

## Criterion 1 – Curricular Aspects

### 1.2.1 Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

#### Index

Sr. No.	Programme Code	Programme name	Page No.
1	3129/ 3140	B.A.	1 to 56
2	4462	M.A.	
3	7822	B.Com.	57 to 110
4	7825	B.Com. IT	
5	7830	M.Com.	
6	7824	BCA	







SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA

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शिवाजी विद्यापीठ, कोल्हापूर – 416004.

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

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

Ref./SU/BOS/ HUM/ 4750

Date:- 01/06/2018

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

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

Sir/Madam,

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

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

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

Thanking you,

Yours faithfully,

Dy. Registrar

Encl: As above

Copy to;

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

for information and necessary action.

# SHIVAJI UNIVERSITY, KOLHAPUR.



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Accredited By NAAC with 'A++' Grade

**(CBCS Syllabus with MEME in accordance with NEP)**

Syllabus For

**B.A. Part-I**

**English**

**(Ability Enhancement Compulsory Course)**

**(Syllabus to be implemented from June, 2022 onwards.)**

**B.A. Part I – Ability Enhancement Compulsory Course (AECC1)  
(Compulsory English)**

**(CBCS with MEME in accordance with NEP)**

**English for Communication Detailed Syllabus  
June 2022 onwards**

**Course Objectives:**

1. To acquaint students with communication skills.
2. To inculcate human values among the students through poems and prose.
3. To improve the language competence of the students

**Semester–I**

**AECC1**

**(Paper-A)**

**Module I**

- A) Developing Vocabulary
- B) **On Saying Please**-A. G. Gardiner

**Module II**

- A) Narration
- B) **In Passion’s Shadow**-Mohan Rakesh

**Module III**

- A. English for General Purposes
- B. **The Solitary Reaper**-William Wordsworth

**Module IV**

- A. **My School**, by Rabindranath Tagore
- B. **All the World is a Stage**-William Shakespeare
- C. **The Street**-Kusumagraj

**Division of Teaching hours (Total 60 Periods)**

1. Communication Skills: 3X12=36 periods
2. Reading Comprehension: 6X4=24 periods

**\*Note: Semester I: 10 Marks for Internal Evaluation: Home Assignment**

**Pattern of Question Paper**  
**SEMESTER I (AECC1) (Paper–A)**  
**Total Marks:40**

<b>Q. No</b>	<b>Sub. Q.</b>	<b>Type of Question</b>	<b>Based On Unit</b>	<b>Marks</b>
Q.1	A	Four multiple choice questions with four alternatives to be set.	<b>Prose and poetry units.</b>	04
	B	Answer in one word/ phrase/ sentence each.	<b>Prose and poetry units.</b>	03
Q.2	A	Answer the following questions in three to four sentences each (3 out of 5)	<b>Prose and poetry units</b>	06
	B	Write short notes on the following in about seven to eight sentences each (2 out of 3)	<b>Prose and poetry units</b>	06
Q.3	---	Do as directed: (Based on <b>Module I A Developing Vocabulary</b> ) Four different exercises to be set for 2 marks each.	<b>Module I A</b>	08
Q.4	A	Question to be set on <b>English for General Purposes</b>	<b>Module III A</b>	06
	B	Question to be set on <b>Narration</b>	<b>Module II A</b>	<b>07</b>

**B.A. Part I– Ability Enhancement Compulsory Course (AECC2)**

**(Compulsory English)  
(CBCS with MEME in accordance with NEP)  
English for Communication Detailed Syllabus  
June 2022 onwards**

**Semester –II (AECC2) (Paper–B)**

**Module V**

- A. Making Inquiries
- B. **The Lost Child**-Mulk Raj Anand

**Module VI**

- A. Telephonic Communication
- B. **To My Countrymen**- A P J Abdul Kalam

**Module VII**

- A. Description
- B. **A Village Girl**-Mohan Singh

**Module VIII**

- A. **My Elder Brother**-Premchand
- B. **The Tiger**-William Blake
- C. **A Poet**-ChandrakantPatil

**Division of Teaching hours(Total 60 Periods)**

1. CommunicationSkills:3X12=36periods
2. ReadingComprehension:6X4=24periods

**\*Note: Semester II: 10 Marks for Internal Evaluation: Unit Test**

## Pattern of Question Paper

**SEMESTER II**

**(AECC2)**

**(Paper-B)**

**Total Marks:40**

Q. No	Sub. Q.	Type of Question	Based On Unit	Marks
Q.1	A	Four multiple choice questions with four alternatives to be set.	<b>Prose and poetry units.</b>	04
	B	Answer in one word/phrase/sentence each.	<b>Prose and poetry units.</b>	03
Q.2	A	Answer the following questions in three to four sentences each (3out of 5)	<b>Prose and poetry units</b>	06
	B	Write short notes on the following in about seven to eight sentences each (2out of 3)	<b>Prose and poetry units</b>	06
Q.3	A	Question to be set on <b>Making Inquiries</b>	<b>Module VA</b>	06
	B	Question to be set on <b>Telephonic Communication</b>	<b>Module VI A</b>	05
Q.4	A	Question to be set on <b>Description</b> Describing objects <b>or</b> persons	<b>Module VII A</b>	05
	B	Question to be set on <b>Description</b> Describing places <b>or</b> Daily Routine	<b>Module VII A</b>	<b>05</b>



# Shivaji University, Kolhapur



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

Syllabus For

**B.A. Part - I**

**Economics**

(Syllabus to be implemented from June, 2022 onwards.)

**Choice Based Credit System**  
**B.A. Part - I**  
**Economics Course – 1**  
**June 2022 onwards**  
**Indian Economy - I**

**Preamble :**

This paper intends to acquaint the students with various dimensions of, as also the challenges, confronting the Indian economy. It endeavors to provide useful insights to the students about the present economic standing and composition of the Indian economy, the major sectors and their relative importance in the Indian economy and the major challenges faced by it.

**Course Outcome:**

1. Acquaint the students with Structure of the Indian economy and changes taking place therein.
2. Understanding population Problem of Indian Economy
3. Awareness regarding challenges before the Indian economy.
4. Able to formulate the strategy for economic development

<b>Semester - I</b>	<b>Teaching Hours</b>	<b>Credits</b>
<b>Module – I Economic Development Since Independence</b>	<b>15</b>	<b>01</b>
1.1 Major Features of the Indian Economy at Independence		
1.2 Structural Changes in Indian Economy		
1.3 Indian Economy and Inclusive growth		
1.4 Sustainable Development		
<b>Module – II Demographic status of India</b>	<b>15</b>	<b>01</b>
2.1 Size and Causes of growth of population India		
2.2 Broad features of Indian Population		
2.3 Impact of population growth on Economic development		
2.4 Population Policy 2000		
<b>Module – III Challenges before Indian Economy - I</b>	<b>15</b>	<b>01</b>
3.1 Poverty - Meaning and Types		
3.2 Poverty - Causes and measures		
3.3 Unemployment - Meaning and Types		

3.4 Unemployment - Causes and Measures

**Module – IV Challenges before Indian Economy - II**

**15**

**01**

4.1 Economic Inequality- Nature, Causes & Remedies

4.2 Social Inequality – Nature, Causes & Remedies

4.3 Regional Imbalance – Nature, Causes & Remedies

4.4 Human Development Index – Concept, Indicators and Trends

#### **REFERENCE BOOKS**

1. Puri V.K., Misra S.K. (Latest Edition) Indian Economy, Himalaya Publishing House, Mumbai.
2. Agrawal A.N. (Latest Edition) Indian Economy, New Age International Publishers, New Delhi.
3. Datt and K.P.M. Sundharam, (Latest Edition) Indian Economy, S.Chand and Company Ltd., New Delhi.
4. Chatterjee and Mani N. (2012-13), Economic Survey of India its states, New Century Publications, New Delhi.
5. Desai Mutalik and Bhalerao Nirmal (Latest Edition) Bharatiya Arthvyavasta, Nirali Prakashan, Pune.(In Marathi Language)
6. Dr.Wavare and Dr. Ghatage (2010), Bharatiya Arthvyavasta, Nirali Prakashan, Pune.(In Marathi Language)
7. India 2014-15.
8. Handbook of Indian Statistics - 2015.
9. Economic Survey of India - Various issues
10. World Development Report - Various issues

**B.A.-I  
Economics Course – 2  
June 2018 onwards  
Indian Economy - II**

**Preamble:**

This paper intends to acquaint the students with various dimensions of, as also the challenges, confronting the Indian economy. It endeavors to provide useful insights to the students about the present economic standing and composition of the Indian economy, the major sectors and their relative importance in the Indian economy and the major challenges faced by it.

**Course Outcomes:**

1. Acquaint with the policies and performance of major sectors in Indian Economy.
2. Understanding the nature, scope, challenges and opportunities of economic reforms.
3. Awareness regarding causes of agrarian distress and remedies.
4. Understanding policy reforms regarding the industry and service sector.

<b>Semester – II</b>	<b>Teaching Hours</b>	<b>Credits</b>
<b>Module – I Policies and Performance in Agriculture</b>	<b>15</b>	<b>01</b>
1.1 Changing role of agriculture in Indian Economy		
1.2 Agricultural productivity: concepts, causes of low agricultural productivity and its measures.		
1.3 Green Revolution: Causes, Success and failure, Need of 2 <sup>nd</sup> Green Revolution.		
1.4 Agricultural Pricing and Procurement		
<b>Module - II Policies and Performance in Industry</b>	<b>15</b>	<b>01</b>
2.1 Need of Industrialization		
2.2 Industrial Policy since 1991		
2.3 Problems and prospects of Cottage and Small scale Industries		
2.4 Foreign Investment Policies since 1991		
<b>Module – III Service Sector in India</b>	<b>15</b>	<b>01</b>
3.1 Growing importance of service sector		
3.2 Significance of Banks, financial Institutions and Insurance		
3.3 Importance of IT, Transport, Communication.		
3.4 Importance of Tourism.		
<b>Module – IV Economic Reforms</b>	<b>15</b>	<b>01</b>

- 4.1 Liberalization: Concept, Implementation and Impact on Indian Economy.
- 4.2 Privatization: Concept, Implementation and Impact on Indian Economy.
- 4.3 Globalization: Concept, Implementation and Impact on Indian Economy.
- 4.4 Recent export promotion policy.

#### **REFERENCE BOOKS**

1. Puri V.K., Misra S.K.(Latest Edition) Indian Economy, Himalaya Publishing House, Mumbai.
2. Agrawal A.N. (Latest Edition) Indian Economy, New Age International Publishers, New Delhi.
3. Datt and K.P.M.Sundharam, (Latest Edition) Indian Economy, S.Chand and Company Ltd., New Delhi.
4. Chatterjee and Mani N. (2012-13), Economic Survey of India its states, New Century Publications, New Delhi.
5. Desai Mutalik and Bhalerao Nirmal (Latest Edition ) Bharatiya Arthvyavasta, Nirali Prakashan, Pune.(In Marathi Language)
6. Dr. Wavare and Dr. Ghatage (2010), Bharatiya Arthvyavasta, Nirali Prakashan, Pune.(In Marathi Language)
7. India 2014-15.
8. Handbook of Indian Statistics - 2015.
9. Economic Survey of India - Various issues 10. World Development Report - Various issues

**NATURE OF QUESTION PAPER AND SCHEME OF MARKING**

**B.A. Part- I (Semester-I) Examination -----**

**Economics Paper -----**

**Title -----**

**Sub code -----**

**Day & Date :**

**Time:**

**Total Marks : 40**

- Instructions
1. All questions are Compulsory
  2. Figures to right indicates full marks
  3. Draw neat diagram wherever necessary

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**Q 1 Complete the following sentences by choosing correct alternatives (05)**

- 1.
- 2.
- 3.
- 4.
- 5.

**Q 2 Write short notes (any three) (15)**

- A.
- B.
- C.
- D.
- E.

**Q 3 Write detail answers on any two of the following (20)**

- A.
- B.
- C.

**Internal Evaluation 10 Mark**

B.A.-I Semester-I - Home Assignment

B.A.-I Semester-II – Unit Test



Estd. 1962  
"A" Accredited by  
NAAC (2021)  
With CGPA 3.52

SHIVAJI UNIVERSITY, KOLHAPUR - 416 004,  
MAHARASHTRA

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शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४, महाराष्ट्र

दूरध्वनी - ईपीएबीएक्स - २६०९०००, अभ्यासमंडळे विभाग - ०२३१-२६०९०९४



जा.क्र./शिवाजी वि./अ.मं./समाजशास्त्र/१६७

दि.०४/०२/२०२३

प्रति,

मा. प्राचार्य/संचालक,  
सर्व संलग्नित महाविद्यालये/मान्यताप्राप्त संस्था,  
शिवाजी विद्यापीठ, कोल्हापूर

विषय : बी. ए. भाग १ समाजशास्त्र कोर्सच्या अभ्यासक्रमाबाबत...  
संदर्भ : या कार्यालयाचे पत्र क्र.३३२ दि.१९/०९/२०२२.

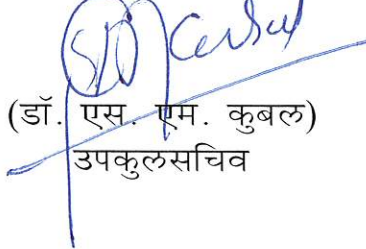
महोदय,

उपरोक्त संदर्भिय विषयास अनुसरून आपणास आदेशान्वये कळविण्यात येते की, शैक्षणिक वर्ष २०२२-२३ पासून लागू करण्यात आलेल्या बी. ए. भाग १ समाजशास्त्र कोर्सच्या अभ्यासक्रमामध्ये किरकोळ दुरुस्ती करण्यात आलेली आहे. सोबत सदर अभ्यासक्रमाची प्रत जोडली आहे. तसेच विद्यापीठाच्या [www.unishivaji.ac.in](http://www.unishivaji.ac.in) (Online Syllabus) या संकेतस्थळावर ठेवण्यात आला आहे.

सदर अभ्यासक्रम सर्व संबंधित विद्यार्थी व शिक्षकांच्या निदर्शनास आणून द्यावी ही विनंती.

कळावे,

आपला विश्वासू,

  
(डॉ. एस. एम. कुबल)  
उपकुलसचिव

सोबत : अभ्यासक्रमाची प्रत.

- प्रत : १. अधिष्ठाता, मानवविज्ञान विद्याशाखा.  
२. समन्वयक, समाजशास्त्र अभ्यास मंडळ.  
३. संचालक, परीक्षा व मुल्यमापन मंडळ कार्यालयास.  
४. परिक्षक नियुक्ती ए व बी विभागास.  
५. बी. ए. परीक्षा विभागास.  
६. संगणक केंद्र/आय. टी. सेल विभागास.  
७. दूरस्थ व ऑनलाईन शिक्षण विभाग.  
माहितीसाठी व पुढील कार्यवाहीसाठी.

# SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A++'

**CHOICE BASED CREDIT SYSTEM**

Revised Syllabus in accordance with NEP, 2020

**B.A. Part - I**

**SEM - I & II (SOCIOLOGY)**

(Revised Syllabus to be implemented from June, 2022 onwards)



**Sociology**

Course Structure (B.A.I)  
B.A. Part - I: Sociology

Sr. No	Semester	Paper No.	Title of the Paper
1	I	I	Introduction To Sociology
2	II	II	Principles of Sociology

**Sociology**

Course Structure (B.A.I)

B.A. Part - I: Sociology

From June, 2022 Onwards

**Equivalence**

Sr.No.	Title of old paper	Title of New paper
1	Introduction to Sociology Sem.- I Paper- I	Introduction To Sociology Sem.- I Paper- I
2	Principles of Sociology Sem.- II -Paper- II	Principles of Sociology Sem.- II – Paper-II

**Revised Syllabus for**  
**B. A. Part - I Semester - I (CBCS)**  
**Sociology From June, 2022 Onwards**  
**Paper I - INTRODUCTION TO SOCIOLOGY      Credit : 04**

**Preamble:**

The sociological study is the view of society in its comprehensive totality and utility. Sociology essentially and fundamentally deals with that network of social relationship we call society. The study of social relationships themselves is the main interest of sociology. We are creating the awareness of all these social problems among the students and trying to make them sustainable for council others in the society. Sociology always makes a scientific study of society. Our main object is to create sustainable and well-equipped student through this subject.

**Course Objectives:**

1. To make understand the social context of emergence of sociology.
2. To introduce basic concept in sociology.
3. To give the knowledge of human interactions and inter-relationships.
4. To make able the students identify the function of social institution.
5. To give the knowledge of human behavior in groups and social groups or social system.

**Course Outcomes:**

1. The student learn to apply to sociological perspective in understanding how society shapes our individual lives.
2. It also provides a foundation for the other more detailed and specialized course in sociology.
3. The student learn how to read and interpret complex ideas and texts and to present them in a cogent manner.

**Semester : I****Credits – 04****Module-I The Nature of Sociology:****Periods - 15**

- A. Sociology : Definition and subject matter of sociology
- B. Origin and Development of Sociology : A Brief outline
- C. Importance of Sociology

**Module –II Basic Concepts in Sociology:****Periods - 15**

- A. Social Interaction : Meaning and Types
- B. Society : a) Meaning and Characteristics of Human society  
b) Types of Society

**Module -III Social Institutions:****Periods - 15**

- A. Social Institution : Meaning & Characteristics
- B. Importance of Social Institutions
- C. Social Institutions and their Functions (Family, Marriage, Religion, Education)

**Module –IV Social Groups:****Periods - 15**

- A. Social Groups: Meaning and Characteristics
- B. Bases of Classification of Social Groups
- C. Primary and Secondary Groups

### **Books Recommended :**

1. Brom, Leonard and Selznick Phillip : Sociology, Raw, Peterson and company, New York, 1957
2. Chinoy, Ely : Society - An Introduction to sociology, Random House, 1961.
3. David Dressler and Wills, W.M. : Sociology - The study of Human Interaction, Alfred AKnof, New York, 1976.
4. Davis, Knigsley : Human Society, Macmillan, New York, 1948.
5. Harlambos, M. and R.M. Heald : Sociology - Themes and perspectives, OxfordUniversity Press, New Delhi, 1994.
6. Horton and Hunt : Sociology, MacGraw Hill, Tokyo, 1976.
7. Inkeles Alex : What is Sociology? : Intlewood Cliffs, Inc., prentice Hall, New Delhi 1964
8. Johnson, Harry M : Society - An Introductory Analysis, Mac Millan & Co. Ltd., London, 1965.
9. Rawat, H. K. : Sociology, Rawat Publications Jaipur, 2007.
10. Tischler, H.L. Whitten, Phillip & Hunter, David E.K. : Introduction to sociology, Holt, Rinehart and Winston, 1983.
11. Salunkhe, Sarjero : Samajshstrateel Mulbhoot Sankapana, (in Marathi), NarendraPublication, Appa Balawant Chowk, Pune, 2006
12. Jadav, Ramesh : Samajshastra (in Marathi) , C.Jamanadas and Co. Mumbai, 1988.
13. Sangave, Vilas : Samajshastra (in Marathi), Popular Prakashan, Mumbai.
14. Nadgonde, Gurunath : Samajshastra chi Multatve (in Marathi), Continental Prakashan, Pune.
15. Bhandarkar, P.L. and Vaidaya N.S. : Samajshastriya Siddhant, Maharashtra Granth Nirmiti Mandal., Nagpur, 1986.

### **Revised Syllabus for**

#### **B. A. Part - II Semester - II (CBCS)**

#### **Sociology From June, 2022 Onwards**

#### **Paper II - PRINCIPLES OF SOCIOLOGY**

**Credit : 04**

#### **Preamble:**

The sociological study is the view of society in its comprehensive totality and utility. Sociology essentially and fundamentally deals with that network of social relationship we call society. The study of social relationships themselves is the main interest of sociology. We are creating the awareness of all these social problems among the students and trying to make them sustainable for council others in the society. Sociology always makes a scientific study of society. Our main object is to create sustainable and well-equipped student through this subject.

#### **Course Objectives:**

1. To create awareness about sociological principles in students.
2. To guide the students about social life and culture.
3. To familiarize students with new avenues in sociology
4. To give the knowledge of human behavior in socialization and social controls.
5. To give an outline of sociological background and social change.

#### **Course Outcomes:**

1. The course is intended to introduce the student to a sociological way of thinking.
2. It also provides a foundation for the other more detailed and specialized course in sociology.
3. The course provide competitive atmosphere for the student.

**Semester : II****Credits – 04****Module –I Culture:****Periods - 15**

- A) Culture : Meaning and characteristics
- B) Elements of Culture
- C) Importance of Culture

**Module –II Socialization:****Periods - 15**

- A) Meaning and Stages in the Process of Socialization
- B) Agencies of Socialization
- C) Importance of Socialization

**Module –III Social Control:****Periods - 15**

- A) Social Control : Meaning and Nature
- B) Functions of Social Control
- C) Types of Social Control

**Module –IV Social Change:****Periods - 15**

- A) Social Change: Meaning and characteristics
- B) Factors of Social Change
- C) Obstacles of Social Change

**Books Recommended:**

1. Brom, Leonard and Selznick Phillip : Sociology, Raw, Peterson and company, New York,1957
2. Chinoy, Ely : Society - An Introduction to sociology, Random House, 1961.
3. David Dressler and Wills, W.M. : Sociology - The study of Human Interaction, Alfred AKnof, New York, 1976.
4. Davis, Knigsley : Human Society, Macmillan, New York, 1948.
5. Harlambos, M. and R.M. Heald : Sociology - Themes and perspectives, OxfordUniversity Press, New Delhi, 1994.
6. Horton and Hunt : Sociology, MacGraw Hill, Tokyo, 1976.
7. Inkeles Alex : What is Sociology? : Intlewood Cliffs, Inc., prentice Hall, New Delhi 1964
8. Johnson, Harry M : Society - An Introductory Analysis, Mac Millan & Co. Ltd., London,1965.
9. MacIver and Page : Society - An Introductory Analysis, Mac Millan & Co.Ltd., London,1965.
10. Rawat, H. K. : Sociology, Rawat Publications Jaipur, 2007.
11. Tischler, H.L. Whitten, Phillip & Hunter, David E.K. : Introduction to Sociology, Holt, Rinehart and Winston, 1983.
12. Salunkhe, Sarjero : Samajshstrateel Mulbhoot Sankapana, (in Marathi), NarendraPublication, Appa Balawant Chowk, Pune, 2006
13. Jaday, Ramesh : Samajshastra (in Marathi) , C.Jamanadas and Co. Mumbai, 1988.  
Sangave, Vilas : Samajshastra (in Marathi), Popular Prakashan, Mumbai.
14. Nadgonde, Gurunath : Samajshastra chi Multatve (in Marathi), Continental Prakashan,Pune.
15. Bhandarkar, P.L. and Vaidaya N.S. : Samajshastriya Siddhant, Maharashtra GranthNirmiti Mandal, Nagpur, 1986.

**NATURE OF QUESTION PAPER AND SCHEME OF MARKING**

**B.A. Part- I (Semester-I & II) Examination -----**

**Sociology Paper -----**

**Title -----**

**Sub code -----**

**Day & Date :**

**Time:**

**Total Marks : 40**

Instructions 1. All questions are Compulsory

2. Figures to right indicates full marks

**Q 1 Complete the following sentences by choosing correct alternatives (05)**

- 1.
- 2.
- 3.
- 4.
- 5.

**Q 2 Write short notes (any three) (15)**

- A.
- B.
- C.
- D.
- E.

**Q 3 Write detail answers on any one of the following (10)**

- A.
- B.

**Q 4 Write detail answers on any one of the following (10)**

- A.
- B.

**Internal Evaluation 10 Mark**

B.A.-I Semester-I - Home Assignment

B.A.-I Semester-II –Unit Test

# **SHIVAJI UNIVERSITY, KOLHAPUR.**



Accredited By NAAC with 'A' Grade

Revised Syllabus For

**B. A. Part-III & B. A. B. Ed.**

**Geography**

(Economic Geography)

**CBCS PATTERN**

Syllabus to be implemented from

(Subject to the modifications to be made from time to time)

**Syllabus to be implemented from June 2020 onwards**

**B. A. Part – III & B. A. B. Ed.**

**Geography (Economic Geography)**

**Syllabus to be implemented from June 2020 onwards**

**Semester-VI**

**1. TITLE : Economic Geography**

Optional under the Faculty of Science

**2. YEAR OF IMPLEMENTATION :**

Revised Syllabus will be implemented from June 2020 onwards.

**3. PREAMBLE**

[**Note :-** The Board of Studies should briefly mention foundation, core and applied components of the course/paper. The student should get into the prime objectives and expected level of study with required outcome in terms of basic and advance knowledge at examination level.]

**4. GENERAL OBJECTIVES OF THE COURSE**

- 6) To study the basics of economic geography.
- 7) To study the locational factors of economic activities with special reference to agriculture and industry.
- 8) To study the basics concepts related to manufacturing and major manufacturing industries of selected countries of the world.
- 9) To study the transport and trade.

**5. COURSE OUTCOMES**

- 5) In depth understanding about the economic geography.
- 6) Detailed knowledge about locational factors of economic activities with special reference to agriculture and industry.
- 7) Detailed understanding of the basics concepts related to manufacturing and major manufacturing industries (selected countries) of the world.
- 8) Understanding of the transport and trade.

**6. DURATION**

- The course shall be a full time course
- The duration of course shall be of one year (Sem. – VI)

**7. PATTERN**

**Pattern of Examination will be Semester**

**8. FEE STRUCTURE**

**(As per the Shivaji University rules; and as applicable to regular)**

**9. ELIGIBILITY FOR ADMISSION :**

As per eligibility criteria prescribed for each course and the merit list in the qualifying examination.

**10. MEDIUM OF INSTRUCTION :**

The medium of instruction shall be in English or Marathi. (as applicable to the course /programme concerned.)

**11. STRUCTURE OF COURSE 50 MARKS**

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission/revision of first year syllabus.)

**SEMESTER SIX****Paper No.****DSE-E231 or X, Economic Geography****Title Marks****50****12. SCHEME OF TEACHING AND EXAMINATION**

[The scheme of teaching and examination should be given as applicable to the course/paper concerned.]

Sr. No.	Subject/Paper	Teaching Scheme (Hrs/Week)				Examination Scheme (Marks)		
		L	T	P	Total	Theory	Term Work	Total
1	Economic Geography	04	04	00	04	40	10	50

**14. SCHEME OF EXAMINATION :**

- The examination shall be conducted at the end of each semester
- The theory paper shall carry 40 marks
- The term work shall carry 10 marks
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 50 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

**15. STANDARD OF PASSING:**

As Prescribed under rules & regulation for each degree/ programme.

**16. NATURE OF QUESTION PAPER AND SCHEME OF MARKING :**

(Unit wise weightage of marks should also be mentioned)

Semester -VI	Marks
Question: 1) Objective Type Question ( Multiple Choice)	05
Question: 2) Short Notes (Any three out of five)	15
Question: 3) Detailed Answer Type Question (Any two out of three)	20

**17. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS- (FOR REVISED SYLLABUS)**



Sr. No.	Title of Old Paper	Old paper No.	Title of New paper	New Paper No.
1	Economic Geography of India	X	Economic Geography	DSE-E231 or X

**18. SPECIAL INSTRUCTIONS, IF ANY.**

**NEW/REVISED SYLLABUS FOR  
B. A. Part-III and B. A. B. Ed. Geography  
(Syllabus to be implemented from June 2020 onwards)  
Semester - VI**

(iii) E231 or Paper No. X

(iv) Title of Paper: Economic Geography

Module	Teaching Hours	Credit
<b>Module – I Introduction to Economic Geography</b>	<b>15</b>	<b>1</b>
1.1 Definition, Nature and Scope		
1.2 Concept and Classification of Economic Activity		
1.3 Branches of Economic Geography		
1.4 Significance of Economic Geography		
<b>Module – II Economic Activity</b>	<b>15</b>	<b>1</b>
2.1 Factors Affecting on Location of Agricultural Activity		
2.2 Factors Affecting on Location of Industrial Activity		
2.3 Alfred Weber’s Theory of Industrial Location		
<b>Module – III Manufacturing Activity</b>	<b>15</b>	<b>1</b>
3.1 Concept of Manufacturing Region		
3.2 Concept of Special Economic Zone		
3.3 Major Industries: i) Cotton Textile Industry - USA		
ii) Iron and Steel Industry – USA		
iii) Sugar Industry – Brazil		
iv) Automobile Industry – India		
<b>Module – IV Transport and Trade</b>	<b>15</b>	<b>1</b>
4.1 Significance of Transportation		
4.2 Major Transport Routs: Roadway, Railway, Airway and Ocean Routs		

### 4.3 International Trade: India and USA

### 4.4 Trade Policies: India and USA

#### **Books Recommended:**

#### **References**

- Alexander J. W., (1963): Economic Geography, Prentice Hall Inc Englewood Cliffs, New Jersey.
- Boesch H. (1964) : A Geography of world Economy” D. Van Nostrand co. New York.
- Coe N. M., and others, (2007): Economic Geography: A Contemporary Introduction, Wiley-Blackwell.
- Combes P., Mayer T. and Thisse J. F., (2008) Economic Geography: The Intergration of Regions and Nations, Princeton University Press.
- Goh Chang & Morgan, G.C. (1997): Human and Economic Geography, Oxford University Press.
- H. Robinson (1978): Economic Geography, Macdonald & Evans.
- Hamilton, I (1992) : Resources and Industry, Oxford University Press New York.
- Hartshorn, T.N. and Alexander, J.W. (1994): Economic Geography, Prentice Hall, New Delhi.
- Hodder B. W. and Lee Roger, (1974): Economic Geography, Taylor and Francis.
- Meyer, B. S., Anderson, D. B. and Bohning, R. H. (1960): An Introduction to Plant Physiology, Von Nostrand Company, New York.
- Roborston D (2001) : Globalization and Environment E. Elgar CO.U.K.
- Sadhukhan S. K., (1990): Economic Geography An Appraisal of Resources, S. Chand and Company Ltd., New Delhi.
- Truman A. Hartshorn and John W. Alexander, (1988): Economic Geography, PHI Learning Private Limited, New Delhi.
- Walker, D. F., Collins, L. (Eds.), (1975): Locational Dynamics of Manufacturing Activity, John Wiley and Sons, New York.
- Wheeler J. O., (1995) : Economic Geography John Wiley, New York.
- White H.P. and Senior M.L. (1983) Transport Geography, Longman, London.
- Willington D. E., (2008): Economic Geography, Husband Press.
- Zimmermann, E. W., (1933): World's Resources and Industries, Harper and Row, New York.
- खतीब के. ए. — आर्थिक भूगोल, अजब प्रकाशन, कोल्हापूर
- धारपूरे विठ्ठल — आर्थिक भूगोल, पिंपळापुरे अॅण्ड कं, नागपूर
- सवदी, कोळेकर — आधुनिक भूगोल, निराली प्रकाशन, पुणे.
- सवदी कोळेकर (२००८) — भूगोलाची मुलतत्वे, खंड दुसरा, निराली प्रकाशन

# **SHIVAJI UNIVERSITY, KOLHAPUR.**



Accredited By NAAC with 'A' Grade

Revised Syllabus For

**B. A. Part-III & B. A. B. Ed.**

Geography of India

**CBCS PATTERN**

(Subject to the modifications to be made from time to time)  
Syllabus to be implemented from June 2020 onwards

**Accredited By NAAC  
With 'A' Grade  
New/Revised Syllabus For**

**B. A. Part – III / B. A. B. Ed.**

DSE (Discipline Specific Elective) – E107 (Paper No. VIII) Geography (Sem. V)  
Syllabus to be implemented from June 2020 onwards

**A] Ordinance and Regulations:-**

**(As applicable to degree/program)**

**B] Shivaji University, Kolhapur**

New/Revised Syllabus for Bachelor of Arts and B. A. B. Ed.

**1. TITLE: Subject – GEOGRAPHY OF INDIA**

**Optional/Compulsory/Additional/IDS under the Faculty of Science**

**2. YEAR OF IMPLEMENTATION:** - New/Revised Syllabi will be implemented from June 2020 onwards.

**3. PREAMBLE:-**

The present course focuses on the studies of Geography of India should briefly mention foundation, core and applied components. The student should get into the prime objectives and expected level of study with required outcome in terms of basic and advance knowledge of physiography, climate, drainage, soils, vegetation, agriculture and industry etc.

**4. GENERAL OBJECTIVES OF THE COURSE/ PAPER/:**

**(As applicable to the Degree /Subject- Paper concerned)**

- 1) To acquaint the students with distinct dimensions of India and physical setup of the country.
- 2) To focus the climate of India and mechanism of monsoon of India.
- 3) To get information about soils and vegetations in India.
- 4) To help the students to understand recent trends in regional study.
- 5) To focus on the mineral, agricultural and industrial product of the country.
- 6) To understand the economic setup of the country.

**4.1 COURSE OUTCOMES**

- 1) In depth understanding the dimensions and physiography of India.
- 2) The students are fully aware about the climatic seasons in India.

- 3) Detailed knowledge about soils, vegetations, drainage systems in India.
- 4) Understanding an importance of agriculture and industry in Indian economy.
- 5) Detailed knowledge about the economic setup of the India.

## **5. DURATION**

- **The course shall be a full time course.**
- **The duration of course shall be of Three years, as applicable to the respective degree.**

## **6. PATTERN:-**

Pattern of Examination will be Semester.

## **7. FEE STRUCTURE :-**

As per Government /University rules.

**[Note: - In case of any New degree/Program started at university/college, the respective colleges/ Dept. should submit a separate proposal of fee structure to BOS office. (i. e. Tution Fee & Laboratory Fee, if any.)**

## **8. ELIGIBILITY FOR ADMISSION:-**

As per eligibility criteria prescribed for respective degree program and the merit in the qualifying examination (i.e. Entrance Examination), if any.

## **9. MEDIUM OF INSTRUCTION:**

The medium of instruction shall be in English or Marathi. (as applicable to the course / programme concerned.)

## **10. STRUCTURE OF COURSE = 50 marks**

**(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission/revision of first year syllabus.)**

## **SEMESTER FIFTH**

<b>Paper No.</b>	<b>Title Marks</b>
<b>E107 (DSE)/Paper No. VIII, Geography of India</b>	<b>50</b>

## **11. SCHEME OF TEACHING:**

The scheme of teaching and examination should be given as applicable to the course / paper concerned.

Sr. No.	Subject/Papers	Teaching Scheme Per Week				Examination Scheme (Marks)			
		L	T	P	Total	Theory	Practical	Term work	Total
1	Geography of India	04	04	-	04	40	-	10	50

## 12. SCHEME OF EXAMINATION:

- The examination shall be conducted at the end of each term for semester pattern.
- The Theory paper shall carry 40 marks and term work shall carry 10 marks (as applicable to the course).
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 40 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

## 13. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / programme.

## 14. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

(Unit wise weightage of marks should also be mentioned)

Semester V	Marks
Question: 1) Objective Type Question ( Multiple Choice)	05
Question: 2) Short Notes (Any three out of five)	15
Question: 3) Detailed Answer Type Question (Any two out of three)	20

## 15. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS- (FOR REVISED SYLLABUS)

Sr. No.	Title of Old Paper	Old paper No.	Title of New paper	New Paper No.
1	Economic Geography	VIII	Geography of India	DSE-E 107 Or VIII

**16. SPECIAL INSTRUCTIONS, IF ANY – Nil**

**New/ Revised syllabus for  
B. A. Part-III and B. A. B. Ed. (Semester -V)  
(Syllabus to be implemented from June 2020 onwards)**

**(i) Paper – E107 or VIII**

**(ii) Title of Paper - Geography of India.**

**(iii) Specific Objectives: -----**

**(iv) A brief note: - (On expected level of study from examination and assessment point of view) :- -----**

<b>Module</b>	<b>Lectures</b>	<b>Credit</b>
<b>Module -I) Physical Profile of India</b>	<b>20</b>	<b>1</b>
1.1) Location (Absolute and Relative)		
1.2) Physiographic Divisions (Characteristics and Importance)		
1.3) Climate: Summer, Rainy and Winter Seasons in India (weather conditions and Characteristics)		
1.4) Major Drainage Systems: a) Northern River Systems (Sindhu, Ganga & Brahmaputra) b) Southern River Systems (Godavari, Krishna & Cauvery) (Characteristics and Importance)		
<b>Module -II) Soils and Forests</b>	<b>14</b>	<b>1</b>
2.1 Major soil types, characteristics and its distribution in India		
2.2 Soil degradation and soil conservation in India		
2.3 Major forest types: characteristics and their distribution		
2.4 Deforestation and conservation of forests in India		
<b>Module -III) Mineral and Power Resources</b>	<b>13</b>	<b>1</b>
3.1 Conventional Resources: Iron Ore and Manganese (Distribution, Production and Trade)		
3.2 Power Resources: Coal and Mineral Oil (Distribution, Production and Trade)		

3.2 Non Conventional Resources: Solar and Wind (Distribution, Production and Trade)

**Module -IV) Agriculture and Industry** **13** **1**

4.1 Importance of Agriculture in Indian Economy.

4.2 Major Crops: Rice and Sugarcane (Distribution, Production and Trade)

4.3 Importance of Industries in Indian Economy.

4.4 Industries: Location Factors, Sugar Industry, Iron and Steel Industry and Fertilizer Industry (Distribution, Production and Trade)

**References:**

1. Majid H., (2013): Geography of India, Tata Mcgraw Hill Education (India) Private Limited, New Delhi.
2. Khullar R. D. (2007): India- A Compressive Geography, Kalayani Publisher.
3. Tiwari, R.C. (2007) Geography of India. Prayag Pustak Bhawan, Allahabad.
4. Singh R. L., (1971): India: A Regional Geography, National Geographical Society of India.
5. Deshpande C. D., (1992): India: A Regional Interpretation, ICSSR, New Delhi.
6. Johnson, B. L. C., ed. (2001). Geographical Dictionary of India. Vision Books, New Delhi.
7. Mandal R. B. (ed.), (1990): Patterns of Regional Geography – An Intenational Perspective. Vol. 3 –  
8. Indian Perspective.
9. Sdyasuk Galina and Sengupta P., (1967): Economic Regionalisation of India, Census of India
10. Sharma, T. C. 2003: India - Economic and Commercial Geography. Vikas Publ., New Delhi.
11. Singh, J., (2003),: India - A Comprehensive & Systematic Geography, Gyanodaya Prakashan, Gorakhpur.
12. Spate O. H. K. and Learmonth A. T. A., (1967): India and Pakistan: A General and Regional  
13. Geography, Methuen.



14. Tirtha, R., (2002): Geography of India, Rawat Publs., Jaipur & New Delhi.
15. Pathak, C. R. (2003): Spatial Structure and Processes of Development in India. Regional Science  
Assoc., Kolkata.
16. Sharma, T.C. (2013): Economic Geography of India. Rawat Publication, Jaipur.
17. Savadi, Kolekar: Bharatacha Samarag Bhugol, Nirali Prakashan, Pune.
18. Khatib K. A.,: Geography of India
19. Pawar C.T. & Others : Geography of India.
20. Soil and Water conservation manual Govt. of India.

# SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

**Revised Syllabus For**

**B.A. Part-III**

**Sociology**

**Syllabus to be implemented from**

**June, 2020 onwards.**

# Shivaji University, Kolhapur.

## REVISED SYLLABUS OF B. A. III SOCIOLOGY

### Choice Based Credit System (CBCS)

Semester – V, DSE – E66 SOCIOLOGY – VII

### WESTERN SOCIOLOGICAL THINKERS

(June, 2020 onwards)

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#### A) Course Objectives

Objective of teaching sociological Thinkers to undergraduate students is to enable them to apply theory to their own everyday life experiences.

This requires that students develop their sociological imagination and the capacity to read each situation sociologically and then to think about it theoretically.

To this end, it is imperative that sociological theory courses demonstrate the applicability of theory to students.

#### B) Course Learning Outcomes:

1. Understanding the grand foundational themes of sociology.
2. Application of theories and concepts from classical sociological theories to develop intellectual openness and curiosity.
3. Appreciation of the classical concepts and theories to develop awareness of the limits of current knowledge.

#### C) Course Content:

Module	Topic and Sub-Topic	Teaching Hours	Credits
Module -I	<b>AUGUSTE COMTE</b> A) Law of Three Stages B) Concept of Positivism. C) Social Statics and Social Dynamics.	15	1
Module -II	<b>KARL MARX</b> A) Dialectical Materialism B) Theory of Class Conflict C) Theory of Alienation	15	1

<b>Module -III</b>	<b>EMILE DURKHEIM</b> A) The Study of Social Facts B) Theory of Division of Labour C) Theory of Suicide	<b>15</b>	<b>1</b>
<b>Module -IV</b>	<b>MAX WEBER</b> A) The Ideal Type B) Theory of Social Action C) Types of Authority.	<b>15</b>	<b>1</b>

#### **D) Teaching Learning Process:**

1. The students are encouraged to read the original texts and the teacher often participates in the reading process. Thereby the teacher engages in active, rather than passive, pedagogy.
2. It is important that the classroom sessions, initiated either by the student or the teacher, would encourage teamwork and draw students towards learning, yet there are other means available now which add to that. The use of digital/ICT generated techniques (audio-visual aids).

#### **E) Assessment Methods:**

1. Class assignments/term papers, theme(s) of which are chosen following teacher student discussion, is one of the ways of assessing the subject and writing skill of the students.
2. Tutorial discussion oral presentations and viva-voce, short individual/team led field studies/projects and seminars/workshops are other modes of assessment. These are included in the Internal Assessment (IA) system.
3. Mid-semester examination is another mode of assessment. Here again, the topic(s) on which the students are to be examined are chosen through teacher-student consultation. Mid-semester examination tests the students on the grasp of the topic(s) in particular and the discipline in general.
4. The end-semester examination is conducted by the university and the student is tested and evaluated on the basis of the entire paper (syllabus). S/he is expected to have a full knowledge of the paper and prescribed readings.

NOTE: Visit to University Library

**F) REFERENCES:**

1. Abraham Francis Modern sociological Theory, Delhi Oxford University press,1982
2. Abraham Francis 'Sociological Thought', Madras Macmillan,1991
3. Aron Raymond Main Currents In Sociological Thought,Vol.I & II
4. Coser A.Lewis 'Masters of Sociological Thought' Rawat publications Jaipur 1996
5. Delaney Tim 'Contemporary Social Theory,Investigation and Application'
6. Haralambos & Holborn Sociology : Themes and Perspectives Published by  
Harper Collins Publishers Ltd.London W6 8JB 2008
7. Ritzer George Classical Sociological Theory, 4th edition,Nework, Mc-grawhill  
publication. 1996.

## REVISED SYLLABUS OF B. A. III SOCIOLOGY

### **Choice Based Credit System (CBCS)**

Semester – V, DSE – E67 SOCIOLOGY– VIII

### **METHODS OF SOCIAL RESEARCH (Part-I)**

(June, 2020 onwards)

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#### **A) Course Objective:**

1. The course is a general introduction to the methodologies of sociological research. It will provide the student with elementary knowledge of the complexities and philosophical underpinnings of research.

#### **B) Course Learning Outcomes:**

1. Students are introduced to the concept of conducting research, which is inclusive of formulating research designs, methods and analysis of data. Some knowledge of elementary statistics is also provided to the students to acquaint them with quantification of data.

2. The thrust of the course is on empirical reasoning, understanding and analysis of social reality, which is integral to the concepts of quantitative research. Students learn to differentiate between qualitative and quantitative aspects of research in terms of collection and subsequent analysis of data.

3. Through the competing theoretical perspectives and methodologies, students are able to understand that social reality is multi-faceted, heterogeneous and dynamic in nature.

4. By imparting the knowledge of theory and praxis of research, students are prepared to arrive at a critical understanding of the course. It also equips them with necessary skills for employment in any social research organization.

#### **C) Course Content:**

<b>Module</b>	<b>Topic and Sub- Topic</b>	<b>Teaching Hours</b>	<b>Credits</b>
<b>Module-1</b>	<b>Introduction to social Research</b> a. Philosophy of social science b. Meaning and objectives of social research c. Scientific Steps in Social Research d. Relation between theory and fact	15	01
<b>Module -2</b>	<b>Research Design</b> a. Meaning and Nature of Research Design b. Explorative c. Descriptive d. Experimental	15	01
<b>Module -3</b>	<b>Basic Elements of Social Research</b> a. Concepts-meaning and characteristics		

	b. Variable- meaning and Types c. Hypothesis- meaning and Sources	15	01
<b>Module -4</b>	<b>Modes of Enquiry</b> a. Quantitative Research : meaning and characteristics b. Qualitative Research: meaning and characteristics c. Importance of Quantitative and Qualitative Research	15	01

**D) Teaching - learning process:**

- a. A research methods course will require a robust class room discussion on various aspects of the course leading to a clearer understanding of concepts and research methods and the production of knowledge.
- b. Interactive classroom sessions contribute to the development of group skills including listening, brainstorming, communicating and negotiating with peers.

**E) Assessment Methods:** Assessment for this course will be based on written assignments, projects, project designs and presentations.

**NOTE: Organise One Day Workshop on Research Methodology**

**F) Reference Book :**

**Durkheim, E.** 1958, The Rules of Sociological Method, New York: The Free Press

**Weber, Max.** 1949, The Methodology of the Social Sciences, New York: The Free Press

**Radcliffe-Brown, A.R.** 1958, Methods in Social Anthropology, Delhi: Asia Publishing Corporation

**Beitelle, A.** 2002, Sociology: Essays on Approach and Method, New Delhi

**Goode, W. E. and P. K. Hatt.** 1952. Methods in Social Research. New York: McGraw Hill.

**Srinivas, M.N.** et al 2002(reprint), The Fieldworker and the Field: Problems and Challenges in Sociological Investigation, New Delhi

**Bryman, Alan.** 2004, Quantity and Quality in Social Research, New York: Routledge

**Merton, R.K.** 1972, Social Theory & Social Structure, Delhi: Arvind Publishing House

## REVISED SYLLABUS OF B. A. III SOCIOLOGY

### Choice Based Credit System (CBCS)

Semester – V, DSE – E68 SOCIOLOGY – IX

### POLITICAL SOCIOLOGY

(June, 2020 onwards)

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#### A) Course Objective:

This course aims to acquaint the students with the major concepts, theoretical approaches and perspectives of political sociology. It seeks to prepare the students to apply these concepts and approaches to the understanding of the nature of the political processes and institutions in India. The course also exposes the students to the emerging perspective on the polity-society relationship in contemporary times.

#### B) Course Learning Outcomes:

1. An ability to comprehend the embeddedness of political and the social in each other.
2. Familiarity with different theoretical and conceptual issues in political sociology and a capacity to use them to grasp political phenomena in a cross-cultural and comparative perspective
3. Be able to understand and appreciate the diversity of ways in which politics operates historically and spatially to generate a more expansive notion of the realm of the political.
4. Be able to understand the relationship between state and society in shaping politics in India both historically and analytically.
5. Be able to generate hypotheses and research questions within the theoretical perspectives and ethnographic contexts in political sociology.

#### C) Course Content:

	Topic and Sub- Topic	Teaching Hours	Credits
Module - I	<b>Nature of Political Sociology</b> A) Definition and Subject Matter of Political Sociology B) Emergence of Political Sociology C) Importance of Political Sociology	15	1



<b>Module - II</b>	<b>Basic Concepts in Political Sociology</b> A) Power: Meaning and Nature B) State: Meaning and Nature C) Civil Society: Meaning and Nature	15	1
<b>Module - III</b>	<b>Study of Perspectives to Political Sociology</b> A) Perspectives on Power: Weberian, Marxist and Ambedkarian B) Perspectives on State: Liberal, Pluralist, Power-elite, Post-modernist	15	1
<b>Module - IV</b>	<b>Political parties in India</b> A) Political parties: characteristics and social composition. B) Pressure groups and Interest groups: characteristics and political significance. C) Major Political Parties and Their Principles	15	1

**D) Teaching-Learning Process:**

Teaching learning process in this paper has to be interactive and reflective as majority of students are more often disinterested in questions concerning the political. Teachers should encourage students to read the daily newspaper and peruse electronic journals which would animate the conceptual and analytical aspects of the course with real socio-political events from the students' immediate contexts. Use of audio-visual resources, mainly documentaries will be made an integral part of learning in this course.

**E) Assessment Methods:**

Assessment in this paper will be in the form of written assignments, book reviews, film reviews, class presentations, projects, and class test.

**F) Keywords:**

Power, Authority, Resistance, Politics, Elite, State, Democracy, Citizenship, Rights, Para-Political Systems, Post-Colonialism

**NOTE: 1) Visit to Vidhansabha / Vidhanparishad**

**2) Visit to any Gram Sachivalaya / Corporation**

### **G) Reference Book(s)**

1. Bendix, R. and S. M. Lipset (Eds.). *Class, Status and Power*. London: RKP, 1966.
2. Bhargava, R. *Secularism and its Critics*. New Delhi: OUP, 1999.
3. Bottomore, T. *Elites and Society*. Harmondsworth: Penguin, 1966.
4. Chakravarty, A. *Contradiction and Change*. Delhi: OUP, 1975.
5. Dahl, R. *Who Governs?* New Haven: Yale University P, 1961.
6. Desai, A.R. *State and Society in India: Essays in Dissent*. Bombay: Popular Publication, 2000
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## REVISED SYLLABUS OF B. A. III SOCIOLOGY

### Choice Based Credit System (CBCS)

Semester – V, DSE – E69 - SOCIOLOGY – X

### HUMAN RIGHTS

(June 2020 onwards)

#### **A) OBJECTIVES:-**

- 1.To Provide the conceptual understanding about the human rights.
2. To understand the nature and role of Human Rights in India.
3. To understand violation of Human Rights in India.

#### **B) Course Learning Outcomes:**

##### **After completion of program students will able to-**

- 1)Conceptual understanding about the Human Rights
- 2)Identify issues and problems relating to the realization of human rights
- 3)Understand the nature & role of human rights in India
- 4) Contribute to the resolution of human rights issues and problems
- 5)Educate the society about the human rights and duties in order to create responsible citizenry

#### **C) Course Content:**

	<b>Topic and Sub- Topic</b>	<b>Teaching Hours</b>	<b>Credits</b>
<b>Model - I</b>	<b>HUMAN RIGHTS</b> A) Meaning and Characteristics of Human Rights B) History of Human Rights in India ( Ancient Period to After Independent Period ) C) Perspectives of Human Rights. (Sociological Perspective and Modern Perspectives -Jeromi J.Shestoak)	15	1
<b>Model - II</b>	<b>UNITED NATIONS ORGANIZATIONS AND HUMAN RIGHTS</b> A)Universal Declaration of Human Rights,1948 B)International Covenant on Economic ,Social and cultural Rights,1966 C) International Covenant on civil and Political Rights,1966	15	1
<b>Model - III</b>	<b>HUMAN RIGHTS IN INDIA</b> A)Indian Constitutions and Human Rights B) National Human Rights Commission in India (Structure and Role) C) Function of National Scheduled Castes and Scheduled Tribe commission in India	15	1
<b>Model - IV</b>	<b>VIOLATION OF HUMAN RIGHTS IN INDIA</b> A)Human Trafficking B)Mob Lynching C)Honor Killing	15	1

**D) Teaching-Learning Process:**

Teaching learning process in this paper has to be interactive and reflective as majority of students are more often disinterested in questions concerning the human rights. Teachers should encourage students to read the daily newspaper and peruse electronic journals which would animate the conceptual and analytical aspects of the course with real sociological Perspective events from the students' immediate contexts. Use of audio-visual resources, mainly documentaries will be made an integral part of learning in this course.

**E) Assessment Methods:**

Assessment in this paper will be in the form of written assignments, book reviews, film reviews, class presentations, projects, and class test, Seminar .

**F) Keywords:**

Human Rights, Castes ,Tribe ,Political Rights, Violation ,Human Trafficking  
Moab Lynching, Honor Killing

S

**NOTE: 1) Visit to Old Age Home, Orphanage, etc**

**G ) REFERENCE :**

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जी.एल.शर्मा	सामाजिक मुद्दे, रावत पब्लिकेशन्स, २०१५
य.च.म.मु.वि.नाशिक	मानवी हक्क आणि भारतीय राज्यघटना
य.च.म.मु.वि.नाशिक	मानवी हक्क आणि अंमलबजावणी यंत्रणा

# Shivaji University, Kolhapur



Estd. 1962

Accredited by NAAC 'A++' Grade

**CHOICE BASED CREDIT SYSTEM** WITH MULTIPLE ENTRIES AND MULTIPLE  
EXIT OPTION IN THE POST GRADUATE DEGREE PROGRAMME

Revised Syllabus For

**Master of Arts (M. A. Economics)**

**Faculty of Humanities**

**M. A. Part - I (Sem. I and II)**

(Structure and Syllabus in accordance with National Education Policy 2020 to be  
implemented from academic year **2022 – 2023** onwards)

(Subject to the modifications to be made from time to time)

**Shivaji University, Kolhapur**  
**Economics**  
**M. A. I, SEM – I & II**  
**From June, 2022 Onwards**

**SEMESTER – I**

**Discipline Specific Core Course**

DSC - 1 : Micro Economic Analysis

DSC - 2 : Monetary Economics



**Compulsory: Discipline Specific Core Course**

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**Discipline Specific Elective**

DSE- 1 : Economics of Environment

DSE- 2 : Agricultural Economics

DSE- 3 : Economics of Insurance

DSE- 4 : Principles and Practice of Co-operation

DSE- 5 : Economics of Education

DSE- 6 : Human Resource Development

DSE- 7 : Economics of Gender and Development

DSE- 8: Indian Capital Market

DSE- 9 : Economics of Livestock

DSE- 10 : Economy of Maharashtra



**Choose any Two from DSE- 1 to DSE-10**

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**Internship / Apprenticeship -**

**Compulsory**

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**Skill Enhancement Compulsory Course -**

**Compulsory**

SEC – I: Choose from the Basket of SEC made available by Shivaji University, Kolhapur

## SEMESTER – II

### Discipline Specific Core Course

DSC - 3 : Public Economics

DSC - 4 : Ecological and Resource Economics

**Compulsory: Discipline Specific Core Course**

### Discipline Specific Elective

DSE- 11 : Agricultural Development in India

DSE- 12 : Industrial Economics

DSE- 13 : Rural Development

DSE- 14 : Managerial and Business Economics

DSE- 15 : Financial Markets and Institutions

DSE- 16 : Regional Economics

DSE- 17 : Contribution of Nobel Laureates to  
Economics

DSE- 18: Economic Thoughts of Dr. B.R.  
Ambedkar

DSE- 19 : Economics of Infrastructure

DSE- 20 : Mathematical Economics-I

**Choose any Two from DSE- 11 to DSE-20**

**Research Project -**

**Compulsory**

**Skill Enhancement Compulsory Course**

**Compulsory**

SEC – II: Choose from the Basket of SEC made available by Shivaji University, Kolhapur

**M. A. Programme Structure Semester I and II**  
(As per National Education Policy-2020)

Structure of Level 8 of M. A. Part I Economics											
Semester-I											
Teaching Scheme						Examination Scheme					
Sr. No.	Theory (TH)				Practical (PR)	Semester-end Examination (SEE)			Internal Assessment (IA)		
	Course Type	No of Lectures	Hours	Credits		Paper Hours	Max	Min	Internal	Max	Min
1	DSC-1	4	4	4		3	80	32		20	08
2	DSC-2	4	4	4		3	80	32		20	08
3	DSE-1	4	4	4		3	80	32		20	08
4	DSE-2	4	4	4		3	80	32		20	08
5	Internship/ Apprenticeship	-	-	4		-	100	40		-	-
6	SEC-I	2	2	2		2	50	20		-	-
Total		18	18	22			470	188		80	32
											SEE+IA=470+80=550

Semester-II											
Teaching Scheme						Examination Scheme					
Sr. No.	Theory (TH)				Practical (PR)	Semester-end Examination (SEE)			Internal Assessment (IA)		
	Course Type	No of Lectures	Hours	Credits		Paper Hours	Max	Min	Internal	Max	Min
1	DSC-3	4	4	4		3	80	32		20	08
2	DSC-4	4	4	4		3	80	32		20	08
3	DSE-3	4	4	4		3	80	32		20	08
4	DSE-4	4	4	4		3	80	32		20	08
5	Research Project	-	-	4	Dissertation Marks		80	32	Viva-Voce Marks	20	08
6	SEC-II	2	2	2		2	50	20		-	-
Total		18	18	22			450	180		100	40
											SEE+IA=450+100=550
Semester I and II		36	36	44	-	-	920	368	SEE+IA=920+180=1100		
Total Credits Required for Completing Level 8: 44 Credits											

<b>DSC: Discipline Core Course-</b> There will be two compulsory courses for each semester.
<b>DSE: Discipline Specific Elective-</b> Student can opt any two courses (Subjects) from the group of Elective courses.
<b>Internship:</b> Student have to complete Internship of 60 Hours in Semester I of 4 Credits
<b>SEC: Skill Enhancement Course-</b> Students have to complete one SEC each in both semesters selecting from the platform suggested in NEP Regulations of Shivaji University, Kolhapur or from the Basket of SEC made available by Shivaji University, Kolhapur
<b>Research Project:</b> Student have to complete one research project in Semester II of 4 Credits out of which 3 credits will be for Project and 1 Credit for Viva-voce.



## Structure of Level 9 of M. A. Part II Economics

### Semester-III

Teaching Scheme					Examination Scheme						
Sr. No.	Theory (TH)				Practical (PR)	Semester-end Examination (SEE)			Internal Assessment (IA)		
	Course Type	No of Lectures	Hours	Credits		Paper Hours	Max	Min	Internal	Max	Min
1	DSC-5	4	4	4		3	80	32		20	08
2	DSC-6	4	4	4		3	80	32		20	08
3	DSE-5	4	4	4		3	80	32		20	08
4	DSE-6	4	4	4		3	80	32		20	08
5	SEC-III	2	2	2		2	50	20		-	-
Total		18	18	18			370	148		80	32
										SEE+IA=370+80=450	

### Semester-IV

Teaching Scheme					Examination Scheme						
Sr. No.	Theory (TH)				Practical (PR)	Semester-end Examination (SEE)			Internal Assessment (IA)		
	Course Type	No of Lectures	Hours	Credits		Paper Hours	Max	Min	Internal	max	Min
1	DSC-7	4	4	4		3	80	32		20	08
2	DSC-8	4	4	4		3	80	32		20	08
3	DSE-7	4	4	4		3	80	32		20	08
4	DSE-8	4	4	4		3	80	32		20	08
5	SEC-IV	2	2	2		2	50	20		-	-
Total		18	18	18			370	148		100	40
										SEE+IA=370+80=450	
Sem III and IV		36	36	36	-	-	740	296		160	
										SEE+IA=740+160=900	
Grand Total SEM I, II, III and IV		72	72	80	-	-	1660	664		340	
										SEE+IA=1660+340=2000	

Total Credits Required for Completing Level 9: 36 Credits

DSC: Discipline Core Course- There will be two compulsory courses for each semester.

DSE: Discipline Specific Elective- Student can opt any two courses (Subjects) from the group of Elective courses.

SEC: Skill Enhancement Course, Students have to complete one SEC each in both semesters selecting from the platform suggested in NEP Regulations of Shivaji University, Kolhapur or from the Basket of SEC made available by Shivaji University, Kolhapur

<b>Teaching Scheme for Semester-I</b>					
Sr. No.	Theory (TH)				
	Course Type	Course title	No of Lectures	Hours	Credits
1	DSC-1	Micro Economic Analysis	4	4	4
2	DSC-2	Monetary Economics	4	4	4
3	DSE-1* DSE-2*	<b>Elective Courses</b> 1. Economics of Environment 2. Agricultural Economics 3. Economics of Insurance 4. Principles and Practice of Co-operation 5. Economics of Education 6. Human Resource Development 7. Economics of Gender and Development 8. Indian Capital Market 9. Economics of Livestock 10. Economy of Maharashtra	4	4	4
4			4	4	4
5	Internship/ Apprenticeship		-	-	4
6	SEC-I		2	2	2
Total			18	18	22

\* For DSE-1 and DSE-2 students have to opt any two from the list of 1 to 10 papers.

<b>Teaching Scheme for Semester-II</b>					
Sr. no.	Theory (TH)				
	Course Type	Course title	No of Lectures	Hours	Credits
1	DSC-3	Public Economics	4	4	4
2	DSC-4	Ecological and Resource Economics	4	4	4
3	DSE-3** DSE-4**	<b>Elective Courses</b> 1. Agricultural Development in India 2. Industrial Economics 3. Rural Development 4. Managerial and Business Economics 5. Financial Markets and Institutions 6. Regional Economics 7. Contribution of Nobel Laureates to Economics 8. Economic Thoughts of Dr. B.R. Ambedkar 9. Economics of Infrastructure 10. Mathematical Economics-I	4	4	4
4			4	4	4
5	Research Project		-	-	4
6	SEC-II		2	2	2
Total			18	18	22

\*\* For DSE-3 and DSE-4 students have to opt any two from the list of 1 to 10 papers.

**Table-1: P.G. M.A. Programme/Course Structure (80 Credits)**

SEMESTER	DSC	DSE/OEC/GE C/IDS	AECC/Languages	Skill Enhancement Courses (SEC) Multidisciplinary	Total
I	2x4= 8	2x4= 8	Internship/ Apprenticeship (4)	SEC-I (2)	22
II	2x4= 8	2x4= 8 1x4= 4 Research		SEC-II (2)	22
III	2x4= 8	2x4= 8		SEC-III (2)	18
IV	2x4= 8	2x4= 8		SEC-IV (2)	18

**Abbreviations:**

**DSC:** Discipline Core Course

**DSE:** Discipline Specific Elective (Elective Courses Offered under the main discipline/Subject of Study are referred to as Discipline Specific Elective Course).

**AECC:** Ability Enhancement Compulsory Courses

**SEC:** Skill Enhancement Compulsory Courses SEC courses are value based and/or skill based and are aimed at providing hands on training, competencies, skills, etc. these courses may be chosen from a pool of courses design to provide value- based and/or skill-based knowledge.

# **M. A. Part - I Sem-I**

## **MICRO ECONOMIC ANALYSIS**

### **EC-1 (Core/ Compulsory Paper)**

#### **Preamble:**

This paper analyses the economic behaviour of individuals, firms and markets. It is mainly concerned with the objective of equipping the students in a rigorous and comprehensive manner with the various aspects of consumer behaviour and demand analysis, production theory and behaviour of costs, the theory of traditional markets and equilibrium of firm in modern non-profit maximizing framework in theory and applications as well. The paper also deals with the micro and macro theories of distribution, welfare economics, and general equilibrium in closed and open systems and analysis of economic behaviour under uncertainty.

#### **Outcomes:**

1. Understanding the methods of elasticity of demand & Demand Forecasting.
2. Explaining production and cost theory.
3. Ability to classify actual Market structure
4. Illustrate the value and use of managerial theories of firm.

#### **UNIT I: Basic Concepts and Demand Analysis (15 Periods)**

- 1.1: Deductive and Inductive Methods of Analysis; Positive and Normative Economics; Characteristics of Equilibrium and Disequilibrium Systems.
- 1.2: Indifference curve: income, price and substitution effects, Hicks and Slutsky Approach,
- 1.3: Compensated demand curve and their applications; Revealed preference theory;
- 1.4: Revision of demand theory by Hicks.

#### **UNIT II: Theory of Production and Costs (15 Periods)**

- 2.1: Least cost combination of inputs; Multi-product firm; Elasticity of substitution; Euler's theorem;
- 2.2: Cobb-Douglas, CES, VES
- 2.3: Translog production functions and their properties;
- 2.4: Traditional and modern approaches to cost curves.

#### **UNIT III: Market Structure: Price and Output Determination (15 Periods)**

- 3.1: Monopolistic competition – general and Chamberlin approaches to equilibrium, equilibrium of the firm and the group
- 3.2: Oligopoly – Non-collusive: Cournot, Bertrand, Edgeworth, Chamberlin, Kinked demand curve and Stackelberg's solution - Collusive: Cartels and mergers, price leadership and basing point price system models.
- 3.3: Price and output determination under monopsony
- 3.4: Price and output determination under bilateral monopoly.

#### **UNIT IV: Alternative Theories of Firm and Distribution (15 Periods)**

- 4.1: Critical evaluation of marginal analysis; Baumol's sales revenue maximization model; Williamson's model of managerial discretion;

- 4.2: Marris model of managerial enterprise; Full cost pricing rule; Bain's limit pricing theory  
 4.3: Neo-classical approach – Marginal productivity theory; Product exhaustion theorem;  
 4.4: Elasticity of technical substitution, technical progress and factor shares.

### READING LIST

1. Kreps, David M. (1990), *A Course in Microeconomic Theory*, Princeton University Press, Princeton.
2. Koutsoyiannis, A. (1979), *Modern Microeconomics* (2nd Edition), Macmillan Press, London.
3. P. R. G. and A. W. Alters (1978), *Microeconomic Theory*, McGraw Hill, New York.
4. Sen, A. (1999), *Microeconomics: Theory and Applications*, Oxford University Press, New Delhi.
5. Stigler, G. (1996), *Theory of Price*, (4th Edition), Prentice Hall of India, New Delhi.
6. Varian, H. (2000), *Microeconomic Analysis*, W. W. Norton, New York.
7. Baumol, W. J. (1982), *Economic Theory and Operations analysis*, Prentice Hall of India, New Delhi.
8. Hirshleifer, J. and A. Glazer (1997), *rice Theory and Applications*, Prentice Hall of India, New Delhi.
9. Green, H. A. G. (1971), *Consumer Theory*, Penguin, Harmondsworth.
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11. Da Costa, G. C. (1980), *Production, Prices and Distribution*, Tata McGraw Hill, New Delhi.
12. Healthfields and Wibe (1987), *An Introduction to Cost and Production Functions*, Macmillan, London.
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19. Green, H. and V. Walsh (1975), *Classical and Neo-classical Theories of General Equilibrium*, Oxford University Press, London.
20. Hansen, B. (1970), *A Survey of General Equilibrium Systems*, McGraw Hill, New York.
21. Quirk, J. and R. Saposnik (1968), *Introduction to General Equilibrium Theory and Welfare Economics*, McGraw Hill, New York.
22. Weintrub, E. R. (1974), *General Equilibrium Theory*, Macmillan, London.
23. Arrow, K. J. and M. D. Intrilligator (Eds.) (1981), *Handbook of Mathematical Economics*, Vol. I, North Holland, Amsterdam.
24. Borch, K. H. (1968), *The Economics of Uncertainty*, Princeton University Press, Princeton
25. Diamond and Rothschild (Eds.) (1978), *Uncertainty in Economics*, Academic Press, New York.

**MONETARY ECONOMICS**  
**EC – 2 (Core/ Compulsory Paper)**

**PREAMBLE:**

This paper analyses the significant role of 'Money' in the economy. It provides essential and thorough knowledge to the economics students relating to the theoretical aspects of money. It covers various approaches towards evolution of money, demand for money, supply of money, and rate of interest, inflation, agencies which creates and supplies money and operates monetary policy. The paper also deals with Keynesian and post-Keynesian economics, which is a most essential part of the monetary economics. Since reforms introduced in financial sector, many new concepts have emerged in this sector. For the students of economics it is essential to understand and analyze these new concepts as well as monetary forces and real forces, their developmental role and limitations in shaping and influencing the monetary and related policies both at the national and international level.

**Outcomes:**

1. Understanding the significant role of Money in the economy.
2. Examining the theoretical aspects of money.
3. Awareness regarding Role of Monetary and Fiscal Policy
4. Demonstrating Money Multiplier
5. Distinguishing Fiscal and Monetary Policy

**UNIT I: Evolution and flow of Money: (15 Periods)**

- 1.1: Evolution of Money-Money and Near Money - Stock & Flow concept of money
- 1.2: Functions of Money– Significance of Money in Economy
- 1.3: Circular Flow of Money; Importance of Circular Flow of Money,
- 1.4: Velocity of Circulation of Money, Concept of Value of Money.

**UNIT II: Money Supply and Money Multiplier: (15 Periods)**

- 2.1: Money Supply- Determinants of Money Supply – Money supply function- Approaches to Money Supply – Money Supply & Liquidity
- 2.2: H theory of Money Supply – Factors affecting H – Adjusted H--- Is H autonomous policy variable? 2.3: Money Multiplier Process: Determinants –
- 2.4: Derivation of Money Multiplier, Deposit Multiplier

**UNIT III: Demand for Money and Interest Rate: (15 Periods)**

- 3.1: Classical & Neo-classical views on Holding Money – Keynesian theory of Demand for Money– Post Keynesian (Baumol-Tobin approach) - Friedman’s Quantity Theory of Money.
- 3.2: Money & Prices: Fisher’s Cash Transaction Approach – Cambridge Cash Balances Approach- Phillips Curve Hypothesis – Rational Expectations theory.
- 3.3: Theories of Interest Rates: Classical Theory – Loanable Fund Theory –
- 3.4: Liquidity Preference Theory- Hicks-Hansen Theory

**UNIT IV: Monetary and Fiscal Policies: Income and Interest Rate Determination: (15 Periods)**

4.1: Factors Determining the Term Structure of Interest Rates- Theories of Term Structure of Interest Rates (Expectation Theory, Segmented Market Theory, Risk Premium Theory and Preferred Habitat Theory).

4.2: Real balance Effect – Patinkin’s General Equilibrium Model,

4.3: Transmission Mechanism in Monetary Theory, Relative Effectiveness of Monetary and Fiscal Policy 4.4: Monetary Theories of Business Cycles (Hawtrey, Hayek), Easy & Dear Monetary Policy

#### **READING LIST :**

1. Bain, Keith & Howells, Peter (2009), Monetary Economics: Policy and Its Theoretical Basis, Palgrave.
2. Friedman, Ben & Hahn F.H. (Eds.), (1990), Handbook of Monetary Economics, Vols. 1, 2, & 3, North Holland Publishers.
3. Gupta, S.B. (1983), Monetary Economics, S. Chand & Company, New Delhi.
4. Mankiw N. Gregory (2012), Macroeconomics, Worth Publisher, New York
5. Mishkin Frederic (2007), The Economics of Money Banking and Financial Markets, 8th ed Addison Wesley Longman Publishers.
6. Niehans, J. (1984), International Monetary Economics, John Hopkins University Press, New York.
7. Sheth. M. L (2016), Monetary Economics, Lakshi Narain Agarwal, Agra.
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20. Claassen Emil-Maria, (1996) Global Monetary Economics, Oxford University Press
21. Harris, L., Monetary Theory
22. J. D. Von Pischke, Finance at the Frontier: Debt, Capacity and Role of Credit in Private Economy
23. RBI Reports
24. World Bank Reports
25. IMF Reports
26. Friedman M, Essays on Money
27. Bhole, L. M., Financial Institutions and Markets: Structure, Growth and Innovation

## M A Part I Semester I

### **ECONOMICS OF ENVIRONMENT**

#### **EO 1 - (Elective/ Optional Paper)**

**Introduced From June 2022**

#### **PREAMBLE:**

Environment is a part and parcel of living things in general and human beings in particular. Hence increase in wellbeing, environmental balance its preservation and protection is of crucial importance. Environmental degradation very badly affects all living things coupled with human beings in particular. Environment can have economic dimension which is the neglected issue in the studies in main stream economics and its branches as well. This poses the need for studying Economics of Environment as an Elective course at post graduate level in both the theoretical as well as applied perspectives. The prime objective of this course is well equip the students with economic dimension of environment and development.

#### **COURSE OUTCOMES:**

- 1) Students familiar with the Economics of Environment as a branch of mainstream Economics.
- 2) Analyse the environmental problems of development and suggest remedies thereon.
- 3) Fully equip with the environmental theory of development and its applications.
- 4) Critically assess the environmental policy of India and its implementation.

#### **UNIT I: ECONOMICS OF ENVIRONMENT: (15 Periods)**

- 1.1:** Economics of Environment: Meaning, Nature, Scope and Importance
- 1.2:** Common Property Resources
- 1.3:** Hardin's Hypothesis of The Tragedy of Commons
- 1.4:** Eco-systems - Loss of Bio-diversity

#### **UNIT II: ENVIRONMENTAL PROBLEMS OF DEVELOPMENT (15 Periods)**

- 2.1:** Environmental Pollution: Water, Air, Noise and Land Pollution: Causes and Remedies
- 2.2:** Global Environmental Problems: Depletion of Ozone Layer – Global Warming and Climate Change
- 2.3:** Trade and Environment - Polluter Pays Principle
- 2.4:** Technological Changes in Agriculture and Environment - Natural Farming – Large sized dams and Environment - Forest Depletion and



Social Forestry.

(15 Periods)

**UNIT III: ENVIRONMENTAL THEORY OF DEVELOPMENT**

- 3.1:** Development and Environment Nexus – Environmental Kuznets Curve (EKC) Hypothesis
- 3.2:** Sustainable Development – Green Economy - Carbon Footprint and Carbon Trading
- 3.3:** Environment Friendly Size of Firm - Limits to Growth Theory.
- 3.4:** System of Environmental and Economic Accounting (SEEA) - Environmentally Corrected / Adjusted NDP / EDP

**UNIT IV: ENVIRONMENTAL POLICY:**

(15 Periods)

- 4.1:** Role of Public, Private, and Co-operative Sector in Environmental Protection
- 4.2:** Environment Management Techniques: Cost Benefit Analysis
- 4.3:** Environmental Impact Assessment- Environmental Audit
- 4.4:** India's Environmental Policy: Environmental Protection Laws  
Pollution Control Boards : CPCB and SPCBs

1. **Project Report / Journal / Field Survey / On Site Study/ Study Tour Report / Oral Examination / Test** : (20 Marks)
2. Teaching: 04 Hours per Week
3. Practical: 04 Hours per Week for a batch of 10 students
4. Open Access to Environmental Economics as an Elective / Optional Paper
5. Study Tour for Environmental knowledge and awareness of students

**READING LIST:**

1. Baumol, W. J. & W. E. (1997), The Theory of Environmental Policy, Prentice Hall, Englewood-Cliffs.
2. Bhardwaj, R. (1983), Managing Limits to Growth, Asian and Pacific Development Centre, Kuala Lumpur.
3. Dorfman, R. & N. Dorfman (Eds.) (1977), Economics of the Environment, W. W. Norton, New York.
4. Nijkamp, P. (Ed.) (1976), Environmental Economics, Vol. I & II, Martinus Nijhoff, Leiden.
5. Charles Peering (1987), Economy and Environment Cambridge University Press, New York.
6. Ali, S. A. (1979), Resources for Future Economic Growth, Vikas Publishing House, New Delhi.
7. Rathore, M. S. (Ed.) (1996), Environmental and Development, Rawat Publications, Jaipur.

8. Garge, M. R. (Ed.) (1996), Environmental Pollution and Protection, Deep and Deep Publications, New Delhi.
9. Lodha, S. L. (Ed.) (1991), Economics of Environment, RBSA Publishers, Jaipur.
10. Rajlakshmi N. and Dhulasi B. (1994), Environomics, Allied Publishers Ltd., New Delhi.
11. Singh, G. N. (Ed.) (1991), Environmental Economics, Mittal Publications, New Delhi.
12. Mehta, C. S. (1994), Environment and Law, RBSA Publishers, New Delhi.
13. Karpagam, M. (1993), Environmental Economics, Sterling Publishers, New Delhi.
14. World Bank Report on Human Development.
15. The Hindu Survey of Environment: Annual Reports.
16. Bhattacharya R N (2006), Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi.
17. Ulaganathan, Sankar (2006), Environmental Economics, Oxford University Press, New Delhi.
18. Hanley, Shogren and White (2004), Environmental Economics in Theory and Practice, McMillan India Limited, Delhi.
19. Hanley And Spash (1998), Cost Benefit Analysis and the Environment, Edward Elgar Publishing Limited, Glos, UK.
20. Singh & Shishodia (2010), Environmental Economics: Theory and Applications, Sage Publications, New Delhi
21. Government of India, Ministry of Environment and Forests, Annual Reports
22. Journal Down to Earth, New Delhi.
23. सिंग आणि शिशोदिया (२०१७), सेज पब्लिकेशन इंडिया, नवी दिल्ली



SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA

PHONE : EPABX-2609000 website- [www.unishivaji.ac.in](http://www.unishivaji.ac.in)

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

शिवाजी विद्यापीठ, कोल्हापूर – 416004.

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

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

Ref./SU/BOS/Comm/4751

Date:01/06/2018

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

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

Sir/Madam,

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

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

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

Thanking you,

Yours faithfully,

Dy. Registrar

Encl: As above

Copy to;

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

# **SHIVAJI UNIVERSITY, KOLHAPUR.**



**Estd 1962**  
**NAAC 'A' Grade**  
**Syllabus For**  
**Bachelor of Commerce**

**B.Com. Part-I**

**CBCS Pattern**

**Financial Accounting**

**Sem-I & Sem-II**

**Introduced from June 2018 and Onwards**  
**(Subject to the modifications will be made from time to time)**

**B. Com. (CBCS Pattern)**  
**Part- I (Semester I)**  
**Financial Accounting Paper I**  
**Core Course**

**Introduce from June-2018-19**

**Credits : 4**

**Course Inputs :**

Unit I : Basic Accounting Concepts and Conventions, Accounting Process.  
Accounting Standards-Need & Procedure, Concept of IFRS **(15 Hours )**

Unit II : Amalgamation of Partnership Firms **(15 Hours )**

Unit III : Consignment Accounts-Important Terms and Accounting in the books of  
Consignor and Consignee. **(15 Hours )**

Unit IV : Accounts of Professionals –preparation of Receipts and Expenditure  
Account and Balance sheet of Medical Practitioners and Professional Accountants.  
**(15 Hours )**

**B. Com.(CBCS Pattern)**  
**Part- I (Semester- II )**  
**Financial Accounting Paper- II**  
**Core Course**

**Introduce from June-2018-19**

**Credits : 4**

Unit I : Single Entry System - Conversion Method only

**(15 Hours )**

Unit II : Conversion of Partnership Firm into a Limited Company-Accounting in the books of partnership Firm only.

**(15 Hours )**

Unit III : Branch Accounts - Dependent Branch- preparation of Branch Account, Branch Trading and Profit and Loss Account and Stock and Debtors Method

**(15 Hours )**

Unit IV : Computerized Accounting System :

Introduction to Computerized Accounting. Accounting softwares 'Tally'- preparation of Vouchers, Feeding of Data and Generating of various Reports

**(15 Hours )**

Suggested Readings :

1. Gupta R.L. and Radhaswamy M – 'Financial Accounting' Sultanchand and Sons, New Delhi.
2. Shukla M.C. Grewal T.S. and Gupta S.C. – 'Advanced Accounts' S.Chand and company, New Delhi.
3. Agarwala A.N. Agarwala K.N.- 'Higher Science of Accountancy' Kitab Mahal Allahabad.
4. Jain and Narang – 'Advanced Accountancy' Kalyani Publications, New Delhi.
5. S.N. Mheswari – 'Advanced Accountancy'
6. Compendium of statement and standard of Accounting. The institute of Chartered Accounts of India.
7. Rajan Chougule, Dhaval chougule –“ Theory and practice of Computer Accounting” Modern Publication, Kolhapur.

Note-

1- Practical Questions on unit no-2 to 4 from Sem. I and 1 to 3 from sem. II

2- Nature of Question paper will remain same as before

Note- College should make a provision of necessary computers for commerce department to train the students in computer Accounting as prescribed in the syllabus.

Equivalence

1	Financial Accounting Paper I Sem-I	1- Financial Accounting Paper I Sem-I
2	Financial Accounting Paper II Sem-II	2- Financial Accounting Paper II Sem-II

# SHIVAJI UNIVERSITY, KOLHAPUR



ESTD. 1962  
NAAC A++ Grade

**Faculty of Commerce and Management**

**Master of Commerce (M. Com.)**

**Under Choice Based Credit System (CBCS)**

(Structure and Syllabus in accordance with National Education Policy to be implemented from Academic Year 2022-23)



**Shivaji University, Kolhapur**

**Master of Commerce (M. Com.)**

**Under the Faculty of Commerce and Management**

**Choice Based Credit System (CBCS)**

(Regulations in accordance with National Education Policy to be implemented from Academic Year 2022-23)

**1. Implementation of Revised guidelines and rules:** The revised guidelines and rules shall be implemented gradually as mentioned below:

<b>Postgraduate Programme:</b>			
<b>Level 8</b>	Postgraduate Diploma (One year or two semesters)	M. Com. Part-I	2022-23
<b>Level 9</b>	Master's Degree (Two years or four semesters)	M. Com. Part-II	2023-24
<b>Level 9</b>	Master's Degree (One year or two semesters after obtaining a four-year Bachelor's Degree (Honours/Research))	M. Com. Part-II	2026-27

(If the candidate wants to exit after a certain level, the Awards after completing specific level will be: Postgraduate Diploma in Commerce and M. Com. for Level-8 and Level-9 respectively. Other provisions for multiple entry and exit as per the university's rules and regulations are applicable).

**2. Eligibility:** The candidate completed Three Years B. Com. Degree (or Level-7 of NEP framework) will be eligible for M. Com. Part-I (Level 8). The candidate completed Four Year B. Com. (Hon./Research) (Level-8) will be eligible for M. Com. Part-II (Level 9) directly. R. M. Com 2 is applicable.

**3. Pattern of M. Com. Programme:** Combination of internal assessment and semester-end examination for M. Com. will be 80:20 pattern shall be applicable for each theory paper in each semester wherein 80 marks shall be for University Semester-end examination and 20 marks for internal assessment except Research Project and Internship. In that case Research Project will have 60 marks and Viva-voce will have 40 marks and for Internship total 150 marks will be their which will be assessed by internal guide and external mentor from industry or community engagement.

**4. Weightage:** There shall be Two Year M. Com. Programme with 74 Credits. The candidate wish to attempt for Four Year B. Com. (Hon./Research) may opt for 4<sup>th</sup> year which will have 38 credits, hence, Four Year B. Com. Programme will require 198 credits. (Please refer the university regulations and structure of the programme for details).

**1. Structure:** The Structure of M. Com. Programme is given below:

Semester	Discipline Specific Course (DSC)	Discipline Specific Electives (DSE)	Field Work/ Internship/ Apprenticeship	Skill Enhancement Course (Multidisciplinary)	Credits required
<b>Level-8</b>					
I	DSC1 (4)	DSE1(4)		SEC-1 (2)	18
	DSC2 (4)	DSE2 (4)			
<b>Level-8</b>					
II	DSC3 (4)	DSE3 (4) (Research Methodology)	Internship/ Apprenticeship (6)	SEC-2 (2) Logic	20
		DSE4 (4) (Research Project)			
					<b>38</b>
<b>Level-9</b>					
III	DSC4 (4)	DSE5 (4)		SEC-3 (2)	18
	DSC5 (4)	DSE6 (4)			
<b>Level-9</b>					
IV	DSC6 (4)	DSE7 (4)		SEC-4 (2) Research Ethics	18
	DSC7 (4)	DSE8 (4)			
					<b>36</b>
					<b>74</b>

**1. List of Courses:**

List of Courses for M. Com. Part-I (Semester-I & II) is given in the annexure.

**2. Scheme of Examination:**

The Question paper in each Semester for each theory course (paper) for M. Com. (all Semesters) shall be of 80 marks. Total marks for each course shall be based on continuous assessments and semester-end examination. Combination of internal assessment and semester-end examination for M. Com. will be as follows:

Total marks for each course	= 100
Internal Assessment	= 20
Semester-end Examination	= 80

Internal Assessment Process shall be as follows:

- (a) The Internal Assessment (for 20 % Marks) shall be based on test, assignment, seminar, case study, field work, project work etc. This assessment process should be conducted after completing 50% of syllabus of the course/s.
- (b) In case a student has failed to attend internal assessment on scheduled date, it shall be deemed that the student has dropped the test. However, in case of student who could not take the test on scheduled date due to genuine reasons, such a candidate may appeal to the Programme Coordinator/Principal/Head of the Department. The Programme coordinator/Principal/Head of the Department in consultation with the concerned teacher shall decide about the genuineness of the case and decide to conduct special test to such candidate on the date fixed by the concerned teacher but before commencement of the concerned semester-end examination.

<b>Sr. No.</b>	<b>Regulations</b>
<b>R. M. Com. 1</b>	<p>The M. Com. Course consists of Four Semesters Part-I &amp;II (Semester I to IV) of 16 papers of 100 marks and the duration of Theory examination will be 3 hours.</p> <p>M. Com. Part-I Semester-I (4 Papers) &amp; Semester-II (4 Papers)</p> <p>M. Com. Part-II Semester-III (4 Papers) &amp; Semester-IV (4 Papers)</p> <p>The pattern of M. Com. Programme includes papers as shown below: 8 Core Courses(CC) &amp; 8 Discipline Specific Electives (DSE) Courses</p>
<b>R. M. Com. 2</b>	<p>Any person who has taken the degree of the B. Com. (Bachelor of Commerce) or B. B. A. (Bachelor Business Administration) or B. M. S. (Bachelor of Management Studies) of this University or of any other University recognized by this University as equivalent thereto shall be admitted to the examination, for the Degree of M. Com. (Master of Commerce) in accordance with the relevant Regulations.</p> <ol style="list-style-type: none"> <li>1. The students qualified B. Com. will be eligible to option for any Discipline Specific Elective (DSE) in M. Com. Programme.</li> <li>2. The students qualified B. B. A. or B. M. S. will be eligible to take admission for M. Com. with DSE-Business Administration.</li> <li>3. The students qualified B. Voc. (Retail Marketing and Management) will be eligible to take admission for M. Com. with DSE- Retail Management.</li> <li>4. The students qualified B. Voc. (Accountancy) will be eligible to take admission for M. Com. with DSE- Advanced Accountancy.</li> </ol>
<b>R. M. Com. 3</b>	<p>Subject to the conditions in R. M. Com. 2 a candidate who has passed the examination for the Degree of M. Com. with any one subject from DSEs, will be permitted on submission of a new application and payment of a fresh fee, to appear at subsequent examination in any other DSEs without keeping any additional terms. A candidate who passes in additional DSEs in this manner shall be awarded a certificate to that effect.</p> <p>(Note: The students who have passed the M. Com. Examination under the old programme and desire to appear for the Revised M. Com. Programme under the provisions of R. M. Com.-2 are hereby allowed to appear for the DSEs of the Revised M. Com. Programme)</p>

<p><b>R. M. Com. 4</b></p>	<p>The students shall not be permitted to appear for the M. Com. Examination with Sixteen papers at one sitting examination. Students shall appear for Part-I &amp; II separately with four papers for each Semester of respective parts as per prescribed syllabus of the various subjects.</p> <p>Students shall appear for the respective semesters at the end of the respective terms provided they have kept the necessary terms for the concerned respective part(s).</p> <ol style="list-style-type: none"> <li>1. A student who has passed in Part-I or Part-II of respective Semesters shall not appear the examination in the same semester again.</li> <li>2. Passing the M. Com. Examination in parts will not disqualify a student for the award of class.</li> <li>3. Students passing the Examination by parts will be qualified for the award of prizes, scholarships etc. subject to the provisions of Ordinance 72.</li> </ol>
<p><b>R. M. Com. 5</b></p>	<ol style="list-style-type: none"> <li>1. The candidates registered for the M. Com. (on Distance Mode) Degree Examination shall be exempted from regular attendance and keeping of terms.</li> <li>2. The course of studies, the books prescribed or recommended, the standard of passing etc. at the examination for the M. Com. (on Distance Mode) Degree shall be the same as those for the regular students of the M. Com. Degree Examination of the University.</li> </ol> <p>N. B.: The students on distance mode will also be permitted to appear at the M. Com. Examination in parts provided, that they will not be allowed to complete the whole examination within a period of less than two years from the date of their passing the B. Com. or B. Com. (Distance Mode) Examination in the manner as laid down under O. M. Com.-2. They will have to register a fresh for each part.)</p>
<p><b>R. M. Com. 6</b></p>	<p>No candidate shall be admitted to the Examination for the Degree of Master of Commerce (External), unless candidate:</p> <ol style="list-style-type: none"> <li>a) has passed the B. Com. Or the B. Com. (on distance mode) Examination of this University or of any other Statutory University recognized as equivalent thereto.</li> <li>b) has registered as the student on distance mode for the Examination before the prescribed dates.</li> <li>c) has allowed an interval of at least two academic years between his passing the B. Com. Examination in two parts externally or one part as a regular student and the other part as an external student in the following manner. <ol style="list-style-type: none"> <li>i) candidate may appear at the M. Com. Part-I Examination as the student on distance mode after an interval of at least one academic year after passing the B. Com. Examination and candidate may appear at the M. Com. Part-II Examination either as the student on distance mode or regular candidate after an interval of at least two academic years after passing the B. Com. Examination.</li> <li>ii) candidate may appear at the M. Com. Part-I Examination as a regular candidate and after passing the Part-I Examination candidate may appear at the M. Com. Part-II examination as the student on distance mode after an interval of at least two academic years from passing the B. Com. Examination</li> </ol> </li> </ol> <p>Further a candidate who appeared as a regular student and fails in a paper/s at M. Com. Part-I examination can register this name as the student on distance mode for M. Com. Part-II examination and he may give the failing paper/s of M. Com. Part-I along with M. Com. Part-II examination instead of appearing for the remaining paper/s as an ex-student.</p> <p>Note: Candidates interchanging their status from the student on distance mode to regular students and vice-versa while completing their course of studies prescribed for M. Com. Part-I and II will be treated as the candidates on distance mode.</p> <p>The students on distance mode shall have to select only those subjects for which</p>

	tuition is provided for the regular Students of this University and for which practical work is not required. It is the primary responsibility of the student concerned to select the subjects and papers for which teaching provision is there as provided for regular students. The students should ascertain from the University Office the papers for which tuition is provided in the University.																																																
<b>R. M. Com. 7</b>	<p><b>Standard of Passing</b></p> <p><b>A) i) Credit system implementation: as per the University norms Credit Grade Points: (10 point scale)</b></p> <table border="1"> <thead> <tr> <th>Marks</th> <th>Grade</th> <th>Grade Point</th> </tr> </thead> <tbody> <tr> <td>80-100</td> <td>O Outstanding</td> <td>10</td> </tr> <tr> <td>70-79</td> <td>A+: Excellent</td> <td>9</td> </tr> <tr> <td>60-69</td> <td>A: Very Good</td> <td>8</td> </tr> <tr> <td>55-59</td> <td>B+: Good</td> <td>7</td> </tr> <tr> <td>50-54</td> <td>B: Above Average</td> <td>6</td> </tr> <tr> <td>45-49</td> <td>C: Average</td> <td>5</td> </tr> <tr> <td>40-44</td> <td>P: Pass</td> <td>4</td> </tr> <tr> <td>0-39</td> <td>F: Fail</td> <td>0</td> </tr> <tr> <td>-----</td> <td>Ab: Absent</td> <td>0</td> </tr> </tbody> </table> <p><b>ii) Final Grade:</b></p> <table border="1"> <thead> <tr> <th>Grade Point Average</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>09.00 – 10.00</td> <td>O</td> </tr> <tr> <td>08.50 – 08.99</td> <td>A+</td> </tr> <tr> <td>07.50 – 08.49</td> <td>A</td> </tr> <tr> <td>06.50 – 07.49</td> <td>B+</td> </tr> <tr> <td>05.50 – 06.49</td> <td>B</td> </tr> <tr> <td>04.25 – 05.49</td> <td>C</td> </tr> <tr> <td>04.00 – 04.24</td> <td>P</td> </tr> <tr> <td>00.00 – 03.99</td> <td>F</td> </tr> </tbody> </table> <p>Remark: B+ is equivalent to 55% marks and B is equivalent to 50% marks.</p> <p><b>B) A candidate who has passed in any of the paper/head of passing shall not be allowed to appear again for that paper/head.</b></p> <p>N. B.: A student will be allowed to keep term for M.Com. Part-II if he/she passes in all paper of Part I or fails in Part I in any of or all the heads of passing (Semester-I &amp; Semester-II) taken together.</p>	Marks	Grade	Grade Point	80-100	O Outstanding	10	70-79	A+: Excellent	9	60-69	A: Very Good	8	55-59	B+: Good	7	50-54	B: Above Average	6	45-49	C: Average	5	40-44	P: Pass	4	0-39	F: Fail	0	-----	Ab: Absent	0	Grade Point Average	Grade	09.00 – 10.00	O	08.50 – 08.99	A+	07.50 – 08.49	A	06.50 – 07.49	B+	05.50 – 06.49	B	04.25 – 05.49	C	04.00 – 04.24	P	00.00 – 03.99	F
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<b>R. M. Com. 8</b>	<p>If candidate has completed M. Com with one specialization (DSE) and those who want to complete it with another specialization (DSE), he/she will be allowed to do so on distance mode. In such cases, it is not necessary to complete again DSCs and SECs already attempted and passed. For this purpose they have to take admission at Centre for Distance and Online Education. The Candidates who have completed their M. Com as per Old Programme and they have passed in compulsory papers and optional papers, in that case, they have to attempt only DSEs Courses in another specialization.</p>																																																

# SHIVAJI UNIVERSITY, KOLHAPUR.



Estd. 1962

NAAC "A++" Grade

Faculty of Commerce and Management

Syllabus For

**B. Com. Part I (CBCS)**

**Information Technology (IT) (Sem I & II)**

(To be implemented from June 2022 onwards)

(Subject to the modifications that will be made from time to time)

# SHIVAJI UNIVERSITY, KOLHAPUR

## National Education Policy

### BACHELOR OF COMMERCE (IT)

#### Course Structure under Choice Based Credit System (CBCS)

**Title :** The degree shall be titled as '**BACHELOR OF COMMERCE (INFORMATION TECHNOLOGY)**' under the faculty of commerce with effect from the academic year

**B. Com. INFORMATION TECHNOLOGY Sem. I & II from Academic Year 2022-23**

**B. Com. INFORMATION TECHNOLOGY Sem. III & IV from Academic Year 2023-24**

**B. Com. INFORMATION TECHNOLOGY Sem. V & VI from Academic Year 2024-25**

**B. Com. INFORMATION TECHNOLOGY Sem. VII & VIII from Academic Year 2025-26**

#### 1) Introduction:

Bachelor of Commerce-IT (4years) program / degree is a specialized program in Commerce. It builds the student on studies in applied use of computers and to become competent in the current race and development of new computational era.

The duration of the study is of eight semesters, which is completed in four years. However multiple entry and exit options will be provided after completion of each year to the students. The program is based on Choice-based credit system comprising 198 credit points and intake for one batch is not more than 80 students.

#### 2) Objective:

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

##### A) Program Educational Outcomes:

After completing the B Com (IT) program the students would be able to:

PEO1: Acquire the managerial professional attributes and be capable of decision making by applying the information Technology.

PEO2: Prepare student to design IT applications in business management. Explore the entrepreneurial quality and start new business venture with innovative ideas

PEO3: Prepare students to undertake post-graduation in the area of Information Technology Commerce and management.

**B) Program Outcomes:**

After completing the B.Com Information Technology program the students would be able to:

PO1: Acquire the managerial professional attributes and be capable to understand Financial Accounting, Corporate Accounting and Cost Accounting.

PO2: To impart the basic knowledge of Information Technology and application software.

PO3: Design, implement and evaluate a computer-based system, or process component, to meet the desired needs of business applications.

PO4: Apply the knowledge of Commerce and Information Technology principles to manage business processes effectively in diverse environments as a member or a leader in the team.

PO5: Develop effective and oral communication and technical writing especially in business applications, with the use of information technology

**C) COPO Mapping:**

<b>Program Educational Objectives</b>	<b>Thrust Area</b>	<b>Program Outcome</b>	<b>Course Outcome</b>
<b>PEO I</b>	Commerce and Managerial expertise	<b>PO1,PO4</b>	All Core courses in the area of Commerce and management
<b>PEO II</b>	Technical Expertise	<b>PO2,PO3,PO4</b>	All IT core courses.
<b>PEO III</b>	Successful career and Interdisciplinary and Life Long Learning	<b>PO5</b>	All AEC ,GE and DSE Courses.

- 3) **Eligibility:** A candidate for being eligible for admission to the Degree Course in Commerce (Information Technology) Administration shall have passed XII Std. Examination with minimum qualifying marks for the candidates from all the categories will be 45% of the Maharashtra Board of Higher Secondary Education or its equivalent or any Diploma or MCVV of not less than two years.



4) **Workload (Period/Lectures for each Course):** For every semester 60 periods (48 minutes per period) are allotted to complete the syllabus of each Course (Subject).

5) **Standard of Passing:**

I] A candidate must obtain minimum 40% of the marks in each University, internal examination paper, lab course as well as major project during internship.

II] There shall be a separate head of passing in Theory, Internal, Lab Course and Project examination. However, ATKT rules shall be made applicable in respect of theory and lab courses (University Examination) only.

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

IV] However the candidate shall not be admitted to B.Com(IT)- III (Semester V and VI) Unless student passed in all the subjects at B.Com(IT)-I (Semester-I & Semester-II).

V] A candidate who fails in any number of subjects during Semester-V & VI shall be admitted for B.Com(IT).-IV & allowed to appear for Semester-V & VI examinations.

VI] However the candidate shall not be admitted to B.Com(IT)- IV (Semester VII and VIII) Unless student passed in all the subjects at B.Com(IT)-II (Semester-III & Semester-IV).

VII] A candidate who fails in any number of subjects during Semester-VII & VIII shall be admitted for B.Com (IT)-IV & allowed to appear for Semester-VII & VIII examinations.

VIII] However under the National Education Policy the rules extended by University, time to time, regarding ATKT will be applicable.

IX] As per notification of university the course Democracy, Elections and Good Governance at Sem-I and Environment Studies at Sem-IV are Non Credit course.

**Gradation Chart:**

<b>Marks obtained</b>	<b>Numerical Grade (Grade Point)</b>	<b>CGPA</b>	<b>Letter Grade</b>
Absent	0(Zero)		
<40	0 to 4	0.0 to 3.99	Fail
40-50	5	4.00 to 4.99	C
51-60	6	5.00 to 5.99	B



Que 8) Write notes on (Any Four out of Six)

20

**7) Nature of Practical Question Paper: (AS PER 100 Marks)**

There will be four questions of 20 Marks each, out of which student have to attempt any three Questions and 20 marks for journal and 20 marks for oral for 4 credit lab course and time duration is three hours. Practical Examination conducted by the University appointed examiner panel. The panel members have more than seven years' experience as full time teacher.

There will be three questions of 15 Marks each, out of which student have to attempt any two Questions and 10 marks for journal and 10 marks for oral for 2 credit lab course and time duration is three hours. Practical Examination conducted by the University appointed examiner panel. The panel members have more than seven years' experience as full time teacher.

**Major Project (Internship):** The Objective of major project is to design and develop the live application with current technology to be used in various industries. The individual student has to undertake major project during internship. Project Viva-Voce Examination will be conducted by the University appointed examiner panel. The panel members have more than five years' experience as full time teacher. The chairman for viva voce committee will be having more than ten years experience as full time faculty.

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

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

**10) Internal Marks Distribution:**

- 1 Ten Marks for Mid Tests.
- 2 Five Marks for activity based learning/ Field Work/online learning activity/Group exercise(Number of students in Group should not more than six).
- 3 Five Marks for Assignments/Library activity etc.

**11) Fee Structure:** As per University norms.

**12) Requirements:**

**i) Core Faculty**

M.C.A – Three Faculties

M.COM / M.B.A. – One Faculty

In addition there shall be visiting/CHB faculty drawn from academicians /professionals from different fields for AEC/DSC/DSE/Skill courses and respective lab courses.

**Technical Staff:** Two Lab Assistants having qualification BCA/B.Com (IT)/Diploma in Computer Engineering/ PG DCA.

**Non-Teaching Staff:** One Clerk and two Peons.

- ii) Computer Lab: Well-equipped networked Lab with backup facility having Application and system software's as per syllabi and at least 32 mbps leased line internet connection. The student computer ratio is should be 4:1
- iii) Library: The entire library fees collected from the students shall be invested on library.
- iv) Class Room: At least 4 classrooms of seating capacity 80 students with LCD in and one Digital Classroom.

**13) Structure of Syllabus:**

B Com.(IT) Part-I (Sem-I)

Course Code	Title of Paper	Credit	Internal	External	Total
DSC1	Financial Accounting	4	20	80	100
DSC2	Fundamentals of Information Technology	4	20	80	100
DSC3	Office Automation	4	20	80	100
GEC	Principles of Management	4	20	80	100
GEC	Business Communication	4	20	80	100
AECC1	Lab Course based on DSC2 and DSC3	4	--	100	100
SEC-I	Skill1	2	50	--	50
VEC-I	Democracy, Elections and Good Governance	--	--	--	--
		<b>26</b>	<b>150</b>	<b>500</b>	<b>650</b>

B Com.(IT) Part-I (Sem-II)

Course Code	Title of Paper	Credit	Internal	External	Total
DSC4	Business Economics	4	20	80	100
DSC5	Introduction to Programming Using C	4	20	80	100
DSC6	Accounting with Tally	4	20	80	100
GEC	Principles of Marketing	4	20	80	100
GEC	Management Information System	4	20	80	100
AECC2	Lab Course based on DSC5 and DSC6	4	--	100	100
SEC-II	Skill2	2	50	--	50
		<b>26</b>	<b>150</b>	<b>500</b>	<b>650</b>

**Note:**

- Exit option with Certificate in **Certificate in Commerce (IT)**. (With the completion of courses equal to 52 credits .

B Com. (IT) Part-II (Sem-III)

Course Code	Title of Paper	Credit	Internal	External	Total
DSC7	Income Tax and GST	4	20	80	100
DSC8	Corporate Accounting	4	20	80	100
DSC9	Object Oriented Programming Using C++	4	20	80	100
DSC10	Database Management System	4	20	80	100
AECC3	Business Statistics	4	20	80	100
AECC4	Lab Course based on DSC9 and DSC10	4	--	100	100
SEC-III	Skill3	2	50	--	50
		<b>26</b>	<b>150</b>	<b>500</b>	<b>650</b>

B Com.(IT) Part-II (Sem-IV)

Course Code	Title of Paper	Credit	Internal	External	Total
DSC11	Business Law	4	20	80	100
DSC12	Cost Accounting	4	20	80	100
DSC13	Web Technology	4	20	80	100
DSC14	Relational Database Management System (RDBMS)	4	20	80	100
AECC5	Stock Exchange and Share Marketing	4	20	80	100
AECC6	Foundations of Financial Audit	4	20	80	100
AECC7	Lab Course based on DSC13 and DSC14	4	--	100	100
SEC-IV	Skill4	2	50	--	50
VEC-II	Environment Studies	4	20	80	100
		<b>34</b>	<b>190</b>	<b>660</b>	<b>850</b>

**Note:**

- Exit option with Diploma in Commerce (IT). (With the completion of courses equal to 112 credits).

**B. Com. (IT) Part-III (Sem-V)**

Course Code	Title of Paper	Credit	Internal	External	Total
DSC15	Cost Accounting	4	20	80	100
DSC16	Computer Networking	4	20	80	100
DSC17	Java Programing	4	20	80	100
DSC18	Lab Course based on DSC17 & DSE2	4	--	100	100
DSE1	Bank Management	4	20	80	100
	Management of Insurance Services				
	Tourism and Hospitality Management				
DSE2	Advanced Excel	4	20	80	100
	Python Programing				
	Operating System with Linux				
SEC-V	Skill5	2	50	--	50
VEC-III	Constitution of India	--	--	--	--
		<b>26</b>	<b>150</b>	<b>500</b>	<b>650</b>

**B. Com. (IT) Part-III (Sem-VI)**

Course Code	Title of Paper	Credit	Internal	External	Total
DSC19	Entrepreneurship Development	4	20	80	100
DSC20	R Programing	4	20	80	100
DSC21	Software Engineering	4	20	80	100
DSC22	Project	4	20	80	100
DSE3	Organizational Behavior	4	20	80	100
	Management Accounting				
	Cooperative Management and Administration				
DSE4	Strategic IT Management	4	20	80	100
	E-Commerce				
	ERP				
DSC23	Lab Course based on DSC20	2	50	--	50
		<b>26</b>	<b>170</b>	<b>480</b>	<b>650</b>

**Note:**

- Exit option with Bachelors in Commerce (IT). (With the completion of courses equal to 164 credits)

B. Com. (IT) Part-IV (Sem-VII)

Course Code	Title of Paper	Credit	Internal	External	Total
DSC24	Research Ethics	4	20	80	100
DSC25	Advanced Research Methodology	4	20	80	100
DSE5	Data Analytics	4	20	80	100
	Computer Applications in Research				
DSE6	Financial Information System	4	20	80	100
	Financial Technologies				
SEC-VI	Skill6	2	50	--	50
		<b>18</b>	<b>130</b>	<b>320</b>	<b>450</b>

B. Com. (IT) Part-IV (Sem-VIII)

Course Code	Title of Paper	Credit	Internal	External	Total
DSC26	Emerging areas of Research in IT	4	20	80	100
DSC27	Emerging Trends in IT	4	20	80	100
DSE7	Dissertation	4	20	80	100
AECC8	Internship(Project)	6	50	100	150
SEC-VII	Skill7	2	50	--	50
		<b>20</b>	<b>160</b>	<b>240</b>	<b>500</b>

**Note:**

- Exit option with **Bachelor in Commerce (IT) with Honors.** (With the completion of courses equal to 202 credits)

**Credit Distribution**

DSC- Domain Specific Courses DSE- Domain Specific Electives

GEC-General Electives Courses AEC-Ability Enhancement Compulsory Courses

SEC – Skill Enhancement Courses VEC – Value Enhancement Courses

Sr.No.	Particulars	Number of Courses	Total Credit	Percentage
1	DSC	27	106	52.48%
2	DSE	7	28	13.86%
3	AEC	8	34	16.83%
4	SEC	7	14	6.93%
5	GEC	4	16	7.92%
6	VEC	3	4	1.98%

**Note:**

- The Skill based courses will be included as per the guidelines given by Shivaji University, Kolhapur
- Students have to select any one course from the respective electives.

**Shivaji University, Kolhapur**  
**Faculty of Commerce and Management.**  
**BOS in Management**

**B.Com. IT Year First Semester I & II**

**Structure of Syllabus:**

B Com.(IT) Part-I (Sem-I)

<b>Course Code</b>	<b>Title of Paper</b>	<b>Credit</b>	<b>Internal</b>	<b>External</b>	<b>Total</b>
DSC1	Financial Accounting	4	20	80	100
DSC2	Fundamentals of Information Technology	4	20	80	100
DSC3	Office Automation	4	20	80	100
GEC	Principles of Management	4	20	80	100
GEC	Business Communication	4	20	80	100
AECC1	Lab Course based on DSC2 and DSC3	4	--	100	100
SEC-I	Skill1	2	50	--	50
VEC-I	Democracy, Elections and Good Governance	--	--	--	--
		<b>26</b>	<b>200</b>	<b>450</b>	<b>650</b>

B Com.(IT) Part-I (Sem-II)

<b>Course Code</b>	<b>Title of Paper</b>	<b>Credit</b>	<b>Internal</b>	<b>External</b>	<b>Total</b>
DSC4	Business Economics	4	20	80	100
DSC5	Introduction to Programming Using C	4	20	80	100
DSC6	Accounting with Tally	4	20	80	100
GEC	Principles of Marketing	4	20	80	100
GEC	Management Information System	4	20	80	100
AECC2	Lab Course based on DSC5 and DSC6	4	--	100	100
SEC-II	Skill2	2	50	--	50
		<b>26</b>	<b>200</b>	<b>450</b>	<b>650</b>

**Note:**

- Exit option with Certificate in **Certificate in Commerce (IT)**. (With the completion of courses equal to 52 credits.



**B.Com. IT Year First Semester – I**

<b>Course Code: DSC1</b>	<b>Financial Accounting</b>	<b>Credits: 04</b>	<b>Marks : 100</b>
Course Outcomes	After completion of this course students will be able to – 1. Understand the concepts of Financial Accounting. 2. Preparation and interpretation of Financial Statements. 3. Understand the concepts of cost and management accounting.		
<b>Unit No.</b>	<b>Descriptions</b>	<b>No. of Periods</b>	
1	<b>Financial Accounting:</b> Nature, Scope and Importance of Financial Accounting, Branches of accounting; Objectives of accounting, International Accounting Standards (only outlines); Accounting principles; Accounting Standards in India, Accounting transactions; ; Journal; Rules of debit and credit; Compound journal entry; Opening entry; Relationships between Journal and Ledger; Rules regarding posting; Trial balance;	20	
2	<b>Preparation of Financial Statements:</b> Classification of income; Classification of expenditure; Classification of receipts Accounting concepts of income; Accounting concepts and income measurement; Expired costs and income measurement Final Accounts; Manufacturing account; Trading account; Profit and loss account; Balance Sheet; Adjustment entries, Rectification of errors; Classification of errors; Location of errors; Suspense accounts; Effects on profit	20	
3	<b>Depreciation, Provisions and Reserves:</b> Concept of depreciation; Causes of depreciation; Methods for providing depreciation; Depreciation of different assets; Different Types of Reserves.	10	
4	<b>Analysis of Financial Statements-</b> Financial Statements, types of financial statements. Nature and Limitations, Techniques of Analysis and Interpretation of Financial Statements, Ratio Analysis. Introduction to Cost Accounting. Preparation of Cost Sheet	10	
	Books Recommended : 1. R.L. Gupta and V.K. Gupta – Financial Accounting (Pt-I, Pt-II) 2. Bhattacharya and Dearden - Accounting For Management 3. Shukla S M - Advanced Accounting 4. Pandey I M - Essentials of Management Accounting 5. Shukla M C and Grewal T S - Advanced Accounting		

<b>Course Code: DSC2</b>	<b>Fundamentals of Information Technology</b>	<b>Credits: 04</b>	<b>Marks : 100</b>
Course Outcomes	After completion of this course students will be able to – 1. Understand basic concepts of Information Technology. 2. Describe peripheral devices and number systems. 3. Demonstrate functions of operating system. 4. Use internet based applications.		
<b>Unit No.</b>	<b>Descriptions</b>	<b>No. of Periods</b>	
1.	<b>Introduction to Information Technology:</b> Data, Information and Knowledge Concepts, Meaning and definition of information technology, components of information technology, IT applications in business,, Characteristics of Computers, Block diagram of computer, Types of computers and features : Mini, micro, mainframe and super, Types of Programming Languages : Machine Language, Assembly Languages and High Level Languages	15	
2.	<b>Peripheral Devices and Number Systems</b> Types of Memory (Primary And Secondary) : RAM, ROM, Secondary Storage Devices ( FD, CD, HD, Pen drive ) , I/O Devices, Number Systems : Binary, Octal and Hexadecimal, Conversion from one base to another	15	
3.	<b>Introduction to Software &amp; Operating System</b> Introduction to software, Types of software: System, Application and utilities. Introduction to operating system, Types of O.S. , Functions of O.S., Files and Directories , Batch Files Windows Operating Environment, Features of Windows, Control Panel, Taskbar, Desktop, Windows Application, Icons, Windows Accessories : Notepad and Paintbrush	15	
4.	<b>Basics of Internet Technology</b> Definition of internet, www, benefits and types of website, use of social media for business & ecommerce, pros and cons of social media, Email service, video conferencing applications, URL, Domain Name System (DNS), Applications of Internet.	15	
	<b>Books Recommended :</b> 1. Computer fundamentals by Rajaraman 2. Computer fundamentals by P.K.SinhaandPritiSinha 3. Computer fundamentals, architecture and organisation by B. Ram 4. Computer Today –Basandara 5.The Complete Reference Internet-Margaret Levine Young		

<b>Course Code: DSC3</b>	<b>Office Automation</b>	<b>Credits: 04</b>	<b>Marks : 100</b>
Course Outcomes	After completion of this course students will be able to – 1. Understand basic concepts of MS-Office. 2. Demonstrate use of MS-Word. 3. Build MS- Excel spreadsheet. 4. Design Power point presentation.		
<b>Unit No.</b>	<b>Descriptions</b>	<b>No. of Periods</b>	
I	<b>Introduction to MS-Office:</b> Introduction to software packages, Components of MS-Office, Features of MS-Office.	10	
II	<b>MS-Word:</b> Introduction, Menus, Shortcuts, Document types, Working With Documents: Opening, Saving, Closing, Editing Document, Using Toolbars, Rulers, Help, Formatting Documents-Setting font, paragraph, Page Style-Setting foot notes, page break, Line break, creating sections and frames, Inserting clip arts, pictures, Setting document styles, Creating Tables-Settings, borders, alignments, Merging, splitting, sorting rows and columns, Drawing-Inserting, drawing, formatting, grouping, ordering, rotating pictures, Tools-Word completion, Spell check, Macros, Mail merge, Tracking Changes, Security, Printing Documents.	20	
III	<b>MS-Excel :</b> Introduction, Spread sheet application, Menus, Tool bars and icons, Spreadsheet: Opening, saving, closing, printing file, setting margins, Converting file to different formats, spread sheet addressing, Entering And Editing Data- Copy, cut, paste, undo, redo, find, search, replace, filling continuous rows and columns, inserting data cells, columns, rows and sheet, Computation Data- Setting formula, finding total in rows and columns, Functions Types- Mathematical, Group, string, date and time, Formatting Spread Sheet- Alignment, font, border, hiding, locking, cells, highlighting values, background color, bordering and shading, Working With Sheet: Sorting, filtering, validation, consolidation, subtotals, Charts-Selecting, formatting, labeling, scaling, Tools-Error checking, spell check, formula auditing, tracking changes, customization.	15	

IV	<p><b>MS-Power Point:</b> Introduction, Opening new presentation, Presentation templates, presentation layout, Creating Presentation-Setting presentation style, adding text, Formatting-Adding style, color, gradient fills, arranging objects, adding header and footer, slide background, slide layout, Slide Show, Adding Graphics-Inserting pictures, movies, tables.</p>	15
	<p><b>Books Recommended :</b></p> <ol style="list-style-type: none"> <li>1. Microsoft Office 2010 Bible- WILEY.</li> <li>2. Microsoft Office-Word 2007 inside out Microsoft Press Publication.</li> <li>3. Microsoft Office-Excel 2007 inside out Microsoft Press Publication.</li> <li>4. Step by step 2007 Microsoft Office system by Curtis Frye, Joyce Cox, Steve Lambert.</li> <li>5. Microsoft Office-Power Point 2007 Plian and simple- Nancy Muir</li> </ol>	

<b>Course Code: GEC1</b>	<b>Principles of Management</b>	<b>Credits: 04</b>	<b>Marks : 100</b>
Course Outcomes	After completion of this course students will be able to – 1. Understand the basic managerial process 2. Illustrate the planning in real life 3. Use of decision making to evaluate various alternatives and situations 4. Understand organization of resources. 5. Demonstrate the leadership and communication skill		
<b>Unit No.</b>	<b>Descriptions</b>	<b>No. of Periods</b>	
1	<b>Introduction to the Management:</b> Meaning, Characteristics, Levels of Management, 14 Principles of Management, Scientific Management, Professional Management, Managerial skills,	15	
2	<b>Planning and Decision Making:</b> Planning: Meaning, Types of Planning – Steps in Planning Process, SWOC Analysis. Decision Making-Concept, Decision-making Process, Techniques of Decision making	15	
3	<b>Organizing and Motivation</b> <b>Organizing:</b> Meaning, Concept, Steps of organization, Principles of organizing. Staffing – Nature, need. Directing – Nature, need. <b>Motivation:</b> Concept, Importance <b>Leadership:</b> Concept, Qualities of Leader, Styles of Leadership	15	
4	<b>Communication</b> Communication: Meaning and Process of Communication, Types of Communication Control-Concept, Need, Process of Controlling, Techniques of Control –Traditional and Modern.	15	
	<b>Books Recommended :</b> 1. George Terry, Principles of Management, Richard D. Irwin 2. Newman, Summer, and Gilbert, Management, PHI 3. James H. Donnelly, Fundamentals of Management, Pearson Education. 4. B.P. Singh and A.K.Singh, Essentials of Management, Excel Books 5. Griffin, Management Principles and Application, Cengage Learning 6. Robert Kreitner, Management Theory and Application, Cengage Learning 7. Peter F Drucker, Practice of Management, Mercury Books, London 8. Organisation and Management- Dr. C.B. Gupta 9. Business Organisation and Management – M.C.Shukla		

	<p>10. Essentials of Management- Koontz and O' Donnell</p> <p>11. Management: Stoner</p> <p>12. Principles of Management- P.C. Tripathi and P.H.Reddy</p> <p>13. Management- Principles and practice- Shrinivas&amp; Chunawala</p> <p>14. Principles of management: Terry,G.R.andStephen Franklin</p>	
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<b>Course Code: GEC2</b>	<b>Business Communication</b>	<b>Credits: 04</b>	<b>Marks : 100</b>
Course Outcomes	After completion of this course students will be able to – 1. Understand the concepts of business communication. 2. Demonstrate the basic communication skills. 3. Understand the dynamics of group communication. 4. Write business correspondence and business reports. 5. Demonstrate the speaking, learning, and interview skills		
<b>Unit No.</b>	<b>Descriptions</b>	<b>No. of Periods (60)</b>	
1	<b>Introduction to Business Communication:</b> Definitions, Basic forms of communication, Communication process, Principles of Effective Communication, Development of positive personal attitudes, ,SWOT analysis. Digital Body Language.	15	
2	<b>Business Communication:</b> Letters of Inquiry and reply, Letter of Order, Letters of Complaints, Claims and Adjustments, Sales Letters, promotional leaflet sand fliers, Credit and Status Enquiry, Collection Series, Consumer Grievance Letters. E-mail communication.	15	
3	<b>Group Communication:</b> Interviews: Preparing for an Interview, Types of Interviews – Selection, Appraisal, Grievance, Exit Group Discussions: Need and Importance of Group Discussions, Participating in a Group Discussion. Stages of group discussion- Initiation, intervention, agreement, disagreement, conclusion. Dos and Don'ts of group discussion. Meetings: Need and Importance of Meetings, Conduct of Meetings and Group Dynamics, Role of the Chairperson, Role of the Participants, Drafting of Notice, Agenda and Resolutions. Telephonic Interviews. Video conferencing interviews. Manners and etiquette during group communication. Writing minutes of the meetings.	15	
4	<b>Presentation and writing skill:</b> Presentation Skill: Principles of Effective Presentation, Four Basic Steps in Making Effective Presentation, The 10/20/30 Rule of PowerPoint, How to make a Power-Point Presentation, Poster/wall-paper Presentation, Video Presentation/Lecturing Writing Skill: writing process, organizing a paragraph, dos and don't s of writing. Reports: Feasibility Reports, Investigative Reports Summarization: Identification of main and supporting /	15	

	sub points, Presenting these in a cohesive manner	
	<p><b>Books Recommended :</b></p> <ol style="list-style-type: none"> <li>1. Business Communication – D.D.Singhal – Ramesh Book Depo. Jaipur</li> <li>2. Business Communication – Varinder Kumar- Kalyani Publication Ludhiyana</li> <li>3. Communication Skill- DR P L Pardeshi –Nirali Publication Pune</li> <li>4. Essential of Business Communication – Rajendrapal – sultan chand&amp; son New Delhi</li> <li>5. The Craft of Business Letter Writing- Monippalli,M.M.(1997), ,T.M.H.New Delhi.</li> <li>6. Communication Skills for Effective-Management Ghanekar, A(1996) Everest Publishing House, Pune.</li> </ol>	



<b>Course Code: AECC1</b>	Lab Course based on DSC2 and DSC3 (Fundamentals of Information Technology and Office Automation)	<b>Credits: 04</b>	<b>Marks : 50</b>
Course Outcomes	After completion of this course students will be able to <ol style="list-style-type: none"> <li>1. Understand basic working of computer.</li> <li>2. Demonstrate functions of operating system and use internet based applications.</li> <li>3. Understand and perform word processing operations using MS-word.</li> <li>4. Analyze data using MS Excel and Create presentations using PowerPoint.</li> </ol>		
	List of Practical's		
Sr. No.	Description		
1.	Create file, folder, compressed file and folder, find file type, size, Search .jpg/.png/.pdf/.doc/.xls file from any drive of your computer,		
2.	List out file according to date, size. Group files according to types.		
3.	Convert any document file to pdf, pdf to word, PPT to pdf		
4.	List out configuration of your computer- HDD Capacity, RAM, Processor, Generation etc.		
5.	List out software installed on your computer and categorized into application, system and utility programs/software's		
6.	List out steps of software installation (Ms-Office, Tally Any other)		
7.	Searching for a web site / application / text documents viewing and downloading		
8.	Create an E-mail account, Retrieving messages from inbox, replying, attaching files filtering and forwarding		
9.	Create Account to any online job portal (e.g Nokari.Com, Monster.com, Shine.com		
10.	Create meeting using Video Conferencing app-Zoom, Google Meet, WebX. Compare its features ,requirements, benefits and limitation		
11	Prepare a letter Covering formatting commands - font size and styles - bold, underline, upper case, lower case, superscript, subscript, indenting paragraphs, spacing between lines and characters, tab settings etc.		
12	Prepare a newsletter with borders, two columns text, header and footer and inserting a graphic image and page layout.		
13	Create a style and apply that style in a document to create a template for the styles.		
14	Create a table using table menu using cell editing operations like inserting, joining, deleting, splitting and merging cells		
15	Create a numbered and bulleted list with different formats.		
16	Demonstrate use of mail merge facility.		
17	Prepare a Spreadsheet representing Student information. Apply Entering And Editing Data- Copy, cut, paste, undo, redo, find, search, replace, filling continuous rows and columns, inserting data cells, columns, rows and sheet		
18	Prepare a Employee Spreadsheet with fields like Id, Name, Designation, Basic Salary, TA, DA, HRA, Gross Salary. Set formula to find total gross salary in rows.		
19	Prepare a Chart using Selecting, formatting, labeling, scaling		

20	Create a Presentation with Slide Transition – Automatic and Manual with different effects
21	Create a new Presentation using Auto content wizard, design template and Plain blank presentation

**B.Com. IT Year First Semester II**

<b>Course Code: DSC4</b>	<b>Business Economics</b>	<b>Credits: 04</b>	<b>Marks : 100</b>
Course Outcomes	After completion of this course students will be able to – 1. Understand the basic concepts of Business Economics. 2. Understand theories and their application for Managerial Decisions. 3. Understand concept of business cycle. 4. Understand pricing under different market conditions		
Unit No.	Descriptions	<b>No. of Periods</b>	
1	Introduction: Meaning, definition, characteristics, significance and scope of business economics, objective of a business firm, Concept of Macro and Micro economics.	15	
2	Demand Analysis and Forecasting: Meaning of Demand, Determinants of Demand, Assumptions of Law of Demand, Elasticity of Demand, Demand Forecasting, Law of Supply, Elasticity of Supply.	15	
3	Cost and Production Analysis: Different Concepts of Costs, Production Function, Cost Output Relationship, Law of Variable Proportion and Determining the Level of Production Cost, Law of Increasing Returns, Law of Decreasing Returns.	15	
4	Pricing Under Different Market Conditions: Nature of Market, Pricing under Perfect, Monopoly and Monopolistic Market Conditions, Characteristics of Oligopoly and Duopoly Markets. Pricing in Oligopoly Market. Pricing in Actual Practice, Cost Plus Pricing, Transfer Pricing.	15	
	Books Recommended : 1. Ahuja H.L. (2008) Business Economics, S. Chand and Co. New Delhi. 2. Alexander, K J W and Kemp, A G (1967)The Economics in Business, Oxford, Blackwell, 3. Joel Dean (1951) Managerial Economics, Prentice-Hall of India Pvt. Ltd 4. Koutsoyiannis A. (2003) Modern Microeconomics, Macmillan New Delhi. 5. Mankar V.G. - Business Economics. Himalaya Publishing House, Bombay, Delhi. Nagpur. 6. Mithani, D.M. and Murthy G.K. (2015) Fundamentals of Business Economics, Himalaya Publishing House, New Delhi. 7. Varshney, R L and Maheshwari K. L. (2014) - Managerial Economics, Sultan Chand & Sons 8. Zambre G.N. - Business Economics: Pimplapure Publishers Nagpur.		

<b>Course Code: DSC5</b>	<b>Introduction to Programming Using C</b>	<b>Credits: 04</b>	<b>Marks : 100</b>
Course Outcomes	After completion of this course students will be able to – <ol style="list-style-type: none"> <li>1. Write, compile and debug C Programs.</li> <li>2. Design programs involving decision structures, loops and functions.</li> <li>3. Understand the dynamics of memory by the use of pointers.</li> <li>4. Design and develop different data structures and create/update basic data files.</li> </ol>		
<b>Unit No.</b>	<b>Descriptions</b>	<b>No. of Periods</b>	
<b>1</b>	Structure of C program: Header and body, Use of comments. Interpreters vs compilers, Python vs C. Compilation of a program. Formatted I/O: printf(), scanf(). Data: Variables, Constants, data types like: int, float, char, double and void, short and long size qualifiers, signed and unsigned qualifiers Variables: Declaring variables, scope of the variables according to block, hierarchy of data types. Types of operators: Arithmetic, relational, logical, compound assignment, increment and decrement, conditional or ternary, bitwise and comma operators. Precedence and order of evaluation, statements and Expressions.	<b>15</b>	
<b>2</b>	Iterations: Control statements for decision making: (i) Branching: if statement, else.. if statement, (does the writer mean if-else or nested ifs) switch statement. (ii) Looping: while loop, do.. while, for loop. (iii) Jump statements: break, continue and goto. Arrays: (One and two dimensional), declaring array variables, initialization of arrays, accessing array elements. Data Input and Output functions: Character I/O format: getch(), getche(), getchar(), getc(), gets(), putchar(), putc(), puts(). Manipulating Strings: Declaring and initializing String variables, Character and string handling functions.	<b>15</b>	
<b>3</b>	Functions: Function declaration, function definition, Global and local variables, return statement, Calling a function by passing values. Recursion: Definition, Recursive functions. Pointer: Fundamentals, Pointer variables, Referencing and de-referencing, Pointer Arithmetic, Using Pointers with Arrays, Using Pointers with Strings, Array of Pointers, Pointers as function arguments, Functions returning pointers. Dynamic Memory Allocation: malloc(), calloc(), realloc(), free() and sizeof operator.	<b>15</b>	
<b>4</b>	Structure: Declaration of structure, reading and assignment of structure variables, Array of structures, arrays within structures, structures within structures. Unions: Defining and working with unions. File handling: Different types of files like text and binary, Different types of functions: fopen(), fclose(), fgetc(), fputc(), fgets(), fputs(), fscanf(), fprintf(), getw(), putw(), fread(),	<b>15</b>	

	fwrite(), fseek().	
	Books Recommended : 1. Programming in ANSI C (Third Edition) : E Balagurusamy, TMH 2. Yashavant P. Kanetkar. “ Let Us C”, BPB Publications 3. Pradip Dey, Manas Ghosh, “Programming in C”, second edition, Oxford University Press	



Estd. 1962  
'A++' Accredited by NAAC (2021)  
With CGPA 3.52

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शिवाजी विद्यापीठ, कोल्हापूर – 416004.

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

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

Date : 02 JUL 2022  
No 00032

To,

The Principal  
All Affiliated (Commerce & Management) Colleges/Institutions,  
Shivaji University, Kolhapur

**Subject : Regarding Syllabi of BCA Part-III (Sem-V/VI) Choice Based Credit System (CBCS) degree programme under the Faculty of Commerce & Management.**

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi of **BCA Part-III (Sem-V/VI) Choice Based Credit System (CBCS)** under the Faculty of Commerce & Management.

This syllabi shall be implemented from the academic year **2022-2023** onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website [www.unishivaji.ac.in](http://www.unishivaji.ac.in) (Student - Online Syllabus).

The question papers on the pre-revised syllabi of above mentioned course will be set for two examination These chances are available for repeater students, if any.

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

Thanking you,

Yours faithfully,

Dy. Registrar

Encl : As above

Copy to,

1. Dean, Faculty of Commerce & Management
2. Chairman, Board of Studies
3. Director, BOEE
4. Appointment Section
5. P. G. Admission Section
6. B.Com and O. E. 1 Section
7. Affiliation Section (U.G./P.G.)
8. Computer Center/I.T.
9. Eligibility Section
10. Distance Education
11. P.G. Seminer Section

for information

for information and necessary action.

# SHIVAJI UNIVERSITY, KOLHAPUR



Established 1962

NAAC A++ Grade

Faculty of Commerce and Management

Syllabus for

**B.C.A. Part- III (Sem – V and VI)(CBCS)**

(To be implemented from June 2022 onwards)

(Subject to the modifications that will be made from time to time)

## B.C.A Part-III (Sem-V)

<b>Course Code : CC 501</b>	<b>Java Programming</b>	<b>Credit:-4</b>	<b>Marks 100</b>
Marks:100	Total Hours of Teaching: 60	External :70	Internal:30
<b>Course Outcomes:</b>	<b>The student will be able to:</b> <ol style="list-style-type: none"> <li>1. Understand the features of Java Language</li> <li>2. Demonstrate Object-Oriented Programming using Java</li> <li>3. Develop Multithreaded and Networking applications</li> <li>4. Design GUI applications using AWT and Swing.</li> </ol>		
<b>Unit No.</b>	<b>Description</b>	<b>No. of Periods</b>	
Unit 1	<b>Java Fundamentals</b> Introduction to Java, History and Features of Java, C++ vs Java, Simple Java Program, Internal path setting, JDK, JRE, and JVM (Java Virtual Machine),JVM Memory Management, data types, Unicode System, Operators, Keywords, and Control Statements, methods, constructor, class,objects,methods,Accessmodifiers,statickeyword,finalkeyword,STRINGManipulation,Array,	15	
Unit 2	<b>Inheritance, Polymorphism and Encapsulation</b> Inheritance in Java, Is-A Relationship, Aggregation and Composition(HAS-A),Types of inheritance, this & super keyword Polymorphism in Java, Types of polymorphism, Static and Dynamic Binding, Abstract class and method, Interface, Encapsulation in Java, Getter and setter method in Java.	15	
Unit 3	<b>Package, Multithreading and Exception handling</b> Defining & create packages, system packages, Introduction of Exception, Pre -Defined Exceptions, Try-Catch-Finally, Throws, throw,User Defined Exception examples, Multithreading- introduction, Thread Creations, Thread Life Cycle, Life Cycle Methods, Synchronization, Wait() notify() notify all() methods	15	
Unit 4	<b>AWT,SWING (JFC)</b> Introduction and Components of AWT, Event-Delegation Model, Listeners, Layouts, Individual Components Label, Button, Check Box, Radio Button, Introduction Diff B/W AWT and SWING, Components hierarchy, Panes, Individual Swings components J Label, JButton, JText Field, JTextArea	15	
	<b>Reference Books:</b> <ol style="list-style-type: none"> <li>1. Java - The Complete Reference-Author – Herbert Schildt, Latest Edition – 11th Edition, Publisher – McGraw Hill Education</li> <li>2. The Complete Reference-Herbert Schildt</li> <li>3. Core Java An Integrated Approach (Black Book)- Dr. R. NageswaraRao</li> </ol>		



<b>Course Code:</b> CC502	<b>Data Warehousing and Data Mining</b>	<b>Credits:04</b>	<b>Marks: 100</b>
Marks:100	Total Hours of Teaching: 60	External :70	Internal:30
<b>Course outcome</b>	After completion of this course students will be able to <ol style="list-style-type: none"> <li>1. Define the Data warehouse architecture and its Implementation.</li> <li>2. Describe the Architecture of a Data Mining system.</li> <li>3. Understand the various Data preprocessing Methods.</li> <li>4. Perform classification and prediction of data</li> </ol>		
<b>Unit No.</b>	<b>Descriptions</b>	<b>No. of Periods</b>	
1	<b>Data Warehousing:</b> Introduction to data warehousing, Data warehousing components, Building a data warehouse, Difference between database system and data warehouse, Data warehouse architecture-3 Tier architecture, Warehouse schema design, Data extraction, Cleanup& transformation tools, Multi-dimensional data model, Data cubes- Stars, Snowflakes, Fact constellations, Concept hierarchy, Online analytical processing-	15	
2	<b>Data Mining:</b> Introduction of data mining - Definition and functionalities Issues in DM, Applications of data mining, KDD process. Data Pre-processing: Data Pre-processing, Data cleaning, Data integration and transformation, Data reduction, Discretization and concept hierarchy generation, Data mining Tasks	15	
3	<b>Data Mining techniques:</b> Frequent item - set and association rule mining: apriori algorithm, use of sampling for frequent item- set tree algorithm, Graph sampling : frequent sub graph mining , tree mining ,sequence mining Classification and Prediction - Issues Regarding Classification and Prediction – Classification by Decision Tree Introduction – Bayesian Classification – Rule Based Classification –Prediction – Accuracy and Error Measures .	15	
4	<b>Cluster Analysis:</b> Types of Data in Cluster Analysis, A Categorization of Major Clustering Methods, Partitioning Methods – K-Means and K-Medoids	15	
	<b>References:</b> 1. Kimball, Ralph & et al, The Data Warehouse Lifecycle Toolkit, John Wiley & Sons, 2006. 2. Jiawei Han and MichelineKamber : “Data Mining Concepts and Techniques”, 3rd Edition,Elsevier,2012. 3. Arun K. Pujari, "Data Mining",University Press. 4. PaulrajPonnian, “Data Warehousing Fundamentals”, John Willey.		

<b>Course Code: CC 503</b>	<b>IT Security</b>	<b>Credit:-4</b>	<b>Marks 100</b>
Marks:100	Total Hours of Teaching: 60	External :70	Internal:30
<b>Course Outcomes</b>	<b>The student will be able to:</b> <ol style="list-style-type: none"> <li>1. Understand the concept and need of IT security,</li> <li>2. Identify different security threats to information systems.</li> <li>3. Describe security controls used for IS security.</li> <li>4. Understand provisions in IT Act 2000 and Design Security policy for IT Enabled Organization.</li> </ol>		
<b>Unit No.</b>	<b>Description</b>	<b>No. of Periods</b>	
Unit 1	<b>Introduction to IT Security</b> Definition of Information System Security, Basics– Introduction, Need, Significance and Challenges of IT Security, IT Assets - Physical Assets (Servers, Workstations, Peripherals, Smartphones, Networking Devices, Information Technology Equipment, Storage Devices, Supplies, IT Personnel) and Logical Assets(Software, Data and Information)Information security dimensions- confidentiality, integrity and Availability	15	
Unit 2	<b>Security Threats</b> Introduction and types of security threats, sources of threats, Cyber Crimes. Security Attacks- Passive attacks (Network Analysis; eavesdropping; Traffic control), Active attacks (Phishing, Sniffing, spoofing, Denial of service attack), Malicious Code (Virus, Malware, Worm, Trojan horse), Keyboard loggers, Web tracking, Perpetrators (Hackers; Crackers)  Other Security Threats- Acts of God (Natural disaster), environmental hazards, Theft, User error, Hardware failure, Software failure.	15	
Unit 3	<b>IT Security Control Measures</b> Identification, Access Controls/Authentication: Password Protection, Biometric verification, Intrusion detection and prevention system, Multilevel authentication.  Antivirus, Recovery software and services, Data backups, Malware detectors, Logs. Cryptography-Types of Cryptography, Digital signature and certificate. Firewall System, Deception Technology  Control Measures for Internet Security	15	
Unit 4	<b>IT Act and Security Standards</b> <ul style="list-style-type: none"> <li>• IT Act 2000 and features of IT Act, Amendments in IT Act, Cyber-crimes under Information Technology Act 2000, Legal issues and challenges</li> </ul>	15	

	<ul style="list-style-type: none"> <li>• Cyber security standards</li> <li>• IS Audit and Security Policy</li> </ul>	
	<p><b>Reference Books:</b></p> <ol style="list-style-type: none"> <li>1. Mark Stamp's Information Security: Principles and Practice (WIND) Paperback – by Deven N. Shah, Wiley.</li> <li>2. Information Systems Security: Security Management, Metrics, Frameworks and Best Practices by Nina Godbole, Wiley, 2nd edition</li> <li>3. Michael T. Simpson, Kent Backman, James Corley —Hands- On Ethical Hacking and Network Defense, 2016</li> <li>4. Steven DeFino, Barry Kaufman, Nick Valenteen —Official Certified Ethical Hacker Review Guide, 2015</li> <li>5. William Stallings, —Principle of Computer Security, McGraw Hill Education, Fourth Edition, 2016.</li> <li>6. AtulKahate, —Cryptography and Network Security, Tata McGraw-Hill, 2003</li> <li>7. Essential Computer Security: Everyone’s Guide to Email, Internet and Wireless security”, by Tony Bradley, Syngress Publication 2006</li> <li>8. “Cryptography &amp; Network Security”, by Behrouz A. Ferouzan, Tata McGraw Hill, 2007.</li> <li>9. Information &amp; Network Security for GTU, I. A. Dhotre V. S. Bagad, Technical Publication, Edition 2018</li> <li>10. Cyber frauds, cyber crimes and law in India by Pavanduggal.</li> <li>11. Cyberlaw: The Law of the Internet and Information Technology, Brian Craig.</li> <li>12. Information System Audit and Control by Ron Weber</li> </ol>	

<b>DSE 504 Elective-I</b>	<b>1. Python Programming</b>	<b>Credits: 4</b>	<b>Marks:100</b>
Marks:100	Total Hours of Teaching: 60	External :70	Internal : 30
<b>Course Outcomes</b>	Students of this course will be able to : 1. Acquire programming skills in core Python. 2. Develop Python programs with conditionals and loops. 3. Understand advance datatypes in Python Programming. 4. Develop problem solving skills and their implementation through Python.		
<b>Unit No.</b>	<b>Description</b>	<b>No. of Periods</b>	
Unit 1	<b>INTRODUCTION TO PYTHON</b> Installation, Spyder IDE, Python Interpreter, History Of Python, Python Features, Applications Of Python, Data Types, Types Of Operators, Operators Precedence, Expressions, Statements, Functions, Comment,Strings - Accessing Values In Strings, Updating Strings, Escape Characters, Built-In String Methods, User Input	15	
Unit 2	<b>CONTROL FLOW AND LOOPS</b> Conditionals: Boolean Values And Operators, Conditional (If), Alternative (If-Else) ,Chained Conditional (If-Elif-Else) Looping-While Loop, The Infinite Loop, For Loop, Iterating BySequence Index, Using Else Statement With Loops, Nested Loops,Break, Continue & Pass Statement. Functions: Function With Arguments, Lambda Functions	15	
Unit 3	<b>LISTS, TUPLES, DICTIONARIES AND SET</b> Lists-Create a List, Get and Set Items ,Add and Remove Items, List Slices, Different List Methods TUPLES - Creation and Accessing Values, Updating Tuples, DeletingTuple Elements, Basic Tuples Operations, Indexing, Slicing DICTIONARY- Accessing Values in Dictionary, Updating Dictionary,Delete Dictionary Elements, Properties of Dictionary Keys, Built-InDictionary Functions and Methods. SETS -Concept of Sets, Creating, Initializing and Accessing the Elements, Sets Operation.	15	
Unit 4	<b>MODULES, FILES I/O,GUI</b> The Import Statement, Modules (Datetime, Calendar, Math Module) Files I/O: Text Files, Reading And Writing Files Introduction To GUI In Python	15	
	<b>Reference Books:</b> 1. R. NageswaraRao, “Core Python Programming”, Dreamtech 2. Practical Programming: An introduction to Computer Science Using Python, second edition, Paul Gries, Jennifer Campbell, Jason Montojo, The Pragmatic Bookshelf. 3. Programming with python, A users Book, Michael		

<b>DSE 504 Elective-I</b>	<b>2. Emerging Trends in Database and Web Technology</b>	<b>Credits: 4</b>	<b>Marks:100</b>
Marks:100	Total Hours of Teaching: 60	External:70	Internal : 30
<b>Course Outcomes</b>	By the end of this course, the students should be able to: 1. Use XML and AJAX for asynchronous data transfer. 2. Describe the role of JQuery in Web application. 3. Differentiate between SQL and NoSQL database system. 4. Analyze given data using MongoDB.		
<b>Unit No.</b>	<b>Description</b>	<b>No. of Periods</b>	
Unit 1	<b>Introduction to XML and AJAX</b> Introduction to XML, Working with Basics of XML: XML Tree, XML Syntax, XML Elements, XML Attributes, XML Namespaces, XML Display, XML Application, Overview of AJAX, AJAX components, Asynchronous Data Transfer with XML Http Request.	15	
Unit 2	<b>Introduction to jQuery</b> jQuery Introduction, jQuery Syntax, jQuery Selectors, jQuery Events, jQuery Effects, jQuery and HTML contents, jQuery and CSS Classes, Working with jQuery and AJAX.	15	
Unit 3	<b>Introduction to NoSQL</b> Introduction to NoSQL database, Types of NoSQL database, NoSQL data modeling, Benefits of NoSQL database, Comparison between SQL and NoSQL database system, NoSQL using Maongodb.	15	
Unit 4	<b>Working with MongoDB</b> Introduction to MongoDB shell, Basic data types, Running the MongoDB shell, MongoDB Client, ,Basic operations with MongoDB shell, Arrays, querying with MongoDB, find function, OR queries, Types specific querying, Aggregation in MongoDB.	15	
	<b>Reference Books</b> 1. Teach yourself XML in 21 days, Steven Holzner, Sams. 2. Foundations of AJAX, Ryan Asleson and Natahniel T. Schutta, Apress 3. Learning from jQuery: Building on Core Skills, 2013, CallumMacrae, O'Reilly 4. Professional NoSQL, Shashank Tiwari, 2011, Wiley 5. Teach yourself NoSQL with MongoDB in 24 Hours, Brad Dayley, Sams		

<b>Course Code: DSE 504</b>	<b>3. Ethical Hacking</b>	<b>Credit:-4</b>	<b>Marks 100</b>
Marks:100	Total Hours of Teaching: 60	External:70	Internal : 30
<b>Course Outcomes</b>	After completion of the course, students should be able to: 1. Understand the risks in the computer systems and networks. 2. Identify and analyze problems in computer and networks security. 3. Identify security vulnerabilities and weaknesses 4. Develop security mechanisms to protect computer systems and networks.		
<b>Unit No.</b>	<b>Description</b>	<b>No. of Periods</b>	
Unit 1	<b>Ethical Hacking</b> Introduction to Ethical Hacking, Objective of Ethical Hacking Need of Ethical hacking, Significance of ethical hacking for effective security management, Types of Hackers, Black Hat vs. Grey Hat vs. White Hat (Ethical) hacking	15	
Unit 2	<b>Reconnaissance, Scanning and Enumeration</b> Attacks and Vulnerabilities, Asset, Access Control, CIA, Authentication, Authorization, Risk, Attack Surface, Security-Functionality-Ease of Use Triangle <b>Introduction to Reconnaissance:</b> Active and Passive Reconnaissance <b>Introduction to Scanning and Enumeration:</b> Scanning IP Address, Network and It's Services, Enumerating Open Ports - HTTP/S, SMB, SNMP, SMPT, Finding Vulnerabilities and It's Proof-of-Concept (POC)	15	
Unit 3	<b>Types of vulnerabilities:</b> OWASP Top 10 : cross-site scripting (XSS), cross site request forgery (CSRF/XSRF), SQL injection, input parameter, manipulation, broken authentication, sensitive information disclosure, XML, External Entities, Broken access control, Security Misconfiguration, using components with known vulnerabilities, Insufficient Logging and monitoring, OWASP Mobile Top 10, CVE Database, ARP Poisoning, DoS attack, SQL injection attack.	15	
Unit 4	<b>Vulnerability Assessment and Penetration Testing (VAPT)</b> Process: Introduction to VA and PT, Threat modelling, Categories of Penetration Test, Tools used like WebInspect / Qualys, Nessus, differences in VA and PT.	15	
	<b>Reference Books:</b> 1. Hacking: The Art of Exploitation by Jon Erickson 2. The Basics of Hacking and Penetration Testing: Ethical Hacking and Penetration Testing Made Easy by Patrick Egebretonson 3. Certified Ethical Hacker Study Guide v9, Sean-Philip Oriyano, Sybex; Study Guide Edition,2016 4. CEH official Certified Ethical Hacking Review Guide, Wiley India Edition, 2007		
<b>Course Code:</b>	<b>1. Digital Marketing</b>	<b>Credit: 04</b>	<b>Marks:100</b>

<b>GE 505</b> <b>(Elective-II)</b>			
Marks:100	Total Hours of Teaching: 60	External :70	Internal : 30
<b>Course Outcomes</b> <b>(Cos):</b>	At the end of the course the student should be able to: 1. Learn the applications of Digital Marketing 2. Analyze the different digital marketing avenues. 3. Examine digital marketing tools. 4. Build real life problems in the domain of digital marketing		
<b>Unit No.</b>	<b>Description</b>	<b>No. of Periods</b>	
I	<b>Digital Marketing:</b> Introduction, Definition, Meaning and Scope, Advantages of digital Medium over other media, Digital Marketing Plan. Digital Marketing Strategy-POEM framework, .Digital consumer behaviour.	15	
II	<b>Search Marketing :</b> Introduction, Meaning, Types ,Basics of Search marketing, SEO-Working, Search Engine marketing (SEM) :Introduction, Meaning, Types of SEM, Difference between SEO and SEM, Overview of Google Ad words, Keywords research and analysis, Tracking the success of SEM Search Engine	15	
III	<b>Types of Digital Marketing</b> <b>1.Mobile Marketing:</b> Different kinds of mobile marketing ,mobile marketing ecosystem <b>2. Social Media Marketing:</b> Different social Media Channels, Social media for various businesses B2C& B2B,Measuring social media ROI <b>3. Content Marketing:</b> story telling in Social media <b>4. E-Mail Marketing:</b> The basics of Email marketing <b>5. Display Marketing:</b> Different Kinds of Display marketing , The display Marketing ecosystem	15	
IV	<b>Affiliate Marketing:</b> Introduction, Meaning, Types of Affiliate Mktg., Future of Digital Marketing, Technological advancements in Digital Marketing, Practical Applications of Digital Marketing.	15	
<b>Books Recommended:</b>			
<ol style="list-style-type: none"> <li>1. Gupta Seema.-Digital Marketing,McGraw Hill Education(India) Pvt.Ltd.</li> <li>2. Ahuja Vandana-Digital Marketing,Oxford University Press, 2015.</li> <li>3. Mohammed R.,—InternetMarketing,McGrawHill,NewYork,Vol.4,2001</li> <li>4. Krishnamurthy,S.&amp;Singh,N.(2005),TheInternationalE-MarketingFramework(IEMF)</li> </ol>			
<b>Suggested Research Journal:</b> Vikalp – IIMAhmedabad			
<ul style="list-style-type: none"> <li>• Boudreau,M.-C.&amp;Watson,R.T.(2006),InternetAdvertisingStrategyAlignmentInternet Research,16,23-37.</li> <li>• ImportantDigitalMarketingChannelsYouShouldKnowAbout".DigitalDoughnut.Retrieved17 October2015.</li> </ul>			

<b>Course code: GE505(Elective II)</b>	<b>2. Management Information System</b>	<b>Credit:04</b>	<b>Marks:100</b>
Marks:100	Total Hours of Teaching: 60	External :70	Internal : 30
<b>Course Outcomes</b>	After completion of this course students will be able to- 1.Understand the fundamental principles of information systems 2. Describe the types of management and decision making 3. Demonstrate different types of IS used in business. 4. Explain various applications of MIS		
<b>UNIT No.</b>	<b>Description</b>	<b>No.ofPeriods</b>	
I	<b>Introduction to Information System</b> <ul style="list-style-type: none"> <li>• Introduction to systems- definition, need, types, characteristic</li> <li>Definition of Information</li> <li>• Classification of Information</li> <li>• Need and importance of information system</li> <li>• Definition and Characteristics of information system</li> <li>• Role of information system in business</li> </ul>	15	
II	<b>Decision Making</b> <ul style="list-style-type: none"> <li>• Decision Making Concepts, and Process, Types of Decisions</li> <li>• Behavioral Concepts in Decision Making</li> <li>• Organizational Decision-Making</li> <li>• MIS and Decision Making</li> </ul>	15	
III	<b>Types of Information System</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Operational and Knowledge Level- TPS (Transaction Processing System), OAS (Office Automation System), KWS (Knowledge Work System)</li> <li>• Management and Strategic Level-</li> <li>• MIS (Management Information System-need characteristics,</li> <li>• DSS (Decision Support System)-need, characteristics, components,</li> <li>• ESS (Executive Support System)-need, characteristics</li> </ul>	15	
IV	<b>Applications of MIS</b> <ul style="list-style-type: none"> <li>• Financial Information System</li> <li>• Human Resource Information System</li> <li>• Production Information System</li> <li>• Marketing Information System</li> </ul>	15	



	<p><b>ReferenceBooks:</b></p> <ol style="list-style-type: none"><li>1.W. S. Jawadekar,Management Information Systems, 4th edition, McGraw Hill.</li><li>2. Ramesh Behl , James O' Obrien and George M. Marakas, Management Information Systems, 10th edition, McGraw Hill edition.</li><li>3. DR. Milind M. Oka. , Management Information Systems , Everest Publishing House</li></ol>	
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<b>Course Code:</b> GE 505 Elective-II	<b>3. Knowledge Management</b>	<b>Credits: 04</b>	<b>Marks : 100</b>
Marks:100	Total Hours of Teaching: 60	External :70	Internal : 30
Course Outcomes	After completion of this course students will be able to - 1. Explain the fundamentals of knowledge management 2. Understand of the Knowledge Management life cycle. 3. Categorize the Knowledge Management tools. 4. Implement Knowledge Management in different sectors.		
<b>Unit No.</b>	<b>Description</b>	<b>No. of Periods</b>	
I	<b>Introduction to Knowledge Management (KM):</b> <ul style="list-style-type: none"> <li>● History of Knowledge Management,</li> <li>● Definition, scope and significance of Knowledge Management</li> <li>● BasicTypes of Knowledge,</li> <li>● Knowledge Management Processes</li> <li>● Knowledge Management Systems</li> <li>● Data-Information-knowledge-Wisdom relationship</li> <li>● Organizational impact on knowledge management</li> <li>● Factors influencing Knowledge Management.</li> </ul>	15	
II	<b>Knowledge Management Life Cycle</b> <ul style="list-style-type: none"> <li>● Introduction &amp; phases of Knowledge management life cycle</li> <li>● Principles of Knowledge Management</li> <li>● Techniques of Knowledge Management</li> <li>● Knowledge Application Systems</li> <li>● Knowledge Capture Systems</li> <li>● Knowledge sharing systems</li> <li>● Knowledge Discovery Systems</li> </ul>	15	
III	<b>Knowledge Management Techniques and Tools</b> <ul style="list-style-type: none"> <li>● Organizational knowledge creation- Knowledge network, knowledge mapping tools- visual thinking software, concept map,</li> <li>● Knowledge Acquisition tools- e-mail, newsgroup, web-conferencing, IRC etc.</li> <li>● Organizational knowledge processing</li> <li>● Knowledge analysis- data mining, on-line data analytical processing</li> </ul>	15	
IV	<b>Knowledge Management and Industry perspective:</b> <ul style="list-style-type: none"> <li>● Role of Information Technology in Knowledge Management Systems</li> <li>● Knowledge Management and E-commerce</li> <li>● Bench marking and Knowledge Management</li> <li>● Knowledge Management in Manufacturing and service industry,</li> <li>● KM roles and Responsibilities within organizations,</li> <li>● Future of Knowledge Management.</li> <li>● Future challenges for KM.</li> <li>● Careers in Knowledge Management</li> </ul>	15	

<b>References:</b>	<ul style="list-style-type: none"><li>• Knowledge Management, Sudhir Warier, Vikas Publishing House.</li><li>• Web Warehousing &amp; Knowledge Management, Mattison: Tata McGraw-Hill.</li><li>• Knowledge management: An Evolutionary view, Becerra Fernandez: PHI.</li><li>• Knowledge Management, Fernando: Pearson.</li><li>• Knowledge Management, B. Rathan Reddy: Himalaya.</li><li>• Knowledge Management, Tapan K Panda: Excel.</li><li>• Knowledge Management systems, Barnes: Cengage.</li><li>• The Knowledge Management tool kit, Tiwana: 2/e, Pearson Education.</li><li>• Knowledge Management, Sislop: Oxford University Press,.</li><li>• Knowledge Management, Debowski: Wiley Student Edition, Wiley Ind</li><li>• Knowledge management, A Thothathri Raman, Excel books</li></ul>
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<b>CCL 506</b>	<b>Lab Course IX based on CC501</b>	<b>Credit:-2</b>	<b>Marks 50</b>
Marks:50	Total Hours of Teaching:30	External : 50	
<b>Course Outcomes:</b>	1. Implement the Concept of OOP in Java through simple programs. 2. Implementation and Evaluation of concept related to class and inheritance, concept of Multiprogramming and Exception Handling.		
	List of Programs (Note: Students should certify & enclose minimum 10 programs in journal.)		
1	Java programs based on branching and looping statements.		
2	Java programs based Type Casting		
3	Java programs based on command line arguments		
4	Java programs based on constructors		
5	Java programs based on inheritance		
6	Java programs based on method overloading		
7	Java programs based on method overriding		
8	Java programs based on interfaces		
9	Java programs based on packages		
10	Java programs based on multithreading		
11	Java programs based on exception handling		

<b>CCL 507</b>	<b>Lab Course-X Based on DSE504</b>	<b>Python Programming</b>	<b>Credit:-2</b>
Marks:50	Total Hours of Teaching:30	External : 50	
Course Outcomes	After completion of this course student should be able to- 1. Demonstrate and use different Datatypes in Python. 2. Apply various built looping statements and Modules provided by Python.		
1.	Program to display name and address.		
2.	Program to Accept two number and display addition, subtraction, multiplication, division and modules.		
3.	Program to calculate factorial of given number.		
4.	Program to create a list of 100 numbers and separate those numbers in two different list one includes odd number other even.		
5.	Program to display maximum number and minimum number from given list		
6.	Program to demonstrate slicing.		
7.	Program to demonstrate set operators(union ,intersection, minus)		
8.	Program to print current date and time.		

9.	Program to Today's Year, Month, and Date
10.	Program to convert Date to String
11.	Program to display the Calendar of a given month.
12.	Program to display calendar of the given year.
13.	Program to demonstrate File input.
14.	Program to demonstrate file output
15.	Program two add two numbers using GUI.

Note: Students should certify & enclose minimum 10 programs in journal.

<b>CCL 507</b>	<b>Lab Course-X Based on DSE504</b>	<b>Emerging Trends in Database and Web Technology</b>	<b>Credit:-2</b>
Marks:50	Total Hours of Teaching:30	External : 50	
<b>Course Outcomes:</b>	After completion of this course student should be able to- 1. Demonstrate and use different types of XML files. 2. Apply various built in statements and queries to demonstrate AJAX and MongoDB		
	<b>Practical List</b>		
1	Program to view simple XML file.		
2	Program to prepare Food Menu using XML.		
3	Display Food Menu formatted with CSS file.		
4	Create a simple XMLHttpRequest and retrieve data from txt file.		
5	Create a simple XMLHttpRequest with callback function and retrieve text file data.		
6	Create a simple XMLHttpRequest and retrieve data from xml file.		
7	Write a JQuery program to demonstrate different selectors.		
8	Write a JQuery program to demonstrate different events.		
9	Write a JQuery program to set and get HTML contents and attributes.		
10	Write a JQuery program to set and return CSS properties.		
11	Write a JQuery program to demonstrate AJAX load() method.		
12	Write a JQuery program to demonstrate AJAX get() and post() method.		
13	Create and Drop database using MongoDB.		
14	Create and Drop collection using MongoDB.		
15	Insert document into a MongoDB collection.		
16	Implementing find function to query document in MongoDB collection		
17	Update document into a MongoDB collection.		
18	Delete document from a MongoDB collection.		
19	Sort documents in a MongoDB collection.		
20	Demonstrate Aggregation operations using a MongoDB.		

Note: Students should certify & enclose minimum 10 programs in journal.

<b>CCL 507</b>	<b>Lab Course-X Based on DSE504</b>	<b>Ethical Hacking</b>	<b>Credit:-2</b>
<b>Marks:50</b>	<b>Total Hours of Teaching:30</b>	<b>External : 50</b>	
Course Outcomes	After completion of this course student should be able to- 1. Implement the different methods in ethical hacking. 2. Understand security risks and it's impact using different tools		
1.	Use Google and Whois for Reconnaissance		
2.	Perform Google Dorking		
3.	Use CrypTool to encrypt and decrypt passwords using RC4 algorithm		
4.	Use Cain and Abel for cracking Windows account password using Dictionary attack and to decode wireless network passwords		
5.	Perform vulnerability analysis using Nessus tool		
6.	Run and analyze the output of following commands in Linux - ifconfig, ping, netstat, traceroute		
7.	Perform ARP Poisoning in Windows		
8.	Use NMap scanner to perform port scanning of various forms - ACK, SYN, FIN, NULL, XMAS		
9.	Use Wireshark (Sniffer) to capture network traffic and analyse		
10.	Use Nemesy to launch DoS attack		
11.	Simulate persistent cross-site scripting attack		
12.	Session impersonation using Firefox and Tamper Data add-on		
13.	Perform SQL injection attack		

Note : Student Should certify and enclose at least 10 programs in journal.

### BCA-III (Sem-VI)

<b>Course Code: CC 601</b>	<b>Cloud Computing</b>	<b>Credit:-4</b>	<b>Marks 100</b>
Marks:100	Total Hours of Teaching: 60	External:70	Internal : 30
Course Outcomes (COs) : On completion of the course, the students will be able to:			
CO1	Understand the fundamental principles of Cloud Computing.		
CO2	Understand the importance of virtualization in distributed computing and how this has enabled the development of Cloud Computing.		
CO3	Explain the core concepts of the cloud computing paradigm: how and why this paradigm shift came about, the characteristics, advantages and challenges brought about by the various models and services in cloud computing.		
CO4	Describe cloud computing applications		
<b>Unit No.</b>	<b>Description</b>	<b>No. of Periods</b>	
Unit I	Introduction to Cloud Computing <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Roots of Cloud Computing</li> <li>• Layers and Types of Cloud</li> <li>• Desired Features of a Cloud</li> <li>• Platform as a Service Providers</li> <li>• Architecture of cloud computing</li> <li>• Challenges in the cloud</li> <li>• Types of Cloud : Private, Public, Hybrid</li> </ul>	15	
Unit II	Virtualization <ul style="list-style-type: none"> <li>• Introducing virtualization and its benefits</li> <li>• Implementation Levels of Virtualization</li> <li>• Virtualization at the OS Model</li> <li>• Virtualization Structure: Hosted Structure, Bare-Metal Structure</li> <li>• Virtualization of CPU,Memory, and I/O Devices</li> <li>• Virtualization in Multicore Processors</li> <li>• Virtual Clusters and Resource management</li> </ul>	15	
Unit III	Cloud Computing Services <ul style="list-style-type: none"> <li>• Infrastructure as a Service</li> <li>• Platform as a servive</li> <li>• Leveraging PaaS for productivity</li> <li>• Guidelines for selecting PaasPovider</li> <li>• Concern with PaaS</li> <li>• Language and PaaS</li> <li>• Software as a Servive</li> <li>• Database as a Service</li> <li>• Specialized Cloud Services</li> </ul>	15	
Unit IV	Cloud Computing Applications <ul style="list-style-type: none"> <li>• Business Applications: MailChimp, Salesforce, Chatter,Paypal</li> </ul>	15	

	<ul style="list-style-type: none"> <li>• Education Applications:Google Apps for Education,Chromebooks for Education,Tablets with Google Play for Education</li> <li>• Entertainment Applications:Online games, Video Conferencing Apps,</li> <li>• Social Applications:Facebook, Twitter, LinkedIn</li> </ul>	
<p>Books Recommended :</p> <ul style="list-style-type: none"> <li>➤ Cloud Computing : Princi,ples and Paradigms RajkumarBuyya, James Broberg, AndrzejGoscinski, Willey Publication</li> <li>➤ Cloud Comuting : Black Book KailashJayaswal, JagannathKallakurchi, Donald J. Houde, Dr. Deven Shah</li> <li>➤ Cloud Computing : Bible Barrie Sosinsky, Willey Publication</li> <li>➤ Cloud Computing : A Hands-On Approach ArshdeepBahga, Vijay Madiseti</li> </ul>		