

1.3.1. List and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.

Sr.No.	Class	Subject Name	Subject code	Name of Paper	Topic	Year of Introduction of Syllabus
1	M.A.I	Marathi	MAR-513	दलितसाहित्य	Human values	2023-24
2	M.A.I	Economics	Eco-415	Environmental economics -I	Environmental economics and Sustainable Development	2023-24
3	FYBA	Political science	POL- G- 101A	Introduction to Indian Constitution	Human values	2022-23
4	TYBA	Hindi	HIN-361A	1.विशेष विधा: भारतीय संत काव्य	1) Gender	2020-21
5	TYBA	Psychology	PSY-351	Management of Interpersonal Relations	Gender differences regarding love	2020-21
6	TY B.Sc	Chemistry	CH- 506 (B)	Green Chemistry	Environment and sustainable development	2020-21
7	TYBA TYBA	Geography	GG-351 GG- 361	1. Environmental Geography 2. Population Geography	1) Environment 2) Gender	2020-21 2020-21
8	SYBA	Geography	GG-241	Human Geography	Human values	2019-20
9	SYBA	Compulsory English	CENG-231	English for humanities	Values in life (Essay)	2019-20
10	FYBSc FYBA	Environmental Studies	55558	Environmental Studies	Environment	2018-19



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कवयित्री बहिणाबाई चौधरी
उत्तर महाराष्ट्र विद्यापीठ, जळगाव
मानव्य विद्याशाखा
NEP 2020 नुसार
एम.ए.मराठी
सत्र पहिले व दुसरे
(शैक्षणिक वर्ष २०२३-२४ पासून लागू)

अभ्यासपत्रिका क्र.1

सत्र पहिले

P.G.DSC-1 MAR-411

मराठी वाङ्मयाचा इतिहास (प्रारंभ ते १८१८)

सत्र दुसरे

P.G.DSC-5 MAR-511

मराठी वाङ्मयाचा इतिहास (१८१८ ते १९२०)

अभ्यासपत्रिका क्र.2

सत्र पहिले

P.G.DSC-2 MAR-412

समीक्षाशास्त्र

सत्र दुसरे

P.G.DSC-6 MAR-512

आधुनिक भाषाविज्ञान

अभ्यासपत्रिका क्र.3

सत्र पहिले

P.G.DSC-3 MAR-413

ग्रामीण साहित्य

सत्र दुसरे

P.G.DSC-7 MAR-513

दलित साहित्य

अभ्यासपत्रिका क्र.4

सत्र पहिले

P.G.DSC-4 MAR-414

मराठी भाषा आणि कौशल्ये विकास

सत्र दुसरे

P.G.DSC-8 MAR-514

मराठी भाषा आणि तंत्रज्ञान

अभ्यासपत्रिका क्र.5 (वैकल्पिक)

सत्र पहिले

P.G.DSE-1 MAR-415 (A)

वाद्य प्रकार-चरित्र

OR

P.G.DSE-1 MAR-415 (B)

आत्मकथन

OR

P.G.DSE-1 MAR-415 (C)

स्वयंम कोर्स

सत्र दुसरे

P.G.DSE-2 MAR-515 (A)

वाद्य प्रकार-कादंबरी

OR

P.G.DSE-2 MAR-515 (B)

प्रेवासवर्णन

OR

P.G.DSE-2 MAR-515 (C)

स्वयंम कोर्स

अभ्यासपत्रिका क्र.6 (वैकल्पिक)

सत्र पहिले

P.G.DSE- RM-MAR-416

संशोधन पद्धति

सत्र दुसरे

P.G.DSE- OJT-MAR-516

प्रकाशन व्यवहार

कवयित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ, जळगाव

मानव्यविज्ञान विद्याशाखा

NEP 2020 नुसार शैक्षणिक वर्ष २०२३-२४ पासून लागू

सत्र दुसरे

अभ्यासपत्रिका क्र. ३

P.G. DSC - 7 MAR - 513

दलित साहित्य

श्रेयांक - ४

❖ उद्दिष्ट्ये :

- विशिष्ट साहित्यप्रवाहाच्या निर्मितीची कारणे
- दलित साहित्य निर्मिती प्रेरणाचा शोध घेणे
- दलित साहित्य मधील वैशिष्ट्ये अभ्यासणे
- दलित साहित्यातील आत्मकथा, नाटक याचा स्थूल परिचय

❖ घटक विश्लेषण :

घटक क्रमांक	घटक	श्रेयांक	घड्याळी तासिका
01	दलित साहित्य १.१ दलित साहित्य संकल्पना १.२ दलित साहित्य निर्मितीची कारणे	01	15
02	दलित साहित्य स्वरूप २.१ दलित साहित्य प्रेरणा २.२ दलित साहित्य वैशिष्ट्ये	01	15
03	दलित साहित्य विशेष अभ्यास नेमलेल्या साहित्यकृतीच्या संदर्भात - नेमलेल्या साहित्यकृती ३.१ आठवणीचे पक्षी - प्र. ई. सोनकांबळे ३.२ आठवणीचे पक्षी ह्या दलित आत्मकथनातील कथानक, स्वरूप आणि वैशिष्ट्ये याचा अभ्यास	01	15
04	४.१ युगयात्रा - म. भ. चिटणीस ४.२ युगयात्रा या दलित नाटकातील कथानक, स्वरूप आणि वैशिष्ट्ये याचा अभ्यास एकूण श्रेयांक	04	60

❖ संदर्भ ग्रन्थ :

- पानतावणे गंगाधर : दलित साहित्य चर्चा आणि चिंतन
- फडके भालचंद्र : वेदना आणि विद्रोह
- मनोहर यशवंत : दलित साहित्य : सिद्धांत आणि स्वरूप
- डांगळे अर्जुन : दलित साहित्य एक अभ्यास
- किरवले कृष्णा : दलित चळवळ आणि साहित्य

६. दत्ता भगत : दलित साहित्य दिशा आणि दिशांतर
७. कुलकर्णी गो. म. : दलित साहित्यातील स्पंदने
८. मुलाटे वासुदेव : दलित आत्मकथने
९. निंबाळकर वामन : दलित साहित्य
१०. निकम छाया : दलित कथा : निर्मिती आणि समीक्षा
११. खरात प्रकाश : दलित कथा उद्भव आणि विकास
१२. सोनकांबळे प्र. ई. : आठवणीचे पक्षी
१३. चिटणीस म. भि. : युगयात्रा

❖ साध्ये :

- या अभ्यासपत्रिकेचा अभ्यास केल्यानंतर विद्यार्थ्यांना पुढील बाबी प्राप्त होतील.
१. दलित साहित्य निर्मितीची कारणे समजून घेता येतील.
 २. दलित साहित्य निर्मिती प्रेरणाचा शोध लक्ष्यात येईल.
 ३. दलित साहित्य मधील वैशिष्ट्ये आत्मसात होतील.
 ४. दलित साहित्यातील आत्मकथा, नाटक स्थूल परिचय आत्मसात होईल

॥अंतरी पेटवू ज्ञानज्योत॥

**KAVAYITRI BAHINABAI CHAUDHARI
NORTH MAHARASHTRA UNIVERSITY, JALGAON**



**'A' Grade
NAAC Re-Accredited
(4th Cycle)**

Syllabus for

M.A. ECONOMICS

First Year (SEMESTER I and II)

FACULTY OF HUMANITIES

With effect from Academic Year – 2023-2024 for 1st Year

(Syllabus Structure under revised NEP 2020 Pattern for PG Course in the
Subject of Economics)

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

FACULTY OF Humanities, M.A. PROGRAMME

Credit distribution structure for Two years/One-year PG MA programme

ECONOMICS

M.A. (Level 6.0)

M.A. Economics Programme Structure as per NEP Guidelines wef- 2023-24

SEM-I	Course Category	Paper Code	Name of the course (Title of the Paper)	Total Credit
	DSC-1	ECO-411	Advanced Microeconomic Analysis-I	4
	DSC-2	ECO-412	Public Finance-I	4
	DSC-3	ECO-413	Agricultural Economics-I	4
	DSC-4	ECO-414	Statistics-I	2
	DSE-1	ECO-415	A. Industrial Economics-I B. Environment Economics-I C. Rural Development	4
	RM	ECO-416	Research Methodology for Economics-I	4
Total				22

SEM-II	Course Category	Paper Code	Name of the course (Title of the Paper)	Total Credit
	DSC-5	ECO-421	Advanced Microeconomics Analysis-II	4
	DSC-6	ECO-422	Public Finance-II	4
	DSC-7	ECO-423	Agricultural Economics-II	4
	DSC-8	ECO-424	Statistics-II	2
	DSE-2	ECO-425	A. Industrial Economics-II B. Environment Economics-II C. Demographic Economics	4
	Ojt/ Int.	ECO-426	On Job Training/ Internship	4
Total				22

M. A. I Sem- I**DSE-1-B ECO- 415 B: Environment Economics-I****Credit:- 4****Total Marks:- 100****Internal Examination:-40****External Examination:- 60****Course Objectives (CObs):**

1. The objective of this course is to provide basic knowledge of Environmental Economics.
2. It also provides a detailed understanding the relation between population and environment.
3. This course also provides knowledge regarding Environment Degradation Control Policies & Measures.
4. This course gives knowledge about Pollution Control Policy on Global & Local Levels.

Course Outcomes (COts):

- Student will able to understand basic knowledge of Environmental Economics
- Students will able understanding of theory of population and environment.
- Student will able to understand knowledge regarding Environment Degradation Control Policies & Measures.
- Students will able understanding Pollution Control Policy on Global & Local Levels

CONTENT**Unit 1 Introduction to Environmental Economics****Hrs: 15**

- 1.1 Meaning, Nature, Scope and Significance.
- 1.2 Economic Development and Environment
- 1.3 Pollution & Environmental Degradation As An Economic Problem
- 1.4 Environmental Degradation & Its Effect On Human Health, Bio-Diversity Of A Region
- 1.5 Greenhouse Effect, Global Warming & Climate Change
- 1.6 Common Property Resources and their depletion ecosystems.

Unit 2 Environmental Economics and Sustainable Development**Hrs: 15**

- 2.1 Environment and Government Failure
- 2.2 Distinction between environmental economics and natural resources.
- 2.3 Measurement of Sustainable development
- 2.4 Deforestation and environmental problems
- 2.5 Agriculture and Urban environmental problems
- 2.6 Optimum Pollution and Zero Pollution

Unit 3 Environmental Issues**Hrs: 15**

- 3.1 Global Warming
- 3.2 Green House Effect
- 3.3 Acid Rain
- 3.4 Biodiversity Preservation
- 3.5 WTO, World Bank and Environment
- 3.6 Trade and Environment- Climate Change Energy Security.

Unit 4 Environmental policy in India and environment protection**Hrs: 15**

- 4.1 Environmental policy in India
- 4.2 Environment protection law in India Central pollution control board state pollution control board local bodies and environmental protection
- 4.3 Role of public government private and cooperative sector in

environment protection

4.4 Role of NGO's

4.5 Legislation to prevent and control of various types of pollution

4.6 Multilateral environmental agreements.

References: -

1. Economic Rights and Environmental Wrongs: Property Rights for the Common Good By Rose Anne Devlin; R. Quentin Grafton Edward Elgar, 1999
2. Environmental Economics: A Critical Overview , Alan Gilpin, Wiley, 2000
3. Managing Environmental Pollution: Andrew Farmer, Routledge, 1997
4. Economic Development: Michael P. Todaro & Stephen C. Smith, Person Education Asia,2003
5. The Economic Theory Of Pollution Control: Paul Burrows Martin Robertson & Co.Ltd.,1979
6. Environment Economics: In Theory & Practice: Nick Hanley, Jason F Shogren & Ben White ,Macmillan,1997
7. The Process of Business/Environmental Collaborations: Partnering for Sustainability : Alissa J. Stern; Tim HicksQuorum Books, 2000
8. Environmental Economics: An Introduction, 6th edition, by Barry C. Field and Martha K. Field (McGraw-Hill, New York, 2015).
9. Environmental Economics, Kolstad (2000), Oxford University Press.
10. Natural Resource and Environmental Economics, Perman, Ma, McGilvray, Commons (2003), Third Edition, Pearson.
11. Economics of natural resources and the environment: Pearce D W & R K Turner. Harvester Wheatsheaf 1990.
12. Environmental and natural resource economics. Tietenberg T and Lynne Lewis: 9th Edition, Pearson, 2015.
13. Introduction To Positive Economics: R.G. Lipsey & K.A.Chistal,11th ed. E.L.B.S. Oxford University Press
14. Price Theory & Its Application : Jackhirshlefer, Prentice-Hall Of India Private Limited
15. Micro Economics: Robert S. Pindyck & Daniel Rubbinfield, Pearson education
16. Web site :Wikipedia.



**KAVAYITRI BAHINABAI CHAUDHARI
NORTH MAHARASHTRA UNIVERSITY,
JALGAON**

**SYLLABUS FOR F.Y.B.A.
SEMESTER PATTERN**

(CHOICE BASED CREDIT SYSTEM)

POLITICAL SCIENCE
&
PUBLIC ADMINISTRATION

(With Effect From:2022-2023)

**KBC North Maharashtra University,
Jalgaon Choice Based Credit System
(CBCS) Faculty of Humanities
Under Graduate Program me (U.G.)**

**Curriculum Structure and scheme of Evaluation for B.A. First Year
With effect from 2022-2023**

Political Science

Semester	Paper No.	Title of the paper	period week	Total Period	Credit	Int. Exam. Marks	Ex. Exam Marks	Total Marks
I	C.C. Pol - G - 101 - A	Dsc 1 A Introduction to Indian Constitution	04	60	* 03	40	60	100
** Optional I	C.C. Pol - G - 101 - A	Opt -1 Political Theory -1	04	60	* 03	40	60	100
II	C.C. Pol - G - 201 - B	DSC 1 B Indian Polity	04	60	* 03	40	60	100
** Optional II	C.C. Pol - G - 201 - B	Opt -2 Political Theory -2	04	60	* 03	40	60	100

Public Administration

Semester	Paper No.	Title of the paper	period week	Total Period	Credit	Int. Exam. Marks	Ex. Exam Marks	Total Marks
I	C.C. Pol - G - 101 - A	DSC 2 A Rural Administration of Maharashtra	04	60	* 03	40	60	100
II	C.C. Pol - G - 101 - B	DSC 2 B Urban Administration of Maharashtra	04	60	* 03	40	60	100

**KBC North Maharashtra University
Jalgaon Choice Based Credit System
(CBCS) Faculty of Humanities
Syllabus for F.Y.B.A.
Semester Pattern
(Political Science & Public Administration)**

- **DSC 1 A POL - G - 101 - A -Introduction to Indian Constitution**
DSC 1 B POL - G - 201 – B- Indian Polity
 - **Optional Paper -**
C.C. POL - G - 101 – A- & C.C. POL - G - 201 - B
 - **Political Theory -**
DSC 2 A. PUB - G - 101 - A -Rural Administration of Maharashtra
DSC 2 B PUB - G - 201 – B- Urban Administration of Maharashtra
-

High Lights of the Paper

- **Outcomes -**
This paper deals with major fundamental concepts and dimension in Indian Constitution and political system. It highlights various aspects of political system. This paper would be assets of any kind of educational institutions as well as beneficial to all types of competitive exams.
- **Utility of the course -**
This course will be helpful to learners for understand dynamics within political process action power system in India and across the country.
- **Learning Objective -**
The main purpose of this course is to acquaint the students of Indian political & constitutional process.

KBC N.M.U. JALGAON
CHOICE BASED CREDIT SYSTEM
F.Y.B.A. POLITICAL SCIENCE
DISCIPLINE SPECIFIC CORE COURSE (4)
With form June - 2022
DSC 1 A POL - G - 101 A, Paper I
Introduction to Indian Constitution

Credit: 03

Semester 1

Periods - 60
Marks - 60

Course Rational: - This paper is a basic introduction to the process, concept and working of Indian constitution & its philosophy. India constitution is a social document of everyone. The Indian constitution accommodates conflicting impulses of liberty and justice, territorial decentralization and a strong union for instance within itself. This paper is really useful for learner of every discipline because they should understand basic concepts and specific days which are more important in day to day life. The main purpose of this paper is to perception or getting information of constitutional and political systems of today's perspective.

Course Content	Periods	Marks
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Chapter: 1 Indian Constitution & Federal System: 20 20

- A. Indian Constitution- Meaning, Definition, Historical Background, Making Process, Preamble & Salient features.
- B. Indian Federal System- Meaning, Definition, Nature, Types, Features & Constitutional Provisions of Citizenship.

Chapter: 2 The Aspects of the Indian Constitution: 20 20

- A. Fundamental Rights & Duties : Meaning, Definitions, Scope, Nature, Relevance, National Human Rights Commission(In short), Difference between Rights & Duties.

- B. Directive Principals : Meaning, Definition, Types, Nature and Importance, Differences between Fundamental Rights and Directive Principles.

Chapter: 3 Constitutional Awareness Days and Amendment Process 20 20

- A. Constitutional Awareness Days (Meaning & Objectives) : Independence & Republic Day, National Youth Day (12 Jan), National Voter Day (25 Jan), Social Justice Day (26 June), National Constitution Day (26 Nov), National Human Rights Day (10 Dec).
- B. Amendment Process (Meaning & Provisions)
Latest Major Amendments – 103, 104, 105.

References (For both semesters):

1. **Dr. Bhimrao Ambedkar** **The constitution of India, (Edi. 2011)**
2. **Basu Durga Das** **Introduction to the constitution of India, New Delhi, Print ice - Hall of India**
3. **Ram Joshi** **Marina Pinto, Louis D' Silva, The Indian Constitution and its working. Bombay OrientLongman.**
4. **Phadke Y.D. & S. Srinivas** **The Indian Constitution, Himalayan Publishing Co., Girgaon**
5. **Johari J.C.** **Indian Political System, Anol PublicationsPvt. Ltd., New Delhi**
6. **M.N. Srinivas** **'Social change in Modern India', Bombay,Allied Publishers.**
7. **R. Kothari** **Politics in India, Delhi, Orient Longman,1970**
8. **D.D.Basu** **An Introduction to Indian Constitution, Delhi.**
9. **S. Kothari** **Social Movement and the Redefinition of Democracy, Boulder, Colorado West viewPress, 1993**
10. **J. Donnelly** **The Concept of Human Rights, London,Croom Helm, 1985.**
11. **J. Borwnlie** **Basic Documents of Human Rights, 2nd Edn., Oxford, The Clarendon Press 1992.**
12. **Geol S.R.** **Right to Information and Good Governance.Deep and Deep Publication Pvt Ltd., New Delhi, 2007**
13. **Dr. Manohar T. Patil** **Panchayat Raj, Democracy and Development in India, Chandralok Publication, Kanpur - 21**
14. **Dr. Pramod Pawar** **Indian Constitution Chandralok Publication, Kanpur – 21**
15. **Dr. Sambhaji Patil** **- Local Self Government, Chandralok Publication, Kanpur - 21**
16. **Dr.Bhaskar Bhole** **- Indian Polity,Vidya Pub,Nagpur.**
17. **Dr.V.N.Ingole/V. L.Yarande** **- Indian Polity & Government,Kalpana Pub,Nanded.**
18. **Dr.Pramod Pawar/Vijay Tunte** **- An Introduction to Indian Constitution,Prashant Pub,Jalgaon.**

॥ अंतरी पेटवू ज्ञानज्योत ॥



कवयित्री बहिणाबाई चौधरी
उत्तर महाराष्ट्र विश्वविद्यालय, जलगांव
मानविकी विद्याशाखा

Choice Based Credit System
रूचि आधारित साख पद्धति पाठ्यक्रम

बी. ए. तृतीय वर्ष कला - हिंदी

पंचम एवं षष्ठ सत्र
(V & VI Semester)

(w. e. f. June 2020)

कवयित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विश्वविद्यालय, जलगांव
बी. ए. तृतीय वर्ष कला हिंदी पाठ्यक्रम (CBCS)
रुचि आधारित साख पद्धति
पंचम सत्र (V Semester)

Course Code	Course Type	Title of the Course	Credits	Contact Hours / per semester
MIL III Hindi	Discipline Specific Core Course (DSC)	संपादन लेखन और साहित्य (मुद्रित माध्यम)	03	45
DSC- E (A) Hindi	Discipline Specific Core Course (DSC)	विशेष विधा : यात्रा साहित्य	03	45
	OR			
DSC- E (B) Hindi	Discipline Specific Core Course (DSC)	प्रयोजनमूलक हिंदी	03	45
SEC-III Hindi	Skill Enhancement Course (SEC)	हिंदी व्याकरण तथा अभिव्यक्ति कौशल	02	30
DSE-III (A) Hindi	Discipline Specific Elective Courses (DSE)	हिंदी साहित्य का इतिहास (आदिकाल, भक्तिकाल और रीतिकाल)	03	45
DSE-IV (A) Hindi	Discipline Specific Elective Courses (DSE)	हिंदी भाषा का विकास	03	45
GE-I (A) HINDI	Generic Elective (G.E)	हिंदी की राष्ट्रीय काव्यधारा	03	45

कवयित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विश्वविद्यालय, जलगांव
बी. ए. तृतीय वर्ष कला हिंदी पाठ्यक्रम (CBCS)
रुचि आधारित साख पद्धति
षष्ठ सत्र (VI Semester)

Course Code	Course Type	Title of the Course	Credits	Contact Hours / per semester
MIL IV HINDI	Discipline Specific Core Course (DSC)	हिंदी सिनेमा और साहित्य : (इलेक्ट्रॉनिक माध्यम)	03	45
DSC- F (A) Hindi	Discipline Specific Core Course (DSC)	विशेष विधा : भारतीय संत काव्य	03	45
	OR	वैकल्पिक पाठ्यक्रम		
DSC- F (B) Hindi	Discipline Specific Core Course (DSC)	प्रयोजनमूलक हिंदी	03	45
SEC-IV Hindi	Skill Enhancement Course (SEC)	हिंदी भाषा का मानकीकरण और अशुद्धि शोधन	02	30
DSE-III (B) Hindi	Discipline Specific Elective Courses (DSE)	हिंदी साहित्य का इतिहास (आधुनिक काल)	03	45
DSE-IV (B) Hindi	Discipline Specific Elective Courses (DSE)	भाषा विज्ञान	03	45
GE-I (B) HINDI	Generic Elective (G.E)	खानदेश का लोक साहित्य	03	45

बी. ए. तृतीय वर्ष कला हिंदी - षष्ठ सत्र (VI Semester)

रूचि आधारित (CBCS) पाठ्यक्रम

DSC - F HINDI (A) विशेष विधा : भारतीय संत काव्य

(इस पाठ्यक्रम के विकल्प में छात्र DSC F Hindi (B) इस पाठ्यक्रम का चयन कर सकते हैं।)

❖ पाठ्यक्रम का उद्देश्य :-

- भारतीय संत काव्य का परिचय कराना।
- भारतीय संत काव्य परंपरा का विकासात्मक परिचय करवाना।
- भारतीय संतों के काव्य का अध्ययन कराना।
- भारतीय संत काव्य की विशेषताओं तथा उपलब्धियों का परिचय देना।

पाठ्यक्रम का स्वरूप

इकाई I : भारतीय संत काव्य : सैद्धांतिक विवेचन :-

- 1) भारतीय संत काव्य की परंपरा।
- 2) महिला संत काव्य की परंपरा।
- 3) संत साहित्य की विशेषताएँ।
- 4) समाज के निर्माण में संतों का योगदान।
- 5) संत काव्य की प्रासंगिकता।

इकाई II : हिंदी अध्ययन मंडल द्वारा संपादित पाठ्यग्रन्थ 'भारतीय संत काव्य' में संकलित निम्न संत कवियों का जीवन एवं रचना परिचय, सामाजिक कार्य तथा प्रथम और द्वितीय क्रम पर प्रकाशित दो पद अध्ययनार्थ रखे गए हैं।

- | | | |
|--------------------|---|--------------|
| 1) संत तिरुवल्लुवर | - | तमिलनाडु |
| 2) संत बसवेश्वर | - | कर्नाटक |
| 3) संत नामदेव | - | महाराष्ट्र |
| 4) संत कबीरदास | - | उत्तर प्रदेश |
| 5) संत नरसी महेता | - | गुजरात |
| 6) संत रैदास | - | राजस्थान |

इकाई III : हिंदी अध्ययन मंडल द्वारा संपादित पाठ्यग्रन्थ 'भारतीय संत काव्य' में संकलित निम्न महिला संत कवयित्रियों का जीवन एवं रचना परिचय तथा प्रथम और द्वितीय क्रम पर प्रकाशित दो पद अध्ययनार्थ रखे गए हैं।

- | | |
|------------------------------|--------------|
| 1) संत कवयित्री अण्डाल - | तमिलनाडु |
| 2) संत कवयित्री अक्कमहादेवी- | कर्नाटक |
| 3) संत मीराँबाई | - राजस्थान |
| 4) संत लल्लेश्वरी | - कश्मीर |
| 5) संत मुक्ताबाई | - महाराष्ट्र |
| 6) संत ताजबीबी | - उत्तर भारत |

◆ **पाठ्यक्रम की उपलब्धियाँ :-**

- भारतीय संत काव्य से छात्र परिचित होंगे।
- भारत के विभिन्न राज्यों की संस्कृति, परिवेश तथा परंपराओं का ज्ञान छात्रों को प्राप्त होगा।
- भारत वर्ष के विभिन्न राज्यों के संतों का जीवन परिचय, रचना परिचय तथा संतों द्वारा किए गए सामाजिक कार्यों का ज्ञान छात्रों को प्राप्त होगा।
- पाठ्यग्रन्थ में संकलित संतों तथा संत कवयित्रियों के पद पढ़कर छात्रों के मन में मूल्य संवर्धन तथा संरक्षण की प्रेरणा जगेगी।
- संतों द्वारा किए गए सामाजिक कार्य तथा लिखे गए पदों से छात्र प्रेरित एवं प्रोत्साहित होंगे।

संदर्भ :

- 1) हिंदी के जनपद संत - जगजीवन राम
- 2) भारत की महिला संत - वासंती साळवेकर
- 3) भारतीय नारी संत परंपरा - बलदेव वंशी
- 4) भक्ति के आयाम - डॉ. पी. जयरामन

- 5) कबीर मीमांसा - डॉ. रामचंद्र तिवारी
 - 6) संत साहित्य की आधुनिक अवधारणाएँ - डॉ. सुनील कुलकर्णी
 - 7) भक्तिकाल की प्रासंगिकता - डॉ. संजय शर्मा
 - 8) भक्तिकाल के कालजयी रचनाकार - डॉ. विष्णुदास वैष्णव
 - 9) भारतीय भक्तिसाहित्य में अभिव्यक्त सामाजिक समरसता - डॉ. सुनील कुलकर्णी
 - 10) सामाजिक समरसता के अग्रदृत संत कवि - डॉ. सुनील कुलकर्णी
-



**Kavayitri Bahinabai Chaudhari
North Maharashtra University, Jalgaon.**

**Revised syllabus for
T.Y.B.A
Psychology
Semester System**

**Choice Base Credit System Pattern (CBCS)
For Semester V & Semester VI**

**Syllabus
From June -2020**

Under the Faculty of Humanities

**Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
(NACC Re-accredited 'A' Grade University)**

**T.Y.B.A. PSYCHOLOGY
EQUIVALENT COURSE**

CBCS Pattern

Semester V- New Syllabus From June 2020 (CBCS Pattern)			Semester V- Old Syllabus From June 2015		
Paper No.	Paper Code No.	Name of the Course	Paper No.	Paper Code No.	Name of the Course
DSC-2 E (03)	PSY-351	Management of Interpersonal Relations OR- NIL	G-3	PSY-351(A) PSY-231(B)	Modern Applied Psychology OR Positive Psychology
DSE-3A (03)	PSY- 352	Principles of Experimental Psychology(Theory) OR- NIL	S-3	PSY-352(A) PSY- 352(B)	Research Methodology in Behavioural Sciences OR Behavioural Modification
DSE-4A (03)	PSY- 353	Experimental Psychology (Practical)	S-4		Experimental Psychology Practical (Annual)

OLD Pattern

Semester VI- New Syllabus From June 2020 (CBCS Pattern)			Semester VI- Old Syllabus From June 2015		
Paper No.	Paper Code No.	Name of the Course	Paper No.	Paper Code No.	Name of the Course
DSC-2 F (03)	PSY-361	Adjustment in Life Span OR- NIL	G-3	PSY-361(A) PSY-231(B)	Applied Psychology & Modern Life OR Positive Psychology
DSE-3B (03)	PSY- 362	Experimental Psychology in Modern Life(Theory) OR- NIL	S-3	PSY-362(A) PSY-352(B)	Experimental Psychology & Test Measurement OR Behavioural Modification Assessment & Application
DSE- 4B (03)	PSY- 363	Experimental Psychology (Practical)	S-4	PSY- 363	Experimental Psychology Practical (Annual)

NON- EQUIVALENT COURSE

Skill Enhancement Course	Generic Elective Courses
SEM- V --- SEC-3 (02)	SEM- V--- GEC-1A(03)
PSY- 354 Introduction to Counselling Psychology	PSY-355 Industrial & Organizational Psychology
SEM- VI --- SEC-4 (02)	SEM- VI --- GEC-1A(03)
PSY- 364 Counselling Application	PSY- 365 Industrial & Organizational Behaviour

**Dr. G. B. Chaudhari
Chairman, BOS Psychology
K.B.C.N.M.U., Jalgaon**

K.B.C. North Maharashtra University, Jalgaon

Syllabus for T.Y.B.A. Psychology

[Discipline Specific Core Course- DSC-2E (03)]

SEMESTER- V

Subject- Management of Interpersonal Relations (PSY 351)

Total marks = 60 Theory + 40 Internal

Periods – 60

Credit = 03

Clock Hour Period -45

Objectives:

1. To develop the skills of positive interpersonal communication.
2. To impart an understanding of the various domains of human relationships and process adjustment.
3. To develop the good decision making to career choice.

Unit – I- Interpersonal Communication

[Periods- 20]

- 1.1 The Process of Interpersonal Communication- Components of the Communication Process, Technology and Interpersonal Communication, Communication and Adjustment.
- 1.2 Towards More Effective Communication- Creating a Positive Interpersonal Climate, Conversational Skills, Self-Disclosure, Effective Listening.
- 1.3 Communication Problem- Communication Apprehension, Barriers to Effective Communication.
- 1.4 Interpersonal conflict- Beliefs about Conflict, Types of Conflict, Styles of Managing Conflict, Dealing Constructively with Conflict, Public Communication in an Adversarial Culture.
- 1.5 Developing an Assertive communication style- The Nature of Assertiveness, Steps in Assertiveness Training.

Unit- II -Friendship, Love, Marriage and Intimate Relationship

[Periods- 22]

- 2.1 Perspectives on Close Relationships- The Ingredients of Close Relationships, Culture and Relationships, the Internet and Relationships. Initial Attraction and Relationship Development- Initial Encounters, Getting Acquainted, Established Relationships.
- 2.2 Romantic Love- Sexual Orientation and Love, **Gender Differences Regarding Love**, Theories of Love The Course of Romantic Love. Overcoming loneliness- The Nature of Loneliness, Prevalence of Loneliness, the Roots of Loneliness, Correlates of Loneliness, Conquering Loneliness.
- 2.3 Challenges to the Traditional Model of Marriage, Moving Toward Marriage- The Motivation to Marry, Selecting a Mate, Predictors of Marital Success.

- 2.4 Marital Adjustment across the Family Life cycle- Between Families: The Unattached Young Adult, Joining Together: The Newly Married Couple, Family with Young Children, Family with Adolescent Children, Launching Children into the Adult World, the Family in Later Life.
- Vulnerable Areas in Marital Adjustment- Gaps in Role Expectations, Work and Career Issues, Financial Difficulties, Inadequate Communication. Divorce- Increasing Rate of Divorce, Deciding on a Divorce, Adjusting to Divorce, Effects of Divorce on Children, Remarriage.
- 2.5 Application Understanding Intimate Violence- Date Rape, Partner Abuse.

Unit – III- Career and Work

[Periods- 18]

- 3.1 Choosing a career- Examining Personal Characteristics and Family Influences, Researching Job Characteristics, Using Psychological Tests for Career Decisions, Taking Important Consideration into Account.
- 3.2 Models of career choice and Development - Holland's Trait Measurement and Matching Model, Super's Developmental Model, Women's Career Development.
- 3.3 Coping with occupational Hazards- Job Stress, Sexual Harassment, Unemployment.
- 3.4 Balancing (Work and Other Spheres of Life)- Workaholism, Work and Family Roles, Leisure and Recreation.
- 3.5 Application Getting Ahead in the Job Game -Putting Together A Résumé, Finding Companies You Want to Work For, Landing an Interview, Polishing Your Interview Technique.

Examination Pattern

Internal Examination: - 40 Marks (College Level)

Internal -I	Internal -II	Attendance& Performance	Total
15	15	10	40

External Examination: - 60 Marks (University Level)

Books for Reading

Berk L.E.(2007) Development Through Life Span,3rd Edition, Pearson Education.
Labhane C. P; Sontakke J. P; and Savdekar S. V (2015) Positive Psychology, Prasant Publication.

Weiten W; and Lloyd M.A(2006) Psychology Applied to Modern Life: Adjustment in the 21st Century, Eighth Edition, Thomson Wadsworth Publication.

सावदेकर एस. व्ही आणि दांडगे एम. आर. (२०१९) २१व्या शतकातील समायोजन मानसशास्त्र, ज्ञानपत्र प्रकाशन.

Kavayitri Bahinabai Chaudhari
North Maharashtra University, Jalgaon



Syllabus

T.Y.B.Sc.

Subject: Chemistry

Choice Based Credit System

With Effect from June -2020

As Per U.G.C. Guidelines

Prepared By

Board of Studies

Chemistry,

Kavayitri Bahinabai Chaudhari

North Maharashtra University, Jalgaon



Syllabus

Class- T.Y.B.Sc. Subject- Chemistry

Choice Based Credit System (CBCS) (60-40) Pattern

with effect from June-2020

Structure of Curriculum of T.Y.B.Sc. (Chemistry)

Semester – V

Course Type	Course code	Course Title	Credits	Hours per week	Teaching Hours
Core I	CH – 501	Principles of Physical Chemistry-I	3	3	45
Core II	CH – 502	Inorganic Chemistry	3	3	45
Core III	CH – 503	Organic Reaction Mechanism	3	3	45
Core IV	CH – 504	Industrial Chemistry	3	3	45
Skill Enhancement (SEC)	CH – 505	Analytical Instrumentation	3	3	45
Elective	CH – 506 (A)	Biochemistry	3	3	45
(Any One)	CH – 506 (B)	Green Chemistry	3	3	45
Core course (Practical)	CH – 507	Physical Chemistry Practical	2	4 (Per Batch)	60
	CH – 508	Inorganic Chemistry Practical	2	4 (Per Batch)	60
	CH – 509	Organic Chemistry Practical	2	4 (Per Batch)	60
Non-Credit Audit Course (Any One)	AC-510	NSS	No Credit	2- Batches	60
	AC-511	NCC		2- Batches	60
	AC-512	Sports		2- Batches	60

Note:

1. Each lecture is of one hour (60 Minutes) duration.
2. Each theory paper has three lectures per week.
3. Each practical course has four lectures per week.
4. An industrial study tour is compulsory for the T.Y.B.Sc. Students. The students should submit their tour reports at the time of practical examination of VIth Semester.

Semester V

Elective Course

CH-506(B)

Subject- Green Chemistry

(Theory: Lectures = 45 hrs, Marks 60)

(Credits: 03)

Course Objectives:

- There is rising concern since 1970 about environmental pollution, depleting resources, climate change, ozone depletion, legislation which is getting stringent with strict environmental laws, rising cost of waste deposits, health concern and so on.
- We are facing the challenge to work towards sustainable development. Since 1990, today's society is moving towards becoming more and more environmentally conscious.
- Green chemistry has been introduced in 1990 for overall sustainable development against the environmental concerns.
- Green chemistry is not a new branch of chemistry, but it is a new way of chemistry, which should be practiced regularly.
- Innovations and applications of green chemistry in education has helped companies not only to gain environmental benefits but at the same time to achieve economic and societal goals also.
- This is possible because these undergraduate students are ultimate scientific community of tomorrow.

Learning Outcomes:

- With this course, the graduate students will be able to understand the twelve principles of green chemistry that will help to build the basic understanding of toxicity, hazards and risk of chemical substances.
- The course will help to understand stoichiometric calculations and relate them to green chemistry metrics. The students will learn about atom economy and understand its importance over percentage yield.

- The students will learn to design safer chemicals, products and processes that are less toxic than the conventional chemistry, understand significance of catalysis, use of renewable feed stock, renewable energy sources, importance of green solvents, etc.
- The course will train the students to appreciate green chemistry and boost the students to think and develop the skills to innovate and search for the solutions to environmental problems.
- Green chemistry is only way of future chemistry to ensure sustainability with absolute zero waste. The success stories and real-world cases will motivate the young generation to practice green chemistry.

UNIT 1. Introduction to Green Chemistry

(L-04, M-04)

Definition of Green Chemistry. Drawbacks of conventional chemistry. Need of Green Chemistry, Minamata Disease. Goals of Green Chemistry

Ref:1 Relevant Pages

Ref:6 Relevant Pages

UNIT 2. Principles of Green Chemistry and Designing a Chemical Synthesis (L-12, M-18)

Twelve principles of Green Chemistry, role of Paul T. Anastas, importance of green chemistry with examples: Prevention of waste/by-products, Atom economy, Prevention or Minimization of hazardous products, Designing safer chemicals, Energy requirements for synthesis, Selection of suitable solvents, Selection of starting materials, Use of protecting groups, Use of catalysts, Designing of biodegradable products, Prevention of chemical accidents, Strengthening of analytical techniques, industrial safety.

Ref:1 Relevant Pages

Ref:2 Relevant Pages

UNIT 3. Techniques in Green Chemistry

(L-12, M-16)

- a) Microwave assisted synthesis- Introduction and importance, Applications- Esterification, Fries rearrangement, Orthoester Claisen Rearrangement, Diels-Alder Reaction, Hofmann Elimination.
- b) Ultrasound assisted reactions- Introduction and importance, Application- Esterification, saponification, aromatic substitution reactions, alkylation, oxidation, reduction.

Ref:1 Relevant Pages

Ref:3 Relevant Pages

UNIT 4. Solvents, Reagents and Catalysts in Green Chemistry

(L-14, M-18)

- a) Solvents- Introduction and Importance, Examples-Michael Addition in water, Bis-indolyl methane in ionic liquid, tetrazole synthesis in deep eutectic solvent.
- b) Reagents- Introduction and Importance, Examples- Alkylation using dimethyl carbonate, Solid phase peptide synthesis using Merrifield reagent.
- c) Catalysts- Introduction and Importance, Examples- Reduction of carbonyl group using Baker's yeast, Esterification using Lipase enzyme, Zeolite clay and Cyclodextrin.

Ref:1 Relevant Pages

Ref 2: Relevant Pages

UNIT 5. Future Trends in Green Chemistry

(L-03, M-04)

Biomimetic, Photochemical reactions, Multifunctional Reagents, Green chemistry in sustainable development.

Ref:1 Relevant Pages

Ref 3: Relevant Pages

Ref 5: Relevant Pages

Reference Books:

1. *New Trends in Green Chemistry*, V.K. Ahluwalia and M.R. Kidwai: Anamalaya Publishers (2005).
2. *Green Chemistry- Theory and Practical*, P.T. Anastas and J.K. Warner: Oxford University Press (1998).
3. *Introduction to Green Chemistry*, A. S. Matlack: Marcel Dekker (2001).
4. *Real-World Cases in Green Chemistry*, M.C. Cann & M.E. Connely: American Chemical Society, Washington (2000).
5. *Introduction to Green Chemistry*, M. A. Ryan & M. Tinniesand, American Chemical Society, Washington, (2002).
6. *Silent Spring*, Rachel Carson, Houghton Mifflin Company, (1962).

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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon



Choice Based Credit System (CBCS)

Syllabus for T.Y.B. A. (Geography)

(Under the Faculty of Science and Technology)

(Since 2020-2021)

Details of CBCS Structure for T.Y.B.A Geography
(With Effect from June 2020)

Subject Code	Semester	Title of Subject	CBCS Structure Code	Credit Point	Total Clock Hours
Gg.351 (G-3)	V	Environmental Geography	DSC 1E	03	45
Gg . 361 (G-3)	VI	Population Geography	DSC 1F	03	45
Gg. 352 (S-3)	V	Economic Geography	DSE 3A	03	45
Gg. 362 (S-3)	VI	Political Geography	DSE 3B	03	45
Gg. 353 (S-4)	V	Practical in Human Geography and Geo-statistics	DSE 4A	03	90
Gg. 363 (S-4)	VI	Practical in Physical Geography	DSE 4B	03	90
Gg. 354 (SEC of Geography)	V	Field Technique and Introduction to Project Report	SEC 3	02	30
Gg. 364 (SEC of Geography)	VI	Geographical Information System	SEC 4	02	30
Gg. 355 (GE of Geography)	V	Disaster Risk Reduction	GE 1A	03	45
Gg.365 (GE of Geography)	VI	Sustainability And Development	GE 1B	03	45

Weightages of Marks	
University Assessment	60
College Assessment	40
Total Marks	100

T.Y.B.A. GEOGRAPHY

Equivalence Courses for T. Y. B. A. Geography

Old Syllabus & Courses (With effect from June - 2018)	New Syllabus CBCS Pattern (With effect from June 2020)
SEM. V - G - 3 - Agricultural Geography SEM. VI - G - 3 Industrial Geography	SEM. V - (DSC 1E) Gg. 351 - Environmental Geography
OR	SEM. VI - (DSC 1F) Gg. 361 - Population Geography
SEM. V - G - 3 - Population Geography SEM. VI - G - 3 - Political Geography	
SEM. V - S - 3 - Environmental Geography SEM. VI - S - 3 - Remote Sensing & GIS	SEM. V - (DSE 3A) Gg. 352 - Economic Geography
OR	SEM. VI - (DSE 3B) Gg. 362 - Political Geography
SEM. V - S - 3 - Geographical Thoughts SEM. VI - S - 3 - Geography of Resources	
SEM. V - S 4 - Practical Geography - Weather Maps, Weather Instruments and Elements of Map Reading	SEM. V - (DSE 4A) Gg. 353 - Practical in Human Geography and Geo-Statistics
SEM. VI - S 4 - Practical Geography - Geo-Statistical Methods	SEM. VI - (DSE 4B) Gg. 363 - Practical in Physical Geography
----	SEM. V - (SEC 3) Gg. 354 - Field Techniques and Introduction to Project Report
	SEM. VI - (SEC 4) Gg. 364 - Geographical Information System
	SEM. V - (GE 1A) Gg. 355 - Disaster Risk Reduction
	SEM. VI - (GE 1B) Gg. 365 - Sustainability and Development

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

New Syllabus (CBCS Pattern) W.E.F June 2020

TYBA Sem.: V

Gg. 351 (DSC 1E) Environmental Geography

Total Marks: 60

Credit Points: 03

Total Clock Hours: 45

Objectives:

1. To create the environmental awareness amongst the students.
2. To acquaint the students with fundamental concepts of Environmental Geography.
3. To aware the students about the processes and patterns in the natural environment.
4. To acquaint the students with potentials of Environmental Geography.
5. To aware the students about use of resources with prudence.
6. To acquaint the students with different environmental policies.

Units	Topic	Sub Topics	Clock Hours
1	Introduction to Environmental Geography	1.1) Introduction to Environment: a) Meaning and Concept b) Environmental Geography: Definitions, Nature and Scope of Environment Geography 1.2) Environmental Approaches : a) Environmental Deterministic Approach b) Possibility Approach c) Ecological Approach	10
2	Ecosystem and Man and Environment Relationship	2.1) Ecosystem: a) Meaning and Concept b) Structure & Components of Ecosystem: i) Abiotic ii) Biotic c) Functions of Ecosystem :i) Nutrient Cycles a) Carbon Cycle b) Nitrogen Cycle i i) Energy Flow a) Food Chain b) Food web 2.2) Human - Environment Relationship : Human life in- i) Equatorial Region ii) Mountainous Region iii) Coastal Region	12

3	Biodiversity and Environmental Problems	<p>3.1) Biodiversity: Definitions and Types / Levels of Biodiversity</p> <p>a) Genetic Diversity b) Species Diversity</p> <p>c) Ecosystem Diversity</p> <p>3.2) Conservation of Biodiversity:</p> <p>In –situ and Ex-situ conservation of biodiversity</p> <p>3.3) Major Environmental Problems: Causes and adverse effects of the following</p> <p>i) Unseasonal rainfall, ii) Thunderstorms</p> <p>iii) Biodiversity losses iv) Solid waste</p> <p>v) Liquid waste and vi) Air Pollution</p> <p>3.4) Environmental Management regarding Pollution Control- a) Air b) Water</p>	12
4	Environmental Policy	<p>4.1) National Environmental Policy (NEP):</p> <p>Introduction and Objective</p> <p>4.2) Initiatives or Actions Regarding Policy:</p> <p>i) Land Degradation</p> <p>ii) Forest and Wildlife Conservation</p> <p>4.3) Environmental Protection Efforts: - Developing and Developed Countries.</p>	11

Unit No.	Weightage of Marks
1	12
2	18
3	18
4	12
University Assessment	60
College Assessment	40

REFERENCES:

- Benny Josheph (2005): Environmental Studies, Tata McGraw-Hill Publishing Company, New Delhi.
- Cunningham
- W.P. and Cunningham M. A. (2003): Principles of Environmental Science: Inquiry and Applications, Tata McGraw Hill Publications, New Delhi. Miller,
- G.T. (2002): Living in the Environment, Books Cole Thomas Learning Inc. U.S.A. Nagor,
- A.P. (1996): Biological Diversity and International Environmental Law, A.P.H Publication, New Delhi. Purohit, Shammi and Agrawal (2012):A Text Book Of Environmental Science, Student Edition, Chopasani Road, Jodhpur
- Saxena, H.M.(2004): Environmental Studies, Rawat Publications, Jaipur.
- Santra S.C (2013): Environmental Science, New Central Book Agency (P) Ltd. Kolkata, West Bengal
- Sharma, P.D. (2004): Ecology and Environment, Rastogi Publications, Shivaji Road, Meerut.
- Singh, Savindra (2001): Environmental Geography, Prayag Pustak Bhavan, Alahabad- 110002.

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

New Syllabus (CBCS Pattern) W.E.F June 2020

TYBA Sem.: VI

Gg. 361 (DSC 1F) Population Geography.

Total Marks: 60

Credit Points: 03

Total Clock Hours: 45

Objectives;

1. Understand the components of population change.
2. Develop skills to use population information in the planning process.
3. Understand the impact of planning activities on population size, composition, and distribution
4. Population is an important resource. The development of any nation depends on human resource. It is a prime deity to acquaint with the human resource of the nation.
5. To understand the recent problems of population in the world as well as nation.

Sr. No.	Topic	Sub Topics	Clock Hours
1	Introduction to Population Geography & Population Data	1.1 Definitions and Meaning of Population Geography 1.2 Nature and Scope of Population Geography. 1.3 a) Need and Types of Population Data b) Sources of Population Data – i) Census ii) National Sample Survey iii) Vital Registration	09
2	Distribution of Population	2.1 Growth of Population in India 1951-2011. 2.2 Distribution of Population – World and India(2011). 2.3 Factors affecting the distribution of Population – a) Physical - i) Topography ii) Climate iii) Water iv) Soil v) Forest b) Socio-Cultural – i) Religion ii) Agriculture iii) Transportation i v) Education v) Government policies	12
3	Composition of Population and Population	3.1 Composition of Population : a) Age Composition (Meaning and Factors affecting age Composition, Age Pyramid) b) Sex Composition in India	12

	Theories	c) Decreasing Sex ratio and its impact d)) Literacy in India (1951 to 2011) 3.2 Population Theories : a) Malthusian Theory of Population Growth b) Demographic Transition Model	
4	Population Problems in India & Population Policy	4.1 Problems of Population in India and Its remedial measures a) Over Population b) Brain Drain c) Excess Urbanization 4.2 National Population Policy in India - 2000	12

Sr. No.	Unit No.	Weightage of Marks
1	1	14
2	2	16
3	3	16
4	4	14
University Assessment		60
College Assessment		40

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- 2) Clarke J.I.(1977):Population Geography and Developing Countries ,Robert Maxwell, MC.
- 3) Masjid Husain (1991) Anmol Publication Ltd. New Delhi
- 4) Mohammad Izhar Hussan : Population Geography. Rawat Publication
- 5) Sawant S.B. and Athawale A.S. (1994) : Population Geography , Mehata Publishing House , Pune
- 6) V.J.Patil And S.V.Dhake : Loksankhya Bhugol (Marathi Medium) , Prashant Publication , Jalgaon
- 7) Ahirro, Alizad and others : Loksankhya Bhugol (Marathi Medium)
- 8) V.T. Gharpure : Loksankhya Bhugol (Marathi Medium) Pimpalapure Publication , Satara.
- 9) T.N. Goplal , Nishikant : LoksankhyaBhugol (Marathi Medium) Prashant Publication, Jalgaon
- 10) A.B.Sawadi : Loksankhya Bhugol (Marathi Medium) The Savadis Mega Geographical Series

**Kavayitri Bahinabai Chaudhari
North Maharashtra University,
Jalgaon**



**S. Y. B.A
(Semester III & IV)
Syllabus of Geography
(Under the Faculty of Science)**

Choice Based Credit System (CBCS)

With effect from June-2019

Structure of S.Y.B.A. under CBCS pattern- Geography w.e.f. June-2019

Semester	Discipline Specific Core Courses DSC	Ability Enhancement Compulsory Course AEC	Skill Enhancement Course SEC	Discipline Specific Elective Courses DSE	Generic Grade GE
III Credits: 18 (07 Papers)	Compulsory English (Credits 03) MIL 1 (Credits 03) DSC1 C (Credits 02)** DSC 2 C (Credits 02)**	-----	SEC 1 (Credits 02)	DSE 1 A (Credits 03) DSE 2 A (Credits 03)	-----
IV Credits: 20 (08 Papers)	Compulsory English (Credits 03) MIL 2 (Credits 03) DSC 1 D (Credits 02)** DSC 2 D (Credits 02)** DSC3 D (Credits 02)*	-----	SEC 2 (Credits 02)	DSE 1 B (Credits 03) DSE 2 B (Credits 03)	-----

Gg. 231 (DSC) Sem. III General Cartography (DSC1 C)

Gg. 241 (DSC) Sem. IV Human Geography (DSC1 D)

Gg. 232 (DSE 1 A) Sem. III Geography of Tourism

Gg. 242 (DSE 1 B) Sem. IV Geography of India

Gg. 233 (DSE 2 A) Sem. III Practical Geography (Scale and Map Projection)

Gg. 243 (DSE 2 B) Sem. IV Practical Geography (Surveying)

Gg. 234 (SEC 1) Sem. III Regional Planning and Development

Gg. 244 (SEC 2) Sem. IV Remote Sensing and GPS Based Project Report

Gg. 245 (DSC 3 D) Sem. IV Minor Study Project

In semester IV, DSC 3 D will be Minor Study Project of DSE 1 B and 2 B (Papers of Special Subject)

* In Sem. IV, DSC 3D will be Minor Study Project of DSE 1 B & 2 B (Papers of specific subject)

** For all other DSC Papers there will be 01 Credit for Practical. (01 Credits of Practical= 02 Hours)

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Under Faculty of Science and Technology

S.Y.B.A. SEMESTER- IV

New Syllabus (CBCS Pattern)

(with effect from: June 2019)

DSC-D (Gg. 241): HUMAN GEOGRAPHY

Total Credits – 2

Total Clock Hours – 45

Internal Marks - 40

External Marks – 60

Unit No.	Unit	Sub Unit	Hours	Marks
1	Practical Component	<p>Practical Component</p> <p><i>(Every candidate shall complete the 04 practicals prescribed in the practical component or candidates also perform any practical apart from following practicals from practical component related to concerned course based on regional requirement or importance with the prior permission of course teacher. (Overall 04 practicals must be performed)</i></p> <ol style="list-style-type: none"> 1. Calculate child women ratio of the District/Tahsil/Village. 2. Age Sex pyramid 3. Dependency ratio 4. Population growth rate 5. Density of population 6. Fertility rate 7. Mortality rate 8. Study of settlement of any region (Size, Location, Work etc.) 9. Study of health facilities of tribal people 10. Study of mode of life of local tribes 11. Distribution of population 12. Occupational structure 13. Educational structure 14. Socio-economic condition of local area 15. Economic status according to income 	30	
2	Introduction to Human Geography	<ol style="list-style-type: none"> 1. Definitions, Nature and Scope of Human Geography. 2. Branches of Human Geography 3. Determinism and Possibilism 4. Stop and Go Determinism 	05	15
3	The Race of Mankind, Religion and Language	<ol style="list-style-type: none"> 1. Meaning and definition of race 2. Physical basis of racial groups 3. Classification of World Races (Caucasoid, Mongoloid, Negroid, Australoid) 4. Ethnic groups in India. 5. Major religion in the world and their distribution 6. Major languages in India (Hindi, Marathi, Gujrathi and Tamil) 	05	25

4	Population and Settlement	<p>A) Population:</p> <ol style="list-style-type: none"> 1. Factors affecting population distribution 2. Distribution of population and growth of Population: Global and National <p>B) Settlement:</p> <ol style="list-style-type: none"> 1. Definitions of Rural and Urban Settlement 2. Types of Settlements: Rural & Urban 3. Process of Urbanization 4. Patterns of Rural Settlement. 	05	20
Total			45	60

Instructions:

1. Nature of Practical Exam. (Internal Practical Test Exam):-

Practical Exam is of 40 marks (Internal Exam) in each semester. ---

A. Submission of Practical journal = 20 Marks (Each Practical 05 Marks $(4 \times 5 = 20)$)

B. Oral Exam (at semester end) = 15 Marks

C. Attendance & Behavior = 05 Marks

Total = 40 Marks

2. Every candidate shall complete the 04 practicals entering these practicals in the laboratory journal, which shall be produced at the time of Internal test exam along with the certificate sign by course teacher, head of the department and Principal of the concern college.
3. Practical examination (Internal Test Exam) is to be conducted at the end of the semester prior to the 15 days before theory exam.
4. U.A. Question Paper should be based on Unit No. II, III and IV only.

University Assessment (U.A.)	60
College Assessment (C.A.) (Internal Practical Test Exam)	40

Reference Books:

1. Barrett H. R., 1995: Population Geography, Oliver and Boyd.
2. Carter Harold (1977): The study of Urban Geography
3. Clarke, J.I. (1992): Population Geography, Pergamon Press, Oxford.
4. Hans Raj (1978): Fundamentals of Demography
5. Hornby, F. William and Jones, M. (1987): An Introduction to Population Geography, Cambridge University Press, Cambridge.
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10. Pollard A. H. and Farhat Yusu: Demographic Techniques
11. Singh, R. L. Reading in Rural Settlement Geography
12. Yeats, M. H. (1974). An introduction to Quantitative Analysis in Human Geography.
13. ए. के. खातीब., मानवी भूगोल,
14. डॉ. व्ही. जे. पाटील आणि डॉ. आर. व्ही. भोळे, मानवी व आर्थिक भूगोल,
15. डॉ. नामदेव नरसिंगराव गजरे - मानवी भूगोल, प्रशांत पब्लिकेशन, जळगाव
16. Bhaise S. D. and Mhaski D. A – Loksankhya Bhugol (Marathi Medium) : Atharva Publication, Jalgaon
17. Bhaise S. D. and Mhaski D. A – Medical Geography (Marathi Medium) : Atharva Publication, Jalgaon



Kavayitri Bahinabai Chaudhari
NORTH MAHARASHTRA UNIVERSITY,
JALGAON
Syllabus for S.Y.B.A.(CBCS)

SEMESTER PATTERN

ENGLISH
(Special and Compulsory)

(with effect from 2019-20)

List of Equivalences-

Sem. III

Sem.	Old structure	New Structure (CBCS)
III	Compulsory English	Compulsory English
	Special Paper S-1	DSE 1 A
	Special Paper S-2	DSE 2 A
	General Paper G- 2	DSC 1 C (General paper of Special English)
	Optional subjects	SEC 1 – Skill based paper
	Optional subjects	

Sem. IV

Sem.	Old structure	New Structure (CBCS)
IV	Compulsory English	Compulsory English
	Special Paper S- 1	DSE 1 B
	Special paper S-2	DSE 2 B
	General Paper G-2	DSC 1 D (General Paper of Special English)
	Optional	DSC 3 D (Minor study Project of Subject opted in DSE 1&2 papers of special subject)
		SEC 2 Skill based paper

S.Y.B.A. Compulsory English

Text- English for Humanities

External – 60 marks

Internal- 40 marks

Semester-III-

Credits -03 (45 clock hours)

Unit 1 – Literature

I) Short Stories:

1. The Lady or a Tiger?: Frank R. Stockton
2. Kabuliwala: Rabindranath Tagore

II) Essays:

1. Spoken English, Broken English: G. B. Shaw
2. Modern Improvements: John Ruskin

III) Poems:

1. A Red Red Rose: Robert Burns
2. All the world's a Stage: William Shakespeare

Unit 2 - Word Formation

1. Affixation
2. Compound Words

Unit 3 - Skills in writing

1. SMS
2. E-Mail
3. Net Lingo

Unit 1 - Literature

I) Short Stories:

1. Salt Inspector: Premchand
2. All About a Dog: A. G. Gardiner

II) Essays:

1. The Power of Prayer: A. P. J. Abdul Kalam
2. Values in Life: Rudyard Kipling

III) Poems:

1. Stopping by Woods On a Snowy Evening: Robert Frost
2. Ozymandias: P. B. Shelley

Unit 2 - Grammar

1. Sentences: Kinds and Functions
2. Clauses (Noun Clause, Adverbial Clause)

Unit 3 - Communication Skills

1. Situational Dialogues
2. Small News Writing
3. Information Transfer: Non-verbal, Verbal



॥ अंतरी पेटवू ज्ञानज्योत ॥

कवयित्री बहिनाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ, जळगाव

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

अभ्यास मंडळ विभाग

जा.क्र. : उमवि/२१/Environmental Studies/५२७/२०१८

दिनांक: - २२/११/२०१८

प्रति,

क.ब.चौ.उमविशी संलान सर्व महाविद्यालयांचे मा.प्राचार्य
व मान्यता प्राप्त परिसंस्थांचे मा. संचालक आणि
मा.विभाग प्रमुख विद्यापीठ शैक्षणिक प्रशाळा / विभाग यांना...

विषय : - Environmental Studies या विषयाचे अभ्यासक्रम संदर्भात.

महोदय / महोदया,

उपरोक्त विषयांस अनुसरुन आपणांस कळविण्यात येते की, मा.सर्वोच्च न्यायालयाचे निर्णयानुसार पर्यावरण संतुलन राखण्यासाठी प्रथम वर्षास प्रवेशित विद्यार्थ्यांसाठी सहा महिन्यांचा पर्यावरणशास्त्र विषयाचा अभ्यासक्रम जून, २००४ पासून सर्व विद्याशाखांमध्ये समाविष्ट करण्यात आलेला आहे.

शैक्षणिक वर्ष २०१८-१९ पासून प्रथम वर्ष कला विज्ञान व वाणिज्य वर्गांना Choice Based Credit System लागू करण्यात आलेली असल्याने Environmental Studies या विषयाचा अभ्यासक्रम Ability Enhancement Course अंतर्गत Choice Based Credit System प्रमाणे तथार करणेसाठी नियुक्त समितीच्या सभेत Environmental Studies विषयाच्या गुणांची विभागणी (Marks Pattern) देखील ६०:४० प्रमाणे करण्यात यावी, व गुणांकन (Marks Pattern) पुढील प्रमाणे करण्यात यावे, असे ठरले आहे.

लेखी परीक्षा (Theory)	६० गुण
अंतर्गत (Internal) परीक्षा फिल्ड वर्क /व्हायवा	४० गुण
एकूण	१०० गुण

अंतर्गत ४० गुणांची विभागणी पुढील प्रमाणे करण्यात यावी.

उपस्थिती (Attendance)	०५ गुण
वर्तणूक (Behaviour)	०५ गुण
व्हायवा (Viva-voce)	१० गुण
फिल्ड वर्क (Report of field Work)	२० गुण

४० गुण

त्याअनुषंगाने Environmental Studies या विषयाचा अभ्यासक्रम विद्यापीठ अनुदान आयोगाने दिलेला असून तो जसाचे तसा लागू करण्यात आलेला असल्याने अभ्यासक्रमात बदल न करता अभ्यासक्रम तोच ठेवण्यात आला आहे. सदरचा अभ्यासक्रम उमविच्या संकेत स्थळावर अपलोड करण्यात आला आहे. तरी वरील आशय सर्व संबंधित प्राध्यापक व विद्यार्थी यांचे निर्दर्शनास आणून देवून पुढील योग्य ती कार्यवाही करून विद्यापीठास सहकार्य करावे, ही विनंती.

म.कलावे,

आपला विश्वास,



(ए.सी.मनेरे)

उपकुलसचिव

अभ्यास मंडळ विभाग

**Six Months Module Syllabus
for
Environmental Studies
for
Under Graduate Courses**



**UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI- 110 002**

2003

CORE MODULE SYLLABUS FOR ENVIRONMENTAL STUDIES
FOR UNDER GRADUATE COURSES OF ALL BRANCHES
OF HIGHER EDUCATION

Vision

The importance of environmental science and environmental studies cannot be disputed. The need for sustainable development is a key to the future of mankind. Continuing problems of pollution, loss of forest, solid waste disposal, degradation of environment, issues like economic productivity and national security, Global warming, the depletion of ozone layer and loss of biodiversity have made everyone aware of environmental issues. The United Nations Conference on Environment and Development held in Rio de Janeiro in 1992 and World Summit on Sustainable Development at Johannesburg in 2002 have drawn the attention of people around the globe to the deteriorating condition of our environment. It is clear that no citizen of the earth can afford to be ignorant of environment issues. Environmental management has captured the attention of health care managers. Managing environmental hazards has become very important.

Human beings have been interested in ecology since the beginning of civilization. Even our ancient scriptures have emphasized about practices and values of environmental conservation. It is now even more critical than ever before for mankind as a whole to have a clear understanding of environmental concerns and to follow sustainable development practices.

India is rich in biodiversity which provides various resources for people. It is also basis for biotechnology.

Only about 1.7 million living organisms have been described and named globally. Still many more remain to be identified and described. Attempts are made to

conserve them in ex-situ and in-situ situations. Intellectual property rights (IPRs) have become important in a biodiversity-rich country like India to protect microbes, plants and animals that have useful genetic properties. Destruction of habitats, over-use of energy resource and environmental pollution have been found to be responsible for the loss of a large number of life-forms. It is feared that a large proportion of life on earth may get wiped out in the near future.

Inspite of the deteriorating status of the environment, study of environment have so far not received adequate attention in our academic programmes. Recognizing this, the Hon'ble Supreme Court directed the UGC to introduce a basic course on environment at every level in college education. Accordingly, the matter was considered by UGC and it was decided that a six months compulsory core module course in environmental studies may be prepared and compulsorily implemented in all the University/Colleges of India.

The experts committee appointed by the UGC has looked into all the pertinent questions, issues and other relevant matters. This was followed by framing of the core module syllabus for environmental studies for undergraduate courses of all branches of Higher Education. We are deeply conscious that there are bound to be gaps between the ideal and real. Geniune endeavour is required to minimize the gaps by intellectual and material inputs. The success of this course will depend on the initiative and drive of the teachers and the receptive students.

SYLLABUS

Unit 1 : Multidisciplinary nature of environmental studies

Definition, scope and importance

(2 lectures)

Need for public awareness

Unit 2 : Natural Resources :

Renewable and non-renewable resources :

Natural resources and associated problems.

- a) Forest resources : Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.
 - b) Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
 - c) Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
 - d) Food resources : World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.
 - e) Energy resources : Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. Case studies.
 - f) Land resources : Land as a resource, land degradation, man induced landslides, soil erosion and desertification.
- Role of an individual in conservation of natural resources.
 - Equitable use of resources for sustainable lifestyles.

(8 lectures)

Unit 3 : Ecosystems

- Concept of an ecosystem.

- Structure and function of an ecosystem.
- Producers, consumers and decomposers.
- Energy flow in the ecosystem.
- Ecological succession.
- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the following ecosystem :-
 - a. Forest ecosystem
 - b. Grassland ecosystem
 - c. Desert ecosystem
 - d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(6 lectures)

Unit 4 : Biodiversity and its conservation

- Introduction – Definition : genetic, species and ecosystem diversity.
- Biogeographical classification of India
- Value of biodiversity : consumptive use, productive use, social, ethical, aesthetic and option values
- Biodiversity at global, National and local levels.
- India as a mega-diversity nation

- Hot-spots of biodiversity.
- Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts.
- Endangered and endemic species of India
- Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.

(8 lectures)

Unit 5 : Environmental Pollution

Definition

- Cause, effects and control measures of :-

- a. Air pollution
- b. Water pollution
- c. Soil pollution
- d. Marine pollution
- e. Noise pollution
- f. Thermal pollution
- g. Nuclear hazards

- Solid waste Management : Causes, effects and control measures of urban and industrial wastes.

- Role of an individual in prevention of pollution.

- Pollution case studies.

- Disaster management : floods, earthquake, cyclone and landslides.

(8 lectures)

Unit 6 : Social Issues and the Environment

- From Unsustainable to Sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns. Case Studies
- Environmental ethics : Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case Studies.
- Wasteland reclamation.
- Consumerism and waste products.
- Environment Protection Act,
- Air (Prevention and Control of Pollution) Act.
- Water (Prevention and control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation.
- Public awareness.

(7 lectures)

Unit 7 : Human Population and the Environment

- Population growth, variation among nations.
- Population explosion – Family Welfare Programme.

- Environment and human health.
- Human Rights.
- Value Education.
- HIV/AIDS.
- Women and Child Welfare.
- Role of Information Technology in Environment and human health.
- Case Studies.

(6 lectures)

Unit 8 : Field work

- Visit to a local area to document environmental assets-
river/forest/grassland/hill/mountain
- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural
- Study of common plants, insects, birds.
- Study of simple ecosystems-pond, river, hill slopes, etc. (Field work Equal to 5
lecture hours)

SIX MONTHS COMPULSORY CORE MODULE COURSE IN
ENVIRONMENTAL STUDIES : FOR UNDERGRADUATES

Teaching Methodologies

The core Moudle Syllabus for Environment Studies includes class room teaching and Field Work. The syllabus is divided into eight units covering 50 lectures. The first seven units will cover 45 lectures which are class room based to enhance knowledge skills and attitude to environment. Unit eight is based on field activites which will be covered in five lecture hours and would provide student first hand knowledge on varios local environmental aspects. Field experience is one of the most effective learning tools for environmental concerns. This moves out of the scope of the text book mode of teaching into the realm of real learning in the field, where the teacher merely acts as a catalyst to interpret what the student observes or discovers in his/her own environment. Field studies are as essential as class work and form an irreplaceable synergistic tool in the entire learning process.

Course material provided by UGC for class room teaching and field activities be utilized.

The universities/colleges can also draw upon expertise of outside resource persons for teaching purpose.

Environmental Core Module shall be integrated into the teaching programmes of all undergraduate courses.

Annual System : The duration of the course will be 50 lectures. The exam will be conducted along with the Annual Examination.

Semester System : The Environment course of 50 lectures will be conducted in the second semester and the examination shall be conducted at the end of the second semester.

Credit System : The course will be awarded 4 credits.

Exam Pattern : In case of awarding the marks, the question paper should carry 100 marks. The structure of the question paper being :

Part-A, Short answer pattern	-	20 marks
Part-B, Essay type with inbuilt choice	-	40 marks
Part-C, Field Work	-	40 marks

REFERENCE

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- b) Bharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad – 380 013, India, Email:mapin@icenet.net (R)
- c) Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480p
- d) Clark R.S., Marine Pollution, Clanderson Press Oxford (TB)
- e) Cunningham, W.P. Cooper, T.H. Gorhani, E & Hepworth, M.T. 2001, Environmental Encyclopedia, Jaico Publ. House, Mumabai, 1196p
- f) De A.K., Environmental Chemistry, Wiley Eastern Ltd.
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- h) Gleick, H.P. 1993. Water in crisis, Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute Oxford Univ. Press. 473p
- i) Hawkins R.E., Encyclopedia of Indian Natural History, Bombay Natural History Society, Bombay (R)
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- l) Mckinney, M.L. & School, R.M. 1996. Environmental Science systems & Solutions, Web enhanced edition. 639p.
- m) Mhaskar A.K., Matter Hazardous, Techno-Science Publication (TB)
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