		✓ DSE-Spl-II-402(C)	Marketing Strategy, CRM And Retail Marketing					
		✓ DSE-Spl-II-402-(D)	Project Management					
		✓ DSE-Spl-II-402 (E)	Agri-Commodity Markets And Agri-Business.					
✓ DSE-Spl-II-402(F)	Software Engineering And I.T. Project Management							
Ability Enhancement	AEC 401	Rural Banking and Financial Inclusion	2	30			50	

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course (AEC)							
Generic Elective (GE)	GE 401	✓ GE401- (A) Land and Watershed Management	4	60	40	60	100
		✓ GE- 401- (B) Basics of Social Legislation					
		✓ GE- 401-(C) Basic Concepts of DBMS					
		1.GE- 401- (D) Indian Economy					
		Total	26	390	260	390	650

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Semesters	Core Credits	DSE	GE	AEC	Total	Contact Hours	Total Marks
I	5 x 4 = 20	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	30	450	750
II	4 x 4 = 16 2 x 2 = 4	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	30	450	750
III	5 x 4 = 20	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	34	480	850
IV	3 x 4 = 12	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	26	390	650
Total Marks	1800	600	400	200	3000	1770	3000

	Core	DSE	GE	AEC	TOTAL
Total Credits	72	24	16	08	120
Percentage	60	20	13.33	6.67	100.00

Note: Average Contact hours per semester are 442.5 hours.

Summary:

	No. of Papers
Core Courses	19
Discipline Specific	6
Generic Elective	4
Ability Enhancement Course	4
Total	33 Papers

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Semesters	Core Credits	DSE	GE	AEC	Total	Contact Hours	Total Marks
I	5 x 4 = 20	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	30	450	750
II	4 x 4 = 16 2 x 2 = 4	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	30	450	750
III	5 x 4 = 20	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	34	480	850
IV	3 x 4 = 12	1 x 4 = 4 1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	26	390	650
Total Marks	1800	600	400	200	3000	1770	3000

	Core	DSE	GE	AEC	TOTAL
Total Credits	72	24	16	08	120
Percentage	60	20	13.33	6.67	100.00

Summary:

	No. of Papers
Core Courses	19
Discipline Specific	6
Generic Elective	4
Ability Enhancement Course	4
Total	33 Papers

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Notice

DSE Selection

MBA (BA)

01 – 03 – 2021

Students are hereby informed to select their DSE subjects for Sem II. The Google form will be circulated and kept open from 01 – 03 – 2021 to 5th Mar 2021

The following subjects are available for Sem II are as follows:

1. Programming Fundamentals and R
2. Programming Fundamentals and Python

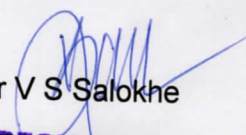
Your preferences have to be given before 5th March 2021



Mrs M K Mane

Chairman MBA
Chh. Shahu Institute of Business
Education & Research Kolhapur

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Mr V S Salokhe

Registrar
Chh. Shahu Institute of Business Education & Research
University Road, Kolhapur.



Notice

DSE Selection

MBA (Gen) & MBA (BFS)

01 – 03 – 2021

Students are hereby informed to select their DSE subjects for Sem I. The Google form will be circulated and kept open from _____ to _____

The following subjects are available for Sem II are as follows:

1. DSE 101 (A) Service Sector Management
2. DSE 101 (B) Family Business Management
3. DSE 101 (C) IT for Managers (**not to be offered to students opting GE- Office Automation**)

Your preferences have to be given before _____



Mrs M K Mane

Chairperson MBA

Chh. Shahu Institute of Business
Education & Research Kolhapur.

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Mr V S Salokhe

Registrar

Chh. Shahu Institute of Business Education & Research
University Road, Kolhapur.



Notice

AEC Selection

6- 07 - 2021

Students are hereby informed to select their AEC subjects for Sem II. The Google form will be circulated and kept open from 6 – 07 – 2021 to 10 – 07 – 2021.

The following subjects are available for Sem II are as follows:

1. AEC 201 (A) German
2. AEC 201 (B) Japanese
3. AEC 201 (C) French
4. AEC 201 (D) Selling and Negotiation Skills
5. AEC 201 (E) Leadership Building Lab.
6. AEC 201 (F) Digital Marketing
7. AEC 201 (G) Corporate Social Responsibility

Your preferences have to be given before 10th July 2021

M. Mane

Mrs M K Mane

Chairperson MBA
Chh. Shahu Institute of Business
Education & Research Kolhapur.

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V. S. Salokhe
Mr V S Salokhe

Registrar
Chh. Shahu Institute of Business Education & Research
University Road, Kolhapur.



General Elective (GE) Selection Process

1. Registration of the Students:

- a. All students of Ist Year – Ist Semester of all programs need to register themselves before applying for General Elective Subject Selection.
- b. Student Registration Link will be available on Institute Website up to 1st, March 2021.
- c. The student will loose academic year if failed to register within stipulated time.
- d. Click on the link given below for online registration:
<http://www.siberindia.edu.in/generic>

From the main menu select 'Student Registration' option.

- e. Fill all the Details carefully asked in the registration form.
- f. Without Registration, students will not be eligible to apply for General Elective Subject Selection Process.
- g. Preserve PDF of registration receipt for any future reference.
- h. GE subject once selected cannot be changed.

2. Information about all General Elective Subjects offered by the Institute:

- a. Name & Syllabus of all General Elective subjects offered by all the departments is available on the Institute Website.
- b. Read the syllabus of all 4 General Elective Subjects except the General Elective subject offered by your department.
- c. Students have to select only one subject out of 4 General Elective Subjects based on their interest.

3. Rules & Regulations for Selecting General Elective Subject:

- a. Students are advised to read all the instructions carefully.
- b. One student can apply only for one GE Subject.
- c. Students cannot apply for the subject offered by their own Department, they have to apply for Only One GE Subject offered by other 4

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Departments.

- d. Admission Process will be carried out on First Come First Serve Basis by system.
- e. Intake Capacity for Each General Elective Subject is 120.
- f. Once 120 seats get filled, the respective Generic Elective Subject will not be available for selection. Students have to apply for other available General Elective subject.
- g. General Elective Selection Link will be Open from 11.00 am 2nd March, 2021 to 5.00 pm 3rd March, 2021.
- h. The student will loose academic year if failed to apply within stipulated time.
- i. Preserve PDF of GE Subject Allocation receipt for any future reference.

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University Road, Kolhapur.

General Elective (GE) Selection Process

1. Registration of the Students:

- a. All students of IInd Year – IVth Semester of all programs need to register themselves before applying for General Elective Subject Selection.
- b. Student Registration Link will be available on Institute Website from 1st, May 2021 to 3rd, May 2021.
- c. The student will loose academic year if failed to register within stipulated time.
- d. Click on the link given below for online registration:

<http://www.siberindia.edu.in/generic>

From the main menu select 'Student Registration' option.
- e. Fill all the Details carefully asked in the registration form.
- f. Without Registration, students will not be eligible to apply for General Elective Subject Selection Process.
- g. Preserve PDF of registration receipt for any future reference.
- h. The selected GE subject can be changed if and only if the vacancy is available.

2. Information about all General Elective Subjects offered by the Institute:

- a. Name & Syllabus of all General Elective subjects offered by all the departments is available on the Institute Website.
- b. Read the syllabus of all 4 General Elective Subjects except the General Elective subject offered by your department.
- c. Students have to select only one subject out of 4 General Elective Subjects based on their interest.

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3. Rules & Regulations for Selecting General Elective Subject:

- a. Students are advised to read all the instructions carefully.
- b. One student can apply only for one GE Subject.



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- c. Students cannot apply for the subject offered by their own Department; they have to apply for Only One GE Subject offered by other 4 Departments.
- d. Admission Process will be carried out on First Come First Serve Basis by system.
- e. Intake Capacity for Each General Elective Subject is 120.
- f. Once 120 seats get filled, the respective Generic Elective Subject will not be available for selection. Students have to apply for other available General Elective subject.
- g. General Elective Selection Link will be Open from 11.00 AM 5th May, 2021 to 5.00 PM 6th May, 2021.
- h. The student will loose academic year if failed to apply within stipulated time.
- i. Preserve PDF of GE Subject Allocation receipt for any future reference.

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University Road, Kolhapur – 416 004 (MS)
An Autonomous Institute under UGC & Shivaji University Acts,
with CPE (College with Potential for Excellence) Status &
Reaccredited By NAAC with "A" Grade

Department of Computer Studies

Prof. Dr. C.S.Dalvi
I/c Director

Prof. Dr. R. V. Kulkarni
Head, Dept. of Computer Studies

Late Prof. Dr. A.D.Shinde
Founder Director

Prof. Dr. R. A. Shinde
Managing Trustee & Secretary

Date-19th July, 2016

NOTICE

All the students of MCA-I Sem-I, MCA-II-Sem-III and MCA-III Sem-V are hereby informed that the Enrolment for DSE and AEC offered by Department of Computer Studies will start from 20th July, 2016. The last date for registration is 23rd July, 2016. The names should be enrolled with the course coordinators of the respective classes.

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Founder Director

Prof. Dr. R. A. Shinde
Managing Trustee & Secretary

Date-20th December, 2016

NOTICE

All the students of MCA-I Sem-II, MCA-II Sem-IV are hereby informed that the Enrolment for DSE and AEC offered by Department of Computer Studies will start from 21st December, 2016. The last date for registration is 24th December, 2016. The names should be enrolled with the course coordinators of the respective classes.

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Founder Director

Prof. Dr. R. A. Shinde
Managing Trustee & Secretary

Date-18th July, 2017

NOTICE

All the students of MCA-I Sem-I, MCA-II-Sem-III and MCA-III Sem-V are hereby informed that the Enrolment for DSE and AEC offered by Department of Computer Studies will start from 19th July, 2017. The last date for registration is 22nd July, 2017. The names should be enrolled with the course coordinators of the respective classes.

Dr.R.V.Kulkarni
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Late Prof. Dr. A.D.Shinde
Founder Director

Prof. Dr. R. A. Shinde
Managing Trustee & Secretary

Date-2nd January, 2018

NOTICE

All the students of MCA-I Sem-II, MCA-II Sem-IV are hereby informed that the Enrolment for DSE and AEC offered by Department of Computer Studies will start from 3rd January, 2018. The last date for registration is 6th January, 2018. The names should be enrolled with the course coordinators of the respective classes.

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Head, Dept. of Computer Studies

Late Prof. Dr. A.D.Shinde
Founder Director

Prof. Dr. R. A. Shinde
Managing Trustee & Secretary

Date-24th July, 2018

NOTICE

All the students of MCA-I Sem-I, MCA-II-Sem-III, MCA-III Sem-V and M.Sc.-I Sem-I are hereby informed that the Enrolment for DSE and AEC offered by Department of Computer Studies will start from 25th July, 2018. The last date for registration is 28th July, 2018. The names should be enrolled with the course coordinators of the respective classes.

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Head, Dept. of Computer Studies

Late Prof. Dr. A.D.Shinde
Founder Director

Prof. Dr. R. A. Shinde
Managing Trustee & Secretary

Date-8th January, 2019

NOTICE

All the students of MCA-I Sem-II, MCA-II Sem-IV and M.Sc.-I Sem-II are hereby informed that the Enrolment for DSE and AEC offered by Department of Computer Studies will start from 9th January, 2019. The last date for registration is 12th January, 2019. The names should be enrolled with the course coordinators of the respective classes.

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Head, Dept. of Computer Studies


Late Prof. Dr. A.D.Shinde
Founder Director

Prof. Dr. R. A. Shinde
Managing Trustee & Secretary

Date-23rd July, 2019

NOTICE

All the students of MCA-I Sem-I, MCA-II-Sem-III, MCA-III Sem-V, M.Sc.-I Sem-I and M.Sc.-II Sem-III are hereby informed that the Enrolment for DSE and AEC offered by Department of Computer Studies will start from 24th July, 2019. The last date for registration is 27th July, 2019. The names should be enrolled with the course coordinators of the respective classes.


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Head, Dept. of Computer Studies

Late Prof. Dr. A.D.Shinde
Founder Director

Prof. Dr. R. A. Shinde
Managing Trustee & Secretary

Date-21st January, 2020

NOTICE

All the students of MCA-I Sem-II, MCA-II Sem-IV and M.Sc.-I Sem-II are hereby informed that the Enrolment for DSE and AEC offered by Department of Computer Studies will start from 22nd January, 2020. The last date for registration is 25th January, 2020. The names should be enrolled with the course coordinators of the respective classes.

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Prof. Dr. R. V. Kulkarni
Head, Dept. of Computer Studies

Late Prof. Dr. A.D.Shinde
Founder Director

Prof. Dr. R. A. Shinde
Managing Trustee & Secretary

Date-23rd February, 2021

NOTICE

All the students of MCA-I Sem-I, MCA-II-Sem-III, MCA-III Sem-V, M.Sc.-I Sem-I and M.Sc.-II Sem-III are hereby informed that the Enrolment for DSE and AEC offered by Department of Computer Studies will start from 24th February, 2021. The last date for registration is 27th February, 2021. The names should be enrolled with the course coordinators of the respective classes.

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Department of Computer Studies

Prof. Dr. C.S.Dalvi
I/c Director

Prof. Dr. R. V. Kulkarni
Head, Dept. of Computer Studies

Late Prof. Dr. A.D.Shinde
Founder Director

Prof. Dr. R. A. Shinde
Managing Trustee & Secretary

Date-13th July, 2021

NOTICE

All the students of MCA-I Sem-II, MCA-II Sem-IV and M.Sc.-I Sem-II are hereby informed that the Enrolment for DSE and AEC offered by Department of Computer Studies will start from 14th July, 2021. The last date for registration is 17th July, 2021. The names should be enrolled with the course coordinators of the respective classes.

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MCA (Choice Based Credit System)
(Under Faculty of Science)
(Introduced from June 2016 and Onwards)
 To be implemented from the academic year 2016-2017

Semester – I							
Sr. No.	Subject Code	Subject Title	Internal Marks	External Marks	CP	Workload per Week	
						T	P
1	IT11	Computer Architecture	20	80	4	4	-
2	IT12	Programming with C	20	80	4	4	-
3	IT13	Database Management System	20	80	4	4	-
4	BM11	Principles & Practices of Management	20	80	4	4	-
5	MT11	Fundamental of Mathematics	20	80	4	4	-
6	CS11	Communication Skill –I	50		2	2	-
7	IT12L	LAB I (Programming in C)		100	4	-	4
8	IT13L	LAB II (Database Management System)		100	4	-	4
Total			150	600	30	22	8

Semester – II							
Sr. No.	Subject Code	Subject Title	Internal Marks	External Marks	CP	Workload per Week	
						T	P
1	IT21	Operating System	20	80	4	4	-
2	IT22	Data Structure	20	80	4	4	-
3	IT23	Object oriented Programming using C++	20	80	4	4	-
4	BM21	Accounting for Managers	20	80	4	4	-
5	MT21	Statistical Computing	20	80	4	4	-
6	MP21	Mini Project	50		2	2	-
7	IT22L	LAB III (Data Structure)		100	4	-	4
8	IT23L	LAB IV (Object oriented Programming using C++)		100	4	-	4
Total			150	600	30	22	8

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Semester – III							
Sr. No.	Subject Code	Subject Title	Internal Marks	External Marks	CP	Workload per Week	
						T	P
1	IT31	Software Engineering	20	80	4	4	-
2	IT32	Java Programming	20	80	4	4	-
3	IT33	Computer Networks	20	80	4	4	-
4	BM31	Management Support System	20	80	4	4	-
5	MT31	Probability and Combinatorics	20	80	4	4	-
6	CS31	Communication Skill –II	50		2	2	-
7	IT32L	LAB V (Java Programming)		100	4	-	4
8	IT33L	LAB VI (Open Source Languages)		100	4	-	4
Total			150	600	30	22	8

Semester – IV							
Sr. No.	Subject Code	Subject Title	Internal Marks	External Marks	CP	Workload per Week	
						T	P
1	IT41	Advance Java	20	80	4	4	-
2	IT42	Data Mining	20	80	4	4	-
3	IT4E	Elective I IT4E.1 Computer Graphics IT4E.2 Cloud Computing IT4E.3 Python Programming IT4E.4 Theory of Computation	20	80	4	4	-
4	BM41	Organizational Behavior	20	80	4	4	-
5	BM4E	Elective I BM4E.1 Entrepreneurship Development BM4E.2 Human Resource Management BM4E.3 Supply Chain Management BM4E.4 Performance Evaluation & Computer Centre Management	20	80	4	4	-
6	MP41	Mini Project	50		2	2	-
7	IT41L	LAB VII (Advance Java)		100	4	-	4
8	IT42L	LAB VIII (Data Mining)		100	4	-	4
Total			150	600	30	22	8

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Semester – V							
Sr. No.	Subject Code	Subject Title	Internal Marks	External Marks	CP	Workload per Week	
						T	P
1	IT51	Artificial Intelligence and Applications	20	80	4	4	-
2	IT52	Advance Web Technology	20	80	4	4	-
3	IT5E	Elective II IT5E.1 Cryptography & Network security IT5E.2 Distribute Computing IT5E.3 Mobile Computing IT5E.4 Big Data Management	20	80	4	4	-
4	BM5E	Elective II BM5E.1 Management Information System BM5E.2 Knowledge Management BM5E.3 Software Project Management & Quality Assurance BM5E.4 Enterprise Resource Planning	20	80	4	4	
5	MT51	Optimization Techniques	20	80	4	4	
6	CS51	Industrial Seminar	50		2	2	-
7	IT51L	LAB IX (Artificial Intelligence and Applications)		100	4	-	4
8	IT52L	LAB X (Advance Web Technology)		100	4	-	4
Total			150	600	30	22	8

Semester – VI					
Sr. No.	Subject Code	Subject Title	Internal	External	CP
1	IT61	Project Work	200	300	20

6. Teaching and Practical Scheme

1. Period for teaching or practical should be of 60 minutes each.
2. Minimum 45 periods should be conducted for each subject of 80 Marks.
3. One Practical Batch should be of 30 students.
4. Practical evaluation should be conducted before the commencement of University examination.

7. Project Work

At the end of the sixth semester of study, a student will be examined in the course "Project Work".

1. Project work may be done individually or in groups in case of bigger projects. However if project is done in groups, each student must be given a responsibility for a distinct module and care should be taken to see the progress of individual modules is independent of others.
2. Students should take guidance from an internal guide and prepare a Project Report on "Project Work" in **2 copies** to be submitted to the Director of the Institute.



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Chh. Shahu Institute of Business Education & Research
University Road, Kolhapur.

Implemented from 2017
M. C. A. - I Semester-I

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC1.1	Computer Organization and architecture	3:1:0	60	40	60	100
	CC 1.2	Software engineering	3:1:0	60	40	60	100
	CC1.3	Programming with 'C'	3:1:0	60	40	60	100
	CC 1.4	Web Design and Development	3:1:0	60	40	60	100
	Practical-I	Practical Based on CC1.3	0:0:2	45	00	50	50
	Practical-II	Practical Based on CC1.4	0:0:2	45	00	50	50
Discipline Specific Elective (DSE)	DSE1 (Any One)	E-Commerce Ethical Hacking Fundamentals of Computer and Presentation Technologies	3:1:0	60	40	60	100
Generic Elective (GE)	GE 1(Any One)	Fundamentals of Management	3:1:0	60	40	60	100
		Environment & Development					
		Indian Social Problems and Services					
Ability Enhancement course (AEC)	AEC 1	Business Communication	2:1:0	45	40	60	100
		Total Credits	31	495	280	520	800



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M. C. A. - I Semester-II

Nature of choice	Subject Code	Subject	Credits	Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses	CC2.1	Database Management Systems	3:1:0	60	40	60	100
	CC 2.2	Discrete Mathematics	3:1:0	60	40	60	100
	CC2.3	Data and File structures	3:1:0	60	40	60	100
	CC 2.4	Object oriented Programming With C++	3:1:0	60	40	60	100
	Practical-III	Practical Based On CC2.3	0:0:2	45	00	50	50
	Practical-IV	Practical Based on CC2.4	0:0:2	45	00	50	50
	Project-I	Project Report and Term Paper-1	0:1:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE2 (Any One)	Service Oriented Architecture	3:1:0	60	40	60	100
		Cloud Computing					
		Management Support System					
Generic Elective (GE)	GE 2	Fundamentals of Accounting	3:1:0	60	40	60	100
		Disaster Management					
		Social Welfare and Administration					
Ability Enhancement course (AEC)	AEC 2	Soft skill and Personality Development	2:1:0	45	40	60	100
Total Credits			35	555	320	580	900

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M. C. A. - II Semester-III

Nature of choice	Subject Code	Subject	Credits	Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses	CC 3.1	Operating Systems	3:1:0	60	40	60	100
	CC 3.2	Design and Analysis of Algorithm	3:1:0	60	40	60	100
	CC 3.3	Core Java	3:1:0	60	40	60	100
	CC 3.4	Object Oriented Modeling and Design	3:1:0	60	40	60	100
	Practical-V	Practical Based on CC3.3	0:0:2	45	00	50	50
	Practical-VI	Practical Based on CC3.4	0:0:2	45	00	50	50
	Project-II	Project Report and Seminar-I	0:1:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE 3	Business Data Analytics	3:1:0	60	40	60	100
		Relational Database Management Systems					
		Computer Graphics					
Generic Elective (GE)	GE 3	Agri Business Environment and Cooperation	3:1:0	60	40	60	100
		Sustainable Agriculture					
		Counseling Theory and Practice					
Ability Enhancement course (AEC)	AEC3	Statistical and Numerical Computing	2:1:0	45	40	60	100
Total Credits			35	555	320	580	900

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M. C. A. - II Semester-IV

Nature of choice	Subject Code	Subject	Credits	Hours	Int. Marks	Ext. Marks	Total Marks
	CC 4.1	Computer Communication and Network	3:1:0	60	40	60	100
	CC 4.2	Software Project Management and Quality Assurance	3:1:0	60	40	60	100
	CC4.3	Linux Programming	3:1:0	60	40	60	100
	CC 4.4	Advanced Java	3:1:0	60	40	60	100
	Practical-VII	Practical Based on CC4.3	0:0:2	45	00	50	50
	Practical-VIII	Practical Based on CC4.4	0:0:2	45	00	50	50
	Project-III	Project Report and Seminar-II	0:1:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE4	Compiler Construction Simulation modeling and Expert Systems Pervasive Computing	3:1:0	60	40	60	100
General Elective	GE4	Business Ethics Occupational Health and Safety Rural Economy	3:1:0	60	40	60	100
Ability Enhancement course (AEC)	AEC4	Computer Based Optimization Techniques	2:1:0	45	40	60	100
		Total Credits	35	555	320	580	900

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M. C. A. - III | Semester-V

Nature of choice	Subject Code	Subject	Full Credits	Hours	Int. Marks	Ext. Marks	Total Marks
	CC 5.1	Data Warehousing and Data mining	3:1:0	60	40	60	100
	CC 5.2	Artificial Intelligence and Soft Computing	3:1:0	60	40	60	100
	CC5.3	.Net Technologies	3:1:0	60	40	60	100
	CC 5.4	Mobile Computing	3:1:0	60	40	60	100
	Practical-IX	Practical Based on CC5.3	0:0:2	45	00	50	50
	Practical-X	Practical Based on CC5.4	0:0:2	45	00	50	50
	Project-IV	Project Report and Seminar-III	0:1:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE5	Free and Open Source Systems	3:1:0	60	40	60	100
		Functional Programming Network Administration and Security					
	DSE6	Distributed Databases Parallel Computing Internet of Things Big Data Analytics	3:1:0	60	40	60	100
		Total Credits	32	510	280	520	800

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M.C.A. (Part-III) Semester –VI

Paper No.	Head of Passing subject	Credit	Hours	Nature of EOS examination	
				Nature	Max. Mark
601	Project report	12	728/2=364	Report Documentation	100
602	Confidential Report			Report From Industry	100
603	Viva-Voce			Viva	100
604	Project presentation			Project Presentation	100
Total		12	364		400

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Total Credits :

Semesters	Core Credits	DSE	GE	AEC	Total
I	5x 4 = 20	1 x 4= 4	1 x4= 4	1 x 3= 3	31
II	6 x 4 = 24	1 x 4= 4	1 x4= 4	1 x 3= 3	35
III	6 x 4 = 24	1 x 4= 4	1 x 4= 4	1x3 = 3	35
IV	6 x 4 = 24	1x 4= 4	1x4 = 4	1 x 3= 3	35
V	6 x 4 = 24	2x4 = 8			32
VI	1 x 12 = 12				12
Total	128	24	16	12	180
Percentage	71.11	13.33	8.89	6.67	100
Total marks	3300	600	400	400	4700

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**Implemented from 2019
M. C. A. - I Semester-I**

Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC101	Computer Organization and architecture	3:1:0	60	40	60	100
	CC 102	Software engineering and Object Oriented Design	3:1:0	60	40	60	100
	CC103	Programming with 'C' and 'C++'	3:1:0	60	40	60	100
	CC 104	Web Design and Development	3:1:0	60	40	60	100
	Practical-I	Practical Based on CC103	0:0:2	45	00	50	50
	Practical-II	Practical Based on CC104	0:0:2	45	00	50	50
Discipline Specific Elective (DSE)	DSE 101 (Any One)	A. E-Commerce B. Ethical Hacking	3:1:0	60	40	60	100
Generic Elective (GE)	GE 101 (Any One)	A. Fundamentals of Management	3:1:0	60	40	60	100
		B. Environment & Development					
		C. Indian Social Problems and Services					
		D. Principles of Economics					
Ability Enhancement course (AEC)	AEC 101	Business Communication	2:0:0	30	20	30	50
Total Credits			30	495	280	520	750

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M. C. A. - I Semester-II

Nature of choice	Subject Code	Subject	Credits	Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses	CC201	Relational Database Management Systems	3:1:0	60	40	60	100
	CC 202	Discrete Mathematics and Statistical Computing	3:1:0	60	40	60	100
	CC203	Data and File structures	3:1:0	60	40	60	100
	CC 204	Core Java	3:1:0	60	40	60	100
	Practical-III	Practical Based On CC203	0:0:2	45	00	50	50
	Practical-IV	Practical Based on CC204	0:0:2	45	00	50	50
	Project-I	Project Report and Term Paper-1	0:1:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE 201 (Any One)	A. Service Oriented Architecture B. Cloud Computing	3:1:0	60	40	60	100
Generic Elective (GE)	GE 201	A. Fundamentals of Accounting	3:1:0	60	40	60	100
		B. Disaster Management					
		C. Social Welfare and Administration					
		D. Principles of Microeconomics					
Ability Enhancement course (AEC)	AEC 201	Soft skill and Personality Development	2:0:0	30	20	30	50
Total Credits			34	540	300	550	850

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M. C. A. - II Semester-III

Nature of choice	Subject Code	Subject	Credits	Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses	CC 301	Operating Systems	3:1:0	60	40	60	100
	CC 302	Design and Analysis of Algorithm	3:1:0	60	40	60	100
	CC 303	.Net Technologies -I	3:1:0	60	40	60	100
	CC 304	Advanced Java	3:1:0	60	40	60	100
	Practical-V	Practical Based on CC303	0:0:2	45	00	50	50
	Practical-VI	Practical Based on CC304	0:0:2	45	00	50	50
	Project-II	Project Report and Seminar-I	0:1:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE 301	A. Computer Based Optimization Techniques	3:1:0	60	40	60	100
		B. Computer Graphics					
Generic Elective (GE)	GE 301	A. Agri Business Environment and Cooperation	3:1:0	60	40	60	100
		B. Sustainable Agriculture					
		C. Counseling Theory and Practice					
		D. Fundamentals of Macroeconomics					
Ability Enhancement course (AEC)	AEC 301	Foreign Languages A. Japanese B. German C. French	2:0:0	30	20	30	50
Total Credits			34	540	300	550	850

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M. C. A. - II Semester-IV

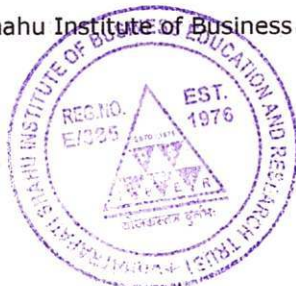
Nature of choice	Subject Code	Subject	Credits	Hours	Int. Marks	Ext. Marks	Total Marks
	CC 401	Computer Communication and Network	3:1:0	60	40	60	100
	CC 402	Software Project Management and Quality Assurance	3:1:0	60	40	60	100
	CC403	Linux Programming	3:1:0	60	40	60	100
	CC 404	.Net Technologies-II	3:1:0	60	40	60	100
	Practical-VII	Practical Based on CC403	0:0:2	45	00	50	50
	Practical-VIII	Practical Based on CC404	0:0:2	45	00	50	50
	Project-III	Project Report and Seminar-II	0:1:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE401	A. Compiler Construction B. Simulation modeling and Expert Systems	3:1:0	60	40	60	100
General Elective	GE401	A. Business Ethics B. Occupational Health and Safety C. Rural Economy D. Indian Economy	3:1:0	60	40	60	100
Ability Enhancement course (AEC)	AEC 401	A. Internet of Things B. Big Data Analytics	2:0:0	30	20	30	50
Total Credits			34	540	300	550	850

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M. C. A. - III Semester-V

Nature of choice	Subject Code	Subject	Full Credits	Hours	Int. Marks	Ext. Marks	Total Marks
	CC 501	Data Warehousing and Data mining	3:1:0	60	40	60	100
	CC 502	Artificial Intelligence and Soft Computing	3:1:0	60	40	60	100
	CC503	Machine Learning with Python	3:1:0	60	40	60	100
	CC 504	Mobile Computing	3:1:0	60	40	60	100
	Practical-IX	Practical Based on CC503	0:0:2	45	00	50	50
	Practical-X	Practical Based on CC504	0:0:2	45	00	50	50
	Project-IV	Project Report and Seminar-III	0:1:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE 501	A. Distributed Databases B. Network Administration and Security	3:1:0	60	40	60	100
		Total Credits	28	450	240	460	800



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M.C.A. (Part-III) Semester –VI

Paper No.	Head of Passing subject	Credit	Hours	Nature of EOS examination	
				Nature	Max. Mark
601	Project report	12	728/2=364	Report Documentation	100
602	Confidential Report			Report From Industry	100
603	Viva-Voce			Viva	100
604	Project presentation			Project Presentation	100
Total		12	364		400

Total Credits:

Semesters	Core Credits	DSE	GE	AEC	Total
I	4 x 4 = 16 2 x 2 = 4 (Practical)	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	30
II	4 x 4 = 16 2 x 2 = 4 (Practical) 1 x 4 = 4 (Project)	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	34
III	4 x 4 = 16 2 x 2 = 4 (Practical) 1 x 4 = 4 (Project)	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	34
IV	4 x 4 = 16 2 x 2 = 4 (Practical) 1 x 4 = 4 (Project)	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	34
V	4 x 4 = 16 2 x 2 = 4 (Practical) 1 x 4 = 4 (Project)	1 x 4 = 4			28
VI	1 x 12 = 12				12
Total	128	20	16	08	172
Percentage	74.41	11.62	9.30	4.67	100
Total marks	3300	500	400	200	4400

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MCA-I Semester-I

Nature of choice	Course Code	Course Name	Credits	Contact Hours	Int./Pract. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC-101	Computer Architecture and Operating system	3:1:0	60	40	60	100
	CC-102	Software engineering and Object Oriented Design	3:1:0	60	40	60	100
	CC-103	Design and Analysis of Algorithms	3:1:0	60	40	60	100
Core Practical Courses	CC-104	Programming with 'C'	3:1:0	60	40	60	100
	CC-105	Web Design and Development	3:1:0	60	40	60	100
Discipline Specific Elective (DSE)	DSE-I (Any One)	A. Programming with Python.	3:1:0	60	40	60	100
		B. Programming with R.					
Ability Enhancement course (AEC)	AEC-I	Business Communication	2:0:0	30	50	00	50
Total Credits			26	390	290	360	650

M. C. A. - I Semester-II

Nature of choice	Course Code	Subject	Credits	Hours	Int./Pract Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC-201	Relational Database Management Systems	3:1:0	60	40	60	100
	CC-202	Mathematical & Statistical Foundation	3:1:0	60	40	60	100
	CC-203	Linux Administration & Programming	3:1:0	60	40	60	100
Core Practical Courses	CC-204	Data and File structures	3:1:0	60	40	60	100
	CC-205	Core Java	3:1:0	60	40	60	100
	Project-I	Mini Project-I and Term Paper	0:1:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE-II (Any One)	A. Full Stack Web Development	3:1:0	60	40	60	100
		B. Theoretical Computer Science					
Ability Enhancement course (AEC)	AEC-II	Soft Skills & Personality Development	2:0:0	30	50	00	50
Total Credits			30	450	330	420	750

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M. C. A. - II Semester-III

Specializations given under : DSE

DS : Data Science

NS : Network Security

Nature of choice	Course Code	Course Name	Credits	Hours	Int./Pract Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC-301	Computer Communication and Network	3:1:0	60	40	60	100
	CC-302	Software Project Management and Quality Assurance	3:1:0	60	40	60	100
	CC-303	Ethical Hacking	3:1:0	60	40	60	100
Core Practical Courses	CC-304	Advanced Web Technologies.	3:1:0	60	40	60	100
	CC-305	.Net Programming	3:1:0	60	40	60	100
	Project-II	Industrial/Mini Project-II	0:1:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE-III	DS-I. Data Warehousing & Data Mining	3:1:0	60	40	60	100
		NS-I. Network Administration					
Discipline Specific Elective (DSE)	DSE-IV	DS-II. R for data Science	3:1:0	60	40	60	100
		NS-II. Information and Network Security					
Ability Enhancement course (AEC)	AEC-III	Software design Patterns	2:0:0	30	20	30	50
	AEC-IV	Internship Presentation	0:0:2	30	—	50	50
Total Credits			36	510	300	600	900

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Programme Structure:**M.Sc.(Computer Science) (Part-I)
Semester-I**

Course No.	Course Name	Credit	Hours	Int.	Ext.	Total
CC1.1	Computer Organization and Architecture	3:1:0	60	40	60	100
CC1.2	Software Engineering and Project Management	3:1:0	60	40	60	100
CC1.3	Object Oriented Programming with C++	3:1:0	60	40	60	100
CC1.4	Web Design and Development	3:1:0	60	40	60	100
LAB-I	Based on CC1.3	0:0:2	60	10	40	50
LAB-II	Based on CC1.4	0:0:2	60	10	40	50
DSE-I	Theoretical Computer Science (TCS) Cloud Computing	3:1:0	60	40	60	100
GE-I	Fundamentals of Management Environment & Development Indian Social Problems and Services	3:1:0	45	40	60	100
AEC-I	Design and Analysis of Algorithms	3:1:0	60	40	60	100
		32	525	300	500	800

M.Sc.(Computer Science) (Part-I) Semester II

Course No.	Course Name	Credit	Hours	Int.	Ext.	Total
CC2.1	Operating Systems	3:1:0	60	40	60	100
CC2.2	Unix Internal & Linux	3:1:0	60	40	60	100
CC2.3	.NET programming	3:1:0	60	40	60	100
CC2.4	Data and File Structures	3:1:0	60	40	60	100
LAB-III	Based on 2.3	0:0:2	60	10	40	50
LAB-IV	Based on 2.4	0:0:2	60	10	40	50
DSE-II	Big Data and Hadoop Computer graphics	3:1:0	60	40	60	100
GE-II	Fundamentals of Accounting Disaster Management Social Welfare and Administration	3:1:0	45	40	60	100
AEC-II	RDBMS Concepts and Technologies	3:1:0	60	40	60	100
		32	525	300	500	800

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M.Sc.(Computer Science) (Part-II) Semester –III

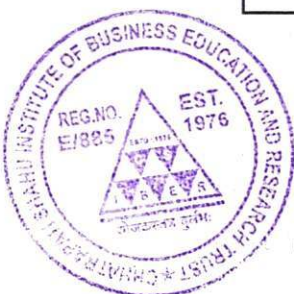
Course No.	Course Name	Credit	Hours	Int.	Ext.	Total
CC3.1	Computer Networks	3:1:0	60	40	60	100
CC3.2	Artificial Intelligence	3:1:0	60	40	60	100
CC3.3	Java Programming	3:1:0	60	40	60	100
CC3.4	Data Warehousing and Data Mining	3:1:0	60	40	60	100
LAB-V	Based on CC3.3	0:0:2	60	10	40	50
LAB-VI	Based on CC3.4	0:0:2	60	10	40	50
DSE-III	Optimization Techniques (OR) Advanced data analytics	3:1:0	60	40	60	100
GE-III	Agri Business Environment and Cooperation Sustainable Agriculture Counseling Theory and Practice	3:1:0	45	40	60	100
AEC-III	Mobile Computing	3:1:0	60	40	60	100
		32	525	300		800

M.Sc.(Computer Science) (Part-II) Semester –IV

Course No.	Course Name	Credit	Hours	Nature of EOS exam.	Total
CC 4.1	Project report	12	728/2 = 364	Report Documentation	100
CC 4.2	Confidential Report			Report From Industry	100
CC 4.3	Viva-Voce			Viva -Voce	100
CC 4.4	Project presentation			Project Presentation	100
	Total	12	364		400

Total Credits :

Semesters	Core Credits	DSE	GE	AEC	Total
I	4x 4 = 16 2x 2 = 04 (Pract.)	1 x 4= 4	1 x4= 4	1 x 4= 4	32
II	4x 4 = 16 2x 2 = 04 (Pract.)	1 x 4= 4	1 x4= 4	1 x 4= 4	32
III	4x 4 = 16 2x 2 = 04 (Pract.)	1 x 4= 4	1 x 4= 4	1x4 = 4	32
IV	24				24
Total	84	12	12	12	120
Percentage	70.00	10.00	10.00	10.00	100
Total marks	1900	300	300	300	2800

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Programme Structure

M.Sc.(Computer Science) (Part-I) Semester – I

Course No.	Course Name	Credit	Hours	Int.	Ext.	Total
CC-101	Computer Organization and Architecture	3:1:0	60	40	60	100
CC-102	Software Engineering and Project Management	3:1:0	60	40	60	100
CC-103	Object Oriented Programming with C++	3:1:0	60	40	60	100
CC-104	Web Design and Development	3:1:0	60	40	60	100
LAB-I	Based on CC1.3	0:0:2	45	10	40	50
LAB-II	Based on CC1.4	0:0:2	45	10	40	50
DSE 101	A. Theoretical Computer Science (TCS)	3:1:0	60	40	60	100
	B. Cloud Computing					
	C. Information Security & Cryptography					
GE 101	A. Fundamentals of Management	3:1:0	45	40	60	100
	B. Environment & Development					
	C. Indian Social Problems and Services					
	D. Principles of Economics					
AEC 101	A. Design and Analysis of Algorithms	3:1:0	60	40	60	100
	B. Mobile, Wireless, and VoIP Security					
		32	495	300	500	800

M.Sc.(Computer Science) (Part-I) Semester – II

Course No.	Course Name	Credit	Hours	Int.	Ext.	Total
CC-201	Operating Systems	3:1:0	60	40	60	100
CC-202	Linux Administration and Programming	3:1:0	60	40	60	100
CC-203	.NET programming	3:1:0	60	40	60	100
CC-204	Data and File Structures	3:1:0	60	40	60	100
LAB-III	Based on 2.3	0:0:2	45	10	40	50
LAB-IV	Based on 2.4	0:0:2	45	10	40	50
Project-I	Mini Project and Viva-Voce	0:0:4	60	40	60	100
DSE-201	A. Big Data and Hadoop	3:1:0	60	40	60	100
	B. Computer graphics					
	C. Ethical Hacking and Network Defense					
GE-201	A. Fundamentals of Accounting	3:1:0	45	40	60	100
	B. Disaster Management					
	C. Social Welfare and Administration					
	D. Principles of Microeconomics					
AEC-201	A. Database Management System	3:1:0	60	40	60	100
	B. Cyber Forensics					
		36	555	340	560	900

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M.Sc.(Computer Science) (Part-II) Semester – III

Course No.	Course Name	Credit	Hours	Int.	Ext.	Total
CC-301	Computer Networks	3:1:0	60	40	60	100
CC-302	Artificial Intelligence	3:1:0	60	40	60	100
CC-303	Java Programming	3:1:0	60	40	60	100
CC-304	Data Warehousing and Data Mining	3:1:0	60	40	60	100
LAB-V	Based on CC303	0:0:2	45	10	40	50
LAB-VI	Based on CC304	0:0:2	45	10	40	50
DSE-301	A. Optimization Techniques (OR)	3:1:0	60	40	60	100
	B. Advanced data analytics					
	C. Cryptanalysis					
GE-301	A. Agri-Enterprise Management	3:1:0	45	40	60	100
	B. Sustainable Agriculture					
	C. Fundamentals of Counseling					
	D. Fundamentals of Macroeconomics					
AEC-301	A. Mobile Computing	3:1:0	60	40	60	100
	B. Cyber Crimes & Investigation					
		32	495	300	500	800

M.Sc.(Computer Science) (Part-II) Semester – IV

Course No.	Course Name	Credit	Hours	Nature of EOS exam.	Total
CC-4.1	Project report	12	728/2 = 364	Report Documentation	100
CC-4.2	Confidential Report			Report From Industry	100
CC-4.3	Viva-Voce			Viva –Voce	100
CC-4.4	Project presentation			Project Presentation	100
Total		12	364		400

Total Credits:

Semesters	Core Credits	DSE	GE	AEC	Total
I	4x 4 = 16 2x 2 = 04 (Pract.)	1 x 4= 4	1 x4= 4	1 x 4= 4	32
II	4x 4 = 16 2x 2 = 04 (Pract.) 4x1 = 04(Project)	1 x 4= 4	1 x4= 4	1 x 4= 4	36
III	4x 4 = 16 2x 2 = 04 (Pract.)	1 x 4= 4	1 x 4= 4	1x4 = 4	32
IV	12				12
Total	76	12	12	12	112
Percentage	67.87	10.71	10.71	10.71	100
Total marks	2000	300	300	300	2900

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SYLLABUS

FOR

M.B.A. (Environment Management)

Faculty of Commerce & Management – Under CBCS System

(To be implemented from Academic Year 2019-20)



DEPARTMENT OF ENVIRONMENT MANAGEMENT

**CHH. SHAHU INSTITUTE OF BUSINESS EDUCATION
AND RESEARCH (CSIBER),**

(AN AUTONOMOUS INSTITUTE)

UNIVERSITY ROAD, KOLHAPUR 416 004 (M.S), INDIA



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REVISED STRUCTURE OF M. B. A. (ENVIRONMENT MANAGEMENT) PROGRAMME WITH DUAL SPECIALIZATION

The M. B. A. (Environment Management) Programme is of Two-year duration and is divided into Four semesters. Semester I, II will be taught in the First Year of the programme and Semester III & IV during the Second Year of the programme. Student can opt any one of the following specializations along with Environment i.e. Agri-Business, Finance, Human Resource, Marketing, Production and Systems.

Objectives:

The specific objectives of programme are:

1. To infuse environmental concepts in all the functional area of business management
2. To provide in-depth knowledge to the students in respect of current business and environmental problems faced by human society and to develop scientific attitude among students based on interdisciplinary approach to enable them to take holistic view in planning and decision-making.
3. To develop managerial competence among students in managing environmental development programs initiated by the Government.
4. To provide students a typical problem-oriented situations in environmental protection, development and management.
5. To inculcate modern concept of Green Industry to the students for sustainable development.

Eligibility:

Candidates should have passed graduation under 10+2+3 pattern from the recognized University.

Intake: 60

Admission process:

Student will be admitted purely on merit basis through DTE-CET / ATMA / C-MAT .

Reservation:

Reservation for special categories such as SC, ST, NT, OBC, etc. will be as per the Government of Maharashtra, AICTE and other statutory bodies.


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Duration:

The degree of **M. B. A. (Environment Management)** is a full time course and its duration is of **Two Years**. The course consists of four semesters. The examination to be held in the First, Second semester will be called Part – I (First Year) and the examination to be held in the third and fourth semester will be called Part – II (Second Year).

If a candidate fails to clear all the theory papers and project report within four years of his/her registration, the past performance will stand automatically nullified.

If a candidate discontinues any of the terms (i. e. semester – I to IV) on any account, he/she will be allowed to complete the in-completed terms in the subsequent years subject to the condition that it is within the stipulated time duration of **Six** years.

In addition to the above, once a student's term (semester) is granted, he/she shall be allowed to appear and pass in any of the subsequent examinations held, provided the examinations are within the stipulated period of **Six** years.

In case the term (semester) is not granted the student has to seek fresh admission in the next year and complete the term and pass the examination. This too within **Six** years of his/her registration.

Course Completion with Break in Between:

A student who has passed M. B. A. – I and is seeking admission to M. B. A. – II after a long gap (Provided the gap lies within the stipulated duration of **Six** years) should complete the course syllab which is in existence at the time he has sought the admission for the academic year.

Award of degree : After successful completion of four semesters of MBA(Environment Management) mark list ledgers will be forwarded to the Shivaji University for the award of degree.

CBCS PATTERN:

MBA (Environment Management) under CBCS pattern carry certain number of credits. Credits normally represent the weightage of a course and are a function of teaching, learning evaluation strategies such as number of contact hours, the course content, teaching methodology, learning expectations, etc. The credits are based on the number of instructional hours per week.


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generally 1 credit per one hour of instruction in theory and 1 credit for 2 hours of practical/project work/Field work/internship.

General features of the Choice Based Credit System are :

- a) The MBA (Environment) programme is structured in CBCS Pattern
- b) The Programme consists of Compulsory Core (CC), Discipline Specific Electives (DSE), Generic Electives (GE) and Ability Enhancement Compulsory Courses (AEC). The core papers deal with the specific discipline and the other papers deal with inter and intra disciplinary nature including soft skill aspects.
- c) The relative importance of subjects of study is quantified in terms of credits.
- d) The choice based courses may be offered within the faculty and/or across the faculty.
- e) The curricula should be unitized giving equal weightage in terms of contact hours and marks.
- f) Well defined model outline of question paper consisting of Long answers, brief answer and short notes.
- g) The evaluation will be on Continuous Internal Assessment (CIA) and End Semester Assessment (ESA). The final results shall be declared after integration of CIA and ESA.
- h) The declaration of result is based on the grade point average (GPA) earned towards the end of each semester and the Cumulative Grade Point Average (CGPA) earned towards the end of the program.
- i) Under the CBCS, students have option to choose courses from other departments as well.

Outline of Choice Based Credit System:

1. **Core Course:** A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course.

1.1 **Summer Inplant Project:** An elective course designed to acquire special/advanced knowledge, such as supplement study/support study to a project work, and a candidate studies such a course on his own with an advisory support by a teacher / faculty member is called Summer Inplant Project.

2. **Elective Course:** Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.

2.1 **Discipline Specific Elective (DSE) Course:** Elective courses may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective. The University/Institute may



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also offer discipline related Elective courses of interdisciplinary nature (to be offered by main discipline/subject of study).

2.2 **Generic Elective (GE) Course:** An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is called a Generic Elective.

3. **Ability Enhancement Courses (AEC):** The Ability Enhancement (AEC) Courses are designed that leads to Knowledge enhancement in functional areas; such as Managerial communication at work, foreign languages, skill development for career management and advanced MS- Excel. These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge.

Credit Pattern:

Every course offered will have three components associated with the teaching-learning process of the course, namely.

Lecture – L, Tutorial- T, Practice - P,

Where,

L stands **Lecture session.**

T stands **Tutorial session** consisting participatory discussion / self study/ desk work/ brief seminar presentations by students and such other novel methods that make a student to absorb and assimilate more effectively the contents delivered in the Lecture classes.

P stands **Practice session** on MOODLE , E – Library and it consists of Hands on experience / Laboratory Experiments / Field Studies / Industrial visits/ Case studies that equip students to acquire the much required skill component.

In terms of credits, every one hour session of L amounts to 1 credit per semester and a minimum of two hour session of T or P amounts to 1 credit per semester, over a period of one semester of 16 weeks for teaching-learning process. The total duration of a semester is 20 weeks inclusive of semester-end examination.

MBA (Environment Management) consists of all the three components with weightage depending upon the paper.

The total credits earned by a student at the end of the semester upon successfully completing the course are L + T + P. The credit pattern of the course is indicated as L: T: P.

If a course is of 4 credits then the different credit distribution patterns in L : T : P format could be :

Theory Papers 3 : 0.5 : 0.5

Practicals : 1 : 0 : 3.0

Field Work : 0 : 0 : 4.0

If a course is of 2 credits then the different credit distribution patterns in L : T : P format could be :

Theory Papers 1.5 : 0.25 : 0.25

Practicals : 0.5 : 0 : 1.50


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Field Work : 0: 0: 2.0

Teaching programme for each Semester shall consist of:

- a) Theory Lectures: There will be 60 contact hours / paper / semester for four credits ; @ 4 lectures/paper/week and 30 contact hours / paper / semester @ 2 lectures /paper / week , for two credits. Each lecture is of the duration of 60 minutes and
- b) Practicals: 1 practical / week. Each practical is of the duration of 3 clock hours, number of students in batches should not exceed 15.

Credit Grade Based Performance Assessment System (CGPA) :

I. ASSESSMENT:

Taking into consideration the UGC and AICTE requirements, CSIBER has adopted "Credit Grade Based Performance Assessment System" (CGPA). Each paper is of 100 marks and contact hours for each paper is 60. One credit is allotted to 15 contact hours. All papers are considered as Full credit papers i.e. **Four** credits are allotted to each paper. Practical of 50 marks are considered as half credit i.e. Two credit is allotted to each practical.

1. For the paper of 100 marks. The distribution of the marks for theory, practical and project work will be as follows –
 - i) Internal Marks i.e. Concurrent evaluation - 40 Marks
 - ii) External Marks i.e. End Semester examination - 60 marks
2. For the paper of 50 marks. The distribution of the marks will be as follows –
 - i) Internal Marks i.e. Concurrent evaluation - 20 Marks
 - ii) External Marks i.e. End Semester examination - 30 marks
3. SIP project Evaluation:
 - i) Internal Marks i.e. Concurrent evaluation - 40 Marks
 - ii) External Marks i.e. End Semester examination - 60 marks

External marks will be given at the time of viva by external and internal and average marks will be calculated out of 60.

Breakup of Internal Marks i.e. Concurrent evaluation

Sr. No	Head	Marks 40	Marks 20
1.	Class Participation	10	5
2.	Field Based Project	10	5
3.	MOODLE Test	10	5
4.	Library Based Assignment	10	5
	Total	40	20

The Internal Marks assessed by the teachers be shown to the students and their signature will be obtained.

The assessment of papers will be done by an Internal and External examiner. A difference of more than 20% in the marks awarded by these examiners would necessitate the valuation of the paper by Third examiner. The '**nearest highest**' marks will be considered for determining the average mark of such papers.

3. Once the Student passes in the internal marks (Concurrent evaluation out of 40) and the record is submitted to the examination department, it should be carried forward whenever required and it cannot be improve in any case.
4. Students who fail in the internal marks (Concurrent evaluation out of 40) should reappear for the same, then only the revised marks will be considered for further calculation.

II. STANDARD OF PASSING:

1. In order to pass in a paper/head, a candidate will have to obtain 50% in the internal marks (Concurrent evaluation), 40% marks in theory, and a minimum of 50% of the marks in aggregate in each paper head.
2. To pass the M.B.A. examination, a candidate will have to pass in all Four Semester in Two Parts i.e. Part – I (Semester – I & II) and Part – II (Semester – III & IV).


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3. A candidate from the first year M.B.A. will be eligible to proceed to the Semester III, if he/she is not having more than **5 (Five)** papers backlog of the First Year (that is Semester – I & II).
5. A candidate will be permitted to proceed to the second Semester even though he/she fails in one or more subjects of the first Semester.
6. The students who have a backlog of not more than **five papers** in the First year (Sem. I & II) examination will be eligible to be admitted to the Second year (IIIrd Semester) of M.B.A(Environment Management)
7. A candidate will be permitted to proceed to the Fourth Semester even though he/she fails in one or more subjects in third Semester.
8. Semester Performance Index (SPI) will be as follows:

III. Grading System:

There shall be numerical marking for each course, which will be placed into credits. Each subject is classified as a major or minor. The major and minor subjects will be given 2 and 1 credits respectively.

a. Full Credit 100 Marks

Grade Table for Semester Examination			
Marks Obtained	Letter Grade	Grade Point	Description of Performance
96-100	S+	10.0	SUPER
91-95	S	9.0	
86-90	E+	8.5	Exemplary
81-85	E	8.0	
76-80	O+	7.5	Outstanding
71-75	O	7.0	
66-70	A+	6.5	Good
61-65	A	6.0	
56-60	B+	5.5	Average
50-55	B	5.0	
--	X	0.0	Defaulter
--	XX	---	Incomplete

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CBCS Structure of MBA (Environment Management)
(Implemented from 2019-20)
M. B. A. - I Year

Semester – I

Nature of Choice Base	Choice Code	Name of the Subject	Total Credits	L:T:P	Contact Hours	Int. Marks	Ext. Marks
Core Courses (CC)	CC101	Introduction to Ecology and Natural Resources	4	3:0.5:0.5	60	40	60
	CC 102	Air and Noise Pollution	4	3:0.5:0.5	60	40	60
	CC103	Practical - I	4	1:0:3	60	40	60
	CC 104	Organizational Behavior and Human Resource Management	4	3:0.5:0.5	60	40	60
	CC105	Fundamentals of Marketing	4	3:0.5:0.5	60	40	60
Discipline Specific Elective (DSE)	DSE101 (Any One)	DSE-101-A: Service Sector Management DSE-101-B: Family Business Management DSE-101- C: Information Technology for Managers <i>(Students enrolling for DSE 101-C are not eligible for GE 101-B)</i>	4	3:0.5:0.5	60	40	60
Generic Elective Course (GE)	GE 101 (Any one elective paper from other department courses)	GE-101-A: Fundamentals of Management GE-101-B: Office Automation GE-101-C: Indian Social Problems and Social Services GE-101-D: Principles of Economics	4	3:0.5:0.5	60	40	60
Ability Enhancement Courses (AEC)	AEC 101	AEC- 101-A: Life skills for Managers	2	1.5:0.25:0.25	30	20	30
Total Credits			30		450	300	450


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Semester – II

Category	Subject Code	Name of the Subject	Full Credits	L:T:P	Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC 201	Water Pollution	4	3:0.5:0.5	60	40	60	100
	CC 202	Environmental Engineering & Design	4	3:0.5:0.5	60	40	60	100
	CC 203	Practical - II	4	1:0:3	60	40	60	100
	CC 204	Accounting for Managerial Decisions	4	3:0.5:0.5	60	40	60	100
	CC 205	Business statistics for Environment	4	3:0.5:0.5	60	40	60	100
	CC 206	Legal Frame work of Business	2	1.5:0.25:0.25	30	20	30	50
	CC 207	Research Methodology	2	1.5:0.25:0.25	30	20	30	50
Discipline Specific Elective (DSE)	DSE 201 (Any One)	DSE-201-A: Environmental Microbiology & Biotechnology DSE-201-B: Energy Resource Management & Environmental Toxicology DSE-201-C: Disaster Management	4	3:1:0	60	40	60	100
Generic Elective Course (GE)	GE 201 (Any one elective paper from other department courses)	GE-201-A: Fundamentals of Accounting GE-201-B: Management Information System (MIS) GE-201-C: Social Welfare Administration GE-201-D: Principles of Microeconomics	4	3:0.5:0.5	60	40	60	100
Ability Enhancement Courses (AEC)	AEC 201	AEC-201-A: German AEC-201-B: Japanese AEC-201-C: French AEC-201-D: Selling and Negotiation Skills AEC-201-E: Remote sensing and GIS AEC-201-F: Oral Communication AEC-201-G: Forest Management	2	1.5:0.25:0.25	30	20	30	50
Total Credits			34		510	340	510	850


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CBCS Structure of MBA (Environment Management)
(Implemented from 2019-20)
M. B. A. - II Year

Semester – III

Nature of Choice Base	Subject Code	Name of the Subject	Full Credits	L:T:P	Hours	Int. Marks	Ext. Marks
Core Courses (CC)	CC 301	Corporate Environmental Strategies	4	3:0.5:0.5	60	40	60
	CC 302	EIA and Environmental Legislation	4	3:0.5:0.5	60	40	60
	CC 303	Practical - III	4	1:0:3	60	40	60
	CC 304	Summer In plant Project	4	--	(50days training)	40	60
	CC 305 (Specializations)	<p>Any One</p> <p>CC-Spl-I-305-A: International Trade and Finance</p> <p>CC-Spl-I-305-B: Employee Relations and Labour Laws</p> <p>CC-Spl-I-305-C: IMC and Sales Management</p> <p>CC-Spl-I-305-D: Logistics and Supply Chain Management</p> <p>CC-Spl-I-305-E: Agri-Business, Entrepreneurship and Cooperatives</p> <p>CC-Spl-I-305-F: Knowledge Management and ERP System</p>	4	3:0.5:0.5	60	40	60


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Discipline elective (E)	DSE 301 (Specializations)	<p>Any One DSE-Spl-II-301-A: Direct and Indirect Taxes</p> <p>DSE-Spl-II-301-B: Strategic and International Human Resource Management</p> <p>DSE-Spl-II-301-C: Retailing , Service and Industrial Marketing</p> <p>DSE-Spl-II-301-D: Purchasing and Inventory Management</p> <p>DSE-Spl-II-301-E: Rural and Agriculture Marketing</p> <p>DSE-Spl-II-301-F: Information System Audit and Control</p>	4	3:0.5:0.5	60	40	60	100
Generic elective (GE)	GE 301 (Any one elective paper from other departme nt courses)	<p>GE-301-A: Entrepreneurship Development</p> <p>GE-301-B: E- Commerce</p> <p>GE-301-C: Fundamentals of Counseling</p> <p>GE-301-D: Fundamentals of Macroeconomics</p>	4	3:0.5:0.5	60	4F0	60	100
Ability Enhance ment Courses (AEC)	AEC 301	<p>AEC-301- A: International Business</p> <p>AEC 301B:Fundamentals of Tourism Management</p> <p>AEC 301C:Wildlife Management</p>	2	1.5:0.25:0.25	30	20	30	50
Total Credits			30		450	300	450	750



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Semester – IV

Nature of Choice Base	Subject Code	Name of the Subject	Full Credits	L:T:P	Hours	Int. Marks	Ext. Marks
Core Courses CC	CC 401	Land and Water management	4	3:0.5:0.5	60	40	60
	CC 402	Management of Industrial and Civic Wastes	4	3:0.5:0.5	60	40	60
	CC 403	Business Strategies	4	3:0.5:0.5	60	40	60
	CC 404 (Specialization)	<p>Any one</p> <p>CC-Spl-I-404-A: Management Accounting and Control System</p> <p>CC-Spl-I-404-B: Corporate Psychology</p> <p>CC-Spl-I-404-C: Contemporary Issues in Marketing</p> <p>CC-Spl-I-404-D: Modern Approaches to Quality Management</p> <p>CC-Spl-I-404-E: Agri Production and Supply chain Management</p> <p>CC-Spl-I-404-F: Applied Data Science and Business Analytics using R</p>	4	3:0.5:0.5	60	40	60
Discipline Specific Elective (DSE)	DSE 401	<p>Any One</p> <p>DSE-Spl-II-401-A: Investment and Portfolio Management</p> <p>DSE-Spl-II-401-B: Talent and Human Capital Management</p> <p>DSE-Spl-II-401-C: Marketing Strategy, CRM and Rural Marketing</p> <p>DSE-Spl-II-401-D: Project Management</p>	4	3:0.5:0.5	60	40	60

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		DSE-Spl-II-401-E: Agri Commodity Markets and Agri Business DSE-Spl-II-401-F: Software Engineering and I. T. Project Management						
Generic Elective (GE)	GE401	GE-401-A: Business Ethics GE-401-B: Database Management System (DBMS) GE-401-C: Basics of Social Legislation GE-401-D: Indian Economy	4	3:0.5:0.5	60	40	60	100
Ability Enhancement Courses (AEC)	AEC 401	AEC-401-A: Sustainable Agriculture	2	1.5:0.25:0.25	30	20	30	50
Total Credits			26		390	260	390	650

*L stands for lectures, T for tutorial and P for practice

Note: 1. Average Contact hours per semester are 450 contact hours.

Semesters	Core Credits	DSE	AEC	GE	Total Credits	Contact Hours	Total marks
I	5 x 4 = 20	1 x 4 = 4	1 x 2 = 2	1 x 4 = 4	30	450	750
II	5 x 4 = 20 2 x 2 = 4	1 x 4 = 4	1 x 2 = 2	1 x 4 = 4	34	510	850
III	5 x 4 = 20	1 x 4 = 4	1 x 2 = 2	1 x 4 = 4	30	450	750
IV	4 x 4 = 16 2 x 2 = 4	1 x 4 = 4	1 x 2 = 2	1 x 4 = 4	26	390	650
Total	80	16	8	16	120	1800	3000
Percentage	66.66	13.33	6.66	13.33	100		

GE1. ENVIRONMENT AND DEVELOPMENT

GE2. DISASTER MANAGEMENT

GE3. SUSTAINABLE AGRICULTURE

GE4. LAND AND WATERSHED MANAGEMENT

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Dr. Pratik Shahu Institute of Business
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30th July 2021

NOTICE

All the students of MBA.-I (Env't Mgmt), Sem II, are hereby informed that Ability Enhancement Course (AEC) selection procedure has been started. As per the guidelines, students have to select any one paper among the AEC list provided. The titles of AEC papers are as follows-

1. AEC -201 (A): German (FL)
2. AEC -201 (B): Japanese (FL)
3. AEC -201 (C): French (FL)
4. AEC -201 (D): Selling and Negotiation Skill
5. AEC -201 (E): Remote Sensing and GIS
6. AEC -201 (F): Forest Management
7. AEC -201 (G): Oral Communication

The selected title of the AEC paper has to be submitted to the Class Co-ordinator by 5th August 2021 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Env't. Mgmt



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Chhatrapati Shahu Institute of Business
Education & Research Trust
University Road, Kolhapur - 416 004

1th March 2022

NOTICE

All the students of MBA-II (Env. Mgmt.), Sem III, are hereby informed that Ability Enhancement Course (AEC) selection procedure has been started. As per the guidelines, students have to select any one paper among the AEC list provided. The titles of AEC papers are as follows-

1. AEC -301 (A): International Business
2. AEC -301 (B): Fundamentals of Tourism Management
3. AEC -301 (C): Wildlife Management

The selected title of the AEC paper has to be submitted to the Class Co-ordinator by 7th March 2022 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Env. Mgmt



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University Road, Kolhapur - 416 004

6th June 2022

NOTICE

All the students of MBA.-I (Env't Mgmt), Sem II, are hereby informed that Ability Enhancement Course (AEC) selection procedure has been started. As per the guidelines, students have to select any one paper among the AEC list provided. The titles of AEC papers are as follows-

1. AEC -201 (A): German (FL)
2. AEC -201 (B): Japanese (FL)
3. AEC -201 (C): French (FL)
4. AEC -201 (D): Selling and Negotiation Skill
5. AEC -201 (E): Remote Sensing and GIS
6. AEC -201 (F): Forest Management
7. AEC -201 (G): Oral Communication

The selected title of the AEC paper has to be submitted to the Class Co-ordinator by 11th June 2022 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Env't. Mgmt



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23rd Feb 2021

NOTICE

All the students of MBA-I (Envt. Management), Sem I, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE-101-A:** Service Sector Management
2. **DSE-101-B:** Family Business Management
3. **DSE-101-C:** Information Technology for Managers (*Students enrolling for DSE101-C are not eligible for GE 101-B*)

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 26th Feb 2021 and confirm it.

Er. D. S. Mali
HOD,
Dept. of Envt. Mgmt

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University Road, Kolhapur - 416 004

30th July 2021

NOTICE

All the students of MBA-I (Envt. Management), Sem II, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE-201-A:** Environmental Microbiology & Biotechnology
2. **DSE-201-B:** Energy Resource Management & Environmental Toxicology
3. **DSE-201-C:** Disaster Management

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 5th August 2021 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Envt. Mgmt



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17th July 2020

NOTICE

All the students of MBA-II (Envt. Management), Sem III, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE-Spl-II-301-A:** Direct and Indirect Taxes
2. **DSE-Spl-II-301-B:** Strategic and International Human Resource Management
3. **DSE-Spl-II-301-C:** Retailing , Service and Industrial Marketing
4. **DSE-Spl-II-301-D:** Purchasing and Inventory Management
5. **DSE-Spl-II-301-E:** Rural and Agriculture Marketing
6. **DSE-Spl-II-301-F:** Information System Audit and Control.

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 22nd July 2020 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Envt. Mgmt



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19th April 2021

NOTICE

All the students of MBA-II (Env. Management), Sem IV, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE-Spl-II-401-A:** Investment and Portfolio Management
2. **DSE-Spl-II-401-B:** Talent and Human Capital Management
3. **DSE-Spl-II-401-C:** Marketing Strategy, CRM and Rural Marketing
4. **DSE-Spl-II-401-D:** Project Management
5. **DSE-Spl-II-401-E:** Agri Commodity Markets and Agri Business
6. **DSE-Spl-II-401-F:** Software Engineering and I. T. Project Management

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 24th April 2021 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Env. Mgmt



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6th Jan 2022

NOTICE

All the students of MBA-I (Envt. Management), Sem I, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE-101-A:** Service Sector Management
2. **DSE-101-B:** Family Business Management
3. **DSE-101-C:** Information Technology for Managers (*Students enrolling for DSE101-C are not eligible for GE 101-B*)

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 11th Jan 2022 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Envt. Mgmt



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6th June 2022

NOTICE

All the students of MBA-I (Envt. Management), Sem II, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE-201-A:** Environmental Microbiology & Biotechnology
2. **DSE-201-B:** Energy Resource Management & Environmental Toxicology
3. **DSE-201-C:** Disaster Management

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 11th June 2022 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Evt. Mgmt



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1st March 2022

NOTICE

All the students of MBA-II (Env. Management), Sem III, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE-Spl-II-301-A:** Direct and Indirect Taxes
2. **DSE-Spl-II-301-B:** Strategic and International Human Resource Management
3. **DSE-Spl-II-301-C:** Retailing , Service and Industrial Marketing
4. **DSE-Spl-II-301-D:** Purchasing and Inventory Management
5. **DSE-Spl-II-301-E:** Rural and Agriculture Marketing
6. **DSE-Spl-II-301-F:** Information System Audit and Control.

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 7th March 2022 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Env. Mgmt



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18th July 2022

NOTICE

All the students of MBA-II (Envt. Management), Sem IV, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE-Spl-II-401-A:** Investment and Portfolio Management
2. **DSE-Spl-II-401-B:** Talent and Human Capital Management
3. **DSE-Spl-II-401-C:** Marketing Strategy, CRM and Rural Marketing
4. **DSE-Spl-II-401-D:** Project Management
5. **DSE-Spl-II-401-E:** Agri Commodity Markets and Agri Business
6. **DSE-Spl-II-401-F:** Software Engineering and I. T. Project Management

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 22nd July 2022 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Evt. Mgmt



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University Road, Kolhapur - 416 004

SYLLABUS

FOR

M.Sc. (Environment & Safety)

Faculty of Science – Under CBCS System

(To be implemented from Academic Year 2019-20)



DEPARTMENT OF ENVIRONMENT MANAGEMENT

**CHH. SHAHU INSTITUTE OF BUSINESS EDUCATION
AND RESEARCH (CSIBER),**

(AN AUTONOMOUS INSTITUTE)

UNIVERSITY ROAD, KOLHAPUR 416 004 (M.S), INDIA

2019

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Duration:

The degree of **M. Sc. (Environment & Safety)** shall be fulltime programme and its duration shall be of **Two Years**. The programme consists of four semesters. The examination to be held in the First, Second semester will be called Part – I (First Year) and the examination to be held in the third and forth semester will be called Part – II (Second Year).

If a candidate fails to clear all the theory papers and project report within four years of his/her registration, the past performance will stand automatically nullified.

If a candidate discontinues any of the terms (i. e. semester – I to IV) on any account, he/she will be allowed to complete the in-completed terms in the subsequent years subject to the condition that it is within the stipulated time duration of **Six** years.

In addition to the above, once a student's term (semester) is granted, he/she shall be allowed to appear and pass in any of the subsequent examinations held, provided the examinations are within the stipulated period of **Six** years.

In case the term (semester) is not granted the student has to seek fresh admission in the next year and complete the term and pass the examination. This too within **Six** years of his/her registration.

Course Completion with Break in Between:

A student who has passed M. Sc. – I and is seeking admission to M.Sc. – II after a long gap (Provided the gap lies within the stipulated duration of **Six** years) should complete the course syllabus which is in existence at the time he has sought the admission for the academic year.

Award of degree : After successful completion of four semesters of **M. Sc. (Environment & Safety)** mark list ledgers will be forwarded to the Shivaji University for the award of degree.

CBCS Pattern:

M.Sc.(Environment & Safety) under CBCS pattern shall carry certain number of credits. Credits normally represent the weightage of a course and are a function of teaching, learning and evaluation strategies such as number of contact hours, the course

content, teaching methodology, learning expectations, etc. The credits shall be based on the number of instructional hours per week, generally 1 credit per one hour of instruction in theory and 1 credit for 2 hours of practical/summer inplant project / lab based project / Field work/internship.

General features of the Choice Based Credit System are :

- a) The **M. Sc. (Environment & Safety)** programme is structured CBCS Patten.
- b) The Programme consists of Compulsory Core (CC), Discipline Specific Electives (DSE), Generic Electives (GE) and Ability Enhancement Compulsory Courses (AEC). The core papers deal with the specific discipline and the other papers deal with inter and interdisciplinary nature including soft skill aspects.
- c) The relative importance of subjects of study is quantified in terms of credits.
- d) The choice based courses may be offered within the faculty and/or across the faculty.
- e) The curricula should be unitized giving equal weightage in terms of contact hours and marks.
- f) Well defined model outline of question paper consisting of long answers, brief answers and short notes
- g) The evaluation will be on Continuous Internal Assessment (CIA) and End Semester Assessment (ESA). The final results shall be declared after integration of CIA and ESA
- h) The declaration of result is based on the Grade Point Average (GPA) earned towards the end of each semester and the Cumulative Grade Point Average (CGPA) earned towards the end of the program.
- i) Under the CBCS, students have option to choose courses from other departments as well.

Outline of Choice Based Credit System:

1. Core Courses:

1.1 Compulsory Core(CC): A course which should compulsorily be studied by a candidate as Core Course.

1.2 Summer Inplant Project (SIP): An elective course in the terms of topic & Industry/organization, designed to acquire special/advanced knowledge, such as supplement study/support study to a project work, and a candidate studies such a course on his own with an advisory support by a teacher / faculty member is called Summer Inplant Project.

1.3 Lab Based/ Survey Project (Research Oriented)): An elective course designed to acquire special/advanced knowledge such as supplement study/support study, which is research oriented work, and a candidate studies such a course on his own with an advisory support by a teacher / faculty member is called lab based/survey project.

2. Elective Courses: Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.

2.1 Discipline Specific Elective (DSE) Courses: Elective courses may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective. The University/Institute may also offer discipline related Elective courses of interdisciplinary nature (to be offered by main discipline/subject of study).

2.3 Generic Elective (GE) Courses: An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is called a Generic Elective.

3. Ability Enhancement Courses (AEC): The Ability Enhancement (AEC) Courses are designed that leads to Knowledge enhancement in functional areas; such as Managerial communication at work, foreign languages, skill development for career management. These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge.

Credit Pattern:

Every course offered will have three components associated with the teaching-learning process of the course, namely



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CBCS Structure of M. Sc. (Environment & Safety)
(To be Implemented from 2019-20)
M.Sc. - I Year

M. Sc. (Environment & Safety),Semester – I

Nature of Choice Base	Choice Code	Subject	Total Credits	L:T:P	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC-101	Introduction to Ecology and Environment	4	3:0.5:0.5	60	40	60	100
	CC-102	Natural Resources	4	3:0.5:0.5	60	40	60	100
	CC-103	Fundamentals of Safety	4	3:0.5:0.5	60	40	60	100
	CC-104	Practical –I	4	1:0:3	60	40	60	100
	CC-105	Practical –II	4	1:0:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE-101 (Any One)	DSE-101(A) : Environmental Chemistry DSE-101(B) : Ecological Foot prints and Carbon Sequestration	4	3:0.5:0.5	60	40	60	100
Generic Elective Course (GE)	GE-101 (Any one elective paper from other department courses)	GE -101(A): Fundamentals of Management GE -101(B):Office Automation GE -101(C) : Indian Social Problems and Social Services GE -101(D): Principles of Economics	4	3:0.5:0.5	60	40	60	100
Ability Enhancement Course (AEC)	AEC-101	AEC-101(A): Life Skills for Managers	2	1.5:0.25:0.25	30	20	30	50
		Total Credits	30		450	300	450	750



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M. Sc. (Environment & Safety), Semester – II

Nature of Choice Base	Subject Code	Subject	Total Credits	L:T:P	Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC-201	Water Pollution	4	3:0.5:0.5	60	40	60	100
	CC-202	Environmental Engineering and Design	4	3:0.5:0.5	60	40	60	100
	CC-203	Remote Sensing and GIS	2	1.5:25:25	30	20	30	50
	CC-204	Computer Applications	2	1.5:25:25	30	20	30	50
	CC-205	Statistical Methods	2	1.5:25:25	30	20	30	50
	CC-206	Practical –III	4	1:0:3	60	40	60	100
	CC-207	Practical –IV	4	1:0:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE-201 (Any One)	DSE-201(A): Industrial Hygiene and Occupational Health DSE-201(B): Aquaculture and Agriculture	4	3:0.5:0.5	60	40	60	100
Generic Elective Course (GE)	GE-201 (Any one elective paper from other department courses)	GE-201 (A): Fundamentals of Accounting GE-201(B): Management Information System GE-201(C): Social Welfare Administration GE-201(D) : Principles of Microeconomics	4	3:0.5:0.5	60	40	60	100
Ability Enhancement Course (AEC)	AEC-201	AEC-201(A): German (FL) AEC-201(B): Japanese (FL) AEC-201(C): French (FL) AEC-201(D):Selling and Negotiation Skills AEC-201(E): Forest Management AEC-201(F):Oral Communication	2	1.5:25:25	30	20	30	50
Total Credits			32		480	320	450	800

M.Sc. - II Year

M. Sc. (Environment & Safety)
Semester – III

Nature of Choice Base	Subject Code	Subject	Total Credits	L:T:P	Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC-301	Environmental Education, Policy and legislation	4	3:0.5:0.5	60	40	60	100
	CC-302	Air and Noise Pollution	4	3:0.5:0.5	60	40	60	100
	CC-303	Disaster management	4	3:0.5:0.5	60	40	60	100
	CC-304	Summer In-plant Project (SIP)	2	0:0.5:1.5	30 Days	20	30	50
	CC-305	Practical V	4	1:0:3	60	40	60	100
	CC-306	Practical VI	4	1:0:3	60	40	60	100
Discipline Specific Elective (DSE)	DSE-301 (Any One Specializations)	DSE-301(A) : Environmental Impact Assessment (EIA)And Environment Management System(EMS). DSE-301(B): Safety Legislations and Management.	4	3:0.5:0.5	60	40	60	100
Generic Elective (GE)	GE-301 (Any one elective paper from other department courses)	GE-301(A): Entrepreneurship Development GE-301(B): E-Commerce GE-301(C) : Fundamentals of Counseling GE-301(D): Fundamentals of Macroeconomics.	4	3:0.5:0.5	60	40	60	100
Ability Enhancement Course (AEC)	AEC-301	AEC-301(A): Wildlife Management AEC-301(B): Fundamentals of Tourism Management AEC-301(C) : Written Communication	2	1.5:.25:.25	30	20	30	50
		Total Credits	32		480	320	480	800



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M. Sc. (Environment & Safety), Semester – IV

Nature of Choice Base	Subject Code	Subject	Total Credits	L:T:P	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC-401	Environmental Microbiology, Biotechnology and Toxicology	4	3:0.5:0.5	60	40	60	100
	CC-402	Management of Industrial and Civic Waste	4	3:0.5:0.5	60	40	60	100
	CC-403	Project Work (Lab./Field/ Survey)	2	0:0.5:1.5	30	20	30	50
	CC-404	Practical VII	4	1:0:3	60	40	60	100
	CC-405	Practical VIII	4	1:0:3	60	40	60	100
Discipline Specific Elective (DSE Any One)	DSE-401	DSE-401(A): Land and Water Management. DSE-401(B): Safety Engineering	4	3:0.5:0.5	60	40	60	100
Generic Elective (AEC)	GE-401	GE-401(A): Business Ethics GE-401(B): Data Base Management Systems (DBMS) GE-401I: Basics of Social Legislation GE-401(D): Indian Economy	4	3:0.5:0.5	60	40	60	100
Ability Enhancement Course (AEC)	AEC-401	AEC-401(A): Sustainable Agriculture	2	1.5:25:25	30	20	30	50
Total Credits			28		420	280	420	700

M. Sc. (Environment & Safety)

Total Credits:

Semester	Core Credits	DSE	GE	AEC	Total Credits	Contact Hours	Total marks
I	5 x 4 = 20	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	30	450	750
II	4 x 4 = 16 3 x 2 = 6	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	32	480	800
III	5 x 4 = 20 1 x 2 = 2	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	32	480	800
IV	4 x 4 = 16 1 x 2 = 2	1 x 4 = 4	1 x 4 = 4	1 x 2 = 2	28	420	700
Total	82	16	16	08	122	1830	3050
Percentage	67.21	13.11	13.11	6.57	100		

29th Jan 2021

NOTICE

All the students of M.Sc.-I (Envt. & Safety), Sem I, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE- DSE-101(A) : Environmental Chemistry**
2. **DSE-101(B) : Ecological Foot prints and Carbon Sequestration**

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 5th Feb 2021 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Envt. Mgmt



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University Road, Kolhapur - 416 004

10th Aug 2021

NOTICE

All the students of M.Sc.-I (Envt. & Safety), Sem II, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE-201-A:** Industrial Hygiene and Occupational Health
2. **DSE-201-B:** Aquaculture and Agriculture

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 14th August 2021 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Envt. Mgmt



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20th July 2020

NOTICE

All the students of M.Sc.-II (Envt. & Safety), Sem III, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE-301-A:** Environmental Impact Assessment (EIA) And Environment Management System (EMS).
2. **DSE-301-B:** Safety Legislations and Management.

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 24th July 2020 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Envt. Mgmt



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22nd April 2021

NOTICE

All the students of M.Sc.-II (Envt. & Safety), Sem IV, are hereby informed that Discipline Specific Elective (DSE) selection procedure has been started. As per the guidelines, students have to select any one paper among the DSE list provided. The titles of DSE papers are as follows-

1. **DSE-401-A:** Land and Water Management..
2. **DSE-401-B:** Safety Engineering

The selected title of the DSE paper has to be submitted to the Class Co-ordinator by 27th April 2021 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Evt. Mgmt



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10th August 2021

NOTICE

All the students of M.Sc.-I (Envt & Safety), Sem II, are hereby informed that Ability Enhancement Course (AEC) selection procedure has been started. As per the guidelines, students have to select any one paper among the AEC list provided. The titles of AEC papers are as follows-

1. AEC -201 (A): German (FL)
2. AEC -201 (B): Japanese (FL)
3. AEC -201 (C): French (FL)
4. AEC -201 (D): Selling and Negotiation Skill
5. AEC -201 (E): Forest Management
6. AEC -201 (F): Oral Communication

The selected title of the AEC paper has to be submitted to the Class Co-ordinator by 14th August 2021 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Envt. Mgmt



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21th Feb 2022

NOTICE

All the students of M.Sc.-II (Envt & Safety), Sem III, are hereby informed that Ability Enhancement Course (AEC) selection procedure has been started. As per the guidelines, students have to select any one paper among the AEC list provided. The titles of AEC papers are as follows-

1. AEC -301 (A): Wildlife Management
2. AEC -301 (B): Fundamentals of Tourism Management
3. AEC -301 (C): Written Communication

The selected title of the AEC paper has to be submitted to the Class Co-ordinator by 26th Feb 2022 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Envt. Mgmt



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6th June 2022

NOTICE

All the students of M.Sc.-I (Envt & Safety), Sem II, are hereby informed that Ability Enhancement Course (AEC) selection procedure has been started. As per the guidelines, students have to select any one paper among the AEC list provided. The titles of AEC papers are as follows-

1. AEC -201 (A): German (FL)
2. AEC -201 (B): Japanese (FL)
3. AEC -201 (C): French (FL)
4. AEC -201 (D): Selling and Negotiation Skill
5. AEC -201 (E): Forest Management
6. AEC -201 (F): Oral Communication

The selected title of the AEC paper has to be submitted to the Class Co-ordinator by 11th June 2022 and confirm it.



Er. D. S. Mali
HOD,
Dept. of Envt. Mgmt



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M.Phil. COMMERCE & MANAGEMENT - CBCS SYLLABUS 2018-19

- Commerce and Management (Compulsory papers are of 100 marks each; and optional paper is of 80 marks)

Paper:

- 1) Research Methodology, Quantitative Techniques and Computer Application
- 2) Recent Trends in Commerce and Management.
- 3) Optional Paper (One of the following)

a) Marketing Management
b) Financial Management
c) Human Resource Management
d) Management of Co-operative Undertakings
e) Industrial Structure of India
f) Applied Statistics and Quantitative Techniques
g) Taxation of India
h) Management Accounting
i) Industrial Structure and Policy of India
j) Advanced Cost Accountancy
k) Business Administration
l) Organisation of Trade and Logistic Management
m) Public Finance

3. EVALUATION AND ASSESSMENT METHODS, MINIMUM STANDARDS/ CREDITS FOR AWARD OF DEGREE, ETC.

3.1 The overall credit requirement, including credit for the course work, for the award of M. Phil. Degree shall not be less than 24 credits.

3.2 Upon satisfactory completion of course work, and obtaining the marks /grade prescribed under these rules, the M. Phil scholar shall be required to undertake research work and produce a draft dissertation within a reasonable time, as stipulated by CSIBER, Kolhapur.

3.3 M. Phil. scholars shall present at least one research paper in a conference/seminar before the submission of the dissertation for adjudication, and produce evidence for the same in the form of presentation certificates.

3.4 The external referees shall communicate their willingness or otherwise to evaluate the M. Phil. dissertation within one month of the receipt of Institute letter. The internal and external referees shall submit their evaluation reports within one month of the receipt of the dissertation in a prescribed Proforma along With a detailed report.

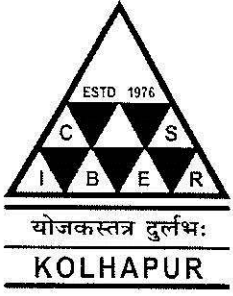
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**CHHATRAPATI SHAHU INSTITUTE OF BUSINESS
EDUCATION AND RESEARCH (CSIBER) KOLHAPUR**
An Autonomous Institute under UGC, New Delhi and Shivaji
University, College with Potential for Excellence (CPE) III Phase,
Reaccredited by NAAC with 'A+' Grade (CGPA 3.55)

Date: 10/11/2020

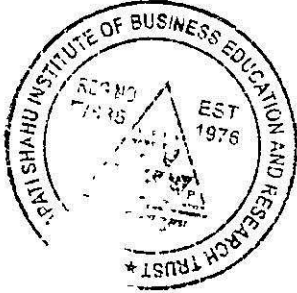
Notice for Discipline Specific Elective (DSE) Paper: 2020-21

All the students of M.Com are required to study one paper of Discipline Specific Elective (DSE) in each semester, as per course structure specified by the Institute.

Students are advised to inform their choice to the DSE Coordinator latest by 22.11.2020. Roll number wise list is available with coordinator.


Dr.K.H.Chougale
HOD,Commerce

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University Road, Kolhapur.

Address: University Road Kolhapur, 416004.

Website: www.siberindia.edu.in email: director@siberindia.edu.in

Contact: 0231-2535706/2535707

Fax: 02312535708

**Revised Structure of M.Com
(With Effect from 2017-18)
M.Com - I Year**

M.Com-I Semester – I							
Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC 1.1	Organization Theory and Behaviour	4	60	40	60	100
	CC 1.2	Managerial Economics	4	60	40	60	100
	CC 1.3	Advanced Accountancy	4	60	40	60	100
Discipline Specific Elective (DSE) Specialization [Any One]	DSE.1.1	Business Analysis & Valuation	4	60	40	60	100
	DSE 1.2	Financial Institutions & Markets					
Generic Elective (GE) (Any One) Elective From Other Department	GE 1.1	Office Automation	4	60	40	60	100
	GE 1.2	Environment and Development					
	GE 1.3	Social Problems and Services					
Ability Enhancement course (AEC)	AEC 1.1	Communication at Work	4	60	40	60	100
Total			24	360	240	360	600

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M.Com –I Semester-II							
Nature of choice	Subject Code	Subject	Full Credits	Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses	CC 2.1	Research Methodology For Business	4	60	40	60	100
	CC 2.2	Investment Analysis & Portfolio Management	4	60	40	60	100
	CC 2.3	Financial Management	4	60	40	60	100
Discipline Specific Elective (DSE) Specialization [Any One]	DSE 2.1	Cost & Management Audit	4	60	40	60	100
	DSE 2.2	Personal Financial Planning					
Generic Elective (GE) (Any One) Elective From Other Department	GE 2.1	Management Information System	4	60	40	60	100
	GE 2.2	Disaster Management					
	GE 2.3	Social Welfare Administration					
Ability Enhancement Course (AEC)	AEC 2.1	Computer Application in Business	4	60	40	60	100
Total			24	360	240	360	600

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Chh. Shahu Institute of Business Education & Research
University Road, Kolhapur.

**Revised Structure of M.Com
(With Effect from 2017-18)
M.Com - II Year**

M.Com-II Semester – III							
Nature of choice	Subject Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC 3.1	Strategic Management	4	60	40	60	100
	CC 3.2	Contemporary Issues in Business Finance	4	60	40	60	100
	CC 3.3	Corporate Restructuring	4	60	40	60	100
	CC 3.4	Project Report & Viva Voce (Summer Inplant Training)	4	50 days + 30	60	40	100
Discipline Specific Elective (DSE) Specialization [Any One]	DSE 3.1	Project Management & Control	4	60	40	60	100
	DSE 3.2	Corporate Tax Structure and Planning					
Generic Elective (GE) (Any One) Elective From Other Department	GE 3.1	Counseling: Theory and Practice	4	60	40	60	100
	GE 3.2	Sustainable Agriculture					
	G.E 3.3	Cyber Law					
Ability Enhancement Course (AEC)	AEC 3.1	Tally & ERP	4	60	40	60	100
Total			28	420	300	400	700

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M.Com –II Semester-IV							
Nature of choice	Subject Code	Subject	Full Credits	Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses	CC. 4.1	Management Information System	4	60	40	60	100
	CC. 4.2	International Business Environment	4	60	40	60	100
	CC.4.3	Management Accounting	4	60	40	60	100
Discipline Specific Elective (DSE) Specialization [Any One]	DSE. 4.1	Direct & Indirect Tax	4	60	40	60	100
	DSE.4.2	India's Foreign Trade And Investment					
Generic Elective (GE) (Any One) Elective From Other Department	GE.4.1	Software Development, Selection And Procurement	4	60	40	60	100
	GE.4.2	Occupational Health and Safety					
	G.E.4.3	Rural Economy					
Ability Enhancement Course (AEC)	AEC.4.1	Professional Skills	4	60	40	60	100
Total			24	360	240	360	600

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**Revised Structure of M.Com
(With Effect from 2019-20)
M.Com - I Year**

M.Com-I Semester – I								
Nature of choice	Subjects Code	Subjects	Credits	LTP	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC-101	Organization Theory and Behaviour	4	3:1:0	60	40	60	100
	CC-102	Contemporary Issues in Business Finance	4	3:1:0	60	40	60	100
	CC-103	Advanced Accountancy	4	3:0:1	60	40	60	100
Discipline Specific Elective (DSE) Specialization [Any One]	DSE-101-A	Business Analysis & Valuation	4	3:0:1	60	40	60	100
	DSE-101-B	Financial Institutions & Markets						
Generic Elective (GE) (Any One) Elective From Other Department	GE-101- A	Environment & Development	4	3:1:0	60	40	60	100
	GE-101-B	Indian Social Problems & Social Services						
	GE-101-C	Office Automation						
	GE-101-D	Principle of Economics						
Ability Enhancement Course (AEC)	AEC-101	Communication at Work	4	3:0:1	60	40	60	100
Total			24	NA	360	240	360	600

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M.Com-I Semester – II								
Nature of choice	Subjects Code	Subjects	Credits	LTP	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses	CC-201	Research Methodology For Business	4	3:1:0	60	40	60	100
	CC-202	Investment Analysis & Portfolio Management	4	3:0:1	60	40	60	100
	CC-203	Financial Management	4	3:0:1	60	40	60	100
Discipline Specific Elective (DSE) Specialization [Any One]	DSE-201-A	Computer Application in Business	4	3:0:1	60	40	60	100
	DSE-201-B	Personal Financial Planning						
Generic Elective (GE) (Any One) Elective From Other Department	GE-201-A	Disaster Management	4	3:1:0	60	40	60	100
	GE-201-B	Social Welfare Administration						
	GE-201-C	Management Information System						
	GE-201-D	Principles of Micro Economics						
Ability Enhancement Course (AEC)	AEC-201	Tally & ERP	4	3:0:1	60	40	60	100
Total			24		360	240	360	600

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University Road, Kolhapur.

**Revised Structure of M.Com
(With Effect from 2019-20)
M.Com - II Year**

M.Com-II Semester – III								
Nature of choice	Subjects Code	Subjects	Credits	LTP	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses (CC)	CC-301	Strategic Management	4	3:1:0	60	40	60	100
	CC-302	Company Accounts & Auditing Practices	4	3:0:1	60	40	60	100
	CC-303	Direct & Indirect Tax	4	3:0:1	60	40	60	100
	CC-304	Project Report & Viva Voce	4	0:0:4	50 days	40	60	100
Discipline Specific Elective (DSE) Specialization [Any One]	DSE-301-A	Financial Reporting	4	3:0:1	60	40	60	100
	DSE-301-B	India's Foreign Trade and Investment						
Generic Elective (GE) (Any One) Elective From Other Department	GE-301-A	Sustainable Agriculture	4	3:1:0	60	40	60	100
	GE-301-B	Fundamentals of Counselling						
	GE-301-C	E-Commerce						
	GE-301-D	Fundamentals of Macro Economics						
Ability Enhancement Course (AEC)	AEC-301	Financial Data Analysis using Excel	4	3:0:1	60	40	60	100
Total			28		420	300	400	700

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University Road, Kolhapur.

M.Com-II Semester – IV								
Nature of choice	Subjects Code	Subjects	Credits	LTP	Contact Hours	Int. Marks	Ext. Marks	Total Marks
Core Courses	CC-401	Cost & Management Audit	4	3:0:1	60	40	60	100
	CC-402	International Business Environment	4	3:1:0	60	40	60	100
	CC-403	Management Accounting	4	3:0:1	60	40	60	100
Discipline Specific Elective (DSE) Specialization [Any One]	DSE-401-A	Corporate Restructuring and Valuation	4	3:0:1	60	40	60	100
	DSE-401-B	Corporate Tax Structure and Planning						
Generic Elective (GE) (Any One) Elective From Other Department	GE-401-A	Land & Watershed Management	4	3:1:0	60	40	60	100
	GE-401-B	Basics of Social Legislation						
	GE-401-C	Basic Concepts of DBMS						
	GE-401-D	Indian Economy						
Ability Enhancement Course (AEC)	AEC-401	Professional Skills	4	3:0:1	60	40	60	100
Total			24		360	240	360	600



APPROVED

REGISTRAR
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