

JANATA SHIKSHAN MANDAL'S

Smt. Indirabai G. Kulkarni Arts College, J. B. Sawant Science College and
Sau. Janakibai D. Kunte Commerce College Alibag-402201, Raigad (Maharashtra)
(J. S. M. College Alibag-Raigad)

**List Of Subjects Integrating Crosscutting Issues Relevant to Professional
Ethics, Gender, Human Values, Environment**

ACADEMIC YEAR 2023-24

Sr. No.	Name of the subject
1	English
2	Hindi
3	Marathi
4	Economics
5	Geography
6	Botany
7	Zoology
8	BMS





University of Mumbai

Syllabus for F.Y.B.A

Program: B.A.

Course: Communication Skills in English (Core Paper)

(Choice Based Credit System with effect from the academic year 2021-2022)

Board of Studies in English

Dr. Sudhir Nikam (Chairperson)

Dr. Rajesh Karankal (Member)

Dr. Santosh Rathod (Member)

Dr. Bhagyashree Varma (Member)

Dr. Deepa Mishra (Member)

Dr. B. N. Gaikwad (Member)

Dr. Dattaguru Joshi (Member)

Dr. Satyawan Hanegave (Member)

Dr. Deepa Murdeshwar-Katre (Member)

Syllabus Sub-Committee

Dr. Deepa Murdeshwar-Katre (Convener)	:	Department of English, Vartak College, Vasai Road, Dist Palghar
Dr. Susmita Dey (Member)	:	Department of English and Research Centre (Retd.), V. G. Vaze College, Mumbai
Dr. Sachin Labade (Member)	:	Department of English, University of Mumbai
Mr. Vinodsinh Patil (Member)	:	Department of English, Arts & Commerce College, Phondaghat, Dist.Sindhudurg
Ms Gayatri Gadgil (Member)	:	Department of English, D. G. Ruparel College of Arts, Science and Commerce, Mahim, Mumbai
Mrs. Shanti Polamuri (Member)	:	Department of English, Maharashtra College of Arts, Science and Commerce, Mumbai
Mr. Sanjay Kalekar (Member)	:	Department of English, DRT's A. E. Kalsekar Degree College, Kausa, Thane
Mr. Rameshwar Solanke (Member)	:	Department of English, Khare Dhere - Bhosale College, Guhagar, Dist.Ratnagiri
Dr. S. Vishnu Priya (Member)	:	Department of ELT, SDE, EFLU, Hyderabad.

Course: Communication Skills in English

(80:20 Marks Examination Pattern)

(Choice Based Credit System with effect from the academic year 2021-22)

1. Syllabus as per Credit Based Semester and Grading System:		
i)	Name of the Programme	: B.A.
ii)	Course Code	: UACS 101 & UACS 201
iii)	Course Titles	: Communication Skills in English
iv)	Semester-wise Course Content	: Enclosed the copy of syllabus
v)	References and Additional References:	Enclosed in the Syllabus
vi)	Credit Structure	: No. of Credits per Semester – 02
vii)	No. of lectures per Unit	: 15
viii)	No. of lectures per week	: 03 lectures + 01 tutorial
2.	Scheme of Examination	: Written Exam: 4 Questions of 20 Marks each Internal Assessment: 20 marks
3.	Special notes, if any	: No
4.	Eligibility, if any	: No
5.	Fee Structure	: As per University Structure
6.	Special Ordinances / Resolutions if any	: No

Revised Syllabus for FYBA

Communication Skills in English Paper I and Paper II

To be implemented from 2021-22 (80:20 Marks Examination Pattern)

Preamble:

The English language is the dominant medium through which one can connect to the global community. It is, therefore, vital that all learners acquire adequate skills in this language. Communication Skills in English is a core course wherein the first year learners are guided to acquire the four skills of communication viz., Listening, Speaking, Reading and Writing.

The focus of the syllabus is on building confidence in the learners in applying these skills while using the English language both academically and socially. Keeping this in mind, the units will have a multi-pronged approach. The course is graded from basic to higher levels of learning so as to help learners gradually acquire the skills. The 80:20 pattern will also help in accomplishing this goal. The tutorial activities are designed to focus on oral skill development, while the lectures are aimed at honing their cognitive, analytical, linguistic and creative skills.

It is hoped that by the end of the academic year, the learners will have developed confidence in using the English language both for oral and written communication as well as develop interest in enhancing these skills later on.

Objectives:

1. To enhance English language proficiency of students by familiarizing them with the skills of Listening, Speaking, Reading and Writing (LSRW)
2. To introduce learners to different perspectives of looking at a text or passage
3. To equip learners in the functional aspects of English so that they use the acquired language skills correctly and confidently
4. To guide learners in the effective use of the digital medium of communication.

Outcomes:

1. The learners will learn to understand and interpret any text they are reading from different perspectives
2. The interest of learners in listening to and watching good quality audio and visual media will be aroused.
3. Learners will acquire proficiency in the skills of listening, speaking, reading and writing that will help them meet the challenges of the world.
4. The learners will develop good oral and written skills of communication in the English language.

Periods: 45 lectures + 15 Tutorials (3 lectures + 1 tutorial per week per batch) per semester

All passages, stories, articles, poems selected should help the learners develop different communication skills. Learning through example and practice with a theoretical base is the intention.

Semester I

Communication Skills in English Paper I

Course Content

Unit 1: Introduction to Communication Skills

No. of lectures: 08

English as an international language and varieties of English

1. Significance and ways of effective communication in English
2. Listening for academic and professional development
3. Formal and informal communication in spoken English
4. Reading for different purposes
5. Features of effective writing skills
6. Study skills in English

This unit shall work as theoretical base for the following units that are practical in nature.

Unit 2: Developing Comprehension Skills in English

No. of lectures: 12

A. Reading Skills

1. Scanning a text for information
2. Skimming a passage to look for main ideas, understanding text type
3. Guessing meaning of an expression (word/phrase/clause)
4. Building inference skills
5. Understanding language structure (such as subject verb agreement, voice, direct and reported speech)
6. Note making
7. Summarizing

Passages from fables, folk stories, short stories, non-fiction, history, business or environment, of around 250- 300 words, could be chosen in this unit.

b. Listening Skills

1. Listening for main ideas/Gist
2. Listening for detail
3. Listening for text organization features
4. Listening for tone, accent, style and register
5. Predicting content and guessing meaning
6. Making inferences from the audio-visual text
7. Listening for opinion/argument/counter-arguments etc.
8. Taking notes

A variety of relevant audio/visual texts as samples may be drawn from various sources. Listening skills in English should be developed through various activities along with the practice done while teaching in the class.

Unit 3: Speaking Skills in English

No of lectures: 15

a. Public Speaking in English

1. Introduction
2. Characteristics of an effective speech
3. Analysis of model speeches
4. Drafting and presenting a speech in formal and informal gatherings

b. Conversation in English

1. Opening a conversation
2. Introducing oneself in various contexts
3. Introducing others formally and informally
4. Building a conversation
5. Leaving and closing a conversation
6. Conversation in group in various situations

c. Speaking at an Event

1. Anchoring/compering an event
2. Introducing guests/ speakers/dignitaries
3. Proposing a vote of thanks

A variety of relevant texts as samples may be drawn from print and non-print sources such as books, videos, audio files etc. Speaking skills in English should be developed through various activities along with the practice done while teaching in the class.

Unit 4: Formal Writing Skills

No. of lectures: 10

i. Letters:

1. Job applications with bio data (solicited and unsolicited)
2. RTI applications
3. Applications for duplicate documents (I-cards / mark sheet, etc.)

ii. Emails:

1. Job acceptance and joining
2. Resignation
3. Complaints
4. Requests for references
5. Request for sponsorship

Tutorial Activities:

1. Use of YouTube videos for use of grammar study and practice that may be taken from the list recommended or similar relevant videos.
 2. Listening to audio clips/ books to enhance listening skills
 3. Reading aloud from newspapers, magazines, stories, non-fiction followed by classroom discussion on these to enhance reading and speaking skills
 4. Making short presentations on given topics
 5. Official letter writing/ email writing exercises
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Semester II

Communication Skills in English Paper II

Course Content

Unit 1: English Usage in Communication

No. of lectures: 08

1. Distinction between American English and British English
2. Indianism and Indian English
3. Appropriacy in the Use of English
4. Non-verbal Communication
5. Elevator Pitch
6. Information and Communication Technology and Use of English
7. Modes and Types of Interview
8. Principles of Creative Writing

This unit shall work as theoretical base for the following units that are practical in nature.

Unit 2: Enhancing Reading Competencies

No. of lectures: 12

A variety of passages of 200-250 words may be taken such as extracts from novels, short stories, plays, magazine, newspapers, reports, documents, academic texts. The passages should have complex text type, function and lexis. The learners may be encouraged to gather meaning contextually or by referring to offline and online sources such as dictionary, thesaurus, and encyclopedia.

1. Augmenting active vocabulary
2. Understanding relations between parts of a text
3. Transferring information (Verbal to Non-Verbal)
4. Understanding concepts and arguments,
5. Developing skills in analysis and interpretation
6. Rewriting a passage from a defined perspective
7. Reading critically (presenting a reasoned argument that evaluates and analyses what you have read)

Weightage of questions on texts -

- a. On vocabulary, synonyms and antonyms, prefixes and suffixes, collocations, making sentences of their own from the idioms or difficult words in the extract (50%)
- b. On writing their opinions, perspectives on the passages in longer, more descriptive ways (50%)

Unit 3: Advanced Oral Communication Skills

No. of lectures: 15

A. Presentation skills: (Formal presentations and skits)

1. Planning and structuring
2. Opening and closing a presentation
3. Use of body language
4. Use of technology in making a presentation
5. Drafting a skit (Not to be tested in theory exam)
6. Reading of a skit
7. Presenting a skit

Students are advised to prepare their own presentation scripts. Teachers should help them in drafting, reading and presenting those scripts in the class.

B. Group Discussion

1. Formal and informal discussion
2. Elements of group discussion
3. Using appropriate language: Initiating, seeking and giving opinions, suggesting, responding to a suggestion, agreeing, disagreeing, interrupting, requesting, clarifying, summing up
4. Types of discussion:
Giving and sharing opinions of a given topic, making decisions, problem solving (case study)

C. Interview Skills

1. Interviewing others
 - Researching the interviewee (writer, social worker, entrepreneur, actor etc.)
 - Preparing questions
 - Conducting interview
2. Attending an Interview (Job/Entrance)
 - Researching the organization
 - Reviewing job-profile and your bio-data/CV
 - Preparing for standard questions
 - Responding to questions
 - Preparing your questions to ask to the interviewer/s
3. Analyzing Interviews

Students can be tested on forming actual interview frameworks including questions. Teachers must form the groups and conduct actual interviews involving full strength of students.

Unit 4: Advanced Writing Skills

No. of lectures: 10

A. Report Writing:

1. News report
2. Activity/Event report

B. Creative Writing:

1. Personal Essay
2. Memoir
3. Short Speech on the given occasion/ event
4. Story writing

Tutorial Activities:

1. Dialogue-writing exercises
2. Writing skits and presenting them
3. Giving speeches
4. Group discussions
5. Mock Interviews

6. Development of stories, passages from hints given, in about 200-250 words
7. Report writing tasks
8. Statement of Purpose

Evaluation Pattern:

A. Internal Evaluation (20 Marks)

		Marks	Remarks
1	Performance in Tutorial activities	10	<p>Sem I -- Learners may be asked to make presentations, hold conversation in class, which will be assessed</p> <p>Sem II -- Learners may be asked to participate in group discussions or mock interviews in class, which will be assessed</p>
2	Participation in classes (lectures and tutorials)	05	Learners' response to teaching, timely submission of tasks will be assessed
3.	Overall attendance (lectures and tutorials)	05	Percentage of learners' attendance in class to be considered

B. Written Examination: (80 marks)

Semester I: 4 questions carrying 20 marks each

Q. No.	Question details	Marks
1	Short Notes (4 out of 6) from Unit 1	20
2	Unseen Passage (200-250 words) (Unit 2) <ol style="list-style-type: none"> a. On content, the use of tenses, articles, prepositions, direct-indirect speech and concord, voice, word meanings - (50%) b. On reading sub-skills (pointing out main ideas and supporting details, making inferences) (50%) 	10 10

3	<p><u>Any four</u> to be attempted from given options (based on Unit 3)</p> <p>a. Preparing a speech on a given topic b. Questions on introducing self and others c. Develop a conversation on a given situation\ d. Introducing speakers/guests in a given event e. Drafting vote of thanks at a given event</p>	20
4	<p>a. Job application with bio data</p> <p>b. RTI letter</p> <p>c. Email writing (1 out of 2)</p>	08 07 05

Semester II: 4 questions carrying 20 marks each

Q. No.	Question details	Marks
1	Short Notes (4 out of 6) on theory from Unit 1	20
2	<p>Unseen Passage (200-250 words) (Unit 2)</p> <p>a. On content, synonyms and antonyms, prefixes and suffixes, collocations, making sentences of their own from the idioms or difficult words in the passage (50%)</p> <p>b. On other sub-skills (such as writing their opinions, perspectives on the passages in longer, more descriptive ways (50%)</p>	10 10
3	<p>Any Two out of Three to be attempted (based on Unit 3)</p> <p>a. Preparing a draft of presentation on a given topic b. Preparing a draft for a mock interview based on the given instructions c. Preparing a draft of a group discussion on a given topic & instructions</p>	20

4	Report writing (1 out of 2)	08
	a. Personal essay/Memoir	07
	b. Story Writing/Speech	05

Recommended Reading:

- Bellare, Nirmala. *Reading & Study Strategies*. Books. 1 and 2. Oxford University Press, 1997, 1998
- Bellare, Nirmala. *Easy Steps to Summary Writing and Note-Making*. Amazon Kindle Edition, 2020
- Comfort, Jeremy, et al. *Speaking Effectively: Developing Speaking Skills for Business English*. Cambridge University Press, 1994.
- Das, Bikram K., et. al. *An Introduction to Professional English and Soft Skills*. Cambridge University Press India Pvt. Ltd., 2010
- Das, Yadjnaseni & R. Saha (eds.) *English for Careers*. Pearson Education India, 2012.
- Devlin, Joseph. *How to Speak And Write Correctly*. New York, The Christian Herald, 1910
- Dimond-Bayir, Stephanie. *Unlock Level 2 Listening and Speaking Skills Student's Book and Online Workbook: Listening and Speaking Skills Student's Book+ Online Workbook*. Cambridge University Press, 2014.
- Doff, Adrian and Christopher Jones. *Language in Use (Intermediate and Upper Intermediate)*. CUP, 2004.
- Glendinning, Eric H. and Beverley Holmstrom. Second edition. *Study Reading: A Course in Reading Skills for Academic Purposes*. CUP, 2004
- Goodale, Malcolm. *Professional Presentations Video Pack: A Video Based Course*. Cambridge University Press, 1998.
- Grellet, F. *Developing Reading Skills*. Cambridge: Cambridge University Press, 1981

- Grussendorf, Marion. *English for Presentations*. Oxford University Press, 2007.
- Lyons, Liz and Ben Heasley. Second edition. *Study Writing: A Course in Writing Skills for Academic Purposes*. CUP, 2006
- Kumar, Sanjay and Pushp Lata. *Communication Skills*. Second Edition. New Delhi, 2011. Oxford University Press, 2015
- Lewis, N. *How to Read Better & Faster*. New Delhi, Goyal Publishers & Distributors Pvt. Ltd, 2006.
- McCarthy, Michael and Felicity O'Dell. *English Vocabulary in Use*. Cambridge: Cambridge University Press, 2001.
- Mohan, RC Sharma Krishna. *Business Correspondence and Report Writing*. Third edition. Tata McGraw-Hill Education, 2002.
- Murphy, Raymond, et al. *Grammar in use: Intermediate*. Cambridge University Press, 2000
- Richards, Jack C., and Chuck Sandy. *Passages Level 2 Student's Book*. Cambridge University Press, 2014.
- Sadanand, Kamlesh & S. Punitha. *Spoken English: A Foundation Course*. (Part 1 & 2). Orient Blackswan. 2009.
- Sasikumar, V., et al. *A Course in Listening & Speaking I*. 2005. Cambridge University Press India Pvt. Ltd. (under the Foundation Books Imprint), 2010
- Savage, Alice, et al *Effective Academic Writing*. Oxford: OUP, 2005
- Sethi, J. *Standard English and Indian usage: Vocabulary and grammar*. PHI Learning Pvt. Ltd., 2011.
- Taylor, Grant. *English Conversation Practice*. 1967. Tata McGraw-Hill, 2013
- Turton, Nigel D. *A B C of Common Grammatical Errors*. 1995. Macmillan India Ltd., 1996
- Vas, Gratian. *English Grammar for Everyone*. Mumbai, Shree Book Centre, 2015
- Watson, T. *Reading Comprehension Skills and Strategies: Level 6*. Saddleback Educational Publishing, 2002
- Wright. Andrew, et al. *Games for Language Learning: Cambridge Handbooks for Language Teachers* (Third Edition). 2006. Cambridge (UK), Cambridge University Press, 2010

Web link Resources:

1. A rendezvous with Simi Garewal: Ratan Tata :
<https://www.youtube.com/watch?v=ozetTgOHu78&t=510s> Here Ratan Tata discusses his personal life, his expectations, his experience as a CEO of Tata and sons.
2. A rendezvous with Simi Garewal: Kiran Bedi:
<https://youtu.be/vX2NyKvEAXQ>
In this video, Kiran Bedi shares her daring adventures, her field, her passion for career with Simi Garewal.
3. In Conversation: Rajiv Mehrotra with J.R.D.Tata:
<https://youtu.be/68otfg601HI>
J. R. D. Tata discloses his dream of India, his experiences with Pandit Nehru, Mahatma Gandhi, Sardar Patel and his contribution to modern India.
4. The Tharoor Guide To Indian English: <https://youtu.be/NsyI9LIXbFM>
Shashi Tharoor talks of new words like “defenstrate”, “brinjol”; talks about Indian English, ethnicity and so on.
5. Dr.A.P.J Abdul Kalam on Discovery, invention and innovation:<https://youtu.be/9CKCfiX3uO0>
Dr. Kalam addresses IIT Delhi students.
6. Malala Yousafzai’s speech on the occasion of her Nobel Peace Prize (2014) on education:<https://youtu.be/c2DHZlkUI6s>
7. Kailash Satyarthi’s speech on the occasion of Nobel Peace Prize(2014) on the innocence of children; he gives voice to voiceless in his speech:https://youtu.be/wt0LSCEuc_M
8. Speech by Mr. Ratan Tata: <https://youtu.be/m7-tKX7aZXM>
9. “I Have a Dream” speech by Martin Luther King Jr. HD (subtitled)
<https://www.youtube.com/watch?v=vP4iY1TtS3s>
“I Have a Dream” is a public speech that was delivered by American civil rights activist Martin Luther King Jr. during the March on Washington for Jobs and Freedom on August 28, 1963, in which he called for civil and economic rights and an end to racism in the United States.
10. Speech by Emma Watson on Gender Equality :<https://youtu.be/nIwU-9ZTTJc>
11. Imaginative science video: Could humans live in underwater cities?
<https://youtu.be/GUGtU7Ii1yk>
12. A conversation about household appliances: <https://youtu.be/rAPI0fSborU>
13. Video on psychology: Why do we dream? <https://youtu.be/2W85Dwxx218>
14. Video on space: Solar system 101: <https://youtu.be/libKVRa01L8>
15. Video on evolution: How Apocalypses paved the way for Humans
<https://youtu.be/libKVRa01L8>
16. Video on biology: Why Bats Aren't as Scary as You Think
https://youtu.be/D6e_qh3YRPs
17. Video on social media: What is a social media influencer?
<https://youtu.be/39A3og7enz8>
18. Tips on communication (TED Talk): The Secrets of Learning a New Languagehttps://youtu.be/o_XVt5rdpFY
19. Expressing opinions: If Cinderella Were a Guy:<https://youtu.be/p4OyCNctKXg>
20. Telling stories without words: Partly Cloudy
<https://youtu.be/ix13P9NqBjo>
21. Telling stories without words: Tree of Unity <https://youtu.be/sAo41Gyl6hY>

22. Bonding over the Radio: A special storytelling series by the much loved author Ruskin Bond: akashvaniair
<https://youtu.be/oxf60BIR2Q4>
<https://youtu.be/ISX7rUJOms>
https://youtu.be/rrC_s0XPXKI
<https://youtu.be/FUML3q1ncF0>
https://youtu.be/3by_ninqRzg
 23. Video on the English language: Where did English come from?
<https://youtu.be/YEaSxhcns7Y>
 24. Video on biology: The science of skin colour: https://youtu.be/_r4c2NT4naQ
 25. Video on advertising: The Science of Persuasion <https://youtu.be/cFdCzN7RYbw>
 26. “The Happy Prince” Oscar Wilde Michael Mills Classic Animated Short 1974.
<https://www.youtube.com/watch?v=q3RZh1yaqxM>
Learners may be encouraged to watch animated stories such as this one and questions asked later on.
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University of Mumbai



No. UG/37 of 2021-22

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office circular No.UG/163 of 2016-17, dated 16th November, 2016 relating to the revised syllabus as per the (CBCS) for F.Y.B.A.- in English (Introduction to Literature) (Sem. I & II).

They are hereby informed that the recommendations made by the Board of Studies in English at its online meeting held on 21st December, 2020 vide item No. 4 and subsequently made by the Board of Deans at its meeting held on 27th January, 2021 vide item No. 5.4 (R) have been accepted by the Academic Council at its meeting held on 23rd February, 2021 vide item No. 5.4 (R) and that in accordance therewith, that existing nomenclature of the paper Introduction to Literature Paper I & II for Sem 1 & 2 respectively is changed as Introduction to Prose and Fiction Paper I & II for Sem. 1 & 2 and to revised the syllabus as per the (CBCS) of F.Y.B.A. Optional English Paper I Introduction to Prose and Fiction – Sem. I & II has been brought into force with effect from the academic year 2021 -22 accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI – 400 032
August, 2021

To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/5.4/23/02/2021

No. UG/37 -A of 2021-22

MUMBAI-400 032

17th August, 2021

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in English
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-ordinator, University Computerization Centre,

(Dr. B.N.Gaikwad)
I/c REGISTRAR

Copy to :-

- 1. The Deputy Registrar, Academic Authorities Meetings and Services (AAMS),**
- 2. The Deputy Registrar, College Affiliations & Development Department (CAD),**
- 3. The Deputy Registrar, (Admissions, Enrolment, Eligibility and Migration Department (AEM),**
- 4. The Deputy Registrar, Research Administration & Promotion Cell (RAPC),**
- 5. The Deputy Registrar, Executive Authorities Section (EA),**
- 6. The Deputy Registrar, PRO, Fort, (Publication Section),**
- 7. The Deputy Registrar, (Special Cell),**
- 8. The Deputy Registrar, Fort/ Vidyanagari Administration Department (FAD) (VAD), Record Section,**
- 9. The Director, Institute of Distance and Open Learning (IDOL Admin), Vidyanagari,**

They are requested to treat this as action taken report on the concerned resolution adopted by the Academic Council referred to in the above circular and that on separate Action Taken Report will be sent in this connection.

- 1. P.A to Hon'ble Vice-Chancellor,**
- 2. P.A Pro-Vice-Chancellor,**
- 3. P.A to Registrar,**
- 4. All Deans of all Faculties,**
- 5. P.A to Finance & Account Officers, (F.& A.O),**
- 6. P.A to Director, Board of Examinations and Evaluation,**
- 7. P.A to Director, Innovation, Incubation and Linkages,**
- 8. P.A to Director, Board of Lifelong Learning and Extension (BLLE),**
- 9. The Director, Dept. of Information and Communication Technology (DICT) (CCF & UCC), Vidyanagari,**
- 10. The Director of Board of Student Development,**
- 11. The Director, Department of Students Welfare (DSD),**
- 12. All Deputy Registrar, Examination House,**
- 13. The Deputy Registrars, Finance & Accounts Section,**
- 14. The Assistant Registrar, Administrative sub-Campus Thane,**
- 15. The Assistant Registrar, School of Engg. & Applied Sciences, Kalyan,**
- 16. The Assistant Registrar, Ratnagiri sub-centre, Ratnagiri,**
- 17. The Assistant Registrar, Constituent Colleges Unit,**
- 18. BUCTU,**
- 19. The Receptionist,**
- 20. The Telephone Operator,**
- 21. The Secretary MUASA**

for information.

UNIVERSITY OF MUMBAI**Syllabus for Approval**

Sr. No.	Heading	Particulars
1	Title of the Course	FYBA Optional English: 'Introduction to Prose and Fiction'
2	Eligibility for Admission	10+2
3	Passing Marks	40
4	Ordinances / Regulations (if any)	
5	No. of Years / Semesters	1 Year (Semester I and II)
6	Level	P.G. / U.G./ Diploma / Certificate (Strike out which is not applicable)
7	Pattern	Yearly / Semester (Strike out which is not applicable)
8	Status	New / Revised (Strike out which is not applicable)
9	To be implemented from Academic Year	From Academic Year 2021-2022

Date: 21/12/2020

Signature :

A handwritten signature in blue ink, appearing to read 'Dr. Sudhir Nikam'.

Name of BOS Chairperson / ~~Dean~~ :**Dr. Sudhir Nikam**



University of Mumbai

Syllabus for F.Y.B.A

Program: B.A.

Course: Introduction to Prose and Fiction

(Choice Based Credit System with effect from the academic year 2021-2022)

Board of Studies in English

Dr. Sudhir Nikam (Chairperson)

Dr. Rajesh Karankal (Member)

Dr. Santosh Rathod (Member)

Dr. Bhagyashree Varma (Member)

Dr. Deepa Mishra (Member)

Dr. B. N. Gaikwad (Member)

Dr. Dattaguru Joshi (Member)

Dr. Satyawan Hanegave (Member)

Dr. Deepa Murdeshwar-Katre (Member)

Syllabus Sub-Committee

- Dr. Rajesh Karankal** : Convenor, Head, Department of English,
University of Mumbai
- Dr. Rajesh Yeole** : Member, Head, Department of English, Changu
Kana Thakur A.C.S.College, New Panvel,
- Ms. Sumali Bose** : Member, Department of English, N.E.S Ratnam
College, Mumbai
- Dr. Shweta Salian** : Member, Department of English, Mithibai
College, Mumbai
- Dr. Satyajit Kosambi** : Member, Department of English, Sathaye
College, Mumbai
- Dr. Bharat Tupere** : Member, Department of English, Sant Rawool
Maharaj College, Kudal

Course: Introduction to Prose and Fiction

(100 Marks Examination Pattern)

(Choice Based Credit System with effect from the academic year 2021-22)

1. Syllabus as per Credit Based Semester and Grading System:		
i)	Name of the Programme	: B.A.
ii)	Course Code	: UAENG 101 & UAENG 201
iii)	Course Titles	: Introduction to Prose and Fiction Paper – I and II
iv)	Semester-wise Course Content	: Enclosed the copy of syllabus
v)	References and Additional References:	: Enclosed in the Syllabus
vi)	Credit Structure	: No. of Credits per Semester – 03
vii)	No. of lectures per Unit	: 15
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2.	Scheme of Examination	: Written Exam: 5 Questions of 20 Marks each
3.	Special notes, if any	: No
4.	Eligibility, if any	: No
5.	Fee Structure	: As per University Structure
6.	Special Ordinances / Resolutions if any	: No

Revised Syllabus for FYBA Optional English

Introduction to Prose and Fiction Paper I and II

To be implemented from 2021-22 (100 Marks Examination Pattern)

Objectives of the Course:

- To create interest and develop passion amongst learners towards English Literature
- To familiarize learners with salient characteristics of literary genres like short story, prose, fiction and non-fiction
- To introduce learners to various elements of selected short stories written in English and translated into English
- To acquaint learners with different forms of prose and its importance through close reading of selected works
- **To understand that literature is an expression of human values and universal truths**

Course Outcomes:

- To develop passion for reading literary works amongst students
- To make learners at ease in the process of appreciation of literature
- To enable learners to understand and analyze selected stories, prose, fiction and non-fiction masterpieces
- To imbibe the underlying philosophy and values reflected in literature
- To develop sensitivity to nature and understand the relationship between human beings and environment

Semester I

Optional English: Introduction to Prose and Fiction Paper I

Course Content

Unit 1:

No. of lectures: 15

Development of Short Story, Elements of Short Story: Plot, Character, Setting, Narrative, Development of Essay, Features of Prose writing, Types of Prose, Autobiography

Unit 2:

No. of lectures: 15

- O' Henry : "The Cop and the Anthem"
- Ray Bradbury : "A Sound of Thunder"
- Rabindranath Tagore : "The Kabuliwala"
- Bernard Malamud : "The Jewbird"
- Baburao Bagul : "Mother"
- Ken Liu : "The Paper Menagerie"

Unit 3:

No. of lectures: 15

- Sir Francis Bacon : "Of Marriage and Single Life" and "Of Revenge"
- Charles Lamb : "The Two Races Of Men "
- Ralph Waldo Emerson : "Self – Reliance"
- W.E.B. du Bois : "Strivings of the Negro People"
- Shobha De : From "Speedpost": "Dear Arundhati" Aug'99 and "Dear Aditya" June'99
- Subroto Bagchi : From *Go kiss the world*: "Learning to Listen" (p. 145-150) and "Who Is a Good Leader?" (p. 150-155)

Evaluation: First Semester End Examination Pattern 100 Marks: 3 Hours

Question 1	:	Short Notes on Unit 1 (4 out of 6)	:	20 Marks
Question 2	:	Essay on Unit 2 (1 out of 2)	:	20 Marks
Question 3	:	Essay on Unit 3 (1 out of 2)	:	20 Marks
Question 4	:	Short Notes on Unit 2 (2 out of 4)	:	20 Marks
Question 5	:	Short Notes on Unit 3 (2 out of 4)	:	20 Marks

Semester II

Optional English: Introduction to Prose and Fiction Paper II

Course Content

Unit 1:

No. of lectures: 15

Novella, Aspects of Novel, Children's Fiction, Adventure Novel, Mystery novel, Science Fiction, Social Novel, Philosophical Novel, Historical Novel

Unit 2:

No. of lectures: 15

- John Steinbeck: *The Pearl*
OR
- Ruskin Bond: *The Blue Umbrella*

Unit 3:

No. of lectures: 15

- R.K. Narayan: *The Financial Expert*
OR
- Isaac Asimov: *Fantastic Voyage*

Evaluation: Second Semester End Examination Pattern 100 Marks: 3 Hours

Question 1	:	Short Notes on Unit 1 (4 out of 6)	:	20 Marks
Question 2	:	Essay on Unit 2 (1 out of 2)	:	20 Marks
Question 3	:	Essay on Unit 3 (1 out of 2)	:	20 Marks
Question 4	:	Short Notes on Unit 2 (2 out of 4)	:	20 Marks
Question 5	:	Short Notes on Unit 3 (2 out of 4)	:	20 Marks

References:

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- Auger , Peter. *The Anthem Glossary of Literary Terms and Theory* , India, Anthem Press, , 2011.
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- Edmond Gore and Alexander Holmes. *What is Poetry?* England, Nabu Press, 2010.
- Ford, Boris. *The Pelican Guide to English Literature, Volume I to X*
- Forster, E M. *Aspects of the Novel*, (1954) London: Rosetta Books, 2002.
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- Gibson Arthur. *What is Literature*, Peter Lang Pub Inc, 2007.
- Hudson, W.H., 2011, *An Outline History of English Literature*, India, G K Publishers Pvt. Ltd
- McKeon, Michael. *Theory of the Novel: A Historical Approach*. Baltimore : John Hopkins University Press, 2000.
- Prasad, B. . *Background of the Study of English Literature*, Chennai, Macmillan, 1999.
- Rees, R.J. *English Literature : An Introduction to Foreign Readers*, New Delhi: Macmillan, 1982.
- Turco , Lewis. *The Book of Literary Terms*, UK, University Press of New England, 1999.
- Widdowson, Peter. *The Palgrave Guide to English Literature and its Contexts 1500-2000*, Hampshire: Palgrave, Macmillan, 2004

CIRCULAR

A reference is invited to the syllabi existing in the Institute of Arts (I.A.) Programme vide this office Circular No.1001 of 2012-13, dated 27th June, 2012 and the Principals of the affiliated Colleges in Arts are hereby informed that the recommendations made by the Board of Studies in English at its meeting held on 11th April, 2017 has been accepted by the Academic Council at its meeting held on 11th May, 2017 vide item No.1018 and that in accordance therewith, the revised syllabus as per the (I.A.C.S.) of Institute of Arts in B.V.H.A. English (Academic) & Applied Component (Sem - III & IV), which is available on the University's website (www.unimumbai.ac.in) and that the same has been brought into force with effect from the academic year 2017-18, accordingly.

MUMBAI - 400002

07th August, 2017

To

The Principals of the affiliated Colleges in Arts.



ACKNOWLEDGMENT

No. 1001/101 of 2017

MUMBAI-400002

07th August, 2017

Copy forwarded with Compliances for information to:

- 1) The Commissioner, Faculty of Arts and Humanities,
- 2) The Chairman, Board of Studies in English,
- 3) The City Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Studies Development,
- 5) The Professor-in-Charge, Institute of Distance and Open Learning (IDOLA),
- 6) The Co-Ordinator, University Computerization Centre,

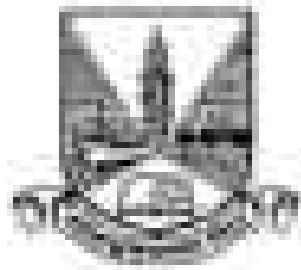


UPTD

AC-

Item No. _____

UNIVERSITY OF MUMBAI



Syllabus for S.Y.B.A.

Program: B.A.

Course: English

Ancillary & Applied Component

(Choice Based Credit System with effect from the Academic Year 2017-2018)

University of Mumbai
Syllabus for S.Y.B.A. in English (Ancillary)
Program: B.A.
Course: Indian Literature in English
Paper II

(Choice Based Credit System with effect from the Academic Year 2017-2018)

1. Syllabus as per Choice Based Credit System

i)	Name of the Program	: S.Y.B.A. English (Ancillary) Semester III and IV
ii)	Course Code	: UAENG301 & UAENG401
iii)	Course Title	: Indian Literature in English Paper II Semester III: (Essay, Novel and Short Story) Semester IV: (Essay, Poetry and Drama)
iv)	Semester wise Course Contents	: Enclosed in the Syllabus
v)	References and additional references	: Enclosed in the Syllabus
vi)	Credit structure	: No. of Credits per Semester - 03
vii)	No. of lectures per Unit	: 15
viii)	No. of lectures per week	: 03
2.	Scheme of Examination	: 5 Questions of 20 marks each
3.	Special notes, if any	: No
4.	Eligibility, if any	: No
5.	Fee Structure	: As per University Structure
6.	Special Ordinances / Resolutions, if any	: No

S.Y.B.A. English (Ancillary)
Course Title: Indian Literature in English
Paper II
(100 Marks Examination Pattern)

Objectives:

1. To introduce learners to the uniqueness of Indian Literature in English
2. To acquaint learners to the pluralistic dimensions of Indian Literature in English
3. To help them understand the different genres of Indian Literature in English
4. To familiarise learners with different perspectives of approaching this literature
5. To make learners aware of prominent Indian Writers in English

Semester III	Paper II	3 Credits
Course Title: Indian Literature in English – (Essay, Novel and Short Stories)		

Total Lectures: 45

Unit 1: Essays (Indian Non-Fiction in English)

15 Lectures

- i. Meenakshi Mukherjee: “The Anxiety of Indianness” from *The Perishable Empire: Essays on Indian Writing in English*.
- ii. Urvashi Butalia: “Memory” from *The Other Side of Silence: Voices from the Partition of India*
- iii. K. Satchidanandan: “That Third Space: Interrogating the Diasporic Paradigm” from *Indian Literature*, Vol 45, No.3 (203) (May-June 2001)
- iv. Jasbir Jain: “Prologue” from *beyond postcolonialism: dreams and realities of a nation*.

Unit 2: Novel

15 Lectures

- i. Anita Desai: *Fasting, Feasting*. Penguin Random House.

OR

- ii. Saradindu Bandyopadhyay: *The Quills of the Porcupine*- a novella from *The Menagerie and Other Byomkesh Bakshi Mysteries*. Translated from the Bengali by Sreejata Guha. Penguin.

Unit 3: Short Stories:**15 Lectures**

- i. Bhisham Sahani : "Pali" (from *Translating Partition*. Katha, New Delhi, 2001)
- ii. Vilas Sarang : "A Revolt of the Gods" (from *Fair Tree of the Void*. Penguin Books (India) Ltd. New Delhi, 1990.
- iii. Githa Hariharan : "The Remains of the Feast" (from <https://newint.org>)
- iv. Shashi Deshpande : "The Awakening" (from *Collected Stories, Vol. 1*, Penguin Books India Pvt. Ltd. New Delhi, 2003.

Evaluation Pattern:

Third Semester End Examination	Duration: 3 Hours	Marks: 100
Question 1: Essay on Unit 1 (a-Essay or b-Essay or c- two short notes)	(one out of three)	:20 Marks
Question 2: Essay on Unit 2	(one out of two)	:20 Marks
Question 3: Essay on Unit 3	(one out of two)	:20 Marks
Question 4: Short Notes on Unit 2	(two out of four)	:20 Marks
Question 5: Short Notes on Unit 3	(two out of four)	:20 Marks

Semester IV	Paper II	3 Credits
Course Title: Indian Literature in English – (Essay, Poetry and Drama)		

Total Lectures: 45**Unit 1: Essays (Indian Non-Fiction in English)****15 Lectures**

- i. Makarand Paranjape: Introductory essay to *Indian Poetry in English*. 1993. Madras: Macmillan India Press.
- ii. Arjun Dangle: "Dalit Literature: Past, Present and Future" from *Poisoned Bread*. 1992. Hyderabad: Orient Longman Ltd.
- iii. Vijay Tendulkar: "Characterization and Structure: Two Essentials for a Playwright" from *Collected Plays in Translation*. 2003. New Delhi: OUP.
- iv. Rajeswari Sunder Rajan: "English Literary Studies, Women's Studies and

Feminism in India". Source: *Economic and Political Weekly*, Vol 43. No. 43
(Oct. 25-31, 2008).

Unit 2: Poetry:

15 Lectures

- i. Jayanta Mahapatra : 'Hunger' and 'Freedom'
- ii. Keki Daruwalla : 'Map-Maker' and 'A Take-Off on a Passing Remark'
- iii. Meena Kandasamy : 'Ekalavyan' and 'The Flight of Birds'
- iv. Dilip Chitre : 'Father Returning Home' and 'Ode to Bombay'

Unit 3: Drama:

15 Lectures

Manjula Padmanabhan : *Harvest*. (Aurora Metro Press: 2003)

OR

Mohan Rakesh : *Halfway House (Adhe-Adhure)* translated by Bindu Batra,
Ed. Basu, Dilip K. (Worldview Publications, New Delhi: 1999)

Evaluation Pattern:

Fourth Semester End Examination	Duration: 3 Hours	Marks: 100
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- | | | |
|-------------|--|-----------|
| Question 1: | Essay on Unit 1 (one out of three)
(a-Essay or b-Essay or c- Two short notes) | :20 Marks |
| Question 2: | Essay on Unit 2 (one out of three) | :20 Marks |
| Question 3: | Essay on Unit 3 (one out of three) | :20 Marks |
| Question 4: | Short Notes on Unit 2 (two out of four) | :20 Marks |
| Question 5: | Short Notes on Unit 3 (two out of four) | :20 Marks |

References:

1. Agrawal, Anju Bala. 2010. *Post-Independence Indian Writing in English (Vols. I and II)*. Delhi: Authorspress.
2. Agarwal, Beena. 2012. *Contemporary Indian English Drama: Canons and Commitments*. Jaipur: Aadi Publications.
3. Agarwal, Smita,ed. 2014. *Marginalized: Indian Poetry in English*. New York: Rodopi.

4. Ahmad, Aijaz. 1996. *In Theory: Classes, Nations, Literatures*. Delhi: Oxford University Press.
5. Basu, Tapan, ed. 2002. *Translating Caste*. New Delhi: Katha.
6. Bhattacharya, Gargi. “(De) Constructing an Aesthetics of Indian Writing in English”. *Muse India*, Issue 70 (Nov-Dec 2016)
<http://www.museindia.com/regularcontent.asp?issid=32&id=2049>
7. Bose, Brinda, ed. 2002. *Translating Desire: The Politics of Gender and Culture in India*. New Delhi: Katha.
8. Daruwalla, Keki, ed. 1980. *Two Decades of Indian Poetry 1960-1980*. Delhi: Vikas Publishing.
9. Das, Bijay Kumar. “Remembering the Founding Fathers of Indian English Fiction”. *Journal of Literature, Culture and Media Studies* Winter Vol.-I. Number 2 (July-December 2009): 7-15.Web.
10. Dharwadker, Vinay and A.K. Ramanujan, eds. 1994. *The Oxford Anthology of Modern Indian Poetry*. Delhi: Oxford University Press.
11. Gandhi, Leela. 1998. *Postcolonial Theory: A Critical Introduction*. New Delhi : Oxford University Press.
12. Gopal, Priyamvada.2009. *The Indian English Novel: Nation, History, and Narration*. Oxford University Press.
13. Iyengar, Srinivasa. 1985. *Indian Writing in English*, 5th ed. New Delhi: Sterling Publishers.
14. Jain, Jasbir. 2002. *Gender and Narrative*. New Delhi: Rawat Publications.
15. Jain, Jasbir. 2004. *Dislocations and Multiculturalism*. Jaipur: Rawat Publications.
16. Jain, Jasbir and Singh, Veena. 2004. *Contesting Postcolonialisms*. 2nd edition. Jaipur: Rawat Publications.
17. Jain, Jasbir. 2006. *beyond postcolonialism: dreams and realities of a nation*. Jaipur: Rawat Publications.
18. Jain, Jasbir. 2007. *Reading Partition/Living Partition*. Jaipur: Rawat Publications.
19. Joshi, Priya. 2003. *In Another Country: Colonialism, Culture and the English Novel in India*. New Delhi: Oxford University Press.

20. Kambar, Chandrasekhar. 2000. *Modern Indian Plays. Vols. 1 & 2.* New Delhi: National School of Drama.
21. Karnad, Girish. 1995. "Author's Introduction" in *Three Plays.* Delhi: OUP.
22. King, Bruce. 2001. *Modern Indian Poetry in English.* Revised Edition. Oxford University Press.
23. Kushwaha, M.S. 1984. *Dimensions of Indian English Literature.* New Delhi: Sterling Publishers Pvt. Ltd.
24. Mc Cutchion, David. 1973. *Indian Writing in English.* Calcutta: Writers Workshop.
25. Mehrotra, Arvind, ed. 2010. *A Concise History of Indian Literature in English.* New Delhi : Permanent Black.
26. Mittal, R.K. 2013. *Problems of Indian Creative Writing in English.* New Delhi: Kumud Publishers.
27. Mittapalli, Rajeshwar and Piciucco, Pier Paolo. 2000. *Studies in Indian Writing in English, Vol. 1.* New Delhi: Atlantic Publishers and Distributors.
28. Mishra, V. 2008. *Literature of the Indian Diaspora.* London: Routledge.
29. Mouli, T. Sai Chandra. 2011. *Multicultural Theatre and Drama.* New Delhi: Authorspress.
30. Mukherjee, Meenakshi. 2002. *The Perishable Empire: Essays on Indian Writing in English.* New Delhi: Oxford University Press.
31. Mukherjee, Meenakshi. 1994. *Realism and reality: The Novel and Society in India.* New Delhi: Oxford University Press.
32. Mukherjee, Meenakshi. 1971. *The Twice-Born Fiction: Themes and Techniques of the Indian Novel in English.* University of Michigan: Heineman Educational Books.
33. Naik, M.K. 1977. *Critical Essays on Indian Writing in English.* Madras: Macmillan.
34. Naik, M.K. 1979. *Aspects of Indian Writing in English.* Delhi: Macmillan.
35. Naik, M.K. 1982. *History of Indian English Literature.* New Delhi: Sahitya Akademi.
36. Naik, M.K. 1984. *Dimensions of Indian English Literature.* New Delhi: Sterling Publishers Pvt. Ltd.
37. Naik, M.K. 1987. *Studies in Indian English Literature.* New Delhi: Sterling Publishers Pvt. Ltd.

38. Nayar, Pramod. 2008. *Postcolonial Literature : An Introduction*. New Delhi: Pearson Education.
39. Panikker, K. Ayyappa. 1991. *Indian English Literature Since Independence: Golden Jubilee Vol.1940-1990*. New Delhi: The Indian Association for English Studies.
40. Paranjape, Makarand. 1993. *Indian Poetry in English*. Macmillan India Ltd.
41. Paranjape, Makarand. "Indian (English) Criticism: Some Notes." *Indian Literature*, Vol. 37, No. 2 (160) (March-April, 1994), pp. 70-78. Print.
42. Rahman, Gulrez Roshan. 2012. *Indian Writing in English: New Critical Perspectives*. New Delhi: Swarup Book Publishers.
43. Rau, M. Chalapathi. 1982. *Indian Drama: Traditional Societies in Transition*. New Delhi: Allied Publishers Private Ltd.
44. Shaikh, F.A. 2009. *New Perspectives on Indian Writing in English*. New Delhi: Sarup and Sons.
45. Singh, Amardeep. "Friday, September 24 , 2004 "An Introduction to Edward Said, Orientalism, and Postcolonial Literary Studies." FRIDAY, SEPTEMBER 24 , 2004 (2004): n. pag. Web. 15 Jan. 2017.
<<http://www.lehigh.edu/~amsp/2004/09/introduction-to-edward-said.html>>.
46. Sinha, Krishna Nandan. 1979. *Indian Writing in English*. Delhi: Heritage Publishers.
47. Stewart, Frank and Sukrita Paul Kumar, ed. 2008. *Crossing Over : Partition Literature from India, Pakistan and Bangladesh*. New Delhi: Doaba Publications.
48. Viswanathan, Gauri. 1989. *Masks of Conquest : Literary Study and British Rule in India*. New Delhi: Oxford University Press.
49. Walsh, William. 1990. *Indian Literature in English*. London: Longman.

Useful Links and YouTube videos

<https://www.youtube.com/watch?v=cvBNzvVIZlc>

<https://www.youtube.com/watch?v=tpibUVAAbCDU>

<https://www.youtube.com/watch?v=w8LLmZ09HRg>

<https://www.youtube.com/watch?v=hAxfmbthlxw>

<https://www.youtube.com/watch?v=3LC6BEqgCoc>

<https://www.youtube.com/watch?v=jCFVA4uqVcs>

<https://www.youtube.com/watch?v=u1-ekBseASw>

<https://www.youtube.com/watch?v=7kYwnqGB48E>

<https://www.youtube.com/watch?v=UHC1Clrlg1w>

https://www.youtube.com/watch?v=NKjvBv_ndL8

<https://www.youtube.com/watch?v=A-vFqNwYmm0>

https://www.youtube.com/watch?v=PKpV_I0Q3oQ

<http://www.ipl.org/IPLBrowse/GetSubject?vid=13&cid=1&tid=7011&parent=7006>

List of MOOCs

Postcolonial Literature

<https://www.class-central.com/university/iitk>

Write a Killer Literature Review

<https://www.udemy.com/write-a-killer-literature-review/?siteID=SAyYsTvLiGQ-9O7.BTcWuBTLe8NsMyFzyQ&LSNPUBID=SAyYsTvLiGQ>

Tell Your Story in English: Reading & Writing Skills for Language Learners

<https://www.class-central.com/mooc/6119/canvas-network-tell-your-story-in-english-reading-writing-skills-for-language-learners>

Literary Theory and Criticism

<https://www.class-central.com/mooc/7982/nptel-literary-theory-and-literary-criticism>

Syllabus Prepared by:

Convener:

Dr. Lakshmi Muthukumar, Department of English, SIES College, Sion West, Mumbai.

Members:

Dr. Deepa Murdeshwar-Katre, Department of English, Annasaheb Vartak College, Vasai.

Dr. Nilakshi Roy, Department of English, Vaze -Kelkar College, Mulund.

Dr. Deepa Mishra, Department of English, Smt C.H.M College, Ulhasnagar.

Mr. Mahesh M. Deshmukh, Department of English, Sonopant Dandekar College, Palghar.

University of Mumbai
Syllabus for S.Y.B.A. in English (Ancillary)
Program: B.A.
Course: American Literature
Paper III

(Choice Based Credit System with effect from the Academic Year 2017-2018)

1. Syllabus as per Choice Based Credit System

- i) Name of the Program : S.Y. B.A. English (Ancillary)
Semester III and IV
- ii) Course Code : UAENG302 & UAENG402
- iii) Course Title : **American Literature, Paper III**
- iv) Semester wise Course Contents : Enclosed the copy of the syllabus
- v) References and additional references : Enclosed in the Syllabus
- vi) Credit structure : No. of Credits per Semester - 03
- vii) No. of lectures per Unit : As mentioned in the syllabus
- viii) No. of lectures per week : 03
- 2. Scheme of Examination** : 5 Questions of 20 marks each
- 3. Special notes, if any** : No
- 4. Eligibility, if any** : No
- 5. Fee Structure** : As per University Structure
- 6. Special Ordinances / Resolutions, if any**: No

S.Y.B.A. English (Ancillary)

Paper III

Course Title: American Literature

(100 Marks Examination Pattern)

Objectives:

1. To acquaint the learners of literature with the various genres and literary terms of twentieth century American Literature
2. To sensitize them to the themes and styles of American Literature
3. To introduce them to the socio-cultural milieu of twentieth century America through literary texts
4. To enhance their understanding of American, African American and Multicultural sensibilities by introducing them to the literary works representing them
5. To facilitate cross-cultural perspectives and discussions on American Literature

Semester III	Paper III	3 Credits
Course Title: American Literature – (Short Story and Novel)		

Total Lectures: 45

Unit 1: Terms

15 Lectures

- i. Naturalism in 20th Century American Fiction
- ii. Lost Generation Writers
- iii. African American Fiction
- iv. Jewish American Fiction
- v. Literature of Chinese-American Diaspora
- vi. Literature of Indian Diaspora in America

Unit 2: Novel

15 Lectures

Toni Morrison: *Sula*

OR

Ernest Hemingway: *Old Man and the Sea*

Unit 3: Short Stories**15 Lectures**

- i. John Steinbeck– “The Chrysanthemums”
(<http://myweb.dal.ca/dhevans/2034/Readings/Chrysanthemums.pdf>)
- ii. Alice Walker – “Everyday Use”
(<https://www.deanza.edu/faculty/leonardamy/Everyday%20Use.pdf>)
- iii. Amy Tan – “Two Kinds”
(http://s3.amazonaws.com/scschoollfiles/400/two_kinds_by_amy_tan.pdf)
- iv. Bernard Malamud – “The German Refugee”
(moodle2.beitberl.ac.il/pluginfile.../Bernard_Malmud_-_The_German_Refugee.pdf)
- v. Jhumpa Lahiri – “Unaccustomed Earth” (from *Unaccustomed Earth*, Penguin Random House, 2009.)

Evaluation Pattern:

Third Semester End Examination	Duration: 3 hours	Marks:100
Question 1: Short notes on Unit 1 (two out of four)		:20 Marks
Question 2: Essay on Unit 2 (one out of two)		:20 Marks
Question 3: Essay on Unit 3 (one out of two)		: 20 Marks
Question 4: Short notes on Unit 2 (two out of four)		:20 Marks
Question 5: Short notes on Unit 3 (two out of four)		:20 Marks
Semester IV Paper III 3 Credits American Literature – (Poetry and Drama)		

Total Lectures: 45**Unit 1: Terms****15 Lectures**

- i. American Dream,
- ii. Confessional Poetry
- iii. Expressionism in American Drama
- iv. African American Poetry of the 20th century
- v. African American Drama of the 20th Century
- vi. Broadway and Off Broadway Theatre

Unit 2: Play**15 Lectures**Arthur Miller: *Death of a Salesman***or**James Baldwin: *Blues for Mister Charlie*

Unit 3: Poems

15 Lectures

Langston Hughes: 'Mother to Son'

'Democracy'

'Dream Deferred'

Sylvia Plath: 'Mirror'

'I am Vertical'

'Tulips'

Evaluation Pattern:

Fourth Semester End Examination	Duration: 3 hours	Marks: 100
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Question 1:	Short notes on Unit 1 (one out of four)	: 20 Marks
Question 2:	Essay on Unit 2 (one out of two)	: 20 Marks
Question 3:	Essay on Unit 3 (one out of two)	: 20 Marks
Question 4:	Short notes on Unit 2 (two out of four)	: 20 Marks
Question 5:	Short notes on Unit 3 (two out of four)	: 20 Marks

References:

1. Abrams, M. H. *A Glossary of Literary Terms*. (8th Edition) New Delhi: Akash Press, 2007.
2. Baldick, Chris. *The Oxford Dictionary of Literary Terms*. Oxford: Oxford University Press, 2001.
3. Bloom, Harold, ed. *Short Story Writers and Short Stories*. New York: Chelsea House, 2005.
4. Boyars, Robert, ed. *Contemporary Poetry in America*. New York: Schocken, 1974.
5. Cook, Bruce. *The Beat Generation*. New York: Scribners, 1971.
6. Gould, Jean. *Modern American Playwrights*. New York: Dodd, Mead, 1966.
7. Drabble, Margaret and Stringer, Jenny. *The Concise Oxford Companion to English Literature*. Oxford: Oxford University Press, 2007.

8. Fowler, Roger. Ed. *A Dictionary of Modern Critical Terms*. Rev. ed. London: Routledge&Kegan Paul, 1987.
9. Harmon, William; Holman, C. Hugh. *A Handbook to Literature*. 7th ed. Upper Saddle River, NJ: Prentice-Hall, 1996.
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12. Henderson, Stephen, ed. *Understanding the New Black Poetry*. New York: William Morrow, 1973.
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14. Hudson, William Henry. *An Introduction to the Study of Literature*. New Delhi: Atlantic, 2007.
15. Kernan, Alvin B., ed, *The Modern American Theater*. Englewood Cliffs, N. J.: Princeton Hall, 1967.
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17. Lawrence, Shaffer. *History of American Literature and Drama*. New Delhi: Sarup, 2000.
18. Lewis, Allan. *American Plays and Playwrights of the Contemporary Theatre*. Rev. Ed. New York: Crown, 1970.
19. Moore, Harry T., ed. *Contemporary American Novelists*. Carbondale: Southern Illinois University Press, 1964.
20. Pattee, Fred Lewis. *The Development of the American Short Story: An Historical Survey*. New York: Biblo and Tannen, 1975.
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24. Vendler, Helen. *Part of Nature, Part of Us: Modern American Poets*. Cambridge, Mass.: Harvard University Press, 1980.

25. Voss, Arthur. *The American Short Story: A Critical Survey*. Norman: Univ. of Oklahoma Press, 1980.

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University of Mumbai
Syllabus for S.Y.B.A. (Applied Component)
Program: B.A.
Course: Business Communication
Paper I & II

(Choice Based Credit System with effect from the Academic Year 2017-2018)

1. Syllabus as per Choice Based Credit System:

- i) Name of the Program :S.Y.B.A. (Applied Component)
Semester III and Semester IV
- ii) Course Code : UABC301 & UABC401
- iii) Course Title : **Business Communication**
Papers I & II
- iv) Semester wise Course Contents : Enclosed in the Copy of the Syllabus
- v) References and Additional References : Enclosed in the Syllabus
- vi) Credit Structure : No. of Credits per Semester – 02
- vii) No. of lectures per Unit : As mentioned in the syllabus
- viii) No. of lectures per week : 04

2. Scheme of Examination : 5 Questions of 20 marks each

3. Special notes, if any : No

4. Eligibility, if any : No

5. Fee Structure : As per University Structure

6. Special Ordinances / Resolutions, if any : No

S.Y.B.A (Applied Component)

Course Title: Business Communication

Paper I & II

(100 Marks Examination Pattern)

Objectives:

1. To develop an awareness about the complexity of communication in a dynamic business environment.
2. To develop effective oral, writing and listening skills among learners.
3. To demonstrate the effective use of communication technology.

Course Outcomes:

1. After successful completion of the course, the learner should have enhanced Listening,
2. Speaking, Reading and Writing skills and should be prepared to meet the challenges of
3. Communication in the business world

Semester III	Applied Component	Paper I	2 Credits
	Course Title: Business Communication		

Total Lectures: 60

Unit 1: Theory of Communication

5 Lectures

The Concept of Communication

Models of Communication: Linear / Interactive / Transactional / Shannon
And Weaver (To be discussed, but not to be assessed)

Meaning and Definition of Communication

Process of Communication – Traditional Model of Communication i.e. SMCR (Sender,
Medium, Channel, Receiver)

Need of Communication

Feedback

Emergence of Communication as a Key Concept in the Corporate and Global World

Unit 2: Communication at the Workplace

i. Objectives of Communication

5 Lectures

Information, Education and Training, Motivation, Persuasion, Raising
Morale, Order and Instruction, Warning, Advice and Counseling

ii. Channels of Communication

3 Lectures

Formal and Informal – Vertical, Horizontal, Diagonal, Consensus and Grapevine

iii. Methods of Communication

5 Lectures

Verbal and Non-verbal (including Visual)

- iv. Business Etiquette** **5 Lectures**
Office Etiquette, Internet Etiquette/Netiquette, Business Card Etiquette, Handshake Etiquette, Mobile Phone Etiquette
- v. Barriers to Communication and How to Overcome Them** **5 Lectures**
Physical, Semantic/Language, Socio-Cultural and Psychological Barriers
Ways of overcoming these Barriers
- vi. Listening** **5 Lectures**
Importance of Listening Skills
Barriers to Listening
Cultivating Good Listening Skills
Distinguishing between Hearing and Listening
- vii. Business Ethics** **5 Lectures**
Ethics at the Workplace - Importance of Business Ethics
Personal Integrity at the Workplace
Business Ethics and Media
Computer Ethics
Corporate Social Responsibility

Unit 3: New Media in Communication **5 Lectures**

Impact of Technology Enabled Communication

Types: Internet, Blogs, E-mail, Moodle, Social Media - Facebook, Twitter and

What's App -Advantages & Disadvantages

Unit 4: Business Correspondence

i. Theory of Business Letter Writing **5 Lectures**

Principles of Effective Letter Writing - 'You' Attitude, Jargon, Four C's of Communication – Correctness, Completeness, Conciseness, Courtesy

Parts of a Business Letter

Full Block Layout of a Business Letter

Principles of Effective E-mail Writing

ii. Personnel Correspondence **10 Lectures**

Statement of Purpose

Letter of Recommendation

Job Application Letter and Résumé

Letter of Appointment (To be discussed, but not to be assessed)

Letter of Acceptance of Job Offer
Letter of Appreciation
Letter of Resignation

Unit 5: Writing Skills

Paragraph Writing

2 Lectures

Developing an idea, using appropriate linking devices, Cohesion and Coherence, self-editing etc.

Evaluation Pattern:

Third Semester End Examination	Duration: 3 Hours	100 Marks
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Question 1. : 20 marks (10+10)

A. Explain the terms in 2 to 3 sentences (five out of eight) (From All Units)

B. Objective type questions (From All Units)

Question 2. Short Notes (four out of six) (From Unit 1, Unit 2 & Unit 3) : 20 marks

Question 3. Essay Type Questions (two out of three) (From Unit 2) : 20 marks

Question 4. Personnel Letters (four out of five) : 20 marks

Letter of Recommendation
Letter of Acceptance of Job Offer
Letter of Resignation
Letter of Appreciation
Statement of Purpose

Question 5. 20 marks (10+05+05)

A. Job Application Letter and Résumé (05 + 05)

B. Situation-based Case Study
(From Unit 02 Chap. 2 - Channels of Communication & Unit 2 Chap.5 Barriers to Communication)

C. Paragraph Writing (one out of two)

Semester Four	Applied Component	Paper II	2 Credits
Course Title: Business Communication			

Total Lectures: 60

Unit 1: Group Communication

i. Group Discussions& Interviews 8 Lectures

Group Discussion
 Preparing for an Interview
 Types of Interviews – Selection, Appraisal, Grievance, Exit, Online
 Soft Skills – Emotional Quotient (EQ), Conflict Management

ii. Meetings 8 Lectures

Need and Importance of Meetings
 Types of Meetings
 Conduct of a Formal Meeting
 Group Dynamics
 Role of the Chairperson
 Role of the Participants
 Drafting of Notice, Agenda and Resolutions

iii. Committees & Conferences 8 Lectures

Importance of Committees
 Types of Committees
 Meaning of Conference
 Importance of Conferences
 Organizing a Conference
 Modern Methods of Conducting Conferences - Skype & Webinar

Unit 2: Public Relations 10 Lectures

Meaning of Public Relations (PR)
 Functions of the PR Department of an Organization
 External and Internal Measures of Promoting PR
 Crisis Management
 Press Releases

Unit3: Business Correspondence**15 Lectures**

Trade Letters
 Letters of Inquiry
 Letters of Complaints, Claims, Adjustments
 Sales Letters, Promotional Leaflets and Fliers
 Consumer Grievance Redressal Letters
 Letters under Right to Information (RTI) Act

Unit 4: Report Writing**6 Lectures**

Parts of a Business Report
 Types of Business Reports
 Feasibility Reports (Reports to be Prepared)
 Investigative Reports (Reports to be Prepared)

Unit 5: Language and Writing Skills**5 Lectures****Summarisation**

Identification of main and supporting/sub points
 Presenting the points in a cohesive manner

Evaluation Pattern:

Fourth Semester End Examination	Duration: 3 Hours	100 Marks
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Question 1. Short Notes (four out of six) (Units 1 & Unit 2) :20 marks

Question 2. Essay Type Questions (two out of three) (Units 1 & Unit 2) :20 marks

Question 3. Letters (four out of five) :20 marks

Letter of Inquiry
 Complaint & Claim/Adjustment Letter
 Sales Letter/Flier
 Consumer Grievance Redressal Letter
 RTI Letter

Question 4. :20 marks (10 +10)

A. Drafting a Business Report

B. Drafting a Notice, Agenda and 02 Resolutions

Question 5.

20 marks (10+05+05)

- A. Explain the terms in 2 to 3 sentences (five out of eight) (From all Units)
- B. Objective Type Questions (From all Units)
- C. Summarization (Unseen passage)

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30. Gupta, Anand Das (2010) *Ethics, Business and Society: Managing Responsibly*, Response Books, New Delhi.
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32. Krevolin, Nathan (1983) *Communication Systems and Procedures for Modern Office*, Prentice Hall, New Jersey.
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General Reading List for Improved Language Skills:

[N.B. The list is only indicative and not prescriptive.]

1. Yousafzai Malala. *I Am Malala*, Weidenfeld & Nicolson, U.K.
2. Bach Richard. *Illusions II*, Create Space Independent Publishing Platform (Amazon).
3. Pillai, Radhakrishnan. *Corporate Chanakya*, Jaico Publishing House, Mumbai.
4. Tzu, Sun. *The Art of War*, Fingerprint Publishing (Amazon).
5. Goldratt, Eliyahu M. *The Goal*, Productivity & Quality Publishing (Amazon).
6. Goldratt, Eliyahu M. *It's Not Luck*, North River Press, U.S.A.
7. Murthy, Sudha. *Wise and Otherwise* Penguin India, New Delhi.
8. Choudhary, Arindam. *Count Your Chickens before They Hatch*, Vikas Publishing House, India.
9. Kalam, APJ. *Wings of Fire*, Universities Press, India.
10. Kalam APJ. *Ignited Minds*, Penguin India, New Delhi.

Suggested List of Websites

1. <http://lifehacker.com/top-10-ways-to-improve-your-communication-skills-1590488550>
2. <https://www.thebalance.com/verbal-communication-skills-list-2059698>
3. <https://bemycareercoach.com/soft-skills/list-soft-skills.html>
4. <https://www.thebalance.com/verbal-communication-skills-list-2059698>
5. <https://bemycareercoach.com/soft-skills/list-soft-skills.html>
6. <https://www.sitepoint.com/social-networking-sites-for-business>

Suggested List of You Tube Videos

1. <https://www.youtube.com/watch?v=K15ca0n0ois>
2. <https://www.youtube.com/watch?v=ixSUB11WNxk>
3. <https://www.youtube.com/watch?v=K15ca0n0ois>
4. <http://www.lifehack.org/.../communication/improvecommunicationskills.html>

IIT Kanpur Video Lectures

1. <http://nptel.ac.in/courses/109104031/>
2. <http://nptel.ac.in/courses/109104030/>

Suggested List of MOOCs

1. <https://www.mooc-list.com/tags/communication-skills>
2. <https://www.mooc-list.com/.../effective-communication>
3. <https://www.mooc-list.com/tags/business-communication>
4. <https://www.skilledup.com/.../learn-communications-online-free>
5. <http://www.about.com/Communication+Skills+List>

Coursera

1. <https://www.coursera.org/learn/management-leadership-english#>
2. <https://www.coursera.org/learn/business#>
3. <https://www.coursera.org/learn/powerpoint-presentations>

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University of Mumbai
Syllabus for S.Y.B.A. (Applied Component)
Program: B.A.
Course: Mass Communication
Paper I & II

(Choice Based Credit System with effect from the Academic Year 2017- 18)

1. Syllabus as per Choice Based Credit System

i) Name of the Programme	: S.Y B.A. (Applied Component) Semester III and IV
ii) Course Code	: UAMASSCOM301 & UAMASSCOM401
iii) Course Title	: Mass Communication, Paper I & II
iv) Semester wise Course Contents	: Enclosed the copy of the syllabus
v) References and additional references	: Enclosed in the Syllabus
vi) Credit structure	: No. of Credits per Semester - 02
vii) No. of lectures per Unit	: As mentioned in the syllabus
viii) No. of lectures per week	: 04
2. Scheme of Examination	: 5 Questions of 20 marks each
3. Special notes, if any	: No
4. Eligibility, if any	: No
5. Fee Structure	: As per University Structure
6. Special Ordinances / Resolutions, if any	: No

S.Y.B.A. (Applied Component)
Course Title: Mass Communication
Paper I & II
(100 Marks Examination Pattern)

Objectives:

1. To introduce the students to some major aspects of communication and mass communication.
2. To develop among the students a broad perspective of the past and the present status of Mass Media in India.
3. To develop among the students a critical understanding of the Mass Media with regard to their presentation formats, roles and audiences in Indian context.
4. To develop among the students a critical understanding of some special roles of different Mass Media in India.
5. To help the students to assess the contribution of Indian mass media to national development.
6. To acquaint the students with some issues and laws related to mass media in India.
7. To introduce the students to various job and career opportunities in media industry.

Course Outcome:

By the end of the course the students should be able to receive and analyse various media products critically and become interested in jobs or career in Media Industry.

Semester III	Paper I	2 Credits
Course Title: Mass Communication		

Total Lectures: 60

Unit 1: Nature of Communication

10 lectures

- a. Definitions, elements and process of communication
- b. Types - interpersonal, group and mass communication
- c. Modes - verbal and non-verbal
- d. Means – traditional, electronic, digital
- e. Barriers – physical, linguistic, psychological and cultural

Unit 2: Nature of Mass Communication

15 lectures

- a. Concept of 'mass audience'
- b. The process of mass communication
- c. Features of mass communication
- d. Functions of mass communication: entertainment, surveillance, education, interpretation, persuasion, socialization, opinion building.
- e. Channels of mass communication: traditional folk media, print media, electronic media, new/digital media

Unit 3: Mass Media in India: Brief history and current status of each of the media- viz. newspaper, radio, television and cinema **15 lectures**

- a. Its beginning in India
- b. Milestones in its technological advancement
- c. Its reach / total users at present (regional, special, demographic coverage)
- d. Its ownership, control and governance

Unit 4: Media Types & Presentation Formats: their nature, function and target audience.

20 lectures

- a. Major types of newspapers and magazines
- b. Major formats of newspaper items
- c. Major formats of radio programmes
- d. Major formats of TV programmes
- e. Major types of films
- f. Major web based social media /networking sites

Evaluation Pattern:

Third Semester End Examination	Duration: 3 Hours	100 Marks
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Q.1 Objective Type:

- a) Explain the following in 2/3 sentences (5 terms from all the 4 units) : 10 marks
- b) Multiple choice questions (5 questions on all the 4 units) : 05 marks
- c) State whether the statements are true or false (5 statements on all the 4 units) : 05 marks

Question No. 2 to 5 on Unit No. 1 to 4 respectively:

- Q.2 a) 1 Full length essay type question : 20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10)=20 marks
- Q.3 a) 1 Full length essay type question : 20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10)=20 marks
- Q.4 a) 1 Full length essay type question : 20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10) = 20 marks
- Q.5 a) 1 Full length essay type question : 20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10) = 20 marks

Semester IV Paper II 2 Credits Course Title: Mass Communication
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Total Lectures: 60

Unit 1: Special Roles of Mass Media in India

20 lectures

- a. Print media as an interpreter and a watchdog
- b. Radio as a patron of music
- c. Television and surveillance
- d. Television and its impact on the Indian family institution
- e. Television and Consumerism
- f. Films voicing social problems
- g. Social networking sites and mass campaigns

Unit 2: Indian Mass Media and National Development

15 lectures

- a. Role of media in exposing anti-development elements
- b. Role of media in strengthening democracy
- c. Role of media in education
- d. Role of media in promoting government schemes

Unit 3: Media Related Issues and Laws in India

15 lectures

- a. Freedom of expression and Censorship
- b. The relationship between the media and the government
- c. Media objectivity, including media bias and political leanings
- d. Objectionable advertising
- e. Major laws in India related to media

Unit 4: Roles / Functions of Media Personnel and Career Opportunities in Mass Media

10 lectures

Evaluation Pattern:

Fourth Semester End Examination	Duration:3 Hours	100 Marks
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Q.1 Objective Type:

- a) Explain the following in 2/3 sentences (5 terms from all the 4 units) :10 marks
- b) Multiple choice questions (5 questions on all the 4 units) :05 marks
- c) State whether the statements are true or false (5 statements on all the 4 units):05 marks

Question No. 2 to 5 on Unit No. 1 to 4 respectively:

- Q.2 a) 1 Full length essay type question :20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10) = 20 marks
- Q.3 a) 1 Full length essay type question :20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10) = 20 marks
- Q.4 a) 1 Full length essay type question :20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10) = 20 marks
- Q.5 a) 1 Full length essay type question : 20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10) = 20 marks

Bibliography:

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18. Seetharaman S : Communication and culture , Associate pub. Mysore, 1991.
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21. Vilanilam J.V. : Development Communication in Practice, Sage , 2009

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University of Mumbai
Syllabus for S.Y.B.A. (Applied Component)
Program: B.A.
Course: Introduction to Journalism
Paper I & II

(Choice Based Credit System with effect from the Academic Year 2017-2018)

1. Syllabus as per Choice Based Credit System

- i) Name of the Program : S.Y.B.A. (Applied Component)
Semester III & Semester IV
- ii) Course Code : UAJOUR301 & UAJOUR401
- iii) Course Title : **Introduction to Journalism, Paper I & II**
Semester III: (Fundamentals of Journalism and Reporting)
Semester IV: (Editing, Feature Writing and Layout)
- iv) Semester wise Course Contents : Enclosed the copy of syllabus
- v) References and Additional References : Enclosed in the Syllabus
- vi) Credit Structure : No. of Credits per Semester – 02
- vii) No. lectures per Unit : As mentioned in the syllabus
- viii) No. of lectures per week : 04
- 2. Scheme of Examination** : 5 Questions of 20 marks each
- 3. Special notes , if any** : No
- 4. Eligibility, if any** : No
- 5. Fee Structure** : As per University Structure
- 6. Special Ordinances / Resolutions if any** : No

S.Y.B.A. (Applied Component)

Course Title: Introduction to Journalism

Papers I & II

(100 Marks Examination Pattern)

Objectives:

1. To acquaint the learners with the basic concepts of journalism and to familiarize them with the content of a newspaper and departments of the news paper publishing house.
2. To sensitize them to the styles of journalistic prose
3. To inculcate in them the skills of reporting, editing and feature writing in print medium
4. To enable the students to have a career perspective in journalism

Course Outcomes:

1. To write in various journalistic formats effectively
2. To become citizen reporters
3. To develop a career perspective in journalism

Semester III	Paper I	2 Credits
Course Title: Introduction to Journalism --Fundamentals of Journalism and Reporting		

Total Lecture: 60

Unit 1: Introduction:

12 lectures

What is news; Origin and development of the Indian Press; Major Press Laws in India: Adam's Regulations, Vernacular Press Act; Press and Socio-Political issues in pre and post Independence India: Freedom Movement, Emergency, Violence in society.

Unit 2: Agencies, Electronic Journalism, Ethics:

12 lectures

News Agencies, Press Syndicate, Electronic Journalism, Ethics in Journalism.

Unit 3: Organization and structure of a newspaper house:

12 lectures

Circulation, Advertising, Editorial and Mechanical Departments.

Unit 4: Basics of Reporting:

12 lectures

News Value, News Gathering, Readers' interest, qualities and aptitude necessary for a reporter, Types of reports.

Unit 5: Writing of Reports:**12 lectures**

Basic principles: objectivity, accuracy, speed, clarity and integrity, Parts of a news report, 5Ws, Headline writing, Types of Leads, and Report writing.

Evaluation Pattern:

Third Semester End Examination	Duration: 3 Hours	100 Marks
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Question 1: One Essay or Two Short essays on Unit 1	:20 Marks
Question 2: One Essay or Two Short essays on Unit 2	:20 Marks
Question 3: One Essay or Two Short essays on Unit 3	:20 Marks
Question 4: Short notes on Unit 4 and 5 (four out of six)	:20 Marks
Question 5: Unit 5: Students to write a news report with clear headlines and lead on a given topic (one out of two)	:20 Marks

Semester IV	Paper II	2 Credits
Course Title: Introduction to Journalism -- Editing, Feature Writing and Layout		

Total Lectures: 60
8 lectures

Unit 1: Basics of Editing:

Principles of editing, editorial policy, role of the Editor, role of the News Editor, role of Chief Sub-editor, role of Sub-editors.

Unit 2: Process of Editing:**16 lectures**

Compiling of data, Editing for Language and style, editing for space, editing for correctness, editing for clarity.

Unit 3: Editing an article:**12 lectures**

Students are expected to learn how to edit an article for newsworthiness, length and suitable expression.

Unit 4: Basics of Feature Writing:**12 lectures**

Types of features: Obits, Reviews, Columns, Trend stories. Students are expected to learn how to write a feature on a contemporary topic.

Unit 5: Design and Make up:**12 lectures**

Make up and its functions, Types of Layout: Horizontal , Vertical Make up, Circus Make up, Modular layout, Broadsheet layout, tabloid layout, Fonts and Typography.

Evaluation Pattern:

Fourth Semester End Examination	Duration: 3 Hours	100 Marks
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- Question 1: One Essay or Two Short essays on Unit 1 :20 Marks
- Question 2: One Essay or Two Short essays on Unit 2 :20 Marks
- Question 3: Edit an article or report. :20 Marks
- Question 4: Write a feature on a contemporary topic. (one out of two) :20 Marks
- Question 5: Short notes on Unit 4 and Unit 5 (four out of six) : 20 Marks

References:

1. Kamath. M V. *Professional Journalism*. New Delhi: Vikas Publishing House, 1980.
2. Mencher, Melvin. *Basic News Writing*. New Delhi: Universal Book Stall, 1992.
3. Menon, P. K. *Practical Journalism*. Jaipur: Avishkar Publishers, 2005.
4. Natrajan. J. *History of Indian Journalism*. New Delhi: Ministry of Information and Broadcasting, 1995.
5. Parthasarathy, Rangaswami. *Basic Journalism*. New Delhi: MacMillan India Ltd. 1989.
6. Parthasarathy, Rangaswami. *Here is the News! Reporting for the Media*. New Delhi: Sterling Publishers, 1994.
7. Prasad, Sharada. Rukun Advani (et al) *Editors on Editing*. New Delhi: National Book Trust, 2004.
8. Selvaraj, Madhur. *News Editing and Reporting*. New Delhi: Dominant Publishers, 2005

Web resources:

1. Journalismcourses.org Knight Center for Journalism in the Americas.
2. Introduction to Journalism
Created by Strathclyde delivered by FutureLearn
3. www.mooc-list.com.

Syllabus Prepared by:

Convener:

Dr. Susmita Dey, Department of English, V. G.Vaze College, Mulund

Member:

Dr. Nilakshi Roy, Department of English, Member, V. G.Vaze College, Mulund.

University of Mumbai
Syllabus for S.Y.B.A. in Public Relations (Applied Component)
Program: B.A.
Course: Public Relations

(Choice Based Credit System with effect from the Academic Year 2017-2018)

1. Syllabus as per Choice Based Credit System:

- | | | |
|-----------|--|---|
| i) | Name of the Program | : S.Y.B.A. (Applied Component)
Semester III and IV |
| ii) | Course Code | : UAPR3A1 & UAPR4A1 |
| iii) | Course Title | : Public Relations
Papers I & II |
| iv) | Semester wise Course Contents | : Enclosed the copy of syllabus |
| v) | References and Additional References | : Enclosed in the Syllabus |
| vi) | Credit Structure | : No. of Credits per Semester – 02 |
| vii) | No. of lectures per week | : 04 |
| viii) | No. of lectures per unit | : 12 |
| 2. | Scheme of Examination | : 5 Questions of 20 marks each |
| 3. | Special notes, if any | : No |
| 4. | Eligibility, if any | : No |
| 5. | Fee Structure | : As per University Structure |
| 6. | Special Ordinances / Resolutions if any | : No |

S.Y. B.A.: Public Relations (Applied Component)

Paper I and Paper II

(100 Marks Examination Pattern)

Objectives:

1. To introduce learners to the origin, basic concepts and activities of Public Relations.
2. To make learners familiarize about the vital role of PR Department in the modern world.
3. To make learners understand the basic skills of the PR practitioner and provide them with an understanding of the tools of PR.
4. To make learners aware about the significance of communication skills in Public Relations.
5. To give learners an insight about the uses and functions of Public Relations.
6. To explain the learners' importance of ethics and professional code for PR practitioner.

Course Outcome: By the end of the course, a student should develop the ability:

1. To understand and to explain the basic theory of Public relations with its various aspects.
2. To recognize various dimensions of Public Relations.
3. To develop curiosity and desire regarding making careers in PR and its related areas.

Semester III	Paper 1 Course Title: Public Relations	2 Credits
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Total Lectures: 60

Unit 1: Introduction to Public Relations

- PR: Origin, definition, activities, and role of PR
- Objectives of Public Relations
- Evolution and the development of modern Public Relations
- Importance of Public Relations in business, industry, and in governmental and nongovernmental sectors

Unit 2: Elements, Principles and Components of Public Relations

- Principles of Public Relations
- Elements of Public Relations
- Components of PR-Employees Relations, Industrial Relations, Community Relations, Customer Relations, Financial Relations, Press Relations, Government Relations and Liaison, Special Events, Counseling Research, Publicity, Fund Raising/Launches
- Misconceptions about PR –Propaganda, Fine Appearance, Free Gifts, Annual Parties, Protocol, Goodwill
- Do's and Don'ts of Public Relations

Unit 3: Theories of Communication

- Concept and cycle of Communication
- Importance of communication skills for PR
- Various forms of communication
- Tools of Communication
- Objectives of Communication
- Barriers to Communication
- How to overcome Barriers to Communication
- Art of listening

Unit 4: Functions and uses of PR

- Functions and uses of Public Relations
- Organizational structure of PR Department
- Public Relations as Management Function
- The uses of public relations include: Employee Relations/Employee Communication, Community relations/affairs Media Relations, Financial Public Relations, Corporate Relations, Political, Public Relations/Government Liaison
- PR Consultancy
- Impacts of PR on society

Unit 5: Crisis Management

- Definition and nature of Crisis
- Types of crisis
- Guiding principles for Crisis Management
- Process of preparing for Crisis Management
- The services provided by the PR during crisis.
- The review of Crisis Management
- Crisis communication in times of industrial disasters, image problems, Consumer pressures, quality issues

Evaluation Pattern:

Third Semester End Examination	Duration:3 Hours	100 Marks
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Question1. Objective type questions: (based on all units)

- a) Answer the following questions in one sentence each. :05 marks
- b) Choose the correct alternative and fill in the blanks. :05 marks
- c) Match the following pairs. :05 marks
- d) State whether the following statements are true or false. :05 marks

Question 2. Based on Unit 1

- a) 1 Full length essay type question :20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10) =20 marks

Question 3. Based on Unit 2

- a) 1 Full length essay type question :20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10) =20 marks

Question 4. Based on Unit 3

- a) 1 Full length essay type question :20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10) = 20 marks

Question 5. Based on Unit 4 and 5

Write short notes on the following (4 out of 6) :20 marks

Semester IV	Paper II	2 Credits
	Course Title: Public Relations	

Total Lectures: 60

Unit 1: Internal and External Communication and Tools of Public Relations

- Channels of Communications within Organization- House Organs, Magazines, Notice etc.
- Modes and Methods of Communication
- Tools for PR
- External Communication- Press relations, Liaison with Chambers of Commerce, Industry, Associations, Government Organizations

Unit 2: Institutional Public Relations

- Corporate Promotion through Public Relations
- Scope and contribution of P.R. in growth and progress of corporate sector
- Relations with corporate public
- Public Sector P.R.
- Relations with Shareholders, Relations with Dealer – Distributor, Relations with Financial Institutions, Relations with other Business Groups Community Relations, Consumer Relations

Unit 3: Ethics and Code of Conduct in PR

- Principles of Public Relations Practice
- Code of Ethics prescribed by PR Society of India
- IPRA Code of Conduct
- Purpose of Professional Bodies
- Code of AIR and T.V. Channels
- Code of commercial advertising on T.V. Channels
- Advertising and PR ethics.

Unit 4: Public Relations in Practice

- Qualities of a PR Practitioner
- Areas of Work (Functions) of Public Relations Practitioners—Writing, Editing, Media Relations, Special Events, Mass Media Production, Corporate Counseling, Crisis Communication, Managing News and Features
- Effective Oral Communication skill
- Skills for PR -Effective Public Speaking, Writing Skills, Debating Skills, Group Interaction.
Written Communication and Audio-Visual Aids for PR

Unit 5: Public Relations and other related areas

- PR and Marketing, PR and Advertising, PR and Corporate Promotions, PR and Journalism, PR and Business Communication, PR and Psychology, Research in PR
- Image building through PR
- Measures for public opinion and feedback.

Evaluation Pattern:

Fourth Semester End Examination	Duration: 3 Hours	100 Marks
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Question 1. Objective Type: (Based on all units)

- a) Answer the following questions in one sentence each 05 marks
- b) Choose the correct alternative and fill in the blanks. 05 marks
- c) Match the following pairs. 05 marks
- d) State whether the following statements are true or false. 05 marks

Question 2. Based on Unit 1

- a) 1 Full length essay type question :20 marks
OR
- b) 2 Short essay type questions (a and b) :(10+10) =20 marks

Question 3. Based on Unit 2

- a) 1 Full length essay type question :20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10) =20 marks

Question 4. Based on Unit 3

- a) 1 Full length essay type question :20 marks
OR
b) 2 Short essay type questions (a and b) :(10+10) = 20 marks

Question 5. Based on Unit 4 and 5

Write short notes on the following (four out of six) :20 marks

References:

1. Carl H. Botan, *Public Relations Theory Book*, Vincent Hazleton Jr.; Lawrence Erlbaum Associates, 1989
2. Caroline block *The PR Practioner's : A Handbook* ,VivabooksPvt Ltd,2003
3. Dalpat Singh Mehta, *Handbook of Public Relations in India*, Allied Publishers
4. David, W. Wragg, *An introduction to Public- Relations*, Oxford, U.K, 1992
5. Donald Treadwell, Jill B. Treadwell, *Public Relations Writing: Principles in Practice* Book, Sage Publications
6. Iqbal Sachdeva, *Public Relations: Principles and Practices*, Oxford Higher Education, 2010
7. Jaishri Jethwaney , *Corporate Communications: Principles and Practices*, Oxford University Press, 2010
8. James E. Grunig, David M. Dozier, William P. Ehling, Larissa A. Grunig, Fred C. Repper, Jon White, *Excellence in Public Relations and Communicatio*, Management Lawrence Erlbaum Associates, 1992
9. Keith Butterick, *Introducing Public Relations: Theory and Practice*, Sage Publications,2010
10. Krishnamurthy Sriramesh, *Public Relations in Asia: An Anthology*, Thomson, 2004

11. Seema Sharma, *Public- Relations* Anmol Publications PVT LTD. 2005
12. Sharma, Diwakar, *Public Relations*, Deep and Deep Publications, New Delhi, 2004.
13. Shelburne, Merry, *Effective Public Relations: A Practical Approach*, Biztantra, New Delhi, 2003
14. Ronald D. Apr Smith, *Strategic Planning for Public Relations*, Lawrence Erlbaum Associates, 2005

Syllabus Prepared by:

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University of Mumbai
Syllabus for S.Y.B.A. in Women's Studies (Applied Component)
Program: B.A.
Papers I & II
Course: Women's Studies

(Choice Based Credit System with effect from the Academic Year 2017-2018)

1. Syllabus as per Choice Based Credit System:

- | | | |
|-----------|--|---|
| i) | Name of the Programme | : S.Y.B.A. (Applied Component) |
| ii) | Course Code | : UAWS3A1 & UAWS4A1 |
| iii) | Course Title | : Women's Studies
Papers I & II |
| iv) | Semester-wise Course Contents | : Enclosed the copy of syllabus |
| v) | References & Additional References | : Enclosed in the Syllabus |
| vi) | Credit Structure | : No. of Credits per Semester – 02 |
| vii) | No. of lectures per unit | : 15 |
| vii) | No. of lectures per week | : 04 |
| 2. | Scheme of Examination | : 5 Questions of 20 marks each |
| 3. | Special notes, if any | : Teaching of Unit 5 will be
incorporated into the instruction time
allocated to units 1-4 |
| 4. | Eligibility, if any | : No |
| 5. | Fee Structure | : As per University Structure |
| 6. | Special Ordinances / Resolutions if any | : No |

**S.Y.B.A. Women's Studies (Applied Component)
Paper I and II
(100 Marks Examination Pattern)**

Objectives:

1. To introduce learners to feminist thoughts in different locations and build a theoretical and practical understanding of the different sites of women's oppression globally
2. To examine the links between cultural practices, social processes and feminist approaches
3. To introduce learners to feminist debates on legal terrains

Course Outcomes: By the end of the course, a student should develop the ability:

1. To use methodological tools to carry out research in areas of women's studies
2. To apply various feminist theories to areas of debate in women's studies

Semester III	(Applied Component)	Paper 1	2 Credits
Course Title: Women's Studies			

Total Lectures: 60

Unit 1: Introduction:

15 lectures

- The Scope and Practice of Women's Studies
- The importance of Women's Studies
- Perspectives
- Problems of using mainstream methodology
- Sex and gender
- Patriarchies
- Gender socialization
- Gender of politics, religion and caste in the Indian context

Unit 2: Gender Studies:

15 lectures

- Liberal
- Marxist
- Radical
- Psychoanalytical
- Masculinitie

Unit 3: Women and Body:

15 lectures

- Women and Health
- Body Shaming
- Body Dysmorphic Disorders
- Agency over Body

- Motherhood
- Biomedical Ethics
- Abortion, IVF, Contraception
- Gynocriticism

Unit 4: Women and Law:

15 lectures

- Historical and Contemporary Overview
- Demographic, Social, Cultural, Economic and Political nature of laws
- National and State Policies
- Indian Constitution and Women
- Unwritten Social Laws for Women

Laws to be specified (marriage, rape, dowry, inheritance, divorce, IVF, maternity, domestic violence)

Unit 5: Expressions of Feminist Consciousness:

- Ismat Chughtai- “The Quilt” (“Lihaaf”)
- Saadat Hasan Manto- “Open It” (“Khol Do”)
- Gloria Naylor- “The Two” (from “Women of Brewster Place”)

Evaluation Pattern:

Third Semester End Examination	Duration: 3 Hours	100 Marks
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Question 1:	Essay on Unit 1 (one out of two)	:20 Marks
Question 2:	Essay on Unit 2 (one out of two)	:20 Marks
Question 3:	Essay on Unit 3 (one out of two)	:20 Marks
Question 4:	Essay on Unit 4 (one out of two)	:20 Marks
Question 5:	Short notes on Unit 5 (two out of four)	:20 Marks

Semester IV	Applied Component	Paper II	2 Credits
Course Title: Women's Studies			

Total Lectures: 60
15 lectures

Unit 1: Women and Work:

- Concept of work with reference to women
- Definition and valuation of productive/unproductive work
- Visible/invisible work, socially productive work
- Concept and measurement of women's work
- Working conditions
- Maternity leave
- Working mothers
- Gender-specific jobs
- Legislation towards better working conditions for women
- Sexual harassment at the workplace

Unit 2: Gender Studies:

15 lectures

- Postmodern
- Postcolonial
- Ecofeminism
- Introduction to Queer Theory

Unit 3: Women's Movement in India and Maharashtra:

15 lectures

- Liberal reforms-Colonization and Impact of British Rule
- Women's role in independence movement
- Impact of Gandhism, Dr. B.R. Ambedkar and Dalit Movement
- Anti-price movement in the late sixties
- UN declared Women's Decade-1975 and after
- Chipko Movement
- Self Help Groups

Unit 4: Women and Media:

15 lectures

- Male Gaze/ Scopophilia
- Feminist film criticism
- Sexual Double Standards

- Casting Couch
- Stereotyping
- Empowering women through media
- Images of women in literature, newspapers, advertisements etc.
- Women and Mass Media: Actresses, Movies, Theatre, Television
- Women and New Media: Cartoons, Manga, Anime, Social media

Unit 5: Routes of Gender Consciousness:

- Kalki Koechelin's 'Unblushed'
- Lily Myers- 'Shrinking Women'
- Keith Jarrett- 'A Gay Poem'

Evaluation Pattern:

Fourth Semester End Examination	Duration: 3 Hours	100 Marks
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Question 1:	Essay on Unit 1 (one out of two)	:20 Marks
Question 2:	Essay on Unit 2 (one out of two)	:20 Marks
Question 3:	Essay on Unit 3 (one out of two)	:20 Marks
Question 4:	Essay on Unit 4 (one out of two)	:20 Marks
Question 5:	Short notes on Unit 5 (two out of four)	:20 Marks

References:

1. Bailey, Alison, and Chris J. Cuomo. *The Feminist Philosophy Reader*. Boston: McGraw-Hill, 2008. Print.
2. Bhasin, Kamala. *What is Patriarchy?* Kali for Women, 1993.
3. Bhutalia, U and T Sarkar (eds.) *Women and the Hindu Right*. New Delhi: Kali for Women, 1996.
4. Butler, Judith. *Gender Trouble: Feminism and the Subversion of Identity*. London and New York: Routledge, 1990.
5. Carilli, Theresa & Jane Campbell (Ed.). *Challenging Images of Women in the Media*. Lanham: Lexington Books, 2012.
6. Chandhuri, Maitreyee. *Feminism in India*, New Delhi: Women Unlimited, 2003

7. Felski, Rita. *Beyond Feminist Aesthetics: Feminist Literature and Social Change*. Cambridge, Mass.: Harvard University Press, 1989.
8. Forbes, Geraldine. *The New Cambridge History of India: Women in Modern India*. Cambridge: Cambridge University Press, 1998.
9. Gallop, Jane. *The Daughter's Seduction: Feminism and Psychoanalysis*. Ithaca: Cornell University Press, 1982.
10. Ghai, Amita. *(Dis)-embodied Form: Issues of Disabled Women*. New Delhi: Haranand Publications, 2003
11. Ghosh J. *Never Done and Poorly Paid: Women's Work in Globalizing India*. New Delhi: Women Unlimited, 2009.
12. Goffman, Erving. *Gender and Advertisement*, New York: Harpet and Row, 1976.
13. Hasan, Z. (ed.), *Forging Identities: Gender, Communities and the State*. New Delhi: Kali for Women, 1994.
14. Lindsay, Linda L. *Gender Roles: A Sociological Perspective*. NJ: Engelwood Cliffs, Prentice Hall, 2nd edn, 1994.
15. Mohanty Chandra Talpade *Feminism Without Borders: Decolonizing Theory, Practising Solidarity*, New Delhi: Zubaan, 2003.
16. Menon, N. (ed) *Gender and Politics in India*, New Delhi: Oxford University Press. 1999.
17. _____. *Recovering Subversion: Feminist Politics Beyond the Law*. New Delhi: Permanent Black. 2004
18. _____. *Sexualities*, New Delhi: Women Unlimited (introduction and Section V). 2000.
19. Moi, Toril. *Sexual/Textual Politics: Feminist Literary Theory*. London: Methuen & Co., 1985.
20. Morgan S. (ed) *The Feminist History Reader*, London: Routledge. 2006.
21. Mulvey, Laura. "Visual Pleasure and Narrative Cinema", *Screen* 16.3 Autumn. 1975
22. Narain Arvind and Gupta Alok. *Law Like Love*, New Delhi: Yoda Press. 2011.
23. Rao, Anupama (ed.) *Gender and Caste*, New Delhi: Women Unlimited. 2003.
24. Roy K. (ed.). *Women in Early Indian Societies*. New Delhi: Oxford University Press. 2001.
25. Spivak, Gayatri Chakravorty. *In Other Worlds: Essays in Cultural Politics*. New York and London: Methuen, 1987.

26. Sunder Rajan, R. *The Scandal of the State: Women, Law and Citizenship in Postcolonial India*. New Delhi: Permanent Black. 2004.
27. Thorat Sukhdeo and Kumar Narendra, B.R. *Ambedkar: Perspectives on Social Exclusion and Inclusive Policies*, New Delhi: Oxford University Press. 2008.
28. Tong, Rosemarie. *Feminist Thought: A Comprehensive Introduction*. Westview Press, 1984.
29. Vaid S and K. Sangari. *Recasting Women*. New Delhi: Kali for Women. 1989.
30. Van Zoonen, Lisbet. *Feminist Media Studies*, New Delhi: Sage. 1994.
31. Wiley, Margaret C. *Women, Wellness, and the Media*. Newcastle: Cambridge Scholars Publishing, 2008.

Webliography:

<http://www.worldcat.org/title/can-the-subaltern-speak-reflections-on-the-history-of-an-idea/oclc/320798587?page=citation>

<http://www.worldcat.org/title/feminist-thought-a-more-comprehensive-introduction/oclc/156811918?page=citation>

<http://www.worldcat.org/title/language-and-gender/oclc/49743660?page=citation>

<http://www.worldcat.org/title/readers-guide-to-contemporary-literary-theory/oclc/19629744?page=citation>

<http://www.worldcat.org/title/room-of-ones-own/oclc/326933?page=citation>

<http://www.worldcat.org/title/sex-change-social-change-reflections-on-identity-institutions-and-imperialism/oclc/60567060?page=citation>

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University of Mumbai
Syllabus for S.Y.B.A. (Applied Component)
Program: B.A.
Course: Introduction to Advertising

(Choice Based Credit System with effect from the Academic Year 2017-2018)

1. Syllabus as per Choice-Based Credit System:

- i) Name of the Program : S. Y. B.A. (Applied Component)
Semester III and IV
- ii) Course Code :
- iii) Course Title : **Introduction to Advertising**
Semester III: Paper I, (Basic Concepts of Advertising)
Semester IV: Paper II, (Creativity and Research in Advertising)
- iv) Semester wise Course Contents : Enclosed the copy of syllabus
- v) References and Additional References: Enclosed in the Syllabus
- vi) Credit Structure : No. of Credits per Semester – 02
- vii) No. of lectures per Unit : 12
- viii) No. of lectures per week : 04
- 2. **Scheme of Examination** : 5 Questions of 20 marks each
- 3. **Special notes, if any** : No
- 4. **Eligibility, if any** : No
- 5. **Fee Structure** : As per University Structure
- 6. **Special Ordinances / Resolutions if any** : No

S.Y. B.A. (Applied Component)

Course Title: Introduction to Advertising

Paper I & II

(100 Marks Examination Pattern)

Objectives:

1. To introduce the learners to the basic concepts in advertising
2. To help them to understand the link between advertising and society
3. To enable them to develop copy writing skills

Course Outcomes:

By the end of the course, a student should develop the ability:

1. To write clearly, coherently and effectively about various concepts in advertising
2. To recognize the different aspects of advertising as a profession
3. To develop a critical sense of the impact and influence of advertising

Semester III	Applied Component	Paper I	2 Credits
Course Title: Introduction to Advertising -- Basic Concepts of Advertising			

Total Lectures:60

Unit 1. Introduction to Advertising

12 lectures

- a. Advertising: Evolution of advertising, Features of advertising, Active participants, Role of Advertising in Marketing Mix.
- b. Classification of Advertising:
Social Advertising, Political Advertising, Advocacy Advertising, Retail Advertising, Financial Advertising, Corporate Image Advertising, Primary & Selective Advertising.

Unit 2. Advertising, Marketing and Communication

12 lectures

- a. Introduction to Integrated Marketing Communication, Advertising and Publicity, Public Relation, Sales promotion, Product Life Cycle, Low involvement and High Involvement Products
- b. Advertising and Brand Building, Consumer Behavior, Target Audience and market segmentation

Unit 3. Media in Advertising**12 lectures**

- a. Factors influencing media selection and Media Planning Strategies
- b. Media options for advertising – Television, Radio (special reference to FM), Internet, Print, Film, Outdoor advertising and Social Media
- c. Concepts – Media buying, Media Selling, Media Mix, Clutter, Zipping & Zapping

Unit 4. Economic & Social Aspects of Advertising**12 lectures**

- a. Economic aspects of advertising: impact on production, distribution and consumer cost, advertising and competition
- b. Social aspects of advertising, advertising and culture (values, festivals, customs), standard of living, ethics in advertising
- c. Regulation and control on advertising in India – Advertising Standard Council of India (ASCI), Advertising Agencies Association of India (AAAI), and Information & Broadcasting Ministry

Unit 5. Advertising Agency and Advertising as a Career**12 lectures**

- a. Advertising Agency– definition, types of services offered, types of advertising agencies, structure of ad agencies, agency selection criterion, ways of getting clients with special reference to creative pitch
- b. Career options available in advertising field – advertising agency, media, production houses, research and allied fields – printing, graphics and animation, modeling and dubbing

Evaluation Pattern:

Third Semester End Examination	Duration: 3 Hours	100 Marks
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Question 1.	One Essay or two short notes on Unit 1	:20 Marks
Question 2.	One Essay or two short notes on Unit 2	:20 Marks
Question 3.	One Essay or two short notes on Unit 3	:20 Marks
Question 4.	One Essay or two short notes on Unit 4	:20 Marks
Question 5.	One Essay or two short notes on Unit 5	:20 Marks

Semester IV	Applied Component	Paper II	2 Credits
Course Title: Introduction to Advertising -- Creativity and Research in Advertising			

Total Lectures: 60

Unit 1. Creativity and Psychology in Advertising **12 lectures**

- a. Role of Creativity in Advertising, Positioning strategies, Requisite of an advertisement–AIDA, role of persuasion, determining the message theme, USP, decision on advertising appeals and selling styles (soft selling / hard selling skills)
- b. Psychology in advertising – perception, attitudes and values, personality and motivations (including buying motives).

Unit 2. Copy Writing **12 lectures**

- a. Copy – types and essentials, Copy writing for print, outdoor, radio, web and television (concept of storyboards)
- b. Elements of copy – headline (functions and types), overline, body copy, captions, taglines, slogans, call to action, logo, Company name

Unit 3. Illustration and Layout **12 lectures**

- a. Illustrations – functions and types
- b. Layouts – stages, types and essentials

Unit 4. Advertising research **12 lectures**

Evaluating advertising effectiveness
 Importance of research in advertising
 Types of research: copy research and behavioural research
 Pre-testing and Post-testing methods of evaluation
 Pre-testing methods: methods for concept testing and copy testing
 Post-testing methods: sales and response rates, recall tests, recognition tests and attitude and opinion tests

Unit 5. Creating a Print Advertisement **12 lectures**

Students are expected to write a headline, caption, slogan and copy for a given product or service

Evaluation Pattern:

Fourth Semester End Examination	Duration:3 Hours	100 Marks
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- Q1. One Essay or two short notes on Unit 1 : (20 Marks)
- Q2 One Essay or two short notes on Unit 2 : (20 Marks)
- Q3 One Essay or two short notes on Unit 3 : (20 Marks)
- Q4 One Essay or two short notes on Unit 4 : (20 Marks)
- Q5 Copy writing task based on Unit 5 : (20 Marks)

References:

1. *Advertising Management* - Batra Rajeev, Myers John G., and Aaker David A., 5th ed., Prentice Hall India, New Delhi, 2004.
2. *Advertising Management* – Jaishree Jethwaney and Shruti Jain, 2nd Ed. Oxford University Press, 2012.
3. *Advertising and Promotion: An Integrated Marketing Communications Perspective*- Belch G. and Belch M., 6th ed., Tata McGraw-Hill Publishing Company Limited, New Delhi, India, 2003.
4. *Advertising and Sales Promotions* - Kazmi S. H. H. and Batra Satish K., 2nd ed., Excel Books, New Delhi, India, 2004.
5. *Advertising Principles* - Bergh B. G. V. and Katz H., NTC Business Books, Lincolnwood, Illinois, USA, 1999.
6. *Advertising, Principles and Practice* - Wells William, Moriarty Sandra & Burnett John, 7th ed. Pearson Education Inc., 2006.
7. *Kleppners Advertising Procedure* - W. Ronald Lane, J. Thomas Russell, Karen Whitehill King 16th Ed., Pearson Education India, 2008.
8. *Integrated Advertising, Promotion and Marketing Communications* - Clow Kenneth E. and Baack Donald, Pearson Education Inc., 2002.
9. *Strategic Brand Management* - Keller Kevin L., 2nd ed., Pearson Education Inc., 2007.

Supplements of Newspapers – students are recommended to read the Economic Times –
Brand Equity – every Wednesday; Financial Express –
Brandwagon – every Tuesday

Useful sites:

www.afaqs.com ; www.ascionline.org; www.campaignindia.in ; www.exchange4media.com ;
www.tamindia.com

MOOC courses:

1) <<<https://www.mooc-list.com/course/online-advertising-onlinead-open2study>>>

2) <<<https://www.mooc-list.com/course/integrated-marketing-communications-advertising-public-relations-digital-marketing-and-more>>>

3) <<<https://www.mooc-list.com/course/content-advertising-social-imc-coursera>>>

4) <<<https://www.mooc-list.com/course/advertising-and-society-coursera>>>

Syllabus Prepared by

Convener:

Dr. Nilakshi Roy, Department of English, Vaze College, Mumbai.

Members:

Dr. Susmita Dey, Department of English, Vaze College, Mumbai.

Dr. Dinesh Kumar, Department of English, Vaze College, Mumbai.

UNIVERSITY OF BRISTOL
The University of Bristol

MEMORANDUM

Members of the Faculty of the different Colleges and Division of the University of Bristol in connection with the proposed Faculty is covered by this letter circular No. 100000 of 2010 dated 27 August 2010 relating to matters of Faculty of Arts.

The University Faculty proposed that the proposed amendments made by the Board of Studies in English at its meeting held on 27th May, 2010 have been approved by the Academic Council at its meeting held on 14th June 2010 (the date for the 4.8 and 4.9 in accordance therewith, the proposed resolution on the STACUS for the U.K.A. is attached – Nos 1 & 2). It has been thought that there will be a need for the proposed amendments accordingly. This may be available on the University's website.

MEMORANDUM – 100000
27th Aug, 2010
To: [Name]

MEMORANDUM
The University Faculty
In BRISTOL

The Faculty of the different Colleges and Division of the proposed University of Bristol Faculty. Circular No. 100000 of 2010 dated 27 August 2010.

ACCOMMODATION

MEMORANDUM

No. 100000 of 2010

MEMORANDUM

27th Aug, 2010
To: [Name]

Dear [Name],

- 1) The University Faculty of Management
- 2) The University Board of Studies in English
- 3) The University Board of Administration and Finance
- 4) The University Board of Student Development
- 5) The Professional Services, Information Systems and Quality Learning (PISQ)
- 6) The University Learning Development Centre

MEMORANDUM
The University Faculty
In BRISTOL

SYLLABUS

T.Y.B.A. - English

Semester V & VI

Revised Syllabus as per CBCS pattern

(w.e.f. Academic Year - 2018-19)

T.Y.B.A. – English - Semester V & VI
Revised Syllabus as per CBCS pattern
(w.e.f. Academic Year 2018-19)

Paper No.	Name of the Course	Semester	Paper Code	Name of the Paper
Paper IV	16 th to 18 th Century English Literature	Sem - V	UAENG501	16 th to 18 th Century English Literature - I
		Sem - VI	UAENG601	16 th to 18 th Century English Literature - II
Paper V	Literary Criticism	Sem - V	UAENG502	Literary Criticism - I
		Sem - VI	UAENG602	Literary Criticism - II
Paper VI-A	Grammar and Art of writing	Sem - V	UAENG503A	Grammar and Art of writing - I
		Sem - VI	UAENG603A	Grammar and Art of writing – II
Paper VI-B	Translation Studies: Theory and Practice	Sem - V	UAENG503B	Translation Studies: Theory and Practice - I
		Sem - VI	UAENG603B	Translation Studies: Theory and Practice - II
Paper VI-C	Popular Culture	Sem - V	UAENG503C	Popular Culture - I
		Sem - VI	UAENG603C	Popular Culture - II
Paper VII	19 th Century English Literature	Sem - V	UAENG504	19 th Century English Literature - I
		Sem - VI	UAENG604	19 th Century English Literature - II
Paper VIII	20 th Century British Literature	Sem - V	UAENG505	20 th Century British Literature – I
		Sem - VI	UAENG605	20 th Century British Literature – II
Paper IX-A	Literature and Gender	Sem - V	UAENG506A	Literature and Gender - I
		Sem - VI	UAENG606A	Literature and Gender - II
Paper IX-B	Drama and Theatre	Sem - V	UAENG506B	Drama and Theatre - I
		Sem - VI	UAENG606B	Drama and Theatre - II
Paper IX-C	Film and Literature	Sem - V	UAENG506C	Film and Literature - I
		Sem - VI	UAENG606C	Film and Literature - II
Paper IX-D	Literature of Protest	Sem - V	UAENG506D	Literature of Protest - I
		Sem - VI	UAENG606D	Literature of Protest - II

University of Mumbai

Syllabus for T.Y.B.A. English Paper IV

Semester: V & VI

Course: Core Paper

Course Title: 16th to 18th Century English Literature

(Choice Based Credit System with effect from the Academic Year 2018-19)

1.	Syllabus as per Choice Based Credit System	
	i)	Name of the Program : T.Y.B.A. English
	ii)	Course Code : UAENG501 & UAENG601
	iii)	Course Title : 16 th to 18 th Century English Literature
	iv)	Semester wise Course Contents: Enclosed the copy of syllabus
	v)	References and Additional References : Enclosed in the Syllabus
	vi)	Credit Structure : No. of Credits per Semester 04
	vii)	No. of lectures per Unit : 20
	viii)	No. of lectures per week : 04
	ix)	No. of Tutorials per week : --
2.	Scheme of Examination : 5 Questions of 20 marks each.	
3.	Special notes , if any : No	
4.	Eligibility , if any : No	
5.	Fee Structure : As per University Structure	
6.	Special Ordinances / Resolutions if any : No	

Syllabus for TYBA Paper IV
Course: 16th to 18th Century English Literature
Course Codes: UAENG501& UAENG601

Objectives of the Course:

- 1) To introduce students to English Literature of the 16th, 17th and 18th centuries.
- 2) To show them how background influences shaped the writer's thinking.
- 3) To present them to the literary masters who dominated the scene
- 4) To familiarize students with different writing styles that each age adopted.

Outcome of the Course:

After completion of the course, students are expected to be able to:

- 1) To understand the distinctive features of English literature of the 16th, 17th and 18th centuries
- 2) To comprehend how background influences shaped the writer's thinking.
- 3) To recognize and appreciate the literary masters who dominated the scene.
- 4) To grasp the different writing styles that each age adopted.

Semester V: 16th to 18th Century English Literature –I

Course code- UAENG501

04Credits

Total Lectures: 60

Unit 1: Important Concepts & Terms:

20 Lectures

A. The Elizabethan Age (1550-1603)

- i) Renaissance, Humanism and Reformation.
- ii) Elizabethan Poetry – Sonnets, Epic and Pastoral
- iii) Elizabethan Drama
- iv) University Wits.

B. The Jacobean Period (1603-1650)

- i) Characteristics of the Jacobean Period
(Major influences and its impact on literature)
- ii) Metaphysical Poetry
- iii) Jacobean Drama- (Revenge Tragedy and Comedy)

Unit 2: William Shakespeare: Hamlet

20 Lectures

OR

William Shakespeare: Comedy of Errors

Unit 3: Selected Verse from the Elizabethan and Jacobean periods. **20 Lectures**

Elizabethan Period:

- a. Sir Philip Sidney from Astrophel and Stella sonnet sequence.
Sonnet 37 “My mouth doth water and my breast doth swell”.
39 “Come Sleep! O Sleep, the certain knot of peace”.
- b. Edmund Spenser: from The Shepheardes Calender
“April Eclogue”.
“November Eclogue”.
- c. William Shakespeare:
Sonnet 116 “Let me not to the marriage of true minds”
Sonnet 138 “When my love swears that she is made of truth”

Jacobean Period:

- a. John Donne: “A Valediction Forbidding Mourning”.
Holy Sonnet 10 – “Death Be Not Proud”.
- b. George Herbert: “The Pulley”.
“Love”.
- c. Andrew Marvell: “The Coronet”.
“On a Drop of Dew”.

Semester VI: 16th to 18th Century English Literature –II

Course code- UAENG601

04Credits

Total Lectures: 60

Unit 1: Background and Important Concepts: 20 Lectures

A. The Restoration Period (1660-1700)

- i) Characteristics of Restoration Period
(Major events of the age and their impact on literature)
- ii) Restoration Poetry- (Epic, Mock epic, Satire)
- iii) Restoration Drama- Comedy of Manners, Heroic Tragedy
- iv) Diary Writing

B. Neo-Classical Period (1700-1798)

- i) Neo-Classical/Augustan
- ii) Age of Satire
- iii) Rise of the Periodical Essay and the Novel

Unit 2: John Dryden: All for Love 20 Lectures

OR

Oliver Goldsmith: She Stoops to Conquer

Unit 3: Selected Verse from the Puritan Era, the Restoration Period and the 18th Century 20 Lectures

Restoration Period:

a. John Milton: from Paradise Lost Book I

(105-124) 105- And shook his throne. What though the field he lost?

124- Sole reigning holds the tyranny of Heaven.

(242-270) 242- Is this the region, this the soil, the clime

270- Regained in Heaven, or what more lost in Hell?

(315-356) 315- Of Hell resounded: ‘Princes, Potentates.

356- Forthwith, from every squadron and each band.

b. Alexander Pope: The Rape of the Lock- Canto II Lines 1-54

(1) Not with more Glories, in th’ Etherial Plain,

(54) Th’ impending Woe sate heavy on his Breast

c. John Dryden: “The Fire of London”

Semester End Examination Pattern: 100 Marks 03 Hours

The Semester End Examination for 100 marks will have 5 questions (with internal choice) of 20 marks each.

Question 1: A. Essay or Question 1: B. Essay or Question 1.C. Short Notes (two out of four) - Unit I

Q.2 Essay Type Question (1 out of 2) - Unit 2

Q.3 Essay Type Question (1 out of 2) - Unit 3

Q.4 Short Notes (2 out of 4)- Unit 2

Q.5 Short Notes (2 out of 4)- Unit 3

References:

1. Alpers, Paul E. Elizabethan Poetry: Modern Essays in Criticism (OUP: 1967)
2. Daiches, David. A Critical History of English Literature (Secker and Warburg: London, 1960)
3. Ford, Boris Ed. **The New Pelican Guide to English Literature:**
The Age of Shakespeare Vol. 2 (Penguin, 1993)
From Donne to Marvell Vol. 3 (Penguin, 1990)
4. Keast, William B. Seventeenth Century English Poetry: Modern Essays in Criticism (OUP: 1971)
5. King, Bruce. Seventeenth Century English Literature(Macmillan:1983).
6. Leggatt, Alexander. English Drama: Shakespeare to The Restoration 1590-1660 (Longman: Literature in English Series, 1988)
7. Perfitt, George. English Poetry of the Seventeenth Century (Longman: Literature in English Series,1992)
8. Parry, Graham.The Seventeenth Century: The Intellectual and Cultural Context of English Literature. 1603-1700 (Longman: Literature in English Series, 1989)
9. Pooley, Roger. English Prose of the Seventeenth Century (Longman: Literature in English Series, 1992)
10. Ricks, Christopher. The Penguin History of English Literature Vol.3. (Penguin, 1993)
11. Roston, Murray. Sixteenth Century English Literature (Macmillan, 1983)
12. Baugh, Albert C. A Literary History Of England, The Restoration and

- Eighteenth Century (1660-1789), 2nd Edition, (London, Routledge and Kegan Paul, 1967)
13. Clifford, James L. Ed. Eighteenth Century English Literature: Modern Essays in Criticism(OUP, 1959)
 14. Craig, Hardin. Ed. **A History of English Literature Series.** Literature of the Restoration and the Eighteenth Century 1660-1798.Vol III (London, Macmillan, 1969)
 15. Ford, Boris. Ed. **The Pelican Guide To English Literature: From Dryden to Johnson, Vol.4,** (Penguin, 1982) & From Blake to Byron, Vol.5, (Penguin, 1982)
 16. Jack, Ian. Augustan Satire: Intention and Idiom in English Poetry 1660-1750 (OUP, 1978)
 17. Roger. The Penguin History of English Literature: Dryden to Johnson. Vol.4, (Penguin, 1993)
 - 18.Probyn, Clive T.English Fiction of The Eighteenth Century 1700-1789 (Longman Literature in English Series, 1987)
 - 19.Novak, Maximillian E. Eighteenth Century English Literature, (Macmillan, 1983)
 20. Sambrook, James.The Eighteenth Century: The Intellectual and Cultural Context of English Literature 1700-1789. (Longman Literature in English Series, 1986)
 - 21.Sutherland, James. A Preface to Eighteenth Century Poetry, (OUP, 1975).

Syllabus Prepared by:

Dr. Marie Fernandes,	St. Andrew's College	:	Convener
Dr. Sr. Ananda Amritmahal,	Sophia College	:	Member
Dr./Prof. Sumali Bose,	NES Ratnam College	:	Member
Prof. Mythili Mukund,	Maharshi Dayanand College	:	Member
Dr. Bharat Tupere,	SRM College, Kudal	:	Member
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UNIVERSITY OF MUMBAI

Syllabus for T.Y.B.A. English

Semester: V & VI

Course: Core Paper

Course Title: Literary Criticism

Course Codes: UAENG502 & UAENG602

(Choice Based Credit System with effect from the academic year 2018-19)

1.	Syllabus as per Choice Based Credit System	
	i)	Name of the Programme T. Y. B. A. English
	ii)	Course Code UAENG502&UAENG602
	iii)	Course Title Literary Criticism
	iv)	Semester-wise Course Contents Enclosed the copy of syllabus
	v)	References and Additional References Enclosed in the Syllabus
	vi)	Credit Structure No. of Credits per Semester 04
	vii)	No. of lectures per Unit 15
	viii)	No. of lectures per week 04
	ix)	No. of Tutorials per week --
2.	Scheme of Examination 5 Questions of 20 marks each	
3.	Special notes, if any No	
4.	Eligibility, if any No	
5.	Fee Structure As per University Structure	
6.	Special Ordinances / Resolutions, if any No	

Syllabus for TYBA
Course: Literary Criticism
Course Code: UAENG502 & UAENG602

Objectives of the Course:

- 1) To introduce the learners to important critical terms
- 2) To make them aware of the nature and function of literature and criticism
- 3) To impart the technique of close reading of literary texts
- 4) To enable them to understand various literary theories and critical approaches
- 5) To familiarize the learners with the tenets of practical criticism

Outcome of the Course:

After completion of the course, students are expected to be able to:

- 1) use some important critical terms
- 2) become aware the nature and function of literature and criticism
- 3) impart the technique of close reading of literary texts
- 4) understand the various literary theories and critical approaches
- 5) be familiar with the tenets of practical criticism

Semester V Paper V: Literary Criticism - I**Course Code: UAENG502****04 Credits****Total Lectures: 60****UNIT I: Critical Terms****(15 lectures)**

(i) Simile, (ii) Imagery, (iii) Symbol, (iv) Paradox, (v) Ambiguity, (vi) Myth

UNIT II: Nature and Function of Literature**(15 lectures)**

- i. Literature as Imitation (Plato-Aristotle debate)
- ii. Literature and Imagination (the Romantic Idea of the Imagination)
- iii. Literature as an expression of the writer's personality
- iv. Function of Literature (aesthetic, moral and cognitive functions)

UNIT III: Nature and function of Literary Criticism**(15 lectures)**

- i. Nature of Literary Criticism
- ii. Functions of Literary Criticism (Explication, Analysis, Interpretation, Evaluation, Theorizing)
- iii. A survey of the Role of a Critic

UNIT IV: Practical Criticism: Scansion**(15 lectures)**

Two short passages of poetry (6 to 10 lines each) will be set for scansion. Students should scan the poem, identify the base metre (iamb, trochee), variations (pyrrhic, spondee, anapaest, dactyl, cretic, amphibrach, etc.), rhyme scheme, stanza forms if any, and the metrical peculiarities such as end-stopped lines, run-on lines, elision, caesura and other basic concepts of versification.

(5 marks for scanning and identifying the base metre, 4 marks for identifying modulations and other metrical peculiarities and 1 mark for rhyme scheme)

Semester End Examination Pattern**100 Marks****03 Hours**

Semester End Examination for 100 marks will have 5 questions (with internal choice) of 20 marks each

Q.1 Short Notes (2 out of 4) – Unit I

Q.2 Essay type Question (1 out of 2) – Unit II

Q.3 Essay type Question (1 out of 2) – Unit III

Q.4 Short Notes: (2 out of 4) – Unit II and III

Q.5 Scansion of two extracts from poetry of about 6-10 lines each

Semester VI Paper V: Literary Criticism - II**Course Code: UAENG602****04 Credits****Total Lectures: 60****UNIT I: Literary Movements (15 lectures)**

- i. Classicism, ii. Romanticism, iii. Realism, iv. Naturalism, v. Symbolism, vi. Aestheticism

UNIT II: Critical Approaches: (15 lectures)

- i. New Criticism
- ii. Structuralism
- iii. Psychoanalytic Criticism
- iv. Archetypal Criticism

UNIT III: Critical Approaches (15 lectures)

- i. Marxist Criticism
- ii. Feminist Criticism
- iii. Postcolonial Criticism
- iv. Eco Criticism

UNIT IV: Practical Criticism (15 lectures)

Critical Appreciation of an unseen poem: A short poem of about 20 lines will be set for appreciation. The title of the poem will be given. The unit will test the students' responsiveness to the poem and their linguistic ability in analysing the poem. Students are expected to mobilize the techniques of close reading and their understanding of literary devices like imagery, metaphor and other poetic devices while learning this unit.

Semester End Examination Pattern**100 Marks****3 Hours**

Semester End Examination for 100 marks will have 5 questions (with internal choice) of 20 marks each

Q.1 Short Notes (2 out of 4) – Unit I

Q.2 Essay type Question (1 out of 2) – Unit II

Q.3 Essay type Question (1 out of 2) – Unit III

Q.4 Essay type Question (2 out of 4) – Unit II & III

Q.5 Critical Appreciation of an unseen poem

References:

- Abrams, M. H. *A Glossary of Literary Terms*. (8th Edition) New Delhi: Akash Press, 2007.
- Abrams, M. H. *The Mirror and the Lamp: Romantic Theory and Critical Tradition*. Oxford: OUP, 1971
- Ashcroft, Bill et al. (ed.) *The Post-Colonial Studies Reader*. London: Routledge, 1995.
- Baldick, Chris. *The Oxford Dictionary of Literary Terms*. Oxford: OUP, 2001.
- Blackstone, Bernard. *Practical English Prosody*. Mumbai: Orient Longman, 1984.
- Bodkin, Maud. *Archetypal Patterns in Poetry*. London: Oxford University Press, 1934.
- Buell, Lawrence. *The Environmental Imagination: Thoreau, Nature Writing, and the Formation of American Culture*. MA: Harvard University Press, 1995.
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- Drew, Elizabeth. *Understanding Poetry*. New York: Norton, 1959.
- Dutton, Richard. *Introduction to Literary Criticism*. London: Longman, 1984.
- Eagleton, Terry. *Literary Theory*. London: Basil Blackwell, 1983.
- Enid, Hamer. *The Metres of English Poetry*. Booksway, 2014
- Garrard, Greg. *Ecocriticism*. New York: Routledge, 2012.
- Garrard, Greg, ed. *The Oxford Handbook of Ecocriticism*. New York: OUP, 2014.
- Guerin, Wilfred et al. *A Handbook of Critical Approaches to Literature*. Oxford: OUP, 1999.
- Enright, D.J. and Chickera, E. *English Critical Texts*. Delhi: Oxford University Press, 1962.
- Fowler, Roger (ed.) (rev.) *A Dictionary of Modern Critical Terms*. London: Routledge & Kegan Paul, 1987.
- Frye, Northrop. "The Archetypes of Literature." *The Norton Anthology: Theory and Criticism*. Ed. Vincent B. Leitch. New York: Norton, 2001.
- Habib, M.A.R. *A History of Literary Criticism: From Plato to the Present*. London: Blackwell, 2005.
- Hudson, William Henry. *An Introduction to the Study of Literature*. New Delhi: Atlantic, 2007.

- Jump, John (ed.) *Critical Idiom Series*. Methuen.
- Lentriccia, Frank. *After the New Criticism*. Chicago: Chicago UP, 1980.
- Lodge, David (Ed.) *Twentieth Century Literary Criticism*. London: Longman, 1972.
- Lodge, David, with Nigel Wood. *Modern Criticism and Theory: A Reader*. 2nd Ed. London: Longman, 1988.
- Nagarajan M. S. *English Literary Criticism and Theory: An Introductory History*. Hyderabad, Orient Black Swan, 2006.
- Ramamurthi, Lalitha. *An Introduction to Literary Theory*. Chennai: University of Madras, 2006.
- Richards, I. A. *Practical Criticism*. London: Kegan Paul, 1930.
- Said, Edward. *Orientalism*. New York: Pantheon, 1978.
- Schreiber, S. M. *Introduction to Literary Criticism*. Oxford: Pergamon Press, 1965.
- Selden, Raman and Widdowson, Peter. *A Reader's Guide to Contemporary Literary Theory*. 3rd ed. Lexington: University of Kentucky Press, 1993.
- Selden, Raman. *A Reader's Guide to Contemporary Literary Theory*. London: Harvester Press, 1985.
- Scott, Wilbur. *Five Approaches to Literary Criticism*. London: Longman, 1984.
- Wellek, Rene and Austin, Warren. *Theory of Literature*. London: Jonathan Cape, 1955.
- Wolfreys, Julian. (ed.) *Introducing Literary Theories: A Guide and Glossary*. Edinburgh: Edinburgh University Press, 2003.

Syllabus Prepared by:

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Dr. Pratima Das,	C.H.M. College, Ulhasnagar	:	Member
Ms. Saradha Balasubramanian,	K. C. College, Churchgate:		Member
Ms. Shanti Polamuri,	Maharashtra College, Byculla	:	Member

University of Mumbai
Syllabus for T.Y.B.A. English
Semester V & VI

Course: Elective Paper

Course Title: Grammar and the Art of Writing

(Choice Based Credit System with effect from the Academic Year 2018-19)

1. Syllabus as per Credit Based Semester and Grading System:

- | | | | |
|-------|--|---|--|
| i) | Name of the Programme | : | T.Y.B.A. English |
| ii) | Course Code | : | UAENG503A & UAENG603A |
| iii) | Course Title | : | TYBA English Paper VI --
Grammar and the Art of Writing |
| iv) | Semester wise Course Contents | : | Enclosed the copy of syllabus |
| v) | References and Additional References: | : | Enclosed in the Syllabus |
| vi) | Credit Structure | : | |
| | No. of Credits per Semester | : | 03 |
| vii) | No. of lectures per Unit | : | 15 |
| viii) | No. of lectures per week | : | 03 |
| 2. | Scheme of Examination | : | 4 Questions of 20 marks each and
a project of 20 marks |
| 3. | Special notes, if any | : | No |
| 4. | Eligibility, if any | : | No |
| 5. | Fee Structure | : | As per University Structure |
| 6. | Special Ordinances / Resolutions if any: | : | No |

Syllabus for TYBA
Course: GRAMMAR AND THE ART OF WRITING
Course Codes: UAENG503A & UAENG603A

Objectives:

1. To develop amongst learners an insight into the process of word formation and transformation
2. To develop amongst them an insight into the sounds, stress patterns and intonations in the English language to improve their speaking skills
3. To develop among them an insight into the structure of the English language and to provide knowledge of the rules of grammar
4. To help them learn grammatical analysis and description and the skills of sentence transformation
5. To introduce the mechanics of writing for effective writing for various domains

Outcome of the Course:

After the completion of the course, students are expected to be able to:

1. Gain a basic understanding of phonetics, morphology and word transformation
2. Have improved speaking skills
3. Have developed adequate knowledge of the rules of grammar, grammatical analysis and sentence transformation
4. Write effectively in various domains.

SEMESTER- V: Paper VI – Grammar and the Art of Writing – I		
Course Code: UAENG503a	3 Credits	Total Lectures: 45

Phonetics, Morphology, Grammar and the Art of Writing

Unit I: Phonetics and Morphology

15 lectures

A. Phonetics

- Phoneme and its distinctive features
- English Vowels and Consonants (Difference between BRP and Indian English)
- Diphthongs
- Consonant Clusters
- Transcription using phonetic script

B. Morphology

- Morph, Allomorph and Vowel Mutation
- Free and Bound Morphemes
- Root and stem
- Inflection and Derivation
- Morphological Analysis

Unit 2: Grammar: Words and Phrases

15 lectures

- Open word classes: nouns, adjectives, verbs, adverbs
- Closed word classes: pronouns, determiners, operator verbs, prepositions, conjunctions, enumerators, interjections
- Noun Phrase, Genitive Phrase, Prepositional Phrase, Adjective Phrase and Adverb Phrase
- Verb Phrase

Unit 3: Art of Writing

15 lectures

I. Discourse Analysis

- Tenor
- Mode
- Domain

Domain and language change – journalism, advertising and literature, scientific and technical writing

II. Mechanics of Writing

- Understanding paragraph divisions and topic sentences of paragraphs

III. Writing for Print Media

- Print – News Report

Evaluation Pattern:

1) Semester End Examination: 80 Marks - 2 1/2 Hours

2) Project: 20 Marks

1) Semester End Examination (80 marks):

Q.1	a. Phrase analysis	20 marks
Q.2	a. Verb Phrases	06 marks
	b. Morphological analysis	14 marks
Q.3	a. Stress Marking and Intonation	10 marks
	b. Transcription	10 marks
Q. 4.	Writing a news report on the basis of the facts given	20 marks

2) Project work (20 marks):

Students should be tested on –

1. Breaking a passage of about 250-300 words into appropriate paragraphs, picking up the topic statement of each paragraph 10 marks
- AND
2. Identifying the register of a passage about 250-300 words 10 marks

SEMESTER- VI: Grammar and the Art of Writing – II		
Course Code: UAENG603A	3 Credits	Total Lectures: 45

Grammar and the Art of Writing

Unit I: Grammar

20 lectures

I. Clauses:

- Clause elements and subject –verb concord
- Basic clause patterns
- Types of clauses : finite – non-finite (tensed – tenseless), independent – dependent (Main – Subordinated)
- Kinds of subordinate clause : Noun clause, Prepositional Clause , Relative clause , Adverb Clause, Comparative Clause
- Co-ordinated Clauses

II. Sentences:

- Basic and Derived structures
Following rules to be studied – Fronting, Inversion, Passive reconsideration, Substitution of PP for Indirect Object, Tag Questions, Postponement of the post-modifier, Cleft Sentence, Existential Sentence and Extraposition.

Unit 2: Art of Writing

Mechanics of Writing

05 lectures

- Characteristics of typical writing and typical speech
- Cohesion and Coherence
- Correct use of Articles, Prepositions, Adverbs, Adjectives
- Common Errors – Grammatical, Syntactical, Lexical, Punctuation, Logical
- Writing a Thesis Statement

Rhetorical Structures

10 lectures

- Classification, Comparison – Contrast, Cause – Effect, Chronological and Spatial Ordering, Order of Importance, Statement and Elaboration, Restatement, Exemplification, Listing
- Understanding connotations, Using bias-free language, Avoiding jargon and archaic/ outdated language, Eliminating repetition and redundancy, Content Analysis, and Rhetorical Devices

Unit 3: Types/ Domains of Writing

10 lectures

- Argumentative/ reflective writing
- Analytical writing
- Creative / Figurative writing
- Advertisement /Body Copy writing

Evaluation Pattern:

1) Semester End Examination: 80 Marks - 2 1/2 Hours

2) Project: 20 Marks

1) Semester End Examination Pattern (80 marks)

- | | | |
|-------|---|----------|
| Q 1. | Identifying elements of the Clause (SPOCA) | 20 marks |
| Q 2. | a. Identifying MCL and SCL | 10 marks |
| | b. Basic and Derived Structures | 10 marks |
| Q. 3. | a. Identifying errors in the given passage. | 08 marks |
| | b. Rewriting the passage to make it more fluent and coherent. | 12 marks |
| Q.4. | Forming a thesis statement on the given topic (1 out of 3) and developing it in about 150 words and specifying its rhetorical structures. | 20 marks |

2) Project work (20 marks):

Students should be tested on

1. Writing a Literary Passage (creative/ figurative) of about 250-300 words 10 marks
- AND
2. Writing an advertisement copy on the basis of facts provided 10 marks

Prescribed Text:

1. Leech, Geoffrey, Deuchar, Margaret and Hoogenraad, Robert, *English Grammar for Today: A New Introduction*. London: Macmillan, 1973

Additional Reading:

- 1 Quirk, R. and Greenbaum. S. *A University Grammar of English*, Longman, 1973
- 2 Rajimwale, Sharad. *Elements of General Linguistics, Vol. I*, New Delhi: Rama Brothers
- 3 Varshney, Dr. R.L. *An Introductory Text Book of Linguistics and Phonetics*, New Delhi: Prakash Book Depot

Recommended Books for Further Reading:

1. Payne, Lucile Vaughan. *The Lively Art of Writing*. New York: Mentor, 1969
2. Kleiser, Grenville. *The Art of Writing*. New Delhi: A P H, 2011
3. Trimble, John R. *Writing with Style, Conversations on the Art of Writing*. New Jersey: Prentice Hall, 1975
4. Bailey, Stephen. *Academic Writing: A Handbook for International Students*. New York: Routledge , 2011
5. Huddleson, Rodney and Pullum, Geoffrey. *A Student's Introduction to English Grammar*. New Delhi: Cambridge University Press, 2005
6. Leech, Geoffrey and Svartvik, Jan. *A Communicative Grammar of English*. New York: Routledge, 1975
7. Singh Sukhdev and Singh Balbir. *Grammar of the Modern English Language: A Resource Book*. New Delhi: Cambridge University Press India Pvt. Ltd., 2012
8. Turton, Nigel D. *A B C of Common Grammatical Errors*. New Delhi: Macmillan India Ltd., 1996
9. Sethi, J. and Dhamija, P.V. *A Course in Phonetics and Spoken English*. New Delhi: Prentice-Hall of India Private Ltd., 2006
10. Jones, Daniel. *Everyman's English Pronunciation Dictionary* The English Language Books Society, ELBS
11. Gimson, A. C. *An Introduction to the Pronunciation of English*. ELBS
12. Rahman, Tariq. *A General Introduction to Linguistics*. Orient Blackswan
13. Crystal, David. *The Cambridge Encyclopedia of Language*. Cambridge University Press
14. Crystal, David. *A Little Book of Language*. Orient Blackswan.
15. Sreedharan, V. *How to Write Correct English*. New Delhi: Goodwill Publishing House
16. Lowe, Michelle and Graham, Ben. *Language and Power: A Resource Book for Students*. Orient Longman, 1998
17. Simpson, Paul and Mayr, Andrea. *Language and Power: A Resource Book for Students*. Routledge, Taylor & Francis Group, 2010
18. Mohan, Krishna and Raman, Meenakshi. *Advanced Communicative English: A Comprehensive Course for Undergraduate Learners*. New Delhi: Tata McGraw Hill Education Private Limited, 2010
19. Gurman, Pamela J. *Strategies for Successful Writing: Written Communication in the Modern World*. Pearson Custom Publishing.
20. Grammar Handbook (Capella University) available in pdf format at <http://www.capella.edu/interactivemedia/onlinewritingcenter/downloads/grammar.pdf>
21. Brighton, Laurel J. *The Structure of Modern English: A Linguistic Introduction* available in pdf format at <http://npu.edu.ua/!e->

book/book/djvu/A/iif_kgpm_The%20Structure%20of%20Modern%20English.pdf

22. A Course in English Phonetics for English EFL Students available in pdf format at
file:///C:/ADMIN/Desktop/A_Course_in_English_Phonetics%20(1).pdf

Syllabus prepared by:

Dr. Deepa Murdeshwar-Katre, Vartak College, Vasai , Dist. Palghar	:	Convener
Mrs. Deepti Mujumdar, Patkar- Varde College, Goregaon, Mumbai	:	Member
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University of Mumbai
Syllabus for T.Y.B.A. English
Semester: V & VI

Course: Elective Paper

Course Title: Translation Studies: Theory and Practice

(Choice Based Credit System with effect from the Academic Year 2018-19)

1.		Syllabus as per Choice Based Credit System	
	i)	Name of the Program :	T.Y.B.A. English
	ii)	Course Code :	UAENG503B& UAENG603B
	iii)	Course Title :	Translation Studies : Theory and Practice
	iv)	Semester wise Course Contents:	Enclosed the copy of syllabus
	v)	References and Additional References :	Enclosed in the Syllabus
	vi)	Credit Structure : No. of Credits per Semester	04
	vii)	No. of lectures per Unit :	15
	viii)	No. of lectures per week :	03
	ix)	No. of Tutorials per week :	--
2.		Scheme of Examination :	4 Questions of 20 marks each and a project of 20 marks
3.		Special notes , if any :	No
4.		Eligibility , if any :	No
5.		Fee Structure :	As per University Structure
6.		Special Ordinances / Resolutions if any :	No

Syllabus for TYBA

Course: Translation Studies: Theory and Practice

Course Codes: UAENGUAENG503B&UAENG603B

Objectives of the Course:

1. To make students aware of various types of translation
2. To enable students to undertake translation of literary texts
3. To enable students to use translation in official contexts and mass media
4. To help students to avail of job opportunities

Outcome of the Course:

After completion of the course, students are expected to be able to:

- 1) Understand variety of translations
- 2) Able to undertake Literary Translation work at primary level.
- 3) Able to undertake translation in official contexts and mass media
- 4) Equipped to take up jobs.

Semester V: Translation Studies : Theory and Practice

Course code- UAENG503B04 CreditsTotal Lectures: 45

Unit 1: Terms & Concept:

15 Lectures

1. Translation
2. Transliteration
3. Source Language Text and Target Language Text
4. Loss and Gain in Transaction
5. Creative & Free Translation
6. Word to word & Structural Translation

Unit 2: Indian Theories of Translation:**15 Lectures**

1. Bhartrhari's Sphota and Translation
2. Theory of Auchitya and Translation
3. Sri. Aurobrindo Ghosh's Theory of Translation
4. Rabindranath Tagore's Theory of Translation

Unit 3: Translated Non- Fictional texts**15 Lectures**

1. Annihilation of Caste (Pages 1-5) (English to Marathi/ Hindi)
2. 1958 Literary Conference Speech by Anna Bhau Sathe (Marathi / Hindi to English)

Evaluation Pattern:1) Semester End Examination: 80 Marks - 2 1/2 Hours**2) Project: 20 Marks****Semester End Examination:**

- Q.1. 2 Short Notes based on Unit-I (2 out of 4)
- Q.2. Essay type question based on Unit-II (One out of two)
- Q.3. Essay type question based on Unit-III (One out of two)
- Q.4. Translation of Unseen Non-literary passage from English into Hindi/Marathi

Project Work (20 marks):

A Non-literary passage of about 500 words from Hindi or Marathi to be translated into English by the students. It should also include the introduction of the SL text, list of the problems faced and the loss and gain in the process of translation.

Semester VI: Translation Theory and Practice		
Course code- UAENG603B	04 Credits	Total Lectures: 45

Unit I: Terms & Concepts**15 Lectures**

1. Formal and Dynamic Equivalence
2. Interlingual and Intralingual Translation
3. Qualities and Strategies of Translator
4. Lexicography bilingual dictionaries
5. Commercial and collaborative Translation.
6. Audiovisual, Subtitling and Dubbing

Unit 2: Types of Translation-process and problems**15 Lectures**

1. Translation of Prose and fiction
2. Translation of Poetry
3. Translation of Drama

Unit 3: Translated Literary Texts**15 Lectures**

1. Premchand's short story "Gulli Danda" translated from Hindi into English
(Premchand's Selected Stories 1, Translated and adapted by Anupa Lal, Ratna Sagar, P. Ltd. New Delhi 1995)
2. Nissim Ezekiel's poem "Night of the Scorpion" translated from English into Marathi (Adhunik- Stotre by Pradeep Deshpande)

Evaluation Pattern:1) Semester End Examination: 80 Marks – 2 ½ Hours
2) Project: 20 Marks

Semester End Examination for both Semesters:

- Q.1. 2 Short Notes based on Unit-I (2 out of 4)
- Q.2. Essay type question based on Unit-II (One out of two)
- Q.3. Essay type question based on Unit-III (One out of two)
- Q.4. Translation of Unseen Non-literary passage from English into Hindi/Marathi

Project Work for both semesters (20 marks):

A Literary text of about 500 words from Hindi or Marathi to be translated into English by the students. It should also include the introduction of the SL text, list of the problems faced and the loss and gain in the process of translation.

Recommended Reading:

1. Bassnett, Susan, Political Discourse, Media and Translation, Cambridge Scholars, 2010.
2. Bassnett Susan and Trivedi Harish, “Post-Colonial Writing and Literary Translation” in Post-Colonial Translation: Theory and Practice. Ed. London: Routledge, 1999.
3. Didier, Coste, The Poetics and Politics of Literary Translation, New Delhi, 2011. 71
4. Ghurye, G.S Caste, Class and Occupation: Popular Book Depot, 1961.
5. Guha, Ranjit and Spivak Gayatri Selected Subaltern Studies: Eds., Oxford University Press, New York and Oxford, 1988.
6. Lawrence, Venuti, (Edited by) Translation Studies Reader, 2012.
7. Mukherjee, Meenakshi. The Twice Born Fiction: Themes and Techniques of the Indian Novel in English New Delhi: Heinemann Educational, 1971.
8. Naikar Basavaraj, Glimpses of Indian Literature in English Translation, Authorspress, 2008.
9. Pandey, A. P. A Revolutionary Fervor in Kabir’s Poetry, by Bhaskar Publications, Kanpur, 2008.

10. Rahman, Anisur. Indian Literature(s) in English Translation - The discourse of Resistance and representation in Journal Of Postcolonial Writing Vol. 43, 2007.

Websites & You Tube Videos

1. https://complit.artsci.wustl.edu/graduate/translation_studies
2. <http://cw.routledge.com/textbooks/translationstudies/data/samples/9780415584890.pdf>
3. <https://www.youtube.com/watch?v=HZXhzP3mBsA>
4. <https://www.youtube.com/watch?v=gP3bheM6fmg>

Syllabus Prepared by:

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University of Mumbai
Syllabus for T.Y.B.A. English
Semester: V & VI

Course: Elective
Course Title: Popular Culture

(Choice Based Credit System with effect from the Academic Year 2018-19)

1.		Syllabus as per Choice Based Credit System	
	i)	Name of the Program :	T.Y.B.A. English
	ii)	Course Code :	UAENG503C & UAENG603C
	iii)	Course Title :	Popular Culture
	iv)	Semester wise Course Contents:	Enclosed the copy of syllabus
	v)	References and Additional References :	Enclosed in the Syllabus
	vi)	Credit Structure : No. of Credits per Semester	04
	vii)	No. of lectures per Unit :	15
	viii)	No. of lectures per week :	03
	ix)	No. of Tutorials per week :	
2.		Scheme of Examination :	4 Questions of 20 marks each and a Project of 20 marks
3.		Special notes , if any :	No
4.		Eligibility , if any :	No
5.		Fee Structure :	As per University Structure
6.		Special Ordinances / Resolutions if any :	No

Syllabus for TYBA
Course: Popular Culture
Course Codes: UAENG503C & UAENG603C

Objectives of the Course:

1. To understand the nature and politics of Popular Culture.
2. To explore the interplay between Culture and Popular Culture and their influence over each other.
3. To expand existing critical thinking to enable textual analysis
4. To understand different perspectives on politics and control.

Outcome of the Course:

After completion of the course, students are expected to be able to:

1. To articulate in writing responses to thinking critically about Popular Culture
2. To be able to assert agency over events involving their lives

Semester V: Popular Culture	4 Credits	Total Lectures: 45
Course code- UAENG503C		

Unit 1: Understanding the Concept of Popular Culture **15 Lectures**

- Culture, Ideology and the Concept of the Popular
- Culture and Civilisation Tradition
- Culturalism
- High Culture vs Culture Debate

Unit 2 Control over Meaning through perpetuation of Myths **(15 Lectures)**

- Semiotics-Understanding the construction of the Sign- Saussure
- Barthes –Structuralism and post structuralism-
- Will Wright- Myth and the Western Film
- Critical terms: myth, genre, theme, language, structure, character
- To be applied to any texts/images of popular culture

Unit 3: The Politics of Culture-Hegemony and Post Marxist Perspectives (15 Lectures)

- Encoding/Decoding of Meaning
- Negotiation and Agency
- Caste/Gender Discrimination-Perpetuating Rape Culture
- Recommended study from the perspective of contemporary case studies/films

Project: Deconstructing Texts of Popular Culture 20 Marks

- Folk Tales/Fairytales/Animal fables
- Detective Fiction/Crime Fiction/Thriller/Suspense
- Comics- Tarzan, Wonderwoman, Peanuts (Marvel/Shultz)
- Identify and analyse the historical, socio-political and literary dynamics as well as themes and concerns which define genre, reflect culture, extend across cultures or appeal to a particular culture

Semester VI: Popular Culture - II**Course code- UAENG603C 4 Credits****Total Lectures: 45****Unit 1 Gender and Popular Culture****15 Lectures**

- Feminist Approaches to Popular Culture
- Subversions of Femininity/Masculinity in Popular Culture
- Visual Pleasure/Narrative Cinema: Scopophilia and the Male Gaze/Ignoring the Female Spectator/Bechdel Test
- Mainstream Cinema and Female Spectatorship
- Recommended Films- Films of Alfred Hitchcock from the perspective of his treatment of women/Films of MadhurBhandarkar 2011 female-centric films/any other films with strong female protagonists (Hindi and Regional Films may be studied).

Unit 2: Postmodernism and Culture:**15 Lectures**

- The Global Postmodern
- Reality/Mediated Reality/Pluralism of Value
- John Storey/Francois Lyotard/Frederic Jameson/Jean Baudrillard
- Case studies from the perspective of how both Western and Indian cultural paradigms have evolved

Unit 3 Taste/Identity and Popular Culture**15 Lectures**

- Culture Industry Revisited
- Frankfurt School/Consumerism
- The Politics of Popular Taste
- Privilege and Taste
- Case studies from the perspective of advertising/consumerism

Semester End Examination Pattern: 80 Marks**2 ½ Hours**

The Semester End Examination for 80 marks will have 4 questions (with internal choice) of 20 marks each:

- Question 1: A. Essay or Question 1: B. Essay or Question 1.C. Short Notes (02 out of 04) - Unit I
Q.2 Essay Type Question (1 out of 2) - Unit 2
Q.3 Essay Type Question (1 out of 2) - Unit 3
Q.4 Short Notes (2 out of 4)-02 each on Unit 2 & 3

Project: One project of 20 marks

- Project: Deconstructing Texts of Popular Culture (20 Marks)

Music/Music Videos/Pop Art/Dance/Reality Shows on Television; Identify and analyse the historical, socio-political and literary dynamics as well as themes and concerns which define genre, reflect culture, extend across cultures or appeal to a particular culture

Recommended Reading:

- Appadurai, Arjun, and Carol A. Breckenridge. "Public Modernity in India." *Consuming Modernity*. Ed. Carol A. Breckenridge. Delhi: Oxford UP, 1995. 1-17. Print.
- _____. *Modernity at Large: Cultural Dimensions of Globalization*. Minneapolis, MN: U of Minnesota, 1996. Print.
- Arnold, Matthew. *Culture and Anarchy*. N.p.: n.p., 1869. Print.
- Barrett, Michèle. "Feminism and the Definition of Cultural Politics." *Feminism, Culture, and Politics*. Ed. Rosalind Brunt and Caroline Rowan. London: Lawrence and Wishart, 1982. 37-58. Print.
- Barthes, Roland. *Mythologies*. Trans. Annette Lavers. Hertfordshire: Paladin, 1973. Print. (Essays Novels and Children: page 50, The Face of Garbo: page 56, Striptease: page 84, Accessed on the internet: 16th May, 2016)
- Bartky, S. "Foucault, Femininity, and the Modernization of Patriarchal Power." *Feminism and Foucault: Reflections on Resistance*. Ed. I. Diamond and L. Quinby. Boston: Northeastern UP, 1988. 61-86. Print.
- Berger, John. *Ways of Seeing*. London: British Broadcasting Corporation and Penguin, 2008. Print. (Chapter 7, Accessed on the internet: 5th May, 2016)
- Butler, Judith. *Gender trouble: feminism and the subversion of identity*. New York: Routledge, 1990. Print.
- Chatterji, Shoma A., *Subject: Cinema Object: Woman: A Study of the Portrayal of Women in Indian Cinema*. Calcutta: Parumita Publications, 1998.
- Cook, Pam. "Masculinity in Crisis?" *Screen* 23.3-4 (1982): 39-46. Web.
- Durham, Meenakshi Gigi., and Douglas Kellner. *Media and Cultural Studies: Keywords*. Malden, MA: Blackwell, 2001. Print.
- Dwyer, Rachel. *All You Want Is Money, All You Need Is Love: Sexuality and Romance in Modern India*. London: Cassell, 2000. Print.
- Dwyer, R. "Bombay Ishtyle." *Fashion Cultures: Theories, Explorations, and Analysis*. Ed. S. Bruzzi and G. P. Church. New York: Routledge, 2000. 178-90. Print.
- Ellis, John. *Visible Fictions: Cinema, Television, Video*. London: Routledge, 1992. Print.
- Fiske, J. "Active Audiences," and "Pleasure and Play." *Television Culture*. London and NY: Methuen, 1987. N. pag. Print.
- Fiske, John. *Understanding Popular Culture*. Boston: Unwin Hyman, 1989. Print.
- Foucault, Michel as cited in Barrett, Michèle. *The Politics of Truth: From Marx to Foucault*. Stanford, CA: Stanford UP, 1991. Print.
- Gamman, Lorraine, and Margaret Marshment. *The Female Gaze: Women as Viewers of Popular Culture*. London: Women's, 1988. Print.
- Ganham, Nicholas, and Raymond Williams. "Pierre Bourdieu and the Sociology of Culture: An Introduction." *Media, Culture and Society* 2.3 (n.d.): 215. Print.
- Gehlawat, Ajay. *Reframing Bollywood: Theories of Popular Hindi Cinema*. N.p.: Sage Publications, 2010. Print.

- Gledhill, Christine., "Pleasurable Negotiations." *Female Spectators: Looking at Film and Television*. Ed. D. E. Pribram. London: Verso, 1988. 64-89. Print.
- Gledhill, Christine., Recent Developments in Feminist Criticism in Film Theory and Criticism, Introductory Readings. Eds: Leo Braudy and Marshall Cohen, New York and Oxford: Oxford University Press, 1999
- Gledhill, Christine. *Stardom: Industry of Desire*. London: Routledge, 1991. Print.
- Hall, Stuart. "Encoding/Decoding." *The Cultural Studies Reader*. Ed. S. During. London and NY: Routledge, 1993. N. pag. Print.
- Kaarsholm, Preben, ed. *City Flicks City Flicks: Indian Cinema and the Urban Experience*. Calcutta, New Delhi: Seagull, 2004. Print.
- Kaplan, E. Ann. *Looking for the Other: Feminism, Film, and the Imperial Gaze*. New York: Routledge, 1997. Web.
- Kasbekar, A. "Hidden Pleasures: Negotiating the Myth of the Female Ideal in Popular Hindi Cinema." *Pleasure and the Nation: The History, Politics, and Consumption of Public Culture in India*. Ed. C. Penney and R. Dwyer. New Delhi: Oxford UP, 2001. 286-308. Print.
- Kavoori, Anandam P., and AswinPunathambekar. *Global Bollywood*. New Delhi: Oxford UP, 2009. Print.
- Kuhn, A. "Women's Genres." *Screen* 25.1 (1984): 18-29. Web.
- Mathur, Vrinda. "Women in Indian Cinema: Fictional Constructs." *Films and Feminism: Essays in Indian Cinema*. Ed. Jasbir Jain and SudhaRai. Jaipur and New Delhi: Rawat Publications, 2002. N. pag. Print.
- McGuigan, Jim. *Cultural Populism*. London: Routledge, 1992. Print.
- Modleski, Tania. *Loving with a Vengeance: Mass-produced Fantasies for Women*. Hamden, CT: Archon, 1982. N. pag. Print.
- Mulvey, Laura. "Visual Pleasure and Narrative Cinema." 1975. *Visual Culture: The Reader*. Ed. Jessica Evans and Stuart Hall. London: SAGE Publications in Association with the Open U, 1999. 381-89. Print.
- Nandy, Ashis. *The Secret Politics of Our Desires: Innocence, Culpability, and Indian Popular Cinema*. London: Zed, 1998. Print.
- Nayar, Pramod K. *An Introduction to Cultural Studies*. New Delhi: Viva, 2008. Print.
- Philip, Michelle. *Reel VS Real: The Portrayal of Women in Mainstream Bollywood Cinema*. Mumbai. 2014. Print.
- Philip, Michelle. *Re-possessing the Female Gaze: The Woman as Active Spectator of Mainstream Bollywood Cinema*. Mumbai. 2014. Print.
- Philip, Michelle. *The Indian Woman's Search for Identity Vis a Vis Mainstream Bollywood Cinema*. 2014. Print.
- Philip, Michelle. *The Treatment of Women in Reel VS Real Life as Influenced by Mainstream Bollywood Cinema*. 2014. Print.

Philip, Michelle. *Peddling Fantasies: The Role of Bollywood Cinema in Coping with Reality with Reference to MadhurBhandarkar's Film, Fashion*. 2015. Print.

Pinto, Jerry. *The Greatest Show on Earth: Writings on Bollywood*. New Delhi: Penguin, 2011. Print.

Prasad, M. Madhava. *Ideology of the Hindi Film: A Historical Construction*. Delhi: Oxford UP, 1998. Print.

Radway, Janice. *Reading the Romance: Women, Patriarchy, and Popular Literature*. London: Verso, 1987. N. pag. Print.

Saltzman, Joe. "Sob Sisters: The Image of the Female Journalist in Popular Culture." *Image of the Journalist in Pop Culture* (2003): n. pag. Web. 5 Mar. 2017.

Smelik, Anneke. *And the mirror cracked: feminist cinema and film theory*. New York: St. Martin's Press, 1998. Print.

Stacey, Jackie. *Star Gazing: Hollywood Cinema and Female Spectatorship*. London: Routledge, 1994. Print.

Storey, John. *Cultural Theory and Popular Culture: An Introduction*. Sixth ed. N.p.: Dorling Kindersley, 2014. Print. Indian Reprint

Vasudevan, Ravi. *Making Meaning in Indian Cinema*. New Delhi: Oxford UP, 2000. Print.

Vasudevan, R. "Cinema in Urban Space." Seminar, No. 525.N.p., n.d. Web. 23 Feb. 2004.

Virdi, Jyotika. *The Cinematic ImagiNation: Indian Popular Films as Social History*. New Brunswick, NJ: Rutgers UP, 2003. Print.

White, Patricia. *Film Studies: Critical Approaches*. Ed. John Hill and Pamela Church. Gibson. Oxford: Oxford UP, 2000. Print.

Willis, Paul. *Common Culture*. Buckingham: Open UP, 1990. 3. Print.

Wolf, Naomi. *The Beauty Myth: How Images of Beauty Are Used against Women*. London: Vintage, 1991. Print.

Syllabus Prepared by:

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University of Mumbai
Syllabus for T.Y.B.A. in English
Semester: V&VI

Course: Core Paper
Course Title: 19thCentury English Literature

(Choice Based Credit System with effect from the Academic Year 2018-2019)

1. Syllabus as per **Choice Based Credit System**

i) Name of the Programme	:	T.Y.B.A. English
ii) Course Code	:	UAENG504 &UAENG604
iii) Course Title	:	19th Century English Literature
iv) Semester wise Course Contents	:	Copy of the syllabus Enclosed
v) References and additional references	:	Enclosed in the Syllabus
vi) Credit structure	:	
No. of Credits per Semester	:	04
vii) No. of lectures per Unit	:	20
viii) No. of lectures per week	:	04
ix) No. of Tutorial per week	:	---
2 Scheme of Examination	:	5 Questions of 20 marks each
3 Special notes, if any	:	No
4 Eligibility, if any	:	No
5 Fee Structure	:	As per University Structure
6 Special Ordinances / Resolutions, if any	:	No

Syllabus for TYBA

Course: 19th Century English Literature

Course Codes: UAENG504 & UAENG604

Objectives of the Course:

1. To introduce to students the major trends and ideas in the literature and culture of the Romantic and Victorian Eras
2. To help students understand the texts in the context of prevailing socio-cultural conditions & their historical, political location
3. To impress upon students the characteristically rebellious/ radical nature of British Romanticism and the stupendous range of changes in the socio-political conditions of Early (1837-1851), Middle (1851-1870) and Late (1870-1901) Victorian Era
4. To familiarize and highlight major representative texts, genres, thematic concerns and select key concepts/terms pertaining to the respective periods
5. To help students apply a variety of critical, historical, and theoretical approaches to prescribed literary texts
6. To sensitize students to diverse sensibilities and humanitarian concerns through literature of the nineteenth century

Course Outcomes:

After completion of the course, students are expected to be able to:

1. To view literary works in their dynamic interface with the background
2. To understand the literature of the 19th century as a complex outcome of artistic, intellectual and socio-political cross-currents
3. To appreciate poetry as mirroring private personality, protest and subsequently, public concerns
4. To view the development of the Victorian Novel as informed by Victorian morality as well as by larger democratic processes
5. To contextualize the impulses behind the significant emergence of women writing in the 19th century

Semester V:Paper VII: 19th Century English Literature I

Course Codes: UAENG504

04 Credits Total Lectures: 60

The Romantic Revival (1798-1832)

Unit I: A. Background:

20 Lectures

- Romanticism as a reaction to Neo-classicism
- Influence of Rousseau and French Revolution
- Survey of Literature: Novel, Poetry and Prose (Types, Trends and Characteristics)
- Rise of women writers in the period

B. Concepts:

- Romanticism : Features
- Romantic Imagination
- German Transcendentalism
- The Gothic Revival
- Medievalism
- Pantheism

Unit II: Poetry: Selected Verse from the Romantic Period: 20 Lectures

- William Blake : ‘The Divine Image’ from *Songs of Innocence*
‘The Human Abstract’ from *Songs of Experience*
- William Wordsworth : ‘Lines Written in Early Spring’
‘Lucy Gray’
- Samuel Taylor Coleridge : ‘Kubla Khan’
- Lord Byron : ‘Darkness’
- P.B. Shelley : ‘Ozymandias’
- John Keats: : ‘On First Looking into Chapman’s Homer’
‘Ode to Psyche

Unit III: 20 Lectures

A. **Novel:** Jane Austen: *Emma*

OR

B. **Essays:** Charles Lamb: From *Essays of Elia*

‘Christ’s Hospital Five and Thirty Years Ago’

‘The Dream Children: A Reverie’

‘Detached Thoughts on Books and Reading’

William Hazlitt: From *Table-Talk: Essays on Men and Manners*

‘On the Pleasure of Painting’ – Essay 1

‘Why Distant Objects Please’

‘On Going on a Journey’

Semester VI:Paper VII: 19th Century English Literature - II Course Codes: UAENG504Total Lectures: 604 Credits
--

The Victorian Age (1837 -1901)

Unit I: A. Background20 Lectures

- Effects of Industrial Revolution
- Middle class complacency and the rise of the working class
- Age of Science, Age of Faith and Doubt (the Victorian Dilemma)
- Survey of Literature of the period: Types, features and development (Novel, Poetry and Prose)

B. Concepts

- Utilitarianism
- Darwinism
- Victorian Concept of Morality
- Aestheticism
- Pre-Raphaelitism
- The Oxford Movement
- Bildungsroman and the Victorian Novel

Unit II: Poetry:Selected Verse from the Victorian Period: 20 Lectures

Alfred Tennyson : From *In Memoriam*

Lyric 7: 'Dark house, by which once more I stand'

Lyric 54: 'Oh, yet we trust that somehow good'

Robert Browning : 'Porphyria's Lover'
'Fra Lippo Lippi'

Elizabeth Barrett Browning: *Sonnets from the Portuguese*:

‘Sonnet 21’: ‘Say over again, and yet once over again’

Matthew Arnold :‘The Forsaken Merman’

Dante Gabrielle Rosetti :‘The Cloud Confines’

Thomas Hardy :‘Channel Firing’

‘Dead Man Walking’

Unit III:

20 Lectures

A. **Novel:** Charles Dickens: *David Copperfield*

OR

B. **Essays:** John Newman: From *The Idea of a University*

Discourse V ‘Knowledge its Own End’

John Ruskin: From *Sesame and Lilies*

‘Of Kings’ Treasuries’

‘From the Queens’ Gardens’

Evaluation: Semester End Examination Pattern 100 Marks: 3 Hours
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Question 1: A. Essay*or

Question 1: B. Essay or

Question 1.C. Short Notes (two out of four) from Unit I

Question 2: Essay on Unit II (1 out of 2)

Question 3: Essay on Unit III (1 out of 2)

Question 4: Short Notes on Unit II (2 out of 4)

Question 5: Short Notes on Unit III (2 out of 4)

*In question 1 the essay questions will be based on Unit I A and Short Notes will be based on Unit I:B

Recommended Reading:

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University of Mumbai
Syllabus for T.Y.B.A. English
Semester: V & VI

Course: Core paper
Course Title: 20th Century British Literature

(Choice Based Credit System with effect from the Academic Year 2018-19)

	Syllabus as per Choice Based Credit System	
i)	Name of the Program :	T.Y.B.A. English
ii)	Course Code :	UAENG505&UAENG605
iii)	Course Title :	20th Century British Literature
iv)	Semester wise Course Contents:	Enclosed the copy of syllabus
v)	References and Additional References :	Enclosed in the Syllabus
vi)	Credit Structure : No. of Credits per Semester	04
vii)	No. of lectures per Unit :	20
viii)	No. of lectures per week :	04
ix)	No. of Tutorials per week :	--
2.	Scheme of Examination :	5 Questions of 20 marks each
3.	Special notes , if any :	No
4.	Eligibility , if any :	No
5.	Fee Structure :	As per University Structure
6.	Special Ordinances / Resolutions if any :	No

Syllabus for TYBA

Course: 20th Century British Literature

Course Codes: UAENG505 &UAENG605

Objectives of the Course:

- 1) To expose students to literary genres, trends, and literary movements of Britain in the 20th Century.
- 2) To enable students to create linkages between social and historical contexts and literary texts .
- 3) To train students to develop skills for a critical and analytical understanding of the text.

Outcome of the Course:

After completion of the course, students are expected to be able to:

- 1) Students will be equipped with comprehensive understanding of literary genres, trends and movements in 20th Century British Literature; thereby ,enabling them to understand the valuable co –relation between the socio-cultural ,economical and historical contexts; behind the literary production.
- 2) Students will acquire the discipline to become reflective and imaginative thinkers through a close, critical and analytical reading of the prescribed texts.

Semester V: 20th Century British Literature – I

Course code- UAENG505

4 Credits

Total Lectures: 60

Unit 1: Background Topics

20 Lectures

1. Modernism
2. Imagism
3. Symbolism
4. War Poetry
5. Movement Poets
6. Poetic Drama
7. Social Realism and its impact on English Drama
8. The Theatre of the Absurd

Unit 2: Drama

20 Lectures

A. JOHN OSBORNE: *Look Back in Anger* (1956)

OR

B. BERNARD SHAW: *Saint Joan* (1923)

Unit 3: Poetry

20 Lectures

1. T.S. ELIOT: i) 'The Hippopotamus' ii) 'Portrait of a Lady'
2. W. B. YEATS: i) 'The Second Coming' ii) 'A Prayer for My Daughter'
3. W.H. AUDEN : i) 'The Shield of Achilles' ii) 'In Memory of W.B. Yeats'
4. WILFRED OWEN : i) 'Insensibility' ii) 'Strange Meeting'

Semester VI: 20th Century British Literature – II

Course code-UAENG605

4 Credits

Total Lectures: 60

Unit 1: Background Topics: **20 Lectures**

1. Feminism in Modern Literature
2. Psychological Novel
3. The rise of Science Fiction
4. Post World War II Novel
5. Political Satire/Allegory as rising literary trends
6. Imperialism and Post colonialism in Modern British Fiction
7. Existentialism and Modern British Literature

Unit 2: Novel: **20 Lectures**

A. GEORGE ORWELL: *1984* (1949)

OR

B. IRIS MURDOCH: *The Black Prince* (1973)

Unit 3: Short stories : **20 Lectures**

- 1) JAMES JOYCE: *Eveline*
- 2) ROALD DAHL: *Lamb to the Slaughter*
- 3) GRAHAM GREENE: *The Invisible Japanese Gentleman*
- 4) ANGELA CARTER: *The Courtship of Mr. Lyon*

Semester End Examination Pattern: 100 Marks 03 Hours

The Semester End Examination for 100marks will have 5 questions (with internal choice) of 20 marks each

Question 1: A. Essay or Question 1: B. Essay or Question 1.C. Short Notes (two out of four) - Unit I

Q.2 Essay Type Question (1 out of 2) - Unit 2

Q.3 Essay Type Question (1 out of 2) - Unit 3

Q.4 Short Notes (2 out of 4)- Unit 2

Q.5 Short Notes (2 out of 4)- Unit 3

Recommended Reading:

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- Hensher, Philip (ed). *The Penguin Book of the British Short Story Vols I* .UK.Penguin Random House , 2017. Print
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- <https://www.askwillonline.com/2013/06/the-courtship-of-mr-lyon-by-angela.html>
- <https://the-artifice.com/angela-carter-beauty-and-the-beast-feminist-romance/>
- <http://sittingbee.com/the-invisible-japanese-gentlemen-graham-greene/>
- <http://britishliteratureoverview.blogspot.in/2008/09/invisible-japanese-gentlemen.html>
- <https://www.youtube.com/watch?v=K1sBQZfDh0I>

- <https://www.litcharts.com/lit/lamb-to-the-slaughter/summary-and-analysis>
- <https://www.cliffsnotes.com/literature/d/dubliners/summary-and-analysis/eveline>
- <https://interestingliterature.com/2017/07/18/a-summary-and-analysis-of-james-joyces-eveline/>
- http://www.newworldencyclopedia.org/entry/Iris_Murdoch

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University of Mumbai
Syllabus for T.Y.B.A. English
Semester: V & VI

Course: Elective Paper

Course Title: Literature and Gender

(Choice Based Credit System with effect from the Academic Year 2018-19)

1.	Syllabus as per Choice Based Credit System	
	i)	Name of the Program T.Y.B.A. English
	ii)	Course Code UAENG506A& UAENG606A
	iii)	Course Title Literature and Gender
	iv)	Semester wise Course Contents Enclosed the copy of syllabus
	v)	References and Additional References Enclosed in the Syllabus
	vi)	Credit Structure : No. of Credits per Semester 04
	vii)	No. of lectures per Unit 15
	viii)	No. of lectures per week 03
	ix)	No. of Tutorials per week --
2.	Scheme of Examination 4 Questions of 20 marks each and a project of 20 marks	
3.	Special notes , if any No	
4.	Eligibility , if any No	
5.	Fee Structure As per University Structure	
6.	Special Ordinances / Resolutions if any No	

Syllabus for TYBA

Course: **Literature and Gender**

Course Codes: UAENG506A & UAENG606A

Objectives of the Course:

- 1) To introduce students to the politics of gender identity
- 2) To enable students to analyze gender
- 3) To empower students to scrutinize gendering in literature
- 4) To appreciate popular culture and diverse gender and sexual identities
- 5) To discern masculinities and femininities

Outcome of the Course:

After completion of the course, students are expected to be able to:

- 1) Understand politics of gender identities
- 2) Undertake gender analysis
- 3) Understand the gendering in literature
- 4) Appreciate popular culture and gender identities
- 5) Interpret masculinities and femininities

Semester V: Gender and Literature
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Course code- UAENG506A

04 Credits

Total Lectures: 45

Unit I:

15 Lectures

Schools of Feminism: Liberal and Marxist Feminism

Concepts: Patriarchy, Masculinity Studies, Sex and Gender, The Politics of Feminism(s), Gynocriticism, Indian Feminism

Unit II: Short-Stories

15 Lectures

Anne Petry: *Like a Winding Sheet*

Katherine Mansfield: *The Fly*

Dorothy Parker: *The Waltz*

Anita Desai: *The Domestic Maid*

Nathaniel Hawthorne: *The Birthmark*

Vishwapriya Iyengar : *The Library Girl*

Unit III: Novel

15 Lectures

Khaled Hosseini: *A Thousand Splendid Suns*

OR

Jeanette Winterson: *Oranges are not the only Fruit*

Semester End Examination Pattern: 80 Marks 2 1/2 Hours

Semester End Assessment: **80 marks**

Q 1. (a) Essay type question on School of Feminism 20 marks

OR

(b) Essay type question on School of Feminism

OR

(c) Short notes on Unit I: Concepts (Two out of Four)

Q 2. Essay type question on Unit II (One out of two) 20 marks

Q 3. Essay type question on Unit III (One out of two) 20 marks

Q 4 (a) Short notes from Unit II (One out of Two) 10 marks

(b) Short notes from Unit III (One out of Two) 10 marks

Internal Assessment (Project): **20 marks**

A project of 20 marks/semester to be undertaken by the students with particular focus on the schools of feminism studied in that particular semester. Students to analyse a novel of their choice (not prescribed in the syllabus) through the lens of Liberal/Marxist Feminism in Semester V and Socialist/Radical Feminism in Semester VI

Semester VI: Gender and Literature

Course Code- UAENG606A	04 Credits	Total Lectures: 45
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Unit I: **15 Lectures**

Schools of Feminism: Socialist and Radical Feminism

Concepts: Ecofeminism, Queer Theory, Postcolonial Feminism, Psychoanalytic Feminism, Postmodern Feminism

Unit II: Poetry **15 Lectures**

Carol Ann Duffy: *Little Red Cap*

Imtiaz Dharker : *Purdah I*

Walt Whitman: *We Two, How Long We were Fool'd*

Amrita Pritam : *I will Meet You Again*

Audre Lorde: *Coal*

Langston Hughes : *Young Sailor*

Café: 3 am

Unit III: Drama

15 Lectures

Mahesh Dattani: *Tara*

OR

Lorraine Hansberry: *A Raisin in the Sun*

<p>Evaluation Pattern:1) Semester End Examination: 80 Marks – 3Hours 2) Project: 20 Marks</p>

The Semester End Examination for 80 marks will have 4 questions of 20 marks each.

Q 1. (a) Essay type question on School of Feminism 20 marks

OR

(b) Essay type question on School of Feminism

OR

(c) Short notes on Unit I: Concepts (Two out of Four)

Q 2. Essay type question on Unit II (One out of two) 20 marks

Q 3. Essay type question on Unit III (One out of two) 20 marks

Q 4 (a) Short notes from Unit II (One out of Two) 10 marks

(b) Short notes from Unit III (One out of Two) 10 marks

Internal Assessment (Project): 20 marks

A project of 20 marks/semester to be undertaken by the students with particular focus on the schools of feminism studied in that particular semester. Students to analyze a novel of their choice (not prescribed in the syllabus) through the lens of Socialist/Radical Feminism in Semester VI.

References:

1. Singh Navsharan and Maitrayee Mukhopadhyay. 2007. Gender Justice, CitizenshipDevelopment. Zubaan.
2. Rai Shirin. 2008. The Gender Politics of Development. New Delhi: Zubaan.
3. Kapadia Karin. 2003. The Violence of Development. New Delhi : Zubaan.
4. Tsikata Dzodzi and Pamela Golah. 2010. Land Tenure, Gender, and Globalisation. New
5. Maithreyi Krishna Raj Women Studies in India – Some Perspectives (Bombay: Popular Prakasham, 1986).
 - a. Barbare Sinclair Deckard: The Women’s Movement, (New York: Harper & Row,1983)
6. Ella Rule (Ed): Marxism and the Emancipation of Women (Great Britain Harpal Brar, 2000).
7. Reina Lewis, Sara Mills (Ed.), Feminist Postcolonial Theory – A Reader Edinburgh University Press, Edinburgh, 2003.
8. Hasan Zoya (ed) 1994) Forging Identities: Gender Communities and State, New Delhi, Kali for Women. KapurRatna (ed) (1996) Feminist Terrains in Legal Domains, New Delhi, Kali for Women.
9. Hasan Zoya (ed) 1994) Forging Identities: Gender Communities and State, New Delhi, Kali for Women.
10. Kapur Ratna (ed) (1996) Feminist Terrains in Legal Domains, New Delhi, Kali for Women.
11. Menon, Nivedita (2004), Recovering Subversion: Feminist Politics Beyond the Law, New Delhi, Permanent Black.
12. Sangari K. Politics of Diversity: Religious Communities and Multiple Patriarchies, EPW 23 Dec, 1995
13. Bassnett, Susan. Translation Studies. London: Methuen, 1980.
14. Venuti, Lawrence, ed. The Translation Studies Reader. London: Routledge, 2000.
15. Baker, Mona, ed. The Routledge Encyclopedia of Translation Studies. London: Routledge, 1998.
16. Trivedi, Harish Susan Bassnet. Postcolonial Translation: Theory and Practice. London: Routledge, 1999.
17. Gentzler, Edwin. Contemporary Translation Theories. London: Routledge, 1993.

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University of Mumbai
Syllabus for T.Y.B.A. English
Semester: V & VI

Course: Elective Course

Course Title: Drama and Theatre

(Choice Based Credit System with effect from the Academic Year 2018-19)

1.		Syllabus as per Choice Based Credit System	
	i)	Name of the Program :	T.Y.B.A. English
	ii)	Course Code :	UAENG506B & UAENG606B
	iii)	Course Title :	Drama and Theatre
	iv)	Semester wise Course Contents:	Enclosed the copy of syllabus
	v)	References and Additional References :	Enclosed in the Syllabus
	vi)	Credit Structure : No. of Credits per Semester	04
	vii)	No. of lectures per Unit :	15
	viii)	No. of lectures per week :	03
	ix)	No. of Tutorials per week :	--
2.		Scheme of Examination :	4 Questions of 20 marks each a Project of 20 marks
3.		Special notes , if any :	No
4.		Eligibility , if any :	No
5.		Fee Structure :	As per University Structure
6.		Special Ordinances / Resolutions if any :	No

Syllabus for TYBA
Course: Drama and Theatre
Course Codes: UAENG506B & UAENG606B

Objectives of the Course:

- 1) To acquaint the learners of literature with various types of drama.
- 2) To sensitize them to the techniques and types of theatre.
- 3) To identify and discuss the theoretical and practical elements of drama.
- 4) To introduce them to drama as a performing art.
- 5) To enhance their understanding of the elements of theatre.
- 6) To enable the learners to critically watch a play, write a review and to put up a play.

Outcome of the Course:

After completion of the course, students are expected to be able to:

- 1) Analyse the social and artistic movements that have shaped theatre and drama.
- 2) Apply discipline-specific skills to the creation of drama.
- 3) Analyze the difference between the concepts of drama and theatre.
- 4) Demonstrate knowledge of the history of drama and theatre as a literature and performing art.

Semester V: Drama and Theatre

Course code- UAENG506B

4 Credits

Total Lectures: 45

Unit 1: Literary Terms

(15 Lectures)

- i) Sanskrit Theatre
- ii) Greek Tragedy
- iii) Senecan Tragedy
- iv) Indian English Drama in Translation
- v) Structure of Elizabethan Theatre
- vi) Poetic Drama

Unit 2:A) Tendulkar Vijay: *The Vultures*

(15 Lectures)

OR

B) AdyaRangacharya: *Sanjivani*

Unit 3: A) Aeschylus: *Prometheus Bound*

(15 Lectures)

OR

B) Eliot T.S.: *The Cocktail Party*

Semester VI: Drama and Theatre

Course code- UAENG606B

4 Credits

Total Lectures: 45

Unit 1: Literary Terms

(15 Lectures)

- i) Problem Play
- ii) Expressionism
- iii) Theatre of the Absurd
- iv) Angry Young Men Theatre
- v) Make-up and Costume
- vi) One Act Play

Unit 2:A) O'Neill Eugene: *Desire under the Elms*

(15 Lectures)

OR

B) Ibsen Henrik: *An Enemy of the People*

Unit 3:A) Albee Edward: *The Zoo Story*

(15 Lectures)

OR

B) Chekhov Anton: *The Proposal*

Semester End Examination Pattern: 80 Marks 2 ½ Hours

Semester End Examination Pattern:

Q.1 A. Essay type Or B. Essay type Or C. Short Notes (2 out of 4) - Unit 1 (20 Marks)

Q.2 Essay Type Question (1 out of 2) - Unit 2 (20 Marks)

Q.3 Essay Type Question (1 out of 2) - Unit 3 (20 Marks)

Q.4 Short Notes (2 out of 4) – 02 each on Unit 2 and 3 (15 Marks)

Project 20 Marks:

Writing new/original one act play. Transcreation: A short story to be adopted as a one act play.

Translation of any one act play in Indian Language into English. Group performance of any one act play.

Recommended Reading:

Allardyce Nicoll. *A History of English Drama* 3 Vol. Set. Cambridge: 1946.

Bentley, Eric. *The Theory of the Modern Stage: An Introduction to Theatre and Drama*. London: Penguin Books, 1968.

Beth Osnes. Santa Barbara(ed.) *Acting: an International Encyclopedia*. California; Denver Colorado : ABC-CLIO, c2001. Main Stack PN 2035 .O84 2001

Bratton, J. S. *New Readings in Theatre History: Theatre and Performance Theory*. Cambridge: Cambridge University Press, 2003.

Brockett, Oscar. *The Essential Theatre*: New York: Wadsworth Publishing, 2007.

Brustein, Robert. *The Theatre of Revolt: An Approach to Modern Drama*. New York: Atlantic Monthly Press, 1965.

Clark, Darect H. *A Study of Modern Drama*. Philadelphia: Century Books-Bindery, 1982.

Frank, Marcie. *Gender, Theatre, and the Origins of Criticism: From Dryden to Manley*. Cambridge: Cambridge University Press, 2003.

Fuchs, Elinor, and Una Chaudhuri. *Land/Scape/Theater: Theater-Theory/Text/Performance*: Ann Arbor: University of Michigan Press, 2002.

Gascoigne, Bamber. *Twentieth Century Drama*: London: Hutchinson, 1967.

Gassner, John. *Masters of Drama*. New York: Dover Publications, 1954.

Jonathan Law, etc. Rev. and enlarged (ed.). *The new Penguin Dictionary of the theatre*. London: Penguin Books, 2001. Doe Reference PN 2035 .N474 2001

Kobialka, Michal. *Of Borders and Thresholds: Theatre History, Practice, and Theory*. Minneapolis: University of Minnesota Press, 1999.

Lumley, Fredrick. *New Trends in the Twentieth Century Drama: A Survey since Ibsen and Shaw*. Oxford: O.U.P, 1972.

Malekin, Peter, and Ralph Yarrow. *Consciousness, Literature, and Theatre: Theory and Beyond*. New York: St. Martin's, 1997.

Martin Harrison. *The Language of Theatre*. New York: Routledge, 1998. Main Stack PN 2035 .H297 1998

McAuley, Gay. *Space in Performance: Making Meaning in the Theatre. Theater-Theory/Text/Performance*: Ann Arbor: University of Michigan Press, 1999.

Michael Patterson. *The Oxford Dictionary of Plays*. Oxford; New York: Oxford University Press, c2005.

Nicoll, Allardyce. *The Theatre and Dramatic Theory*: London: Harrap, 1962.

Oscar Lee Brownstein and Darlene M. Daubert. *Analytical sourcebook of concepts in dramatic theory*. Westport, Conn.: Greenwood Press, 1981. Doe Reference PN 1631 .B7

Rai, Rama Nand. *Theory of Drama: A Comparative Study of Aristotle and Bharata*: New Delhi: Classical Pub. Co. 1992.

Rangacharya, Adya. *Introduction to Bharata's Natyasastra*. Delhi: Munshirm Manoharlal Pub, Reprint 2005.

Styan, J. L. *Modern Drama in Theory and Practice*. New York: Cambridge University Press, 1980.

Taylor, Russell John: *Anger and After: Guide to the New British Drama*. London: Eyre Methune, 1977.

Williams, Raymond. *Drama from Ibsen to Brecht*. London: Penguin Books, 1973.

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University of Mumbai
Syllabus for T.Y.B.A. English
Semester: V & VI

Course: Elective Paper

Course Title: Film and Literature

(Choice Based Credit System with effect from the Academic Year 2018-19)

1.		Syllabus as per Choice Based Credit System	
	i)	Name of the Program	: T.Y.B.A. English
	ii)	Course Code	: UAENG506C & UAENG606C
	iii)	Course Title	: Film and Literature
	iv)	Semester wise Course Contents	: Enclosed the copy of syllabus
	v)	References and Additional References	: Enclosed in the Syllabus
	vi)	Credit Structure No. of Credits per Semester	: 04
	vii)	No. of lectures per Unit	: 15
	viii)	No. of lectures per week	: 03
	ix)	No. of Tutorials per week	: --
2.		Scheme of Examination	: 4 Questions of 20 marks each and a Project of 20 marks
3.		Special notes , if any	: No
4.		Eligibility , if any	: No
5.		Fee Structure	: As per University Structure
6.		Special Ordinances / Resolutions if any	: No

Syllabus for TYBA
Course: Film and Literature
Course Codes: UAENG506C & UAENG606C

Objectives of the Course:

- ❖ To introduce the nature of film as an ‘art’ form.
- ❖ To explore how film as art and literature influence each other.
- ❖ To expand analytical skill towards film adaptation.
- ❖ To appreciate and evaluate different perspectives on film adaptations.
- ❖ To create responses in thinking critically about films.

Outcome of the Course:

After completion of the course, students are expected to be able to:

- ❖ To understand the nature of film as an ‘art’ form.
- ❖ To explore ways in which film as art and literature influence each other.
- ❖ To expand existing textual analytical skill towards an understanding of film adaptation.
- ❖ To understand different perspectives on film adaptations.
- ❖ To aid students to think critically and articulate in writing responses about films.

Semester VI: Film and Literature-II

Course code- UAENG606C

4 Credits

Total Lectures: 45

Unit 1 Critical Approaches toward Films Analysis 15 Lectures

- Gender-based Approach
- Marxist Approach
- Psychoanalytical Approach
- Post-Colonial Approach

Recommended Films: *Mirch Masala* (1987) Director: Ketan Mehta,

Metropolis (1927) Director: Fritz Lang

Vertigo (1958) Director: Alfred Hitchcock

Satya (1998) Director: Ram Gopal Varma

Chungking Express (1994) Director: Wong Kar Wai

In the Mood for Love (2000) Director: Wong Kar Wai

Unit 2 Adaptations: Definitions and Approaches 15 Lectures

Defining the concept of adaptations and understanding literal, traditional, and radical translations of the source text

Recommended Film: *Adaptation* (2002). Director Spike Jonze

Unit 3 Novel to Film 15 Lectures

- *Passage to India*. E.M. Forster (1924)
Film: *Passage to India* (1984) dir. David Lean

OR

- *The Hours*. Michael Cunningham (1998)
Film: *The Hours* (2002) dir. Stephen Daldry

Topics for Project:

Writing a report on inter-genre adaptations

Observations on Cinema and digital culture

Transitions in adaptations of literary sources as narratives

Reviews on adaptations of identity and history

Recommended Novel and Film: *Watchmen* (1987) Alan Moore and Dave Gibbons

Watchmen (2009) Director: Zack Snyder

Evaluation Pattern:1) Semester End Examination: 80 Marks – 2 ½ Hours

2) Project: 20 Marks

The Semester End Examination for 80 marks will have 4 questions (with internal choice) of 20 marks each:

Question 1: A. Essay or Question 1: B. Essay or Question 1.C. Short Notes (two out of four) - Unit I

Q.2 Essay Type Question (1 out of 2) - Unit 2

Q.3 Essay Type Question (1 out of 2) - Unit 3

Q.4 Short Notes (2 out of 4)- Unit 2 & Unit 3

Recommended Reading:

- Austerlitz, Saul. *Black and White*. Reverse Shot Online. n.d. Web. 22 Sept 2009.
- Bharucha, Rustom. "Foreign Asia/ Foreign Shakespeare. Dissenting notes on New Asian Interculturality, Postcoloniality and Recolonization". *Theatre Journal*, vol 56, issue 1, 2004, pp1-28.
- Burke, Liam. *The Comic Book Film Adaptation: Exploring Modern Hollywood's Leading Genre*, Univ. Press of Mississippi, 2015

- Cahir, L. *Literature into film: Theory and practical approaches*. Jefferson, N.C.: McFarland & Company, 2006.
- Corrigan, Timothy. *A Short Guide to writing About Film*, Pearson Education Inc. 2007
- Elliot, Kamila. “Literary Cinema and the Form/Content Debate” *Rethinking the Novel / Film Debate* Cambridge University Press, 2003, pp.133-183.
- Giannetti, Louis. *Understanding Movies* (11th edition), Prentice Hall, 2008.
- Grant, Barry Keith. *Auteurs and authorship: a film reader*, Blackwell Publications 2008
- Hess, John. “*Film and Ideology*”. *Jump Cut*, no. 17, April 1978, pp. 14-16.
- Hutcheon, Linda. “In Defence of Literary Adaptation as Cultural Production.” *M/C Journal*, vol.10, issue 2, 2007. Web article
- Jeong, Seung-hoon. *Cinematic Interfaces: Film Theory After New Media*, Routledge, 2013.
- Keane, Stephen. *CineTech: Film, Convergence and New Media*, Macmillan Education, 2006.
- Khan, Maryam Wasif (2016-06-22). “Enlightenment Orientalism to Modernist Orientalism: The Archive of Forster's *A Passage to India*”. *MFS Modern Fiction Studies*. 62 (2): 217–235.
- McDonald, Kevin. *Film Theory: The Basics*, Routledge, 2016.
- Monaco, James. *How to read a film: Movies, Media and Beyond*. Oxford University Press. (2004)
- Leitch, Thomas. “Adaptation studies at a crossroads”. *Adaptation* vol. 1, issue 1, pp 63-77.
- “Twelve Fallacies in Contemporary Adaptation Theory”. *Criticism* vol. 45, issue 2, (2003): 149-171

- Said, Edward *Culture and Imperialism* (1st Vintage books ed.). New York: Vintage Books, 1994
- Stam, Robert “The Theory and Practice of Adaptation.” *Literature and Film: A Guide to the Theory and practice of Film Adaptation*. Oxford Blackwell, 2005, pp 1-30.
- Suleri., Goodyear, Sara (1992). *The Rhetoric of English India*. Chicago: University of Chicago Press. pp. 132–135.
- Žižek, Slavoj. *The Frigate of Real Tears: Krzysztof Kieślowski Between Theory and Post-Theory*. 2001

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University of Mumbai
Syllabus for T.Y.B.A. English
Semester: V & VI

Course: Optional Paper

Course Title: Literature of Protest

(Choice Based Credit System with effect from the Academic Year 2018-19)

1.		Syllabus as per Choice Based Credit System	
	i)	Name of the Program :	T.Y.B.A. English
	ii)	Course Code :	UAENG506D& UAENG606D
	iii)	Course Title :	Literature of Protest
	iv)	Semester wise Course Contents:	Enclosed the copy of syllabus
	v)	References and Additional References :	Enclosed in the Syllabus
	vi)	Credit Structure : No. of Credits per Semester	04
	vii)	No. of lectures per Unit :	15
	viii)	No. of lectures per week :	03
	ix)	No. of Tutorials per week :	--
2.		Scheme of Examination :	4 Questions of 20 marks each, and a Project of 20 marks
3.		Special notes , if any :	No
4.		Eligibility , if any :	No
5.		Fee Structure :	As per University Structure
6.		Special Ordinances / Resolutions if any :	No

Syllabus for TYBA

Course: Literature of Protest

Course Codes: UAENG506D& UAENG606D

Objectives of the Course:

1. To explore voices of discord, rhetoric and cultural contexts.
2. To compare and contrast the artistic manoeuvres.
3. To examine the protest spectrum in literature.
4. To bring in panoramic understanding of global protest literature and ideologies.
5. To learn the historical links between forms of protest and meanings of literature

Outcome of the Course: After completion of the course, students are expected to be able to:

1. Read and interpret cross cultural texts.
2. Understand protest literature.
3. Get sensitized towards global issues.
4. Learn to look into past, correlate it to present and future.
5. Understand the historicity of protest literature.

Semester V: Literature of Protest– I

Course code- UAENG506D

04 Credits

Total Lectures: 45

Unit 1: Background Topics:

15 Lectures

1. Literature and Protest
2. Politics and Language of Protest
3. Translation and Literature of Protest
4. Concept of Caste, Varna Theory and Division of Labor
5. Concept of Race and Discrimination
6. Protest in African American, Dalit and Tribal Literature

Unit 2: Autobiography:**15 Lectures***I Want to Destroy Myself: A Memoir*- Mallika Amar Shaikh Translated by Jerry Pinto

Or

Dreams from My Father- Barack Obama**Unit 3: Short Story****15 Lectures**

1. Death of a Rich Man
2. When the Sun God Refused to Set
3. Loneliness of An Ex-soldier
4. Confessions of a Graveyard Keeper

(The stories are from *Desperate Men and Women: Ten Dalits Short Stories from India*, edited by Rangrao, B., Kalpaz Publications, 2013)

Semester End Examination Pattern: 80 Marks 3 Hours

Q 1. (a) Short notes on Unit I: Concepts (Two out of Four)	20
Q 2. (a) Essay type question on Unit II(One out of Two)	20
Q 3. (a) Essay type question on Unit III (One out of Two)	20
Q 4. (a) Short notes on Unit II (One out of Two)	10
(b) Short notes on Unit III (One out of Two)	10

Internal Assessment: 20 marks

A project of 20 marks/semester (1500-2000 words) to be undertaken by the students with particular focus on the protest literature in the writings such as Aboriginal literature, Dalit literature, Tribal Literature, African American literature. Students to analyse an autobiography or 5 short stories of their choice (not prescribed in the syllabus) through the lens of protest in Semester V)

Semester VI: Literature of Protest – II**Course code- UAENG606D****03 Credits****Total Lectures: 45****Unit I: Protest in Contemporary Regional Writings: 15 Lectures**

1. Marathi Literature
2. Tamil Literature
3. Gujrati Literature
4. Kannada Literature
5. Hindi Literature
6. Bengali Literature

Unit 2: Novel: 15 Lectures

Uncle Tom's Cabin- Harriet Beecher Stowe

Or

My Father Baliah- Y.B.Satyanarayana**Unit 3: Poetry 15 Lectures****Kamala Das:** 1. *The Looking Glass* 2. *Forest Fire***Meena Kandasamy:** 1. *Advaita: The Ultimate Question*, 2. *The Gods Wake Up***Jyoti Lanjewar:** 1. *The Nameless Ones (anamikas)*, 2. *Caves*,**Semester End Examination Pattern: 80 Marks 3 Hours**

- | | |
|--|----|
| Q 1. (a) Short notes on Unit I: Concepts (Two out of Four) | 20 |
| Q 2. (a) Essay type question on Unit II (One out of Two) | 20 |
| Q 3. (a) Essay type question on Unit III (One out of Two) | 20 |
| Q 4. (a) Short notes on Unit II (One out of Two) | 10 |
| (b) Short notes on Unit III (One out of Two) | 10 |

Internal Assessment: 20 marks

A project of 20 marks/semester (1500-2000 words) to be undertaken by the students with particular focus on the protest literature in the writings such as Aboriginal literature, Dalit literature, Tribal Literature, African American literature. Students to analyse a novel or 5 poems of their choice (not prescribed in the syllabus) through the lens of protest in Semester VI)

Recommended Reading:

Ambedkar B. R., 1978, *Dr. Babasaheb Ambedkar's Writings and Speeches*, vol 1, Education Department, Government of Maharashtra, Bombay

Lohia, Rammanohar, 1964, *The Caste System*, Rammanohar Lohia Samta Vidyalaya Nyas, Hyderabad.

Dangle, Arjun. *Poisoned Bread: Translations from Modern Marathi Dalit Literature*. Orient Longman, 1992 –

Faye, Harrison. The Persistent Power of "Race" in the Cultural and Political Economy of Racism. *Annual Review of Anthropology* 24:47-74.

Nath, J.P., 2002, *Socialist Leadership in India*, Kanishka Publishers, New Delhi

Sharan Kumar Limbale and Jaydeep Sarangi, 2018. *Dalit Voice: Literature and Revolt*. Authors Press, New Delhi

Zoe, Trodd. *American Protest Literature*.2008. Belknap Press of Harvard University Press.

Drake, Kimberly. *Literature of Protest*.2013.Salem Press.

Patricia D. Netzley 1999, *Social Protest Literature: An Encyclopedia of Works, Characters, Authors, and Themes*. ABC-CLIO Literary Companion

Faye, Harrison.2008. *Outsider Within: Reworking Anthropology in the Global Age*. Urbana: University of Illinois Press.

Guru, Gopal, 2008. *Humiliation: Claims and Context*. Oxford University Press Delhi.

Hilliard, Nunn, 1998. Representing African Women in Movies in J. D. Hamlet (Ed.), *Afrocentric Visions: Studies in Culture and Communication*. Sage Publications. USA.

Bhowmik, Davinder & Steve Rabson. 2016. *Islands of Protest: Japanese Literature from Okinawa*

University of Hawai Press.

Reed, T.V. "Introduction" and "Reflections on the Cultural Study of Social Movements." in *The Art of Protest: Culture and Activism from the Civil Rights Movement to the Streets of Seattle*. Minneapolis: University of Minnesota Press, 2005

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11	Dr. R.M. Badode	Professor (Retd.) Department of English, University of Mumbai, Mumbai	Spl. Invitee



UNIVERSITY OF MUMBAI
Revised Syllabus
And
Pattern of Question Paper in the
Subject of
Hindi
At the
F.Y.B.A. Ancillary Examination
As per
CHOICEBASED CREDIT SYSTEM (CBCS)
(With effect from the Academic Year:2019-2020)

	SEMESTER - I
NAME OF PROGRAM	B.A.
NAME OF THE COURSE	F.Y.B.A. Auxiliary Hindi (विशेष शिक्षा)
COURSE CODE	UAIIN 1B1
TOTAL LECTURES	60
CREDITS	3

Aims and Objectives:

1. शिक्षकों को यह विषयों की प्रवृत्ति पढ़ना बतानी, विषय जहाँ के जलौकिक अर्थकर्म, जीवन, संस्कृति, धारा कृत्यों और ऐतिहासिक जहाँ कर्तव्य विषयों से परिचित करना।
2. शिक्षा बतानी के अर्थ में लेखक अर्थकर्म बतानी की प्रवृत्ति एवं बतानी के विषय से अवगत करना।
3. शिक्षकों का और यह विषयों के अर्थकर्म-विषयक तथा विषयकर्मों से परिचित करना।

शिक्षण पाठ्य पुस्तकें:

- 1) कक्षा संक्षेप संग्रह : शिक्षा अर्थकर्म संग्रह, मुंबई विश्वविद्यालय, मुंबई
संक्षेपकर्म संग्रह, इलाहाबाद -1

1. अर्थकर्म संग्रह	- अर्थकर्म संग्रह 'मुंबई'
2. जीवन	- जीवन
3. शिक्षा का जीवन	- शिक्षा
4. शिक्षा में एक दिन	- अर्थकर्म
5. शिक्षा	- जीवन संग्रह
6. शिक्षा	- अर्थकर्म
7. शिक्षा के अर्थकर्म	- शिक्षा संग्रह
8. शिक्षा	- शिक्षा संग्रह
9. शिक्षा	- शिक्षा संग्रह
10. शिक्षा	- शिक्षा संग्रह

- 2) गद्य के विविध अर्थकर्म संग्रह : शिक्षा अर्थकर्म संग्रह, मुंबई विश्वविद्यालय, मुंबई
संक्षेपकर्म संग्रह, 1-बी, मेराली मुख्य मार्ग
को दिल्ली-110002

1. अर्थकर्म संग्रह	- शिक्षा संग्रह-संग्रह (अर्थकर्म)
2. शिक्षा संग्रह	- शिक्षा संग्रह में अर्थकर्म से (विशेष)
3. शिक्षा संग्रह	- शिक्षा संग्रह में अर्थकर्म से (विशेष)
4. शिक्षा संग्रह	- शिक्षा संग्रह में अर्थकर्म से (विशेष)
5. शिक्षा संग्रह	- शिक्षा संग्रह में अर्थकर्म से (विशेष)
6. शिक्षा संग्रह	- शिक्षा संग्रह में अर्थकर्म से (विशेष)
7. शिक्षा संग्रह	- शिक्षा संग्रह में अर्थकर्म से (विशेष)
8. शिक्षा संग्रह	- शिक्षा संग्रह में अर्थकर्म से (विशेष)

अर्थकर्म संग्रह विभाजन

- 1) कक्षा संक्षेप : संग्रह ; शिक्षा अर्थकर्म संग्रह, मुंबई विश्वविद्यालय, मुंबई

पृष्ठ-1. (गद्य संग्रह, अर्थकर्म और जीवन)

संक्षेपकर्म - 15

1. अर्थकर्म संग्रह	- अर्थकर्म संग्रह 'मुंबई'
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SEMESTER – II

NAME OF PROGRAM	: B.A.
NAME OF THE COURSE	: F.Y.B.A. Ancillary Hindi (एचिडक हिन्दी)
COURSECODE	: UAHIN 201
TOTAL LECTURES	: 60
CREDITS	: 3

Aims and Objectives:

1. विद्यार्थियों को गद्य विधाओं की प्रचलित रचना कहानी, निबंध आदि के अतिरिक्त आत्मकथा, जीवनी, संस्मरण, यात्रा कृतान्त और रेखाचित्र आदि नवीनतम विधाओं से परिचित कराना।
2. हिंदी कहानी के आरंभ से लेकर अद्यतन कहानी की प्रवृत्तियों एवं कहानी के विकास से अवगत कराना।
3. विद्यार्थियों का उपन्यास के स्वरूप - विवेचन तथा विशेषताओं से परिचय कराना।

विधार्थित पाठ्य पुस्तकें:

1) जंगल के जुगन् (उपन्यास) - देवेश ठाकुर

बागी प्रकाशन, 21-ब टॉपिंगांज, नई दिल्ली - 110002

2) गद्य के विविध आयाम :

संपादन : हिंदी अध्ययन मंडल, मुंबई विश्वविद्यालय, मुंबई
राजकमल प्रकाशन, 1-बी, नेताजी सुभाष मार्ग,
नई दिल्ली-110002

9. रामधारी सिंह 'दिनकर' - नेता नहीं, नगरिक काहिण (निबंध)
10. महादेवी जर्मा - बदल (संस्मरण)
11. जगदीशम चतुर्वेदी - बाईस वर्ष बाद (रेखाचित्र)
12. मोहन राकेश - स्वामी रघुनन्द (जीवनी)
13. हंकर सुधांतोकर - एक मूर्ति कथा (उपन्यास)
14. जगदीशचंद्र मालु - सफ़ाई का जाला (एकांकी)
15. गुणवर मुने - कंप्यूटर: नई क्रांति की दस्तक (वैज्ञानिक लेख)
16. अमृतलाल बेगड़ - सीढ़ों की नदी नर्मदा (यात्राकृत)

द्वितीय सत्र यूनिट विभाजन

यूनिट-1 (पाठ वाचन और व्याख्यान) व्याख्यान - 15

1) जंगल के जुगन् (उपन्यास) - देवेश ठाकुर

यूनिट-2 (उपन्यास की समीक्षा) व्याख्यान - 15

जंगल के जुगन् (उपन्यास) - देवेश ठाकुर

2) गद्य के विविध आयाम : संपादन : हिंदी अध्ययन मंडल, मुंबई विश्वविद्यालय, मुंबई

यूनिट-3 (पाठ वाचन, व्याख्यान और समीक्षा) व्याख्यान - 15

Janata Shikshan Mandal's
Smt. Indirabai G. Kulkarni Arts College, J. B. Sawant Science College and
Sau. Janakibai D. Kunte Commerce College, Alibag – Raigad (Maharashtra)
(J. S. M. College Alibag Raigad)
स्नातकोत्तर हिंदी विभाग एवं शोध-केंद्र

CROSSCUTTING ISSUES

FYBA HINDI- COURSE CODE- UHIN-101 & 102

बी.ए. प्रथम वर्ष हिंदी के अंतर्गत साहित्य की रचनाओं में सम्मिलित मानवी आदर्श, मानवी मूल्य, नैतिकता, संवेदना, सामाजिक सरोकार, लिंग, समानता इत्यादि को केंद्रित करके रचनाओं का निरूपण विश्वविद्यालय ने हिंदी प्रथम वर्ष के पाठ्यक्रम में सम्मिलित किया है। चंद्रधर शर्मा 'गुलेरी' 'उसने कहा था' कहानी मानवी सरोकारों की कहानी है जिसमें सहयोग, मैत्री और विश्वास को दर्शाया गया है। 'बेटी' रचना के माध्यम से मैत्रेयी पुष्पा ने बेटियों के संदर्भ में तथा महिलाओं की जीवन स्थिति पर प्रकाश डाला गया है। मालती जोशी की कहानी 'आस्था के आयाम' भी मानवी जीवन के मूल्यों को प्रदर्शित करती हुई कहानी है। महात्मा गांधी आत्मकथा का भाग 'मेरा विद्यार्थी-काल' अनुशासन प्रियता विद्यार्थियों को सिखाती है। हरिशंकर परसाई का व्यंग्य निबंध 'सदूर का कहना है' में गुरु के महत्व को दर्शाया है। 'निर्वासित' कहानी में सूर्यबाला ने आधुनिक समाज की संतानों के अपने बुजुर्ग होते माता-पिता के प्रति उपेक्षित व्यवहार को दर्शाया है। 'मेरी अंडमान यात्रा' यात्रा-वृत्त में अंडमान के प्राकृतिक सौन्दर्य के साथ भारत के सुरक्षा के दृष्टि से उसकी महत्ता को दर्शाया है। 'सौन्दर्य की नदी नर्मदा' में पर्यावरण संवेदना, सौन्दर्य एवं जीवन में नदी के महत्व को चित्रित किया है। 'समाज सेवा' निबंध के माध्यम से समाज सेवा का महत्व बताते हुए सामाजिक दायित्व निभाने की ओर संकेत किया है। मनुष्य के जीवन में नैतिकता, मानवी मूल्यों और जीवन के सरोकारों की आवश्यकता को उद्घाटित किया है। 'नेता नहीं नागरिक चाहिए' निबंध में समाज की उन्नति नागरिकों के आदर्श रूप पर निर्भर होने की बात कही है। 'बदलू' रेखाचित्र के माध्यम से महादेवी वर्मा ग्रामीण और निर्धन स्त्रियों की स्थिति, उनके शारीरिक स्वास्थ्य की चिंता प्रकट करती हैं। 'बाईस वर्ष बाद' संस्मरण में पति द्वारा परिवार त्यागने के बाद अशिक्षित और निर्धन पत्नी द्वारा किए गए जीवन संघर्ष को, पारिवारिक जिम्मेदारियों के निर्वाह को चित्रित किया है। 'एक मूर्ति-कथा' व्यंग्य रचना में शिक्षा और कला के ऊपर धन के वर्चस्व को प्रस्तुत किया है। समाज में लक्ष्मी के आगे सरस्वती का स्थान गौण होने की बात रखी गई है।



UNIVERSITY OF MUMBAI
Revised Syllabus
And
Pattern of Question Paper in the
Subject of Hindi
At the
S.Y.B.A. PAPER- II & III
CHOICE BASED CREDIT SYSTEM (CBCS)

(With effect from the Academic Year: 2020-2021)

PAPER II, SEMESTER – III

NAME OF PROGRAM	: B. A. (C.B.C.S)
NAME OF THE COURSE	: S. Y. B. A.
COURSE CODE	: UAHIN301
TOTAL LECTURES	: 45
CREDITS	: 03

अधिप्राप्य एवं उद्देश्य- Aims and Objectives:

1. विद्यार्थियों को हिन्दी की माध्यकालीन और आधुनिककालीन पद्य विधाओं की प्रसिद्ध, प्रचलित रचनाओं एवं परंपरा की जानकारी प्रदान करते हुए दार्शनिक, सामाजिक, राष्ट्रीय, मानवीय और नवीनतम आधुनिक जीवन-शैली संबंधी मूल्यों का परिचय कराना।
 2. हिंदी काव्य के माध्यकाल से लेकर अद्यतन काव्य की प्रवृत्तियों एवं कविता के विकास से अवगत कराते हुए काव्य के सामाजिक, मानवीय संरोकारों के साथ पर्यावरण-चेतना को समृद्ध करना।
 3. काव्य के अंतर्गत प्रत्येक विभिन्न शैलियों का परिचय कराते हुए उसकी विलक्षणता अन्वय के माध्य जीवन के क्षेत्र में काव्य की उपादेयता को दर्शाना।
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परिणाम- Outcomes:

1. विद्यार्थियों में मानवीय संवेदनाओं के विकास के साथ नवीन सामाजिक, सांस्कृतिक बंध और जीवन मूल्यों का विकास होगा।
 2. विद्यार्थियों में साहित्य के माध्यम से कलात्मक गुणों की अधिकृष्टि होगी, कला की साहित्यिक विधाओं के प्रति अधिकरति जागृत होगी तथा रचनात्मक-कौशल को बढ़ावा मिलेगा।
 3. विद्यार्थियों में नये वैश्विक-मूल्यों के प्रति सजगता को बढ़ावा मिलेगा एवं पर्यावरणीय चेतना के प्रति दायित्व-बोध उत्पन्न होगा।
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अध्यापन प्रणालियाँ- Teaching Method:

1. व्याख्यान, चिन्नेषण तथा व्याख्यात्मक पद्धति का प्रयोग।
2. दूरव, श्रव्य माध्यमों और संगणक का प्रयोग।
3. उदाहरण द्वारा वृष्टि एवं लेखकों के अलिपि व्याख्यान।
4. स्वाध्याय / परियोजना।

8. मैं पर नहीं लिख सकता कविता	:	चंद्रकान्त देवताले
9. विकल्प	:	राजेश जोशी
10. एक और बुद्ध	:	ओमप्रकाश कल्मीकि
11. नये इलाके में	:	अरुण कमल
12. उतनी दूर मत ब्याहना बाबा !	:	निर्मला पुस्तक

2. स्वयंप्रभा (खंडिकाव्य)

लेखक – एम.के.एन. शर्मा 'उदधारा'

प्रकाशक : अमन प्रकाशन 104/80C रामबाग, कानपुर-208012

इकाई- विभाजन- SEMESTER-III, PAPER II, COURSE CODE- UAHIN301

इकाई-1-व्याख्यान-04- कबीर, सूरदास	(पाठ वाचन एवं व्याख्या)
इकाई-2-व्याख्यान-04- तुलसी, भीमबाई	(पाठ वाचन एवं व्याख्या)
इकाई-3-व्याख्यान-04- रहीम, बिहारी	(पाठ वाचन एवं व्याख्या)
इकाई-4-व्याख्यान-15- आधुनिक काव्य	(पाठ वाचन एवं व्याख्या)
इकाई-5-व्याख्यान-13- स्वयंप्रभा	(पाठ वाचन एवं व्याख्या)
व्याख्यान-05-पाठानुचिन्ना और प्रश्न बर्षा	

क्रेडिट- 03

विद्यार्थियों हेतु प्रश्न पत्र का प्रारूप

प्रश्न पत्र II, सेमेस्टर III (तृतीय सत्र)

पूर्णांक- 100

समय- 03:00 घंटे

प्रश्न-1 संदर्भ सहित व्याख्या (दोनों पुस्तकों में से विकल्प सहित)

अंक-20

प्रश्न-2 दीर्घोत्तरी प्रश्न (दोनों पुस्तकों में से विकल्प सहित)

अंक-40

प्रश्न-3 सामान्य प्रश्न (दोनों पुस्तकों में से किसी एक का उत्तर अपेक्षित)

अंक-20

प्रश्न-4 टिप्पणियाँ (दोनों पुस्तकों से विकल्प सहित)

अंक-10

प्रश्न-5 अनिलपूतरी वस्तुनिष्ठ (दोनों पुस्तकों में से)

अंक-10

योग = 100

S. Y. B. A. PAPER II, SEMESTER –IV (C.B.C.S)

निर्धारित पाठ्य पुस्तकें :

1. व्यंग्य-वीथी : संपादन : हिंदी अध्ययन मंडल, मुंबई विश्वविद्यालय, मुंबई
रघुकृष्ण प्रकाशन, जी-17 जगतपुरी, दिल्ली-110 051

पाठ्यक्रम के लिए निर्धारित व्यंग्य निबंध-

- | | | |
|---------------------------------|---|-----------------|
| 1. वसीयत | : | भगवती चरण वर्मा |
| 2. सुदामा के चावल | : | हरिशंकर परसाई |
| 3. एक लाख | : | शंकर पुणलचिकर |
| 4. बापू की विरासत | : | नामवर सिंह |
| 5. बंसी वाले का पुजारी | : | शरद जोशी |
| 6. चाह रे ! हमदर्द | : | धनश्याम अग्रवाल |
| 7. प्रभु जी, तुम डॉलर हम पानी | : | सूर्यबाला |
| 8. छूकर चरण भाग्य बनते हैं | : | स्नेहलता पाठक |
| 9. कन्या रत्न का दर्द | : | प्रेम जनमेजय |
| 10. वाशिंग मशीन में बाल सरस्वती | : | बी. एल. आच्छा |
| 11. गाँव के स्कूल में कम्प्यूटर | : | ज्ञान चतुर्वेदी |
| 12. ऐनक के चहाने | : | ब्रजेश कानूनगो |

2. शकुंतिका (उपन्यास) : लेखक - भगवानदास मोरवाल

प्रकाशक : राजकमल प्रकाशन, 1-बी, नेताजी सुभाष मार्ग, नई दिल्ली



UNIVERSITY OF MUMBAI

REVISED SYLLABUS AND PATTERN OF

QUESTION PAPER IN THE

SUBJECT OF HINDI

AT THE

T.Y.B.A. EXAMINATION

CHOICE BASED CREDIT SYSTEM

(C.B.C.S.)

(PAPER - IV, V, VI, VII, VIII, IX)

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(Paper - IV, V, VI, VII, VIII, IX)
(With effect from the Academic Year : 2021-2022)

हिन्दी अध्ययन मण्डल

अध्यक्ष : डॉ. अनिल सिंह

1. डॉ. करुणाशंकर उपाध्याय (सदस्य)
2. डॉ. हनुनाथ पाण्डेय (सदस्य)
3. डॉ. विद्या सिंघे (सदस्य)
4. डॉ. शीला आहुजा (सदस्य)
5. डॉ. भिष्म गोस्वामी (सदस्य)
6. डॉ. संतोष मोटवानी (सदस्य)
7. डॉ. प्रकाश धुमाल (सदस्य)
8. डॉ. गीतम सोनकांबले (सदस्य)
9. डॉ. मोहसिन खान (सदस्य)

पाठ्यक्रम समिति

समन्वयक : डॉ. मोहसिन खान

1. डॉ. सतीश पाण्डेय (सदस्य)
2. डॉ. विद्या सिंघे (सदस्य)
3. डॉ. रेखा शर्मा (सदस्य)
4. डॉ. एल.आई. पोरफड़े (सदस्य)
5. डॉ. रमा सिंह (सदस्य)
6. प्रा. संतोष गायकवाड (सदस्य)
7. डॉ. रामदास तोंडे (सदस्य)
8. डॉ. संध्या गर्जे (सदस्य)

मुंबई विश्वविद्यालय, मुंबई

पाठ्यक्रम का अभिप्राय, उद्देश्य, परिणाम, अध्यापन प्रणालियाँ

अभिप्राय एवं उद्देश्य- AIMS AND OBJECTIVES:

1. विद्यार्थियों को हिन्दी साहित्य के प्राचीन, मध्यकालीन और आधुनिक इतिहास का बोध कराते हुए हिन्दी साहित्य के इतिहास संबंधी साहित्य के विकासक्रम, प्रवृत्तियों एवं परिवेश का परिचय कराना।
2. विद्यार्थियों को हिन्दी की आधुनिककालीन गद्य-पद्य विधाओं की प्रसिद्ध, प्रचलित रचनाओं एवं परिवेश की जानकारी प्रदान करते हुए दार्शनिक, सामाजिक, राष्ट्रीय, मानवीय और नवीनतम आधुनिक जीवन-शैली संबंधी मूल्यों का परिचय कराना। आधुनिक साहित्य की प्रवृत्तियों के विकास से अवगत कराते हुए साहित्य के सामाजिक, मानवीय सरोकारों के साथ पर्यावरण-चेतना को समृद्ध करना।
3. विद्यार्थियों को पारंपरिक भारतीय काव्यशास्त्र के मानदंडों से परिचय कराते हुए, साहित्य की विभिन्न विधाओं से अवगत कराना, साहित्य के काव्यशास्त्रीय नियमों की जानकारी प्रदान करना।
4. विद्यार्थियों को भाषा के वैज्ञानिक अध्ययन के महत्व से अवगत कराते हुए भाषा विज्ञान की उपसंगीत तथा भाषा एवं लिपि-विज्ञान के विभिन्न अंगों का व्यवहारिक परिचय कराना।
5. जनसंचार, सूचना प्रौद्योगिकी, सोशल मीडिया के अधुनातन माध्यमों में हिन्दी के प्रयोग, प्रसार से अवगत कराते हुए हिन्दी के माध्यम से रोजगार की संभावनाओं को विद्यार्थियों के समक्ष लाना।
6. सामाजिक परिवर्तन हेतु वैचारिक प्रसार को अवगत कराते हुए विविध नव सामाजिक वैचारिक आंदोलनों की पृष्ठभूमि, विविध विभागों को दर्शना तथा साहित्य पर पड़े उनके प्रभावों से अवगत कराना।

परिणाम- OUTCOMES:

1. विद्यार्थी को हिन्दी साहित्य के इतिहास की व्यापक जानकारी प्राप्त होगी, साहित्य की अखिल धारा का परिचय प्राप्त होगा। हिन्दी साहित्य की विभिन्न विधाओं का व्यापक और क्रमबद्ध ज्ञान प्राप्त होगा।
2. विद्यार्थियों में साहित्य के माध्यम से कलात्मक गुणों की अभिवृद्धि होगी, कला की साहित्यिक विधाओं के प्रति अभिरुचि जागृत होगी तथा रचनात्मक-कौशल को बढ़ावा मिलेगा, साहित्य के समकालीन परिवेश से जुड़ सकेंगे, सामाजिक समस्याओं, पक्षों से अवगत होते हुए समाधान की ओर बढ़ सकेंगे।
3. विद्यार्थी जनसंचार, सूचना प्रौद्योगिकी, सोशल मीडिया के अधुनातन माध्यमों में प्रयुक्त हिन्दी-देवनागरी लिपि के अध्ययन, प्रयोग में मीडिया, कौशल निर्माण आदि क्षेत्रों में रोजगार के अवसर प्राप्त कर सकेंगे।
4. विद्यार्थी भारतीय काव्यशास्त्र की व्यापक जानकारी प्राप्त होने के साथ काव्यशास्त्रीय मानदंडों का ज्ञान प्राप्त होगा जिसके माध्यम से विद्यार्थी स्वयं साहित्य-रचना की प्रवृत्ति की ओर प्रेरित हो सकेंगे।
5. विद्यार्थी भाषा के विविध रूप तथा भाषा परिवर्तन के कारणों का ज्ञान प्राप्त कर सकेंगे। भाषा विज्ञान के विभिन्न अंगों से परिचित होते हुए उसकी उपयोगिता का ज्ञान प्राप्त कर सकेंगे। विद्यार्थी हिन्दी-जनितियों के उच्चारण संबंधी तथा देवनागरी लिपि का वैज्ञानिक ज्ञान को प्राप्त कर सकेंगे।
6. विद्यार्थियों में मानवीय संवेदनाओं के विकास के साथ नवीन सामाजिक, सांस्कृतिक बोध और जीवन मूल्यों का विकास होगा, जिससे विद्यार्थी अधिक उदार, चेतना-सम्पन्न तथा जिम्मेदार नागरिक बनेंगे।
7. विद्यार्थियों में नये वैदिक-मूल्यों के प्रति सजगता को बढ़ावा मिलेगा एवं पर्यावरणीय चेतना के प्रति दायित्व-बोध उत्पन्न होगा।

अध्यापन प्रणालियाँ- TEACHING METHOD

1. व्याख्यान तथा निम्नरेखा।
2. दूरदर्शन/श्रव्य माध्यमों और संगणक का प्रयोग।
3. राजभाषा अधिकारियों/जनसंचार माध्यमों से संलग्न व्यक्तियों के अतिथि व्याख्यान।
4. स्वाध्याय/परिचोदना।
5. रीक्षणिक प्रश्न।

NAME OF PROGRAM	T. Y. B. A. (C.B.C.S.) VI
NAME OF THE COURSE	T.Y.B.A. HINDI
SEMESTER	VI
PAPER NAME	POST INDEPENDENCE HINDI LITERATURE स्वातंत्र्योत्तर हिंदी साहित्य
PAPER NO.	V
COURSE CODE	UAHN-602
LACTURE	60
CREDITS & MARKS	CREDITS -4 & MARKS -100

स्वातंत्र्योत्तर हिंदी साहित्य

इकाई- I

- कविता : अर्थ, परिभाषा एवं स्वरूप
- स्वातंत्र्योत्तर कविता : संवेदना और गीत

इकाई- II

निर्धारित पाठ्य पुस्तक-

- काव्य-सौरभ (कविता-संग्रह)-संपादन: हिंदी अध्यापन मंडल, मुंबई विश्वविद्यालय, मुंबई, राजकमल प्रकाशन, हरियाणव, नई दिल्ली

पाठ्यक्रम के लिए निर्धारित कवितार्थ-

- बाकी – सच्चिदानंद हीरानंद वाल्म्यायन 'अज्ञेय'
- उनको प्रणाम – नागार्जुन
- नया कवि – गिरिजाकुमार माथुर
- प्रमथ्यु गाथा – धर्मवीर भारती
- इस तरह तो – बालस्वरूप राठी
- पानी में धिरे हुए लोग – केदारनाथ सिंह
- थोड़े-से बच्चे और बाकी बच्चे – चंद्रकांत देवताले
- सिलसिला – सुदामा पाण्डेय धूमिल
- रत किसी का घर नहीं – राजेश जोशी
- चुपचाप टूटेगी – ओमप्रकाश वाल्मीकि
- बाजार-नुमाइश में – दीक्षित टनकीरी
- वृद्धि पृथ्वी का दुख – निर्मला पुतल

इकाई- III

- निबंध : अर्थ, परिभाषा, भेद और तत्व
- हिन्दी निबंध साहित्य का विकास

इकाई- IV निर्धारित पाठ्य पुस्तक-

- निबंध-विविधा (निबंध-संग्रह) – संपादन: हिंदी अध्ययन मंडल, मुंबई विश्वविद्यालय, मुंबई, नयी कितान प्रकाशन, हरियाणा, नई दिल्ली

पाठ्यक्रम के लिए निर्धारित निबंध-

- नाजार-दर्शन – वैनेन्द्र कुमार
- पाप के चार हथियार – कन्हैयालाल मिश्र 'प्रभाकर'
- मनुष्य की सर्वोत्तम कृति-साहित्य – हजारीप्रसाद द्विवेदी
- हिम्मत और जिदगी – रामधारी सिंह 'दिनकर'
- अगर मुल्क में अखबार न हो – नामवर सिंह
- रसायन और हमारा पर्यावरण – डी. एन. एल. रामनाथन
- आँगन का पंछी – विद्यानिवास मिश्र
- पाँत का आखिरी आदमी – कुबेरनाथ राय
- मनुष्य और उग – प्रेम जमेजय
- ओ बसंत तुम्हें मनुहारता कचनार – श्रीराम परिहार

Janata Shikshan Mandal's
Smt. Indirabai G. Kulkarni Arts College, J. B. Sawant Science College and
Sau. Janakibai D. Kunte Commerce College, Alibag – Raigad (Maharashtra)
(J. S. M. College Alibag Raigad)
स्नातकोत्तर हिंदी विभाग एवं शोध-केंद्र

TYBA HINDI Crosscutting Issues
COURSE CODE - UHIN- 502 & 602

बी.ए. तृतीय वर्ष हिंदी में मुम्बई विश्वविद्यालय ने जो पाठ्यक्रम निर्धारित किया है उसमें जिन रचनाओं को सम्मिलित किया गया है, वह अधिकांश रचनाएं मानवीय मूल्य से संबंधित रचनाएं हैं। 'पानी में धिरे हुए लोग' केदारनाथ सिंह की रचना है जिसमें बाढ़ के दृश्य को दर्शाया गया है, जो पर्यावरण असंतुलन को दर्शाता है। चंद्रकांत देवताले की कविता 'थोड़े से बच्चे और बाकी बच्चे' गरीब और अमीर वर्ग के बच्चों की स्थितियों का चित्रण करती हुई बाल जीवन को केंद्रित करके रची गई कविता है। राजेश जोशी की कविता 'रात किसी का घर नहीं' निराश्रित व्यक्तियों की पीड़ा को व्यक्त करती है एवं वृद्ध जीवन की समस्याओं को रेखांकित करती है। ओम प्रकाश वाल्मीकि की 'कविता चुप्पी टूटेगी' दलित जीवन की बढ़ाहल स्थितियों का चित्रण करती है। 'निर्मला पुतुल की कविता 'बूढ़ी पृथ्वी का दुख' पर्यावरण संवेदना को प्रकट करती है।

कन्हैया लाल मिश्र प्रभाकर का निबंध 'पाप के चार हथियार' मानवी नैतिकता को केंद्र में रखकर रचा गया निबंध है। 'पाठ का आखिरी आदमी' कुबेरनाथ द्वारा रचा गया निबंध है, जिसके अंतर्गत आम जीवन को केंद्रित करके राष्ट्र के विकास की भागीदारी तय करना दर्शाया गया है। पर्यावरण को केंद्र में रखकर श्री राम परिहार ने निबंध रचा है 'ओ वसंत तुम्हें मनुहारता कचनार' जिसके अंतर्गत वसंत ऋतु का वर्णन करते हुए पर्यावरण संतुलन और पर्यावरण से दूर हो रहा मानव जीवन को केंद्रित किया गया है। 'रसायण और हमारा पर्यावरण' निबंध में डॉ. रामनाथन ने पर्यावरण के हास की प्रति चिंता व्यक्त की है।


डॉ. अनंद कुमार
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As Per NEP 2020

University of Mumbai



Title of the program

- A- P.G. Diploma in Hindi } **2023-24**
B- M.A. (Hindi) (Two Year) }
C- M.A. (Hindi)(One Year) - **2027-28**

Syllabus for

Semester – Sem I & II

Ref: GR dated 16th May, 2023 for Credit Structure of PG

Preamble

1) Introduction

हिंदी विश्व की सर्वाधिक बोली जाने वाली प्रमुख भाषाओं में एक है जिसका साहित्य लगभग 1300 वर्ष पुराना है। इन तैरह सौ वर्षों में अधिकांश भारतीय जनमानस ने जो चिंतन किया, जो जीवन लिया, उनकी आस्थाओं, विश्वासों, स्वप्नों तथा नीतिमत्ताओं का साक्षात् प्रमाण है हिंदी साहित्य।

अतीत का गौरव हो या भक्ति का संस्कार या लगता-बंधुत्व तथा न्याय की स्थापना, हिंदी साहित्य ने इसका प्रतिभान रखा है।

इस गौरवशाली भूमिका के अतिरिक्त आज रोजगार की भाषा के रूप में हिंदी बड़ी तेज़ी से विकसित होती जा रही है। जनसंचार माध्यम, सिनेमा, नाटक, विज्ञापन, राजभाषा, अनुवाद आदि के क्षेत्र में हिंदी का वर्चस्व निरंतर बढ़ रहा है।

उच्च शिक्षा में हिंदी भाषा और साहित्य की भूमिका अब हर क्षेत्र में महत्वपूर्ण होने जा रही है। ऐसे में हिंदी की स्नातकोत्तर पढ़ाई वर्तमान शिक्षा प्रणालि में बेहद जरूरी हो गई है।

2) Aims and Objectives

हिंदी की स्नातकोत्तर शिक्षा से विद्यार्थियों में एक ओर अपनी प्रतिभा को अपनी भाषा में निखारने का एक अवसर प्राप्त होगा। अपनी साहित्यिक परंपरा और भाषिक अवदान को समझने तथा उसका आधार लेकर अपने वर्तमान को संवारने का कौशल प्राप्त होगा।

साहित्य के माध्यम से भारतीय मूल्य परंपरा को समझने तथा जीवन की सार्थकता को पहचानने की एक दृष्टि प्राप्त होगी।

इन नैतिक और आत्मिक उपलब्धियों के साथ ही भाषा आधारित रोजगार तथा साहित्य और जनमाध्यमों में आवश्यक कौशल विकास द्वारा अपने भविष्य और राष्ट्र के वर्तमान को संवारने का अवसर भी प्राप्त होगा।

3) Learning Outcomes

हिंदी की स्नातकोत्तर शिक्षा से विद्यार्थियों को निम्नलिखित उपलब्धियां हो सकती हैं -

1. भाषा की सही समझ और उचित प्रयोग की क्षमता का विकास।
2. साहित्य के अध्ययन से भारतीय चिंतन परंपरा का सार्थक ज्ञान।
3. साहित्य रसास्वादन से संवेदनशीलता तथा न्यायप्रियता का विकास।
4. नाटक एवं संगमंच के शिक्षण-प्रशिक्षण के माध्यम से मानवीय भावों तथा मन्वेविज्ञान की सही समझ का निर्माण।
5. नाटक, संगमंच, सिनेमा, टेलिविज़न आदि जनमाध्यमों के योग्य प्रतिभा का विकास।
6. अनुवाद कला के प्रशिक्षण द्वारा अन्य भाषाओं के साहित्य को हिंदी में लाकर हिंदीभाषी जनमानस का बौद्धिक एवं आत्मिक क्षितिज विस्तृत करने में सहयोग।
7. भाषा आधारित रोजगार तथा प्रतिष्ठानिता परीक्षाओं के योग्य बनने में सहायक।

4) Any other point (if any)

हिंदी भाषा वर्तमान में राज्या की भाषा बन चुकी है जिससे भाषा आधारित रोजगार की अपार संभावनाएं हैं।

5) Baskets of Electives

प्रत्येक सत्र में 10 ऐच्छिक विषयों की व्यवस्था की गई है जिनमें लगभग सभी अंतर-अनुशासनिक प्रकृति के हैं।

6) Credit Structure of the Program (Table as per IIPK V 1 with sign of HOD and Dean)

One module of 2 credits and One paper has 2 modules. In each semester students will study for minimum 20 credits maximum 22 credits. Thus the total no of credits per semester will be minimum 40 credits and maximum 44 credit

NAME OF PROGRAM	M.A.(C.B.C.S)
NAME OF THE COURSE	M.A.(Hindi)
SEMESTER	I
PAPER NAME	Hindi Drama (हिंदी नाटक)
PAPER NO.	4
COURSE CODE	33504
LACTURE	30
INTERNAL ASSESSMENT	25
EXTERNAL ASSESSMENT	25
CREDITS & MARKS	2 & 50

Pre requisite :

Three year under graduation or four year under graduation course from any faculty.

Course outcomes:

- क) कला और साहित्य की प्राचीनतम विधा से परिचय प्राप्त करना.
- ख) हिंदी नाटकों के विकास और रंगमंच की जानकारी प्राप्त करना.
- ग) नाटक का तात्त्विक परिचय प्राप्त करना.
- घ) नाटक और रंगमंच के अंतःसंबंध का ज्ञान प्राप्त करना.

MODULE I : (2 CREDITS)

Unit 1:

- क) नाट्य और नाटक : अर्थ, परिभाषा, स्वरूप
- ख) नाटक और रंगमंच, रंग विमर्श
- ग) नाटक के सत्व, विशेषताएँ

Unit 2:

क) पर्योगधर्मी नाटक का स्वरूप

ख) आधे-अधूरे (नाटक) - मोहन राकेश, गंधारकृष्ण प्रकाशन, नई दिल्ली

ग) आधे-अधूरे - विविध सट्टे

Janata Shikshan Mandal's
Smt. Indirabai G. Kulkarni Arts College, J. B. Sawant Science College and
Sau. Janakibai D. Kunte Commerce College, Alibag – Raigad (Maharashtra)
(J. S. M. College Alibag Raigad)
स्नातकोत्तर हिंदी विभाग एवं शोध-केंद्र

MA HINDI- I, Crosscutting Issues

COURSE CODE- 33504

स्नातकोत्तर भाग-I का पाठ्यक्रम विश्वविद्यालय द्वारा निर्मित किया गया है, स्नातकोत्तर भाग-I के अंतर्गत हिंदी नाटक प्रश्न पत्र के अंतर्गत 'आधे-अधूरे' नाटक का समायोजन किया गया है। जिसमें मध्यम वर्ग के जीवन की पारिवारिक स्थिति एवं स्त्री दशा और पुरुष वर्ग से समानता का उल्लेख दर्शाया गया है। नाटक मानवी मनोविज्ञान के साथ सामाजिक समस्याओं को केंद्र में रखकर नैतिकता की बात समक्ष रखता है।


डॉ. मोहन कुमार
स्नातकोत्तर हिंदी विभाग
एन. सी. कॉलेज
सा. ज. क. कॉलेज, अलिबाग रायगड
ज. स. म. कॉलेज, अलिबाग रायगड
पिन-402101, वि. रायगड (महाराष्ट्र)



UNIVERSITY OF MUMBAI
Revised Syllabus and
Pattern of Question Paper in the
Subject of
Hindi
At the
M.A. - II
Examination
Choice Based Credit System (CBCS)
Semester III & IV
(With effect from the Academic Year :2019-2020)

UNIVERSITY OF MUMBAI

Revised Syllabus and
Pattern of Question Paper in the
Subject of

Hindi

at the

M.A. – II

Examination

Choice Based Credit System (CBCS)

Semester III and IV

(With effect from the Academic Year :2019-2020)

हिन्दी अध्ययन मंडल

अध्यक्ष : डॉ. अनिल सिंह

1. डॉ. कल्याणका उपाध्याय(सदस्य)
2. डॉ. हृदनाथ पाण्डेय(सदस्य)
3. डॉ. विद्या जिंदे (सदस्य)
4. डॉ. शीला आहुजा (सदस्य)
5. डॉ. चित्रा गोस्वामी(सदस्य)
6. डॉ. संतोष मोदवानी(सदस्य)
7. डॉ. प्रकाश फुवाल(सदस्य)
8. डॉ. गौतम मोनकाबले(सदस्य)
9. डॉ. मोहसिन खान(सदस्य)

UNIVERSITY OF MUMBAI

Revised Syllabus and Pattern of Question Paper in the
Subject of Hindi at the

M.A. – II

Examination

CHOICE BASED CREDIT SYSTEM (CBCS)

Semester III and IV

(With effect from the Academic Year : 2019-2020)

पाठ्यक्रम समिति

1. डॉ. करुणाशंकर उपाध्याय (समन्वयक)
2. डॉ. विष्णु सरवटे (सदस्य)
3. डॉ. दत्तात्रय मुरुमकर (सदस्य)
4. डॉ. संतोष भोटवानी (सदस्य)
5. डॉ. बालकवि सुरजे (सदस्य)
6. डॉ. उमेश शुक्ल (सदस्य)
7. डॉ. सुनील चव्हाण (सदस्य)
8. डॉ. महेश दवंगे (सदस्य)

मुंबई विश्वविद्यालय, मुंबई

एम. ए. (द्वितीय वर्ष) सेमेस्टर III and IV

M.A. Syllabus According to Choice Based Credit System

Semester - III (तृतीय सत्र)

Course Code : PAHIN 109

पत्र-पर - १

आधुनिक नृत्य

(Modern Prose)

कुल श्रेयांक(Credit) = 6

पाठ्य पुस्तकें

इकाई एक और दो

श्रेयांक -2

१. **वीदान (उपन्यास) - प्रेमचंद**

राजकमल प्रकाशन, नई दिल्ली

इकाई तीन -

श्रेयांक -2

२. **कल्पलता (निबंध) - हजारीप्रसाद द्विवेदी**

राजकमल प्रकाशन, नई दिल्ली

(चयनित निबंध- नायून कथी बढ़ते हैं, आम फिद बीरा गये, शिरीष के

फूल, अराधन महाकाल का कुठ नृत्य, महात्मा के महाप्रयाण के बाद, डाकुपजी की बटीर,

संस्कृतियों का संगम, समालोचक की डाक, महिनाओं की तिथी कहानियाँ, केतुदर्शन)

इकाई चार -

श्रेयांक -2

३. **क्या मजरी (कहानियाँ) - सपादक - महेंद्र कुलश्रेष्ठ**

राजकमल प्रकाशन, नई दिल्ली

(सभी कहानियाँ)

Semester - III (तृतीय मस)
 Course Code : PAHIN 110

पसल पड - 10

आधुनिक काव्य
 (Modern Poetry)

कुल श्रेयांक(Credit) = 6

पहल पुस्तक

इकाई एक और दो

कासाधनी - जयशंकर प्रसाद

लोकभारती प्रकाशन, इलाहाबाद
 (चिता, अदा और इडा)

श्रेयांक - 2

इकाई तीन

2 अगन के पर दर - अजेय

भारतीय जालपीठ प्रकाशन, नई दिल्ली
 (बना दे चित्ते, चिट्टिया ने, अल-सलिला, असाध्यकीणा)

श्रेयांक - 2

इकाई चार

3 प्रतिनिधि कवितारं - मुक्तिबोध - सं. असोक वाजपेयी

राजकमल प्रकाशन, नई दिल्ली
 (मूल गालती अधरे मे, बहमराक्षस)

श्रेयांक - 2

Semester - III (तृतीय सत्र)
Course Code : PAHIN 111

पक्षों पर - ११

विविध विमर्श एवं साहित्य
(Various Discourse and Literature)

कुल श्रेयान (Credit) = 6

पाठ्य पुस्तकें

इकाई एक और दो

श्रेयान - २

१. झूठा नट - उपन्यास (द्वि विमर्श) - जीवेकी पुस्तकें
राजकमल प्रकाशन, नयी दिल्ली

इकाई तीन

श्रेयान - २

२. अब और नहीं - कविता संग्रह (द्वि विमर्श) - ओमप्रकाश वाल्मीकि
राधाकृष्ण प्रकाशन, नयी दिल्ली

घयनित कवितार्पण - (जो मेरा कभी नहीं हुआ, जाति, अमूठे का निशान,

काले दिनों में, विस्मय, मरुड जात, जहर, कथावाचक,

शब्द चुप नहीं है, अब और नहीं) = कुल १० कवितार्पण

इकाई चार

श्रेयान - २

३. पूर्ण लपे लीर - उपन्यास (आदिवासी विमर्श) - हरिराम जीणा
साहित्य उपक्रम

Semester - III (तृतीय सत्र)
Course Code : PAHIN 112.3

(अंतः अनुशासनिक अध्ययन)

प्रश्न पत्र -12.3

मराठी संतों का हिंदी काव्य
(Hindi Poetry of Marathi Saints)
कुल श्रेयांक (Credit) = 6

कठ्य पुस्तकें

इकाई एक और दो

श्रेयांक - 3

1. संत नामदेव की हिन्दी पदावली - संपा. डॉ. शशीरथ मिश्र, डॉ. राजनारायण सोदी

प्रकाशक- हिन्दी विभाग पुणे विश्वविद्यालय, पुणे- 411007

(पद संख्या - ११, १२, १९, १३, १५, १८, १९, २१, २२, ४२, ४८, ५१, ६४, ६५, ६४,

७६, ९२, ९६, ९७, १०५) कुल = २० पद

इकाई तीन और चार

श्रेयांक -3

2. तुकाराम पदावली - प्रा. वैदकुमार 'वेदान्तबाबू'

विकास प्रकाशन, उरमाजाबाद

(पद संख्या -४, ३६, ५१, ६०, ७०, ८५, १०८, ११४, १५१, १६४, १९६, २०९, २०३,

२७८, २९३, ३०२, ३३३, ३७९, ४१७, ४४६) कुल = २० पद

संदर्भ ग्रंथ : (प्रश्न पत्र -12.3)

1. संत नामदेव और हिंदी पद साहित्य - डॉ. रामधर मिश्र
2. हिंदी निर्गुण काव्य का प्रारंभ और संत नामदेव की कविता - डॉ. स. के. आहिर
3. हिंदी और मराठी वैष्णव संत साहित्य का तुलनात्मक अध्ययन - डॉ. न. वि. जोरडेकर
4. हिंदी और मराठी का निर्गुण संत काव्य - डॉ. प्रकाश माधव
5. मराठी का अक्षिप्त साहित्य - डॉ. जी. सी. टिपारडे
6. मराठी संतों का सामाजिक कार्य - डॉ. वि. भा. सोलंके
7. मराठी संतों की हिंदी कविता - संपा. डॉ. जगद प्रकाश टिपारडे
8. मराठी संत काव्याची सामाजिक पृष्ठभूमि - श्री. न. वा. सरदार
9. श्री गुरु गुरु - श्री. ए. सी. तुळपुरे
10. मराठी संतों की हिंदी कविता - डॉ. सु. म. प्रधान
11. तुकाराम के आध्यात्मिक कविताओं का हिंदी काव्य - डॉ. अशोक कागल
12. तुकाराम के प्रमुख आध्यात्मिक संप्रदाय - डॉ. ए. वा. शिवलाल
13. हिन्दी के विभाग से मराठी संतों का संग्रहण - डॉ. जी. एस. धर

Semester - III (तृतीय सत्र)
Course Code : PAHIN 113.2

पत्रक पत्र -13.2

विशेष अध्ययन - जैनेन्द्र
(Special Study - Jainendra)
कुल श्रेयांक (Credit)- 6

पठ्य पुस्तक :

इकाई एक और दो

श्रेयांक -2

1. न्यासपर - (उपन्यास)- जैनेन्द्र कुमार

भारतीय ज्ञानपीठ, नई दिल्ली

इकाई तीन

श्रेयांक -2

2. मुक्तिबीध - (उपन्यास)- जैनेन्द्र

भारतीय ज्ञानपीठ, नई दिल्ली

इकाई चार

श्रेयांक -2

3. जैनेन्द्र की सर्वश्रेष्ठ कहानियाँ -सं. लीलापर मंडलेई

भारतीय ज्ञानपीठ, नई दिल्ली

(समयित कहानियाँ : एक रात, छैन, अपना अपना मास्य,
बकिरा बुद्धिया, बाहुबली, जाह्नवी, पत्नी, पात्रेब, दो सहजियाँ,
इनाम)

संदर्भ ग्रंथ : (पत्रक पत्र -13.1)

1. निबन्धकार : जैनेन्द्र कुमार - डॉ. विष्णु सरवदे
2. हिन्दी उपन्यास : स्थिति और गति - डॉ. चंद्रकांत बादिवडेकर
3. जैनेन्द्र के उपन्यास सभ्य के ललास - डॉ. चंद्रकांत बादिवडेकर
4. हिन्दी कथा साहित्य का पुर्नपाठ - डॉ. कल्याणशंकर उपाध्याय
5. अल्पसंख्यकता और हिन्दी उपन्यास - डॉ. इन्द्रनाथ मदान
6. हिन्दी उपन्यास एक अंतरयात्रा - डॉ. रामदरश मिश्र
7. हिन्दी उपन्यास का इतिहास - डॉ. गोपाल राय
8. भूमंडलीकरण और हिन्दी उपन्यास - डॉ. पुष्पपाल सिंह

Semester - IV (चतुर्थ sem)

Course Code : PAHIN 114.2

प्रश्न पत्र - 18.2

मराठी से हिंदी में अनूदित साहित्य का अध्ययन
(Study of Hindi Literature Translated from Marathi)

कुल श्रेयांक (Credit) - 6

पाठ्य पुस्तकें :

इकाई एक और दो

श्रेयांक - 2

1. वाइरस (उपन्यास) - जयंत विष्णु जालीकर
(पेपर बैक) राजकमल प्रकाशन, नई दिल्ली

इकाई तीन

श्रेयांक - 2

2. यह जनता उमर है (विद्याकच्छीकर की कविताएँ) - अनुवाद चंद्रकान्त बट्टिवाड़ेकर

संवाद प्रकाशन, मेरठ (उ.प्र.)

(अध्यासित कविताएँ : अहं कूनी, परिचय सागर, जाड़े की
गुनगुनी धूप चुकी दिखारें फिर भी, है बहमगन्त, बकी
जबरदस्त, विटोली आलमारि, मेकिज बीच तुम्हारा ही है,
यह जनता उमर है।)

इकाई चार

श्रेयांक - 2

3. चासीराम कोतवाल (नाटक) - विजय सेट्टुनकर, अनुवाद - वल्लभ देव

(पेपर बैक) राजकमल प्रकाशन, नई दिल्ली

University of Mumbai



No. AAMS(UG)/ 54 of 2022-23

CIRCULAR

Attention of the Principals of the Affiliated Colleges and the Head of the University Departments and Directors of the Recognized Institutions in Faculty of Humanities is invited to this office circular No. UG/53 of 2017-18 dated 15th July, 2017 relating to the revised syllabus M.A. in Marathi (Sem III & IV)

They are hereby informed that the recommendations made by the Board of Studies in Marathi at its meeting held on 11th May, 2022 and subsequently passed by the Board of Deans at its meeting held on 17th May, 2022 vide item No. 5.31(R) have been accepted by the Academic Council at its meeting held on 17th May, 2022 vide item No. 5.31(R) and that in accordance therewith, the revised syllabus of M.A. (Marathi) - Sem III and IV (CBCS), has been brought into force with effect from the academic year 2022-23. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032

28th June, 2022

To

The Principals of the Affiliated Colleges, the Head of the University Departments and Directors of the Recognized Institutions in Faculty of Humanities.

A.C.5.31(R)/17/05/2022

No. AAMS(UG)/54 -A of 2022-23

28th June, 2022

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies Marathi,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology,
- 6) The Co-ordinator, MKCL.


(Dr. Vinod Patil)
I/c Registrar

Copy to :-

- 1. The Deputy Registrar, Academic Authorities Meetings and Services (AAMS),**
- 2. The Deputy Registrar, College Affiliations & Development Department (CAD),**
- 3. The Deputy Registrar, (Admissions, Enrolment, Eligibility and Migration Department (AEM),**
- 4. The Deputy Registrar, Research Administration & Promotion Cell (RAPC),**
- 5. The Deputy Registrar, Executive Authorities Section (EA),**
- 6. The Deputy Registrar, PRO, Fort, (Publication Section),**
- 7. The Deputy Registrar, (Special Cell),**
- 8. The Deputy Registrar, Fort/ Vidyanagari Administration Department (FAD) (VAD), Record Section,**
- 9. The Director, Institute of Distance and Open Learning (IDOL Admin), Vidyanagari,**

They are requested to treat this as action taken report on the concerned resolution adopted by the Academic Council referred to in the above circular and that on separate Action Taken Report will be sent in this connection.

- 1. P.A to Hon'ble Vice-Chancellor,**
- 2. P.A Pro-Vice-Chancellor,**
- 3. P.A to Registrar,**
- 4. All Deans of all Faculties,**
- 5. P.A to Finance & Account Officers, (F.& A.O),**
- 6. P.A to Director, Board of Examinations and Evaluation,**
- 7. P.A to Director, Innovation, Incubation and Linkages,**
- 8. P.A to Director, Board of Lifelong Learning and Extension (BLLE),**
- 9. The Director, Dept. of Information and Communication Technology (DICT) (CCF & UCC), Vidyanagari,**
- 10. The Director of Board of Student Development,**
- 11. The Director, Department of Students Welfare (DSD),**
- 12. All Deputy Registrar, Examination House,**
- 13. The Deputy Registrars, Finance & Accounts Section,**
- 14. The Assistant Registrar, Administrative sub-Campus Thane,**
- 15. The Assistant Registrar, School of Engg. & Applied Sciences, Kalyan,**
- 16. The Assistant Registrar, Ratnagiri sub-centre, Ratnagiri,**
- 17. The Assistant Registrar, Constituent Colleges Unit,**
- 18. BUCTU,**
- 19. The Receptionist,**
- 20. The Telephone Operator,**
- 21. The Secretary MUASA**

for information.

AC-17/05/2022

Item No- 5.31 (R)

UNIVERSITY OF MUMBAI



Revised Syllabus for M.A (Marathi)

Semester - III And IV

(Choice Based Credit System)

(With effect from the academic year 2022-23)



Syllabus for Approval

Sr No.	Heading	Particular
1	Title of the Course	M.A (Marathi)
2	Eligibility for Admission	Candidates with at least 50% marks in the senior secondary +2 or its equivalent
3	Passing Marks	40%
4	Ordinances / Regulation (if any) No. of Years/Semester	
5	No. of Years / Semester	Sem-III and IV (CBCS)
6	Level	P.G
7	Pattern	Semester
8	Status	Revised Syllabus
9	To be implemented form Academic Year	From Academic Year 2022-23

Name & Signature Of BOS Chairperson :

Dr. Vandana Mahajan

Name & Signature Of Dean :

Dr. Rajesh Kharat

सत्र ३

अभ्यासपत्रिका क्रमांक ९ : ५ - दलित साहित्य (Dalit Literature)

उद्दिष्टे: मराठी साहित्य संस्कृतिक्षेत्रात १९६० नंतरच्या दशकात दलित साहित्याची एक वाङ्मयीन व सामाजिक सांस्कृतिक स्वरूपाची चळवळ सुरू झाली. या चळवळीतून निर्माण झालेल्या दलित साहित्याने मराठी साहित्यात मोलाची भर घातलेली आहे. अशा महत्त्वाच्या साहित्यप्रवाहाचा अभ्यास विद्यापीठीय स्तरावर होणे आवश्यक ठरते. या दृष्टीने दलित साहित्याची वाङ्मयीन व सामाजिक/सांस्कृतिक पार्श्वभूमी, दलित साहित्याची संकल्पना व स्वरूप, त्यातील विद्रोहाची जाणीव व तिचा साहित्यिक आविष्कार या साहित्यप्रवाहातील विविध साहित्यप्रकार, तसेच या साहित्याचे व साहित्यिक चळवळीचे वाङ्मयीन व सामाजिक कार्य इत्यादी गोष्टींचा सुव्यवस्थित अभ्यास करणे, हे या अभ्यासविषयपत्रिकेचे उद्दिष्ट आहे.

घटक १) व्याख्याने २०, श्रेयांकन - ०२

दलित साहित्याचे स्वरूप व वैशिष्ट्ये

- अ) दलित, दलित जाणीव, दलित साहित्य संकल्पनेविषयीच्या विविध भूमिका.
- ब) दलित साहित्याची प्रेरणा, व्याख्या.

घटक २) व्याख्याने- २०, श्रेयांकन - ०२

दलित साहित्याच्या चळवळीची पार्श्वभूमी

- अ) सामाजिक, राजकीय, सांस्कृतिक, धार्मिक परिस्थिती वास्तव.
- ब) आंबेडकरपूर्व, आंबेडकरी व आंबेडकरोत्तर चळवळी.
- क) दलित साहित्य चळवळीचा सामाजिक, सांस्कृतिक, राजकीय चळवळींशी असलेला अनुबंध.
- ड) दलित साहित्याची पूर्वपरंपरा.

घटक ३) व्याख्याने-२०, श्रेयांकन - ०२

१. कोंडवाडा – दया पवार

२. सनातन – शरणकुमार लिंबाळे

अंतर्गत परीक्षा- एकूण गुण ४००

१. लेखी परीक्षा २० गुण

२. प्रकल्प लेखन २० गुण (पैकी प्रकल्प लेखन : १० गुण व प्रकल्पावर आधारित तोंडी परीक्षा : १० गुण)

सत्रान्त परीक्षा- एकूण गुण ६०

वरील अभ्यासक्रमावर १५-१५ गुणांचे चार प्रश्न पर्यायांसह विचारण्यात येतील.

संदर्भग्रंथ :

१. आंबेडकर, डॉ० बाबासाहेब; अस्पृश्य मूळचे कोण?, (The Untouchables), (अनु०) कांबळे, बी० सी०;
२. आंबेडकर, डॉ० बाबासाहेब; जातिभेद निर्मूलन, (अनु०) गांजरे, मा० फ०; प्रज्ञा प्रकाशन मंडळ, नागपूर, १९७०.
३. आंबेडकर, डॉ० बाबासाहेब, शूद्र मूळचे कोण होते?, (अनु०) खैरमोडे, चां० भ० ठक्कर आणि कं० लि०, मुंबई, १९४६.
४. कऱ्हाडे, सदा, दलित साहित्य चिकित्सा, स्वरूप प्रकाशन, औरंगाबाद, २००१.
५. कुलकर्णी, गो० म० (संपा०); दलित साहित्य : प्रवाह व प्रतिक्रिया, प्रतिमा प्रकाशन, पुणे, १९८६.
६. खरात, शंकरराव; दलित वाङ्मय प्रेरणा आणि प्रवृत्ती, इनामदार बंधू प्रकाशन, पुणे, १९७८.
७. जाधव, रा० ग०, निळी पहाट, प्राज्ञपाठशाळा मंडळ, वाई, १९७८.
८. डांगळे, अर्जुन (संपा०); दलित साहित्य : एक चिंतन, महाराष्ट्र राज्य साहित्य आणि संस्कृती मंडळ, मुंबई, १९७८.
९. निंबाळकर, वामन (संपा०); सामाजिक क्रांतीची दिशा, (प्राचार्य म० भि० चिटणीस समग्र वाङ्मय), प्रबोधन प्रकाशन, नागपूर, २००७.
१०. पाटील, म० सु०; दलित कविता, लोकवाङ्मय गृह, मुंबई, १९८१.
११. पानतावणे, गंगाधर, दलित साहित्य : चर्चा आणि चिंतन, साकेत प्रकाशन, औरंगाबाद, १९९३.
१२. फडके, भालचंद्र; दलित साहित्य : वेदना आणि विद्रोह, श्रीविद्या प्रकाशन, पुणे, १९७७ (प्र० आ०), १९८९ (दु०आ०).
१३. बागूल, बाबूराव; दलित साहित्य : आजचे क्रांतिविज्ञान, बुद्धिस्ट पब्लि० हाऊस, नागपूर, १९८१.
१४. भगत, दत्ता, निळी वाटचाल, प्रतिमा प्रकाशन, पुणे, २००१.
१५. मनोहर, यशवंत, दलित साहित्य : सिद्धांत आणि स्वरूप, प्रबोधन प्रकाशन, नागपूर, १९७८.
१६. माटे, श्री० म०; अस्पृष्टांचा प्रश्न, दाते, श्री० र०, पुणे, १९३३.
१७. मेश्राम, केशव (संपा०); विद्रोही कविता, कॉन्टिनेन्टल प्रकाशन, पुणे, १९७८ (प्र० आ०), १९९४ (तृ० आ०).
१८. मेश्राम, केशव व इतर (संपा०); दलित साहित्याची स्थितिगती, मराठी विभाग, मुंबई विद्यापीठ आणि अनुभव पब्लिकेशन्स, मुंबई, १९९७,
१९. मेश्राम, योगेन्द्र; दलित साहित्य - उद्गम आणि विकास, मंगेश प्रकाशन, नागपूर, १९९८.
२०. रेगे, शां० शं०; भीमपर्व, सुगावा प्रकाशन, पुणे, १९९१.
२१. लिंबाळे, शरणकुमार (संपा०); शतकातील दलितविचार, दिलीपराज प्रकाशन,
२२. लिंबाळे, शरणकुमार (संपा०); प्रज्ञासूर्य, प्रचार प्रकाशन, कोल्हापूर, १९९९.
२३. वानखेडे, म० ना०; दलितांचे विद्रोही वाङ्मय, प्रबोधन प्रकाशन, नागपूर, १९८१.
२४. डोळस, अविनाश आंबेडकरी विचार आणि साहित्य, साकेत प्रकाशन, पुणे, २००१.
२५. नीळकंठ, शैरे; डॉ० बाबासाहेब आंबेडकर आणि दलित वैचारिक वाङ्मय, सुविद्या प्रकाशन, पुणे, २००५.
२६. गरुड, श्यामल; दलित स्त्रीआत्मकथने, यशश्री प्रकाशन, पुणे २०१०.
२७. Ambedkar, Babasaheb; Annihilation of Caste, New Book Company, Bombay, 1936.

सत्र : ३

अभ्यासपत्रिका क्रमांक १० : ३- ग्रामीण मराठी साहित्य (Gramin Marathi Sahitya)

उद्दिष्ट: ग्रामीण साहित्य हा आधुनिक मराठी साहित्यातील एक महत्त्वाचा प्रवाह आहे. या प्रवाहाला ग्रामीण चळवळीची पार्श्वभूमी आहे. बदलत्या भारतीय समाजजीवनाला सातत्याने समकक्ष राहणाऱ्या मराठी ग्रामीण साहित्याचा अभ्यास करताना आपल्याला विविध टप्पे दिसतात. या टप्प्यांचा अभ्यास करणे हा या अभ्यासपत्रिकेचा हेतू आहे.

घटक १) व्याख्याने-२०, श्रेयांकन - ०२

१. ग्रामीण साहित्याची संकल्पना, स्वरूप आणि विशेष
२. ग्रामीण साहित्य चळवळ आणि निर्मीतीच्या प्रेरणा

घटक २) व्याख्याने- २०, श्रेयांकन- ०२

१. स्वातंत्र्यपूर्व काळातील ग्रामीण साहित्याचे स्वरूप.
२. स्वातंत्र्योत्तर काळातील ग्रामीण साहित्याचे बदलते स्वरूप.

घटक ३) व्याख्याने २०, श्रेयांकन - ०२

१. खुरपं – सुचिता घोरपडे
२. विजेने चोरलेले दिवस – संतोष जगताप

अंतर्गत परीक्षा- एकूण गुण ४०

१. लेखी परीक्षा २० गुण

२. प्रकल्प लेखन २० गुण (पैकी प्रकल्प लेखन १० गुण व प्रकल्पावर आधारित तोडी परीक्षा : १० गुण)

सत्रान्त परीक्षा- एकूण गुण ६०

वरील अभ्यासक्रमावर १५-१५ गुणांचे चार प्रश्न पर्यायांसह विचारण्यात येतील.

संदर्भग्रंथ :

१. यादव, आनंद; ग्रामीण साहित्य स्वरूप आणि वास्तवता.
२. यादव, आनंद; मराठी साहित्य समाज आणि संस्कृती.
३. भोळे, भा० ल० महात्मा फुले विचार आणि वारसा.
४. भोसले, द० ता० ग्रामीण साहित्य एक चिंतन.
५. वाघमारे, जनार्दन साहित्यचिंतन.
६. कोत्तापले, नागनाथ, ग्रामीण साहित्य स्वरूप आणि शोध.
७. मुलाटे, वासुदेव; ग्रामीण कथा स्वरूप आणि विकास.
८. पवार, गो० मा० व हातकणंगलेकर, म० द०; मराठी साहित्य प्रेरणा व स्वरूप.

सत्र : ३

अभ्यासपत्रिका क्रमांक ११ : १ - साहित्यप्रकाराचा अभ्यास : नाटक

(Study of Form of Literature : Drama)

विशिष्ट साहित्यप्रकार नाटक

उद्दिष्ट: कोणत्याही साहित्यप्रकाराला एक तात्त्विक अंग असते, तसेच त्याला एक ऐतिहासिक अंग असते. या दोन अंगांच्या देवघेवीमधून प्रत्येक साहित्यप्रकाराची जडणघडण होत असते. या दृष्टीने साहित्यप्रकाराच्या अभ्यासासाठी काही मार्गदर्शक तत्त्वे सांगता येतील.

(क) साहित्यप्रकाराची संकल्पना सैद्धान्तिक विचार, संकेतव्यूह.

(ख) या सैद्धान्तिक विचाराच्या प्रकाशात नेमलेल्या साहित्यकृतींचा अभ्यास करणे.

घटक १ व्याख्याने २०, श्रेयांकन-०२

अ) 'नाटक' या साहित्यप्रकाराची संकल्पना: सैद्धान्तिक विचार

साहित्य आणि साहित्यप्रकार.

साहित्यप्रकाराची संकल्पना, साहित्यकृतींची वर्गवारी करणारी वर्गीकरण-तत्त्वे, काव्य, कथात्म साहित्य व नाटक आदी प्रमुख साहित्यप्रकार इत्यादी गोष्टींचा परिचय करून देणे.

ब) नाटक हा एक दृश्य, श्राव्य स्वरूपाचा संमिश्र व प्रयोगनिष्ठ कलाप्रकार आहे, या गोष्टीचे भान ठेवून नाटकाची व्याख्या करणे, नाटकाचे व्यवच्छेदक लक्षण, त्याची उपलक्षणे, नाटकाचा संकेतव्यूह यासंबंधी विवेचन करणे या संदर्भात भरताची नाटकाची अभिनयाधिष्ठित व्याख्या, ऑरिस्टॉटलची नाट्यसंकल्पना आदीचा वापर करणे.

घटक २ व्याख्याने २०, श्रेयांकन - ०२

अ) नाटकाचे घटक नाट्यबीज, नाट्यप्रसंग, कथानक, पात्र, संवाद, भाषा यांचे स्वरूप व कार्य यांचे विवेचन या सर्व नाट्यांगांतून संघटित होणाऱ्या नाटकांचे एकात्म रूप लक्षात घेणे.

ब) नाटकाचे प्रकार नाटक, एकांकिका, संगीत, गद्य नाटक, शोकात्मिका, सुखात्मिका इत्यादी.

घटक ३ व्याख्याने २०, श्रेयांकन - ०२

नेमलेल्या नाटकांचा अभ्यास

१. कुलवधू - मो. ग. रांगणेकर

२. उध्वस्त धर्मशाळा - गो. पु. देशपांडे

अंतर्गत परीक्षा- एकूण गुण ४०

१. लेखी परीक्षा २० गुण

२. प्रकल्प लेखन २० गुण (पैकी प्रकल्प लेखन: १० गुण व प्रकल्पावर आधारित तोंडी परीक्षा : १० गुण)

सत्रान्त परीक्षा- एकूण गुण ६०

वरील अभ्यासक्रमावर १५-१५ गुणांचे चार प्रश्न पर्यायांसह विचारण्यात येतील.

संदर्भग्रंथ

१. कंगले, र० पं०; रस-भाव-विचार, महाराष्ट्र राज्य साहित्य आणि संस्कृती मंडळ, मुंबई, १९७३.
 २. करंदीकर, गो० वि०, ऑस्टॉटलचे काव्यशास्त्र, मौज प्रकाशन, मुंबई, १९५७.
 ३. कानेटकर, वसंत, नाटक एक चिंतन, नीळकंठ प्रकाशन, पुणे, १९७४.
 ४. काळे, के० नारायण; नाट्यविमर्श, पॉप्युलर बुक डेपो, मुंबई, १९६१.
 ५. काळे, के० नारायण व इतर (संपा०); मराठी रंगभूमी मराठी नाटक घटना आणि परंपरा, मुंबई मराठी साहित्यसंघ, मुंबई, १९७१.
 ६. केतकर, गोदावरी; भरतमुनीचे नाट्यशास्त्र, पॉप्युलर बुक डेपो, मुंबई, १९६३.
 ७. जोग, रा० श्री०; अभिनव काव्यप्रकाश, व्हीनस प्रकाशन, पुणे, १९९७ (द०आ०).
 ८. देशपांडे, ग० त्र्यं०; भारतीय साहित्यशास्त्र, पॉप्युलर प्रकाशन, मुंबई, १९८० (तृ० आ०).
 ९. नाईक, राजीव; नाटकातील चिन्ह, संदर्भ प्रकाशन, ठाणे, १९९४.
 १०. नाईक, राजीव व इतर (संपा०); रङ्गनायक, आविष्कार प्रकाशन, मुंबई, १९८८.
 ११. पाटणकर, रा० भा०; कांटची सौंदर्यमीमांसा, मौज प्रकाशन, मुंबई, १९७७.
 १२. पाटील, गंगाधर; समीक्षेची नवी रूपे, मॅजेस्टिक बुक स्टॉल, मुंबई, १९८१.
 १३. ब्रह्मे, मो० द० (संपा०); मराठी नाट्यतंत्र : नाटक-स्वरूप आणि तंत्रविचार सुविचार प्रकाशन मंडळ, पुणे, १९६४.
 १४. राजापुणे-तापस, पुष्पलता; खानोलकरांची नाट्यसृष्टी, मराठी विभाग मुंबई विद्यापीठ आणि प्रतिमा प्रकाशन, पुणे, २००३.
 १५. वाळिंबे, रा० शं० (संपा०); मराठी नाट्यसमीक्षा, पुणे विद्यापीठ, पुणे, १९६८.
 १६. Bentley, Eric; Life of the Drama, Methuen, New York, 1964.
 १७. Esslin, Martin; An Anatomy of Drama, George & Harrap & co., London, 1962.
 १८. Esslin, Martin; Field of Drama, Methuen, London, 1988.
 १९. Fergusson, Francis; The Idea of a Theatre,
 २०. Langer, Susanne; Feeling and Form, Routledge & Kegan Paul, London, 1953.
 २१. Nicoll, Allardyce; Theatre and the Dramatic Theory, २२. Potts, L. J.; Comedy, Hutchinson Univ. Lib., London, 1963.
 २३. Styan, J. L.; The Elements of Drama, Drama, Stage & Audience, Cambridge University Press, London, 1975.
- नियतकालिकांतील संदर्भ :
१. केळकर, अशोक; 'नाटक एक होणे', अनुष्टुभ, मे-जून १९८७.
 २. दावतर, वसंत; 'नाटक म्हणजे काय?', अनुष्टुभ, मे-जून १९८७.

सत्र : ३

अभ्यासपत्रिका क्रमांक १२ : ३ - बालसाहित्य (Balsahitya)

उद्दिष्टे : 'बालसाहित्य' हे ललित साहित्याच्या कक्षेत येते. मात्र प्रौढ साहित्यापेक्षा त्याचे स्वरूप कसे वेगळे ठरते, बालसाहित्यातील अनुभवविश्व आणि भाषा यांच्या संदर्भात त्यांची स्वरूपवैशिष्ट्ये कोणती यांचा अभ्यास करणे प्रस्तुत अभ्यासपत्रिकेत अपेक्षित आहे.

घटक १) व्याख्याने २०, श्रेयांकन- ०२

- अ) बालसाहित्याचे स्वरूप, वैशिष्ट्ये, प्रेरणा
आ) मराठी बालसाहित्याचा इतिहास.

घटक २) व्याख्याने २०, श्रेयांकन - ०२

- अ) बालमानसशास्त्र व बालसाहित्य
आ) बालसाहित्याचे प्रकार बालकविता, कथा, कादंबरी, एकांकिका, नाटक

घटक ३) व्याख्याने- २०, श्रेयांकन - ०२

- अ) जंगलातील दूरचा प्रवास – भारत सासणे (कादंबरी)
आ) मनात आहे पुष्कळ पुष्कळ – उत्तम कोळगावकर (कवितासंग्रह)

अंतर्गत परीक्षा- एकूण गुण ४०

१. लेखी परीक्षा २० गुण

२. प्रकल्प लेखन २० गुण (पैकी प्रकल्प लेखन : १० गुण व प्रकल्पावर आधारित तोंडी परीक्षा : १० गुण) -

सत्रान्त परीक्षा- एकूण गुण ६०

वरील अभ्यासक्रमावर १५-१५ गुणांचे चार प्रश्न पर्यायांसह विचारण्यात येतील.

संदर्भग्रंथ :

१. दांडेकर, मालतीबाई, बालसाहित्याची रूपरेखा.
२. भागवत, लीलावती; मराठी बालसाहित्य प्रवाह आणि स्वरूप.
३. शहा, सुलभा; मराठी बालवाङ्मय स्वरूप आणि अपेक्षा.
४. कुसुमाग्रज; 'स्वागत' (प्रस्तावना) गवतफुला-इंदिरा संत.
५. वसेकर, विश्वास; बालसाहित्याचे अंतरंग.
६. जाधव, रा० ग० (संपा०); मराठी वाङ्मयाचा इतिहास, खंड ७, भाग २.
७. दीक्षित, लीला; मराठी बालसाहित्य : विचार आणि दर्शन.
८. बोरसे-सुर्वे, विद्या, बालसाहित्य - आकलन आणि समीक्षा.
९. बोरसे – सुर्वे, विद्या, कोरा कागद निळी शाई

सत्र : ३

अभ्यासपत्रिका क्रमांक १३ : १- महानगरीय साहित्य (Mahanagariya Sahitya)

उद्दिष्ट : दोन महायुद्धांच्या दरम्यानच्या काळात भारतीय समाजजीवनात आमूलाग्र परिवर्तन होत गेले व खेड्यापाड्यांतील समाज शहराकडे औद्योगिकीकरणामुळे स्थलांतरित होत गेला. त्यातून शहरीकरणाची प्रक्रिया सुरु झाली. विविध कारणांमुळे शहरांची महानगरी होत गेली. या शहरीकरणाच्या व महानगरीकरणाच्या प्रक्रियेमुळे मानवी जीवनातील गुंतागुंत अधिकच वाढत गेली. यातून महानगरावर आधारित वैशिष्ट्यपूर्ण साहित्य निर्माण होत गेले. त्याचा अभ्यास या अभ्यासपत्रिकेत करावयाचा आहे.

घटक १) व्याख्याने-२०, श्रेयांकन - ०२

अ) शहरीकरण, महानगरीकरण प्रक्रिया (समाजशास्त्रीय परिप्रेक्ष्यातून) महानगरी संस्कृती.

ब) महानगरी जीवन, त्यात कालपरत्वे घडत गेलेले बदल, व्यामिश्रता, महानगरी जाणिवा, संवेदना, परात्मता, भयग्रस्तता, मूल्यभ्रष्टता, व्यक्तिर्केन्द्रितता इत्यादी.

घटक २) व्याख्याने- २०, श्रेयांकन - ०२

अ) महानगरी मराठी साहित्य : संकल्पना, स्वरूप व तत्त्वे

आ) महानगरीय मराठी साहित्याची परंपरा

घटक ३) व्याख्याने-२०, श्रेयांकन - ०२

१) वासूनाका- भाऊ पाध्ये (कादंबरी)

२) दस्तखत- प्रकाश जाधव (कवितासंग्रह)

अंतर्गत परीक्षा-एकूण गुण ४०

१. लेखी परीक्षा २० गुण

२. प्रकल्प लेखन २० गुण (पैकी प्रकल्प लेखन: १० गुण व प्रकल्पावर आधारित तोंडी परीक्षा : १० गुण)

सत्रान्त परीक्षा- एकूण गुण ६०

वरील अभ्यासक्रमावर १५-१५ गुणांचे चार प्रश्न पर्यायांसह विचारण्यात येतील.

संदर्भग्रंथ :

१. पोवार, छाया; मराठी नागर कथा.

२. खोले, विलास (संपा०); गेल्या अर्धशतकातील मराठी कादंबरी.

३. आडारकर, नीरा व मेनन, मीना, कथा मुंबईच्या गिरणगावाची.

४. अन्सल, कुसुम, आधुनिक हिंदी उपन्यासांमै महानगर.

५. नारंग, सुदर्शन (संपा०); महानगरकी कहानियाँ.

सत्र : ४

अभ्यासपत्रिका क्रमांक १४ :२ - स्त्रीवादी चळवळ आणि सिद्धान्तन

उद्दिष्ट : प्रस्तुत अभ्यासपत्रिकेत स्त्रीवादी चळवळीचा इतिहास आणि त्यासंदर्भात झालेल्या सिद्धान्तनाची सूत्रे लक्षात यावीत, भारतीय स्त्रीवादी चळवळीचा इतिहास आणि वेगवेगळ्या प्रवाहांचा उगम व विकास लक्षात यावालिंगभेद आणि समाज, साहित्य, संस्कृती यांच्यातील संघर्षरूपे आणि त्यासंदर्भातील विविध दृष्टिकोणांचा परिचयव्हावा, हे अभिप्रेत आहे.

घटक १) व्याख्याने २०, श्रेयांकन - ०२

अ) स्त्रीवाद संकल्पना व स्वरूप

ब) पाश्चात्य स्त्रीवाद चळवळ आणि सिद्धान्तन

क) पाश्चात्य स्त्रीवादी प्रवाह उदारमतवादी स्त्रीवाद, जहाल स्त्रीवाद, मार्क्सवादी स्त्रीवाद, काळा स्त्रीवाद

घटक २) व्याख्याने २०, श्रेयांकन - ०२

अ) भारतीय स्त्रीवाद संकल्पना व स्वरूप

ब) भारतीय स्त्रीवादी प्रवाह - (महाराष्ट्राच्या विशेष संदर्भात) उदारमतवादी स्त्रीवाद, जहाल स्त्रीवाद, दलित स्त्रीवाद पर्यावरणवादी स्त्रीवाद

घटक ३) व्याख्याने-१०, श्रेयांकन - ०१

अ) महाराष्ट्रातील स्त्रीवादी चळवळ आणि स्त्रीवादी संघटनांचे कार्य.

ब) स्त्रीवादी मराठी नियतकालिके व त्यांचे कार्य. 'मिळून साऱ्याजणी', 'बायजा'.

घटक ४) व्याख्याने-१०, श्रेयांकन-०१

पुढील साहित्यकृतीचा अभ्यास

क) भारतीय स्त्रीजीवन – गीता साने

ड) अब्राम्हणी स्त्रीवादाच्या दिशेने – संपा. प्रतिभा परदेशी, विद्युत भागवत

अंतर्गत परीक्षा-एकूण गुण ४०

१. लेखी परीक्षा २० गुण

२. प्रकल्प लेखन २० गुण (पैकी प्रकल्प लेखन १० गुण व प्रकल्पावर आधारित तोंडी परीक्षा १० गुण)

सत्रान्त परीक्षा- एकूण गुण ६०

वरील अभ्यासक्रमावर १५-१५ गुणांचे चार प्रश्न पर्यायांसह विचारण्यात येतील.

संदर्भग्रंथ :

सत्र : ४

अभ्यासपत्रिका क्रमांक १५ : १- प्रसारमाध्यमे आणि भाषाव्यवहार

(Mass media and Usage of Marathi Language)

उद्दिष्ट: भाषाव्यवहार हा साहित्याव्यतिरिक्त अन्य क्षेत्रांमध्येही महत्त्वाचा असतो. आधुनिक युगात प्रसारमाध्यमांचे स्वरूप व प्रकार बदलले आहेत. प्रसारमाध्यमांनुसार भाषेच्या उपयोजनाची विविध कौशल्ये विद्यार्थ्यांना ज्ञात व्हावी तसेच ती त्यांनी आत्मसात करून त्याआधारे प्रत्यक्ष उपयोजन करावे हा या अभ्यासपत्रिकेचा हेतू आहे.

घटक १) व्याख्याने- २०, श्रेयांकन - ०२

अ) प्रसारमाध्यमे म्हणजे काय पारंपरिक प्रसारमाध्यमे आणि आधुनिक प्रसारमाध्यमे

ब) प्रसारमाध्यमांचा समाजावर होणारा परिणाम, प्रसारमाध्यमांचा विकास.

घटक २) व्याख्याने-२०, श्रेयांकन - ०२

अ) प्रसारमाध्यमांचे प्रकार मुद्रितप्रसारमाध्यमे (वृत्तपत्रे आणि नियतकालिके).

ब) दृक् आणि श्राव्य प्रसारमाध्यमे नभोवाणी, दूरचित्रवाणी, इंटरनेट.. -

घटक ३) व्याख्याने-२०, श्रेयांकन - ०२

अ) श्राव्य माध्यमाचे स्वरूप व महत्त्व, कार्यक्रमांचे विविध प्रकार, उद्दिष्ट्ये, कार्यक्रमाची पूर्वतयारी आणि सादरीकरण.

ब) दूरचित्रवाणी माध्यमाचे स्वरूप विस्तार कार्यक्रमांचे प्रकार. लेखन, संशोधन आणि प्रसारण इत्यादी.

अंतर्गत परीक्षा : एकूण ४० गुण.

विद्यार्थ्यांनी पुढीलपैकी कोणतेही दोन घटक निवडून त्यावर दोन प्रकल्प सादर करावेत.

१) मुलाखत, २) ग्रंथपरीक्षण, ३) चित्रपटपरीक्षण, ४) नाट्यपरीक्षण, ५) विकिपीडियावर एखाद्या विषयाची निवड करून लेख लिहिणे व त्यावर तो नोंदविणे, ६) दूरचित्रवाणीसाठी बातमीलेखन, ७) आकाशवाणीसाठी बातमीलेखन, ८) एखाद्या विशिष्ट विषयावरील ज्ञानकोश, विश्वकोश, एन्साक्लोपीडिया ब्रिटानिका व तत्सम कोशांमधील नोंदींचा अभ्यास करून त्याआधारे स्वतंत्र संशोधन करून नवीन नोंद तयार करणे, ९) वरील विषयांव्यतिरिक्त अभ्यासक्रमातील घटक न निवडता विषयशिक्षकाने विद्यार्थ्यांकडून दोन प्रकल्प तयार करून घेणे.

सत्रान्त परीक्षा-एकूण गुण ६०

वरील अभ्यासक्रमावर १५-१५ गुणांचे चार प्रश्न पर्यायांसह विचारण्यात येतील.

संदर्भग्रंथ :

१. देव, सदाशिव, कोशवाङ्मय विचार आणि व्यवहार, सुवर्ण प्रकाशन, २००२.

२. मराठी अभ्यास परिषद पत्रिका, 'भाषा आणि जीवन', त्रैमासिक.

३. नसिराबादकर, ल० रा०, व्यावहारिक मराठी.

४. गर्गे, स० मा०, पत्र आणि पत्रकारिता, मानसन्मान प्रकाशन, १९९९.

सत्र ४

अभ्यासपत्रिका १६

स्वरूप - या अभ्यासपत्रिकेत विद्यार्थ्यांकडून १०० गुणांसाठी शोध प्रबंधिका तयार अभ्यासपत्रिकेचे करून घेणे अपेक्षित आहे. यासाठी संशोधनाचे स्वरूप, संशोधनाच्या पद्धती तसेच विषयानुसार प्रबंधाची मांडणी करताना विद्यार्थ्यांनी वापरायच्या संशोधन पद्धती, संदर्भ साधनांचा वापर या विषयी व्याख्याने घेणे आवश्यक आहे.

उद्दीष्ट - या अभ्यास पत्रिकेत विद्यार्थ्यांमध्ये संशोधनाविषयी आवड निर्माण करणे. संशोधनाचे स्वरूप, संशोधनाच्या पद्धती, संदर्भांचा योग्य वापर आणि संशोधन विषयासंदर्भात परिचय करून देणे. तसेच प्रबंध लेखनाच्या पद्धती अवगत करणे. विशिष्ट विषयावर संशोधन करताना संशोधन नियमांचे तसेच शिस्तीचे पालन करून प्रबंध लेखन करणे.

श्रेयांकन - १०

प्रत्येक श्रेयांकनात १० व्याख्याने

प्रकल्प विषय

१. साहित्यविचार आणि साहित्य सिद्धांतनाविषयी संशोधन
२. समीक्षाविचार संशोधन
३. विशिष्ट कलाकृतीचा अभ्यास
४. विशिष्ट लेखकाचा अभ्यास
५. लोकसाहित्याचा अभ्यास
६. बोलीचा अभ्यास
७. कालखंडाचा अभ्यास
८. साहित्यप्रवाहांचा अभ्यास
९. मराठी भाषेचा भाषावैज्ञानिक अभ्यास
१०. मराठी भाषेचा व्याकरणिक अभ्यास
११. प्राचीन हस्तलिखिते, शिलालेख, ताम्रपट आणि ऐतिहासिक साधनांच्या आधारे भाषा व साहित्याचा अभ्यास
१२. वाङ्मयीनवाद, विविध विचार प्रवाह आणि मराठी साहित्य
१३. तौलनिक साहित्य अभ्यास
१४. अनुवादित साहित्याचा अभ्यास
१५. आधुनिक तंत्रज्ञान आणि भाषा व साहित्याचा अभ्यास
१६. माध्यमांतराचा अभ्यास

AC – 07/07/2023
Item No. – 5.11 (N)

As Per NEP 2020

University of Mumbai



Title of the program

A - P.G.Diploma in Marathi	}	2023-24
B - M.A. (Marathi) (Two Year)		
C – M.A. (Marathi) (One Year) -		2027-28

Syllabus for

Semester – Sem I and II

Ref : GR dated 16th May, 2023 for Credit Structure of PG

Preamble

Introduction:

दृष्टी

- १) भाषा आणि साहित्याच्या अभ्यास मानवी संस्कृतीच्या सर्वांगीण विकासासाठी महत्वाचा आहे, ही जाणीव निर्माण करणे.
- २) भाषा, साहित्य, संस्कृती आणि समाज यांच्या परस्पर अनुबंधातून समाजाची वैचारिक दिशा प्रगल्भ करण्याचा विश्वास निर्माण करणे.
- ३) मराठी भाषा आणि साहित्य यांच्या अभ्यासाचा इतर भाषा आणि विविध ज्ञानशाखांशी असलेला संबंध उलगडून दाखविणे.

Aims and Objectives:

ध्येय

- १) साहित्याच्या अभ्यासातून समाज व संस्कृती विषयक जाणीव निर्माण करणे.
- २) सामाजिक समता आणि सांस्कृतिक विकासाच्या दिशा दृढमूल करणे.
- ३) मराठी भाषा ही ज्ञानभाषा व्हावी म्हणून जाणीव जागृती आणि कृतिशीलता निर्माण करणे.
- ४) मराठी भाषा आणि साहित्य अभ्यासणा-या विद्यार्थ्यांची भाषिक कौशल्यक्षमता विकसित करणे.
- ५) विद्यार्थ्यांमध्ये संशोधनवृत्ती विकसित करणे.
- ६) आंतरविद्याशाखीय अभ्यासाचे महत्त्व निर्माण करणे.
- ७) साहित्याच्या आणि भाषेच्या अभ्यासातून तांत्रिक कौशल्य अवगत करण्याची क्षमता निर्माण करणे.
- ८) भारतीय भाषा आणि संस्कृती यांच्या सांस्कृतिक आणि तौलनिक अभ्यासाला गती देणे.
- ९) ज्ञानग्रहण करण्याची क्षमता विकसित करून भाषेचा जीवन उपयोगी दृष्टीकोन निर्माण करणे.

उद्दिष्टे

- १) नव्या ज्ञानशाखांचा विद्यार्थ्यांना परिचय करून देणे.
- २) प्रमाण मराठी भाषा, मराठीच्या बोली भाषा यांच्यातील संशोधन क्षेत्रे विकसित करणे.
- ३) मराठीचा भाषा व्यवहार आणि संस्कृती व्यवहार अभ्यासणे.
- ४) साहित्य, समीक्षा आणि संशोधनाच्या नव्या दिशा विकसित करणे.
उपयोजित मराठीच्या अनुषंगाने भाषेचे क्षेत्र विकसित करणे.

Learning Outcomes:

- १ : विद्यार्थी प्राचीन भारतीय साहित्य, पाश्चात्य साहित्य आणि मराठी साहित्यातील साहित्य सिद्धांत आणि समीक्षा सिद्धांत तसेच मराठी भाषा आणि अध्यापनशास्त्र यामध्ये कौशल्य प्रदर्शित करतील.
- २ : विद्यार्थी मराठी साहित्य आणि भाषा अभ्यासातील साहित्य संप्रदाय आणि साहित्य प्रवाह यांचे अध्ययन करून ज्ञानव्यवहारात आपले प्रभुत्व दाखवतील.
- ३ : विद्यार्थी मराठीच्या प्रमाणभाषेबरोबर विविध प्रादेशिक बोलींचा अभ्यास करून त्याचे ज्ञान साहित्य आणि भाषा संशोधनात प्रदर्शित करतील.
- ४ : विद्यार्थी मराठी साहित्य आणि भाषेचा मूल्यात्मक अभ्यास करून विश्लेषणात्मक कौशल्ये निर्माण करतील.
- ५ : उपयोजित मराठीच्या अध्ययनामुळे विद्यार्थ्यांना भाषिक कौशल्य प्राप्त होतील आणि भाषेच्या माध्यमातून ते साहित्य निर्मिती करतील.
- ६ : विद्यार्थी भाषिक कौशल्ये अंगीकृत करून प्रसार माध्यमे, अनुवाद क्षेत्रे, दृक्श्राव्य माध्यमे, चित्रपट इत्यादी क्षेत्रात भाषेचे उपयोजन करतील.
- ७ : विद्यार्थी मराठी भाषा आणि तंत्रज्ञान वापरून कल्पना संप्रेषण करतील.

R _____

परिशिष्ट -१

Post Graduate Programs in University

Year (2 Yr PG)	Level	Sem (2 YrS)	Major		RM	OJT/ FP	RP	Cum. Cr.	Degree
			Mandatory*	Electives Any one					
1	6.0	Sem 1	साहित्यशास्त्र १ (४) समीक्षासिद्धांत १ (४) ऐतिहासिक भाषाविज्ञान (४) कालखंडाचा अभ्यास (प्रारंभ ते १६००) (२)	दलित साहित्य (४) किंवा साहित्य प्रकाराचा अभ्यास : कविता (४) किंवा वाड.मय इतिहास लेखन किंवा महानगरी साहित्य (४)	4			22	PG Diploma (after 3 Year Degree)
		Sem 2	साहित्यशास्त्र २ (४) समीक्षासिद्धांत २ (४) वर्णनात्मक भाषाविज्ञान (४) कालखंडाचा अभ्यास (१६०० ते १८१८) (२)	ग्रामीण साहित्य (४) किंवा साहित्यप्रकाराचा अभ्यास कथा (४) किंवा लोकसाहित्य (४) किंवा स्त्रीवाद आणि मराठी साहित्य (४)		4		22	
Cum. Cr. For PG Diploma			28	8	4	4	-	44	

Exit option :PG Diploma (44 Credits) after Three Year UG Degree									
II	6.5	Sem 3	आधुनिक मराठी वाङ्मयाचा इतिहास १ (१८१८ ते १९२०) (४) समाज भाषाविज्ञान (४) मराठी साहित्याचा सांस्कृतिक अभ्यास (४) वाङ्मयीन वाद १ – (२)	साहित्य प्रकाराचा अभ्यास - कादंबरी (४) किंवा आदिवासी साहित्य (४) किंवा साहित्यकृतीचे माध्यमांतर (४) किंवा अल्पसंख्यांकांचे साहित्य (४)			4	22	PG Degree After 3- Yr UG
		Sem 4	आधुनिक मराठी वाङ्मयाचा इतिहास २ (१९२० ते १९६०) (४) बोलीभाषांचा भाषा वैज्ञानिक अभ्यास (४) भारतीय साहित्याचा अभ्यास (४) वाङ्मयीन वाद- २ (२)	साहित्य प्रकाराचा अभ्यास - नाटक (४) किंवा स्त्रीवाद चळवळ आणि सिद्धांतन (४) किंवा फुले आंबेडकरी साहित्य (४) किंवा विज्ञान साहित्य (४)			6	22	
Cum. Cr. For Pg Diploma			28	8	-	-	10	44	
Cum. Cr. For Pg Diploma			54	16	4	4	10	88	

Note: *The number of courses can vary for totaling 14 credits for Major Mandatory Courses in a semester as illustrated.

Sign of HOD

Name of the Head of the Department

Dr. Vandana Mahajan

Name of the Department: **Marathi**

Sign of Dean:

Name of the Dean:

Dr. Anil Singh

Name of the Faculty: **Humanities**

Format of Syllabus

Programme Name : M.A.Marathi

Course Name : साहित्यशास्त्र (भाग – १)

Theory of Literature (part –1)

Course code 50111

Total Credits : 04

Total Marks : 100

University assessment : 50

college assessment : 50

Course Objective

- १) साहित्य या संकल्पनेचे स्वरूप आणि वैशिष्ट्य यांचे आकलन करणे
- २) साहित्याच्या प्रयोजनांचा अभ्यास करणे
- ३) साहित्य निर्मितीचे पाश्चात्य आणि भारतीय विचार समजून घेणे आणि साहित्य निर्मितीप्रक्रिया विकसित करणे.
- ४) साहित्य आस्वादाची प्रक्रिया अभ्यासणे.

Course outcome

- १) साहित्य सिद्धांतांच्या आकलनाने ज्ञान व्यवहाराचा कालानुक्रम ज्ञात होईल.
- २) साहित्य प्रयोजनांचा हेतू समजल्यामुळे साहित्याकृतीविषयी भान प्राप्त होईल.
- ३) साहित्य निर्मिती प्रक्रिया समजून घेता येईल आणि निर्मितीक्षम होता येईल.
- ४) साहित्याची आस्वाद आणि अभिरुची क्षमता प्राप्त होईल.

MODULE 1 : (श्रेयांकने २, व्याख्याने ३०)

घटक १

- अ) साहित्य संकल्पना, स्वरूप, अंगे
- आ) साहित्यविषयक पाश्चात्य, संस्कृत व मराठी परंपरामधील व्याख्या.
- इ) साहित्यकृतीतील अनुभवाची वैशिष्ट्ये अनुभवाधिष्ठिता आणि कल्पनाधिष्ठितता.

घटक २ :

- अ) साहित्यप्रयोजन संकल्पना आणि स्वरूप, प्रयोजनविषयक पाश्चात्य, संस्कृत आणि मराठी विचार परंपरा
- आ) साहित्यप्रयोजन लौकिकतावादी भूमिका सत्य, ज्ञान, नीती, बांधिलकी आणि जीवनासाठी कला.
- इ) साहित्यप्रयोजन स्वायत्ततावादी भूमिका सौंदर्यनिर्मिती कलेसाठी कला आणि आविष्कारवादी सिद्धांत

MODULE 2 : (श्रेयांकने २, व्याख्याने ३०)

घटक ३ :

- अ) साहित्य निर्मितीप्रक्रिया पाश्चात्य परंपरेतील प्रतिभाशक्तीचा/ कल्पनाशक्तीचा विचार- प्लेटो, कांट, कोलरिज, फ्रॉइड, लेनिन.
आ) साहित्य निर्मितीप्रक्रिया भारतीय परंपरेतील प्रतिभाशक्तीचा/ कल्पनाशक्तीचा विचार- संस्कृत आणि प्राकृत परंपरा भरत, अभिनवगुप्त, भट्टलोलट, अश्वघोष, दिग्नाग, धर्मकिर्ती.
इ) मराठी साहित्य परंपरेतील बा. सी. मर्ढेकर, प्रभाकर पाध्ये, कॉ. शरद पाटील, यशवंत मनोहर यांचा साहित्य निर्मितीप्रक्रियेविषयक दृष्टीकोन

घटक ४ :

- अ) साहित्याची आस्वादप्रक्रिया - वाचनप्रक्रिया, कालाधिष्ठित, संश्लेषण- विश्लेषण प्रक्रिया.
आ) साहित्याची अभिरुची संकल्पना, साहित्यिक ज्ञानक्षमता (जोनाथन कलर)
इ) साहित्याच्या वर्गीकरणविषयक सिद्धांत

परीक्षा पद्धती :

- अ) अंतर्गत परीक्षा- एकूण गुण ५०
१) २०-२० गुणांसाठी दोन अंतर्गत परीक्षा
२) उपस्थिती, सादरीकरण आणि उपक्रमांमधील सहभाग : १० गुण
आ) सत्रान्त परीक्षा-एकूण गुण ५०
१) घटक १ व २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.
२) घटक ३ व ४ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.
३) घटक १, २, ३ व ४ यावर आधारित पर्यायासह २० गुणांसाठी चार (आठपैकी चार)टीपा.

संदर्भ ग्रंथसूची

१. कुलकर्णी वा. ल.; साहित्य स्वरूप आणि समीक्षा, पाप्युलर प्रकाशन मुंबई, १९७५
२. गाडगीळ गंगाधर; खडक आणि पाणी, पॉप्युलर प्रकाशन, मुंबई. १९६०
३. गाडगीळ स.रा.; काव्यशास्त्रप्रदीप, मोघे प्रकाशन, कोल्हापूर. १९६२
४. जोग रा.श्री.; अभिनय काव्यप्रकाश, व्हीनस प्रकाशन, पुणे. १९९७
५. देशपांडे. ग. त्र्यं.; भारतीय साहित्यशास्त्र, पॉप्युलर प्रकाशन, मुंबई. १९८०
६. धोंगडे रमेश; शैलीवैज्ञानिक समीक्षा, दिलीपराज प्रकाशन, पुणे १९९८
७. नेमाडे भालचंद्र; साहित्याची भाषा, साकेत प्रकाशन, औरंगाबाद. १९८७
८. पाटील, शरद; अब्राह्मणी कला व साहित्याचे सौंदर्यशास्त्र, मावळाई प्रकाशन, पुणे
९. पाटणकर रा. भा. सौंदर्यमीमांसा, मौज प्रकाशन, मुंबई १९७४
१०. पाटणकर वसंत; साहित्यशास्त्र स्वरूप आणि समस्या, पद्मगंधा प्रकाशन, पुणे, २००६
११. पाटील गंगाधर; समीक्षेची नवी रूपे, मॅजेस्टिक बुक स्टॉल, मुंबई. १९५५
१२. पाटील गंगाधर; समीक्षामीमांसा, मौज प्रकाशन, मुंबई, २०११

१३. पाध्ये प्रभाकर,; सौंदर्यानुभव, इथेटिक्स सोसायटी आणि मौज प्रकाशन, मुंबई, १९७७
१४. बेडेकर दि.के.; साहित्यविचार, पॉप्युलर प्रकाशन, मुंबई १९६४
१५. बा.सी. मर्ढेकर,; कला आणि मानव (अनु जोशी रा.भी.), मौज प्रकाशन, मुंबई, १९८३
१६. बा.सी. मर्ढेकर,; साहित्य आणि सौंदर्य, मौज प्रकाशन,, मुंबई. प्र. स. १९५५) तृ आ. १९८३
१७. मालशे मिलिंद, आधुनिक भाषाविज्ञान सिद्धांत आणि उपयोजन, लोकवाङ्मयगृह, मुंबई, १९९५
१८. रसाळ सुधीर,; कविता आणि प्रतिमा, मौज प्रकाशन, मुंबई १९८२
१९. रायकर सीताराम व इतर (संपा),; वाङ्मयीन वाद : संकल्पना व स्वरूप, मेहता पब्लिशिंग हाऊस, पुणे १९९०
२०. रेगे पु. शि.; छांदसी, मौज प्रकाशन, मुंबई. १९६८
२१. वेलेकर रेने व ऑस्टीन वॉरेन,; साहित्यसिद्धांत, अनु. मालशे स.गं.; महाराष्ट्र राज्य संस्कृती मंडळ, मुंबई
२२. वैद्य सरोजनी व इतर (सं),; वाङ्मयीन महत्ता, मराठी विभाग, मुंबई विद्यापीठ आणि लोकवाङ्मयगृह, मुंबई.
२३. पाटील, शरद,; दासशूद्रांची गुलामगिरी खंड १ आणि खंड २, मावळाई प्रकाशन, पुणे
२४. पाटील, शरद,; जातीव्यवस्थाक सामंती सेवकत्व, मावळाई प्रकाशन, पुणे.
२५. मनोहर यशवंत, नवे साहित्यशास्त्र, युगसाक्षी प्रकाशन, नागपूर
२६. मनोहर यशवंत, साहित्याचे इहवादी सौंदर्यशास्त्र, पद्मगंधा प्रकाशन, पुणे.
२७. मनोहर यशवंत, सत्याचे सौंदर्य आणि सौंदर्याचे सत्य, सुवर्णमुद्रा प्रकाशन, पुणे.
२८. Daiches, David; Critical Approaches To Literature, Longmans, London, 1963, (Indian Rept)
२९. Lodge, David (ed.): 20th Century Literary Criticism: A Reader, Longmans, London And New York, 1972
३०. Lodge, David (ed) : Modern Criticism And Theory: A Reader, Longmans, America. 1991 (5th Edition)
३१. Wellek, Rene and Warren, Austin Theory of Literature, Jonathan Cape, London, 1961
३२. नियतकालिकांतील संदर्भ; पाटील गंगाधर, चिह्नमिमांसा, अनुष्टुभ, जाने-फेब्रु, १९९२, लेख ४

Format of Syllabus

Programme Name : M.A.Marathi

Course Name : साहित्य समीक्षा : सिद्धांत
Theory of Literature Criticism

Course code 50211

Total Credits : 04

Total Marks : 100

University assessment : 50

college assessment : 50

Course Objective

- १) साहित्य समीक्षा या संकल्पनेचे स्वरूप, वैशिष्ट्ये आणि व्याप्ती यांचा अभ्यास करणे
- २) लेखक वाचक आणि साहित्य संस्कृती व्यवहार यांचा समीक्षेची असलेला अनुबंध तपासणे.
- ३) साहित्य सिद्धांतांचे स्वरूप आणि वैशिष्ट्ये अभ्यासणे.
- ४) समीक्षा सिद्धांतांचे अंतर्विद्याशाखीय अनुबंध तपासणे

Course outcome

- १) साहित्य समीक्षा या संकल्पनेचे स्वरूप, वैशिष्ट्ये आणि व्याप्ती यांचे आकलन होईल.
- २) लेखक, वाचक आणि साहित्य संस्कृती व्यवहार यांचा समीक्षेची असलेला अनुबंध ज्ञात होईल.
- ३) साहित्य सिद्धांतांचे स्वरूप आणि व्याप्ती लक्षात येईल.
- ४) समीक्षा सिद्धांत आणि अंतर्विद्याशाखा यांचा परिचय होईल.

MODULE 1 : (श्रेयांकने २, व्याख्याने ३०)

घटक १

- अ) साहित्य समीक्षा : स्वरूप आणि संकल्पना
- आ) साहित्य समीक्षेची व्याप्ती
- इ) साहित्य समीक्षेच्या पायऱ्या

घटक २

- अ) साहित्य समीक्षा आणि लेखक अंतःसंबंध
- आ) साहित्य समीक्षा आणि वाचक अंतःसंबंध
- इ) साहित्य समीक्षा आणि साहित्य संस्कृती व्यवहार

MODULE 2 : (श्रेयांकने २, व्याख्याने ३०)

घटक ३

अ) साहित्य समीक्षा : सिद्धांत स्वरूप आणि वैशिष्ट्ये

आ) साहित्य समीक्षा : सिद्धांत जडणघडण

इ) समीक्षा पद्धतींची आवश्यकता

घटक ४

अ) समीक्षा सिद्धांत आणि अंतर्विद्याशाखा

आ) भाषाविज्ञान व आधुनिक साहित्य समीक्षा

इ) वाचकवाद आणि अर्थनिर्णयन

अ) अंतर्गत परीक्षा- एकूण गुण ५०

१) २०-२० गुणांसाठी दोन अंतर्गत परीक्षा

२) उपस्थिती, सादरीकरण आणि उपक्रमांमधील सहभाग : १० गुण

आ) सत्रान्त परीक्षा-एकूण गुण ५०

१) घटक १ व २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

२) घटक ३ व ४ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

३) घटक १, २, ३ व ४ यावर आधारित पर्यायासह २० गुणांसाठी चार (आठपैकी चार)टीपा.

संदर्भ ग्रंथसूची

१) कुलकर्णी, गो. म.; मराठी साहित्यातील स्पंदने, सुपर्ण प्रकाशन, पुणे, १९८५.

२) कुलकर्णी, वा. ल.; साहित्य आणि समीक्षा, पॉप्युलर प्रकाशन, मुंबई, १९६३

३) कुलकर्णी, गो. म.; नवसमीक्षा, काही प्रवाह, मेहता प्रकाशन, पुणे, १९८२

४) कोतापल्ले, नागनाथ; साहित्य आणि समाज, प्रतिमा प्रकाशन, पुणे, २००७

५) गाडगीळ, गंगाधर; साहित्याचे मानदंड, पॉप्युलर प्रकाशन, मुंबई, १९७७

६) जाधव, मनोहर (संपा); समीक्षेच्या नव्या संकल्पना, गोमंतक मराठी अकादमी, पणजी, १९९६

७) जाधव, रा. ग; वाङ्मयीन आकलन, पॉप्युलर प्रकाशन, मुंबई, १९७७

८) जाधव, रा. ग.; सांस्कृतिक मूल्यवेध, स्नेहवर्धन प्रकाशन, पुणे, १९९२

९) जोशी, अशोक; मराठीतील साहित्यविचार, आलोचना, जून १९९१

१०) धोंगडे आश्विनी; स्त्रीवादी समीक्षा: स्वरूप आणि उपयोजन

११) नाईक, राजीव आणि इतर; सौंदर्यविचार; मुंबई मराठी साहित्य संघ, मुंबई

१२) निरगुडकर, भारती; समीक्षासंहिता, शब्दालय प्रकाशन, श्रीरामपूर २०१२

१३) पाटणकर, रा. भा; सौंदर्यमीमांसा, मौज प्रकाशन, मुंबई, १९७४

१४) पाटणकर, वंसत; कविता संकल्पना, निर्मिती आणि समीक्षा, अनुभव प्रकाशन, मुंबई १९९५

१५) पाटील गंगाधर; समीक्षेची नवी रूपे, मॅजेस्टिक प्रकाशन, मुंबई, १९८१

१६) पाटील गंगाधर; समीक्षामीमांसा, मौज प्रकाशन, मुंबई, २०११

१७) पाटील, म. सु. आदिबंधात्मक समीक्षा, नीहारा प्रकाशन, पुणे १९८९

१८) फडके, भालचंद्र मराठी लेखिका, चिंता आणि चिंतन, श्रीविद्या प्रकाशन, पुणे

१९) भागवत, श्री. पु. व इतर साहित्य : अध्यापन आणि प्रकार, मौज प्रकाशन, मुंबई, १९८७

२०) मालशे, मिलिंद जोशी अशोक; आधुनिकसमीक्षा सिद्धांत, मौज प्रकाशन, मुंबई, २००७

- २१) मेश्राम, केशव व इतर; वाङ्मयीन प्रवृत्ती तत्त्वशोध, प्रतिमा प्रकाशन, २००७
- २२) रसाळ, सुधीर; कविता आणि प्रतिमा, मौज प्रकाशन, मुंबई, १९८२
- २३) शहा, मृणालिनी, टिळक विद्यागौरी (संपा); आधुनिक मराठीसाहित्य आणि सामाजिकता, पद्मगंधा, २००७
- २४) शिरवाडकर, के. रं; साहित्यवेध, मेहता प्रकाशन, पुणे, १९९६
- २५) साठे, मकरंद; मराठी रंगभूमीच्या तीस रात्री
- २६) साठे, शारदा; क्षितिजावरील शलाका
- २७) जाधव, मनोहर; साहित्यातील नव्या संकल्पना, स्वरूप प्रकाशन औरंगाबाद
- २८) Wilfred Guerin and Others; A Handbook of critical approaches to Literature, Oxford University Press, 1992
- २९) Bodkin, Maud, Archetypal Patterns in Poetry, Oxford, London, 1951
- ३०) Brooks, Cleanth The Well Wrought Urn, Methuen, London, 1968
- ३१) Brooks, Cleanth, Warren Robert Penn; Understanding Drama, Ho It, Rinehart & Winston, New York, 1961
- ३२) Daiches, David; Approaches to Literature, Prentice Hall, 1965
- ३३) Ellis, John M.; The Theory of Literary Criticism, University of California, 1974
- ३४) Frye, Northrop; Fables of Identity, Harecourt, Brace And World, 1963
- ३५) Glikberg, Charles; American Literary Criticism, Hendricks House, New York, 1951
- ३६) May, Westbrook; Twentieth Century Criticism, The Free Press, 1974
- ३७) Jacoby Jolan: The Psychology of C. G. Jung, Kegan Paul Trench, Trubner, London, 1942
- ३८) Philip, Rice and Patricia Waugh, Modern Literary Criticism
- ३९) Lodge, David; 20th Century Literary Criticism, Longman, London, 1990
- ४०) Robey, David; Modern Literary Theory, Bats ford, 1986

Format of Syllabus

Programme Name : M.A.Marathi

Course Name : ऐतिहासिक भाषाविज्ञान

Historical Linguistics

Course code 50311

Total Credits : 04

Total Marks : 100

University assessment : 50

college assessment : 50

Course Objective

- १)भाषेचे स्वरूप समजून घेणे.
- २)भाषेचा भाषावैज्ञानिक अभ्यास ज्ञात करणे.
- ३)भाषेचा ऐतिहासिक भाषाभ्यासपद्धतीने भाषेचा कालखंड आणि स्वरूप अभ्यासणे.
- ४)भाषा अभ्यास पद्धतींच्या विविध सिद्धांतांचा परिचय करून घेणे.

Course Outcomes

- १)ऐतिहासिक भाषा अभ्यास या संकल्पनेचा परिचय होईल.
- २)ऐतिहासिक भाषा अभ्यासाद्वारे भाषेची कालनिश्चिती आणि स्वरूप यांचे आकलन होईल.
- ३)भाषेची घटना, भाषेची रूपे, अर्थपरिवर्तन यांचे आकलन होईल.
- ४)भाषेचे कालिक भेद आणि लिपी विचार अवगत होईल.

MODULE I : (श्रेयांकने २, व्याख्याने ३०)

घटक १

- अ) ऐतिहासिक भाषाविज्ञानाची भूमिका
- आ) ऐतिहासिक भाषाविज्ञानाची मूलतत्वे
- इ) ऐतिहासिकता आणि तौलनिकता, बहुभाषिक व एकभाषिक पुनर्रचन

घटक २

- अ) भाषाकुलसिद्धांत
- आ) स्वनपरिवर्तन
- इ) अर्थपरिवर्तन

MODULE II : (श्रेयांकने २, व्याख्याने ३०)

घटक ३

- अ) मराठी भाषेची पूर्वपिठिका
- आ) आर्यभारतीय भाषांमधील परिवर्तन
- इ) अंतर्वर्तुळ – बहिर्वर्तुळ सिद्धांत

घटक ४

अ) कालिक भेद

आ) लिपीविचार

इ) धम्म लिपी, ब्राम्ही लिपी, रोमन लिपी, देवनागरी लिपी आणि मोडी लिपी.

परीक्षा पद्धती :

अ) अंतर्गत परीक्षा - एकूण गुण ५०

१) २०-२० गुणांसाठी दोन अंतर्गत परीक्षा

२) उपस्थिती, सादरीकरण आणि उपक्रमांमधील सहभाग : १० गुण

आ) सत्रान्त परीक्षा-एकूण गुण ५०

१) घटक १ व २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

२) घटक ३ व ४ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

३) घटक १, २, ३ व ४ यावर आधारित पर्यायासह २० गुणांसाठी चार (आठपैकी चार)टीपा.

संदर्भ ग्रंथसूची

१) कालेलकर, ना.गो., ध्वनिविचार, मौज प्रकाशन मुंबई, १९६०.

२) ग्रामोपाध्ये, ग.ब., भाषा विचार आणि मराठी भाषा, व्हीनस प्रकाशन पुणे, १९७९, दु.आ.

३) तुळपुळे, शं.गो., यादवकालीन मराठी भाषा, व्हीनस प्रकाशन पुणे, १९७३.

४) दाते, य.रा., महाराष्ट्र शब्दकोश – प्रस्तावनाखंड, महाराष्ट्र कोश मंडळ लि.पुणे, १९३२.

५) पुंडे द.दि., सुलभ भाषाविज्ञान, स्नेहवर्धन प्रकाशन, पुणे, २००५, दुआ.

६) मालशे सं.ग.व इतर (संपा.), भाषाविज्ञान वर्णनात्मक आणि ऐतिहासिक, पद्मगंधा प्रकाशन, पुणे, २००५.

७) कालेलकर ना.गो., भाषा : इतिहास आणि भूगोल, मौज प्रकाशन, मुंबई

८) कालेलकर ना.गो., भाषा आणि संकृती, मौज प्रकाशन, मुंबई

९) केळकर, अशोक, मराठी भाषेचा आर्थिक संसार, मराठवाडा सा.प. औरंगाबाद.

१०) इंगळे-चावरेकर रवींद्र, सिंधुकालीन लिपी आणि भारतीय भाषांचा इतिहास, हस्ताक्षर प्रकाशनगृह, २०२१

११) भोपे, प्रल्हाद, नागेश अंकुश, भाषाविज्ञान व व्याकरण, चिन्मय प्रकाशन औरंगाबाद, प्र.आ. २०११

१२) मालशे स.ग., इनामदार हे.वि., सोमण, अंजली, भाषाविज्ञान : वर्णनात्मक आणि ऐतिहासिक, च.आ. २०१०.

१३) मारवाडे नरेंद्र, सरकटे सदाशिव, भाषा विज्ञान, कैलास पब्लिकेशन औरंगाबाद, प्र.आ. २०११

१४) Keiler, Allan R- A Reader in Historical and Comparative Linguistics, (ed.) Helt Rinehart and Winston, New York, 1972.

१५) Lehman, W.P. Historical Linguistics – An Introduction, Helt Rinehart and Winston, New York, 1972.

Format of syllabus

Programme Name : M.A. Marathi

Course Name : कालखंडाचा अभ्यास (आरंभ ते १६००)

Study of Periods (Beginning to 1600)

Course code : 50411

Total Credits : 02

Total Mark : 50

University assessment : 25

College assessment : 25

Course Objective

- १) मराठी भाषा आणि साहित्याच्या प्रेरणांचा शोध घेणे.
- २) ताम्रपट आणि शिलालेख यांच्या भाषेचे महत्त्व अभ्यासणे.
- ३) यादवकालीन मराठीच्या भाषा आणि साहित्याच्या निर्मितीमागील तत्त्वज्ञानाचा आणि सांप्रदायिक विचारांचा शोध घेणे.
- ४) बहामनी काळातील मराठीच्या भाषा आणि साहित्याच्या निर्मितीमागील तत्त्वज्ञानाचा आणि सांप्रदायिक विचारांचा शोध घेणे.

Course Outcomes

- १) अभिजात मराठी भाषेची पूर्वपिठीका ज्ञात होईल.
- २) शिलालेख आणि ताम्रपट यांच्यातून व्यक्त होणारे मराठी भाषा आणि साहित्य यांचे वैशिष्ट्ये अभ्यासता येईल.
- ३) यादवकालातील महानुभाव आणि वारकरी संप्रदायाच्या तत्त्वज्ञानाचा परिचय होईल.
- ४) बहामनी कालातील वारकरी, दत्त आणि सूफी संप्रदायाच्या तत्त्वज्ञानाचे आकलन होईल.

MODULE –I (श्रेयांकने २, व्याख्याने ३०)

घटक १

- अ) कालखंडाचा अभ्यास :संकल्पना, स्वरूप व वैशिष्ट्ये
- आ) प्राचीन मराठीचे स्वरूप आणि वैशिष्ट्ये, ताम्रपट आणि शिलालेख यांचा अभ्यास.
- इ) यादवकालीन समाज, संस्कृती, संप्रदाय आणि साहित्य.

घटक २

- अ) बहामनीकालीन समाज आणि संस्कृती.
- आ) बहामनीकालीन संप्रदायांचे तत्त्वज्ञान. (दत्त व सूफी संप्रदाय)
- इ) बहामनीकालीन मराठी भाषा आणि वाङ्मयाचे स्वरूप व वैशिष्ट्ये.

परीक्षा पद्धती :

अ) अंतर्गत परीक्षा- एकूण गुण २५

- १) १० – १० गुणांसाठी दोन अंतर्गत परीक्षा
- २) उपस्थिती, सादरीकरण आणि उपक्रमांमधील सहभाग : ०५ गुण

आ) सत्रान्त परीक्षा-एकूण गुण २५

- १) घटक १, २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.
- २) घटक १, २ यावर आधारित पर्यायासह १० गुणांसाठी दोन टिपा (चारपैकी दोन)

संदर्भग्रंथसूची

१. आचार्य, मा. ना.; ज्ञानमयूरांची कविता, पुष्पा प्रकाशन, पुणे.
२. केतकर, श्री. व्यं.; महाराष्ट्रीयांचे काव्यपरीक्षण, व्हीनस प्रकाशन, पुणे, १९६४ (दु० आ०).
३. जोग, रा. श्री.; मराठी वाङ्मयाभिरुचीचे विहंगमावलोकन, पुणे विद्यापीठ, पुणे, १९५९.
४. जोग, रा. श्री.; मराठी वाङ्मयाचा इतिहास, खंड ३, (१६८१ ते १८००) महाराष्ट्र साहित्य परिषद, पुणे, १९७३.
५. तुळपुळे, शं. गो.; पाच संतकवी, सुविचार प्रकाशन मंडळ, पुणे, १९८४ (तृ० आ०).
६. तुळपुळे, शं. गो.; मराठी वाङ्मयाचा इतिहास, खंड १, (आरंभ ते १३५०) महाराष्ट्र साहित्य परिषद, पुणे, १९८४.
७. देशमुख, उषा मा.; कालखंडाचा अभ्यास, मुंबई विद्यापीठ, मराठी विभाग आणि स्नेहवर्धन प्रकाशन, पुणे,
८. नसिराबादकर, ल. रा.; प्राचीन मराठी वाङ्मयाचा इतिहास, फडके प्रकाशन, कोल्हापूर, १५ ०५.
९. पाध्ये, दिगंबर; साहित्य, समाज आणि संस्कृती, मराठी विभाग, मुंबई विद्यापीठ आणि लोकवाङ्मय गृह, मुंबई, १९९८.
१०. फाटक, न. र.; एकनाथ: व्यक्ती आणि वाङ्मय, मौज प्रकाशन, मुंबई, १९६३.
११. बडवे, नानासाहेब, एकनाथांची भारूडे, भाग १. श्रीएकनाथ संशोधन मंदिर, औरंगाबाद, १९६८.
१२. बडवे, नानासाहेब एकनाथांची भारूडे, भाग २, श्रीएकनाथ संशोधन मंदिर, औरंगाबाद, १९७८.
१३. भावे, वि. ल., महाराष्ट्र सारस्वत, खंड १, पॉप्युलर प्रकाशन, मुंबई, १९८३ (स०आ०). १५. भावे, वि० ल०; महाराष्ट्र सारस्वत, खंड २, पॉप्युलर प्रकाशन, मुंबई, १९८३ (स०आ०).
१४. भिंगारे, ल. म.; मुक्तमयुरांची महाभारते, मराठवाडा साहित्य परिषद, हैद्राबाद, १९५६.
१५. मालशे, स. गं.; मराठी वाङ्मयाचा इतिहास, खंड २, भाग १, (१३५० ते १६८०) महाराष्ट्र साहित्य परिषद, पुणे, १९८२.
१६. मालशे, स. गं.; मराठी वाङ्मयाचा इतिहास, खंड २, भाग २, (१३५० ते १६८०) महाराष्ट्र साहित्य परिषद, पुणे, १९८२.
१७. शेणोलीकर, ह. श्री.; प्राचीन मराठी वाङ्मयाचा इतिहास, मोघे प्रकाशन, कोल्हापूर, १९७१.
१८. सरदार, गं. बा.; संत साहित्याची सामाजिक फलश्रुती, महाराष्ट्र साहित्य परिषद, पुणे, १९७० (ति० आ०)..
१९. साखरे, नानामहाराज, सकलसंतगाथा, खंड १ ते ३, वरदा प्रकाशन, पुणे, १९६७.

Format of syllabus

Programme Name : M.A. Marathi

Course Name : दलित साहित्य

Dalit Literature

Course code : 50511

Total Credits : 04

Total Mark :100

University assessment : 50

College assessment : 50

Course Objective

- १) दलित साहित्याच्या निर्मिती आणि प्रेरणांचा शोध घेणे.
- २) दलित साहित्यातील वेदना, विद्रोह आणि नकार या तत्वांचा शोध घेऊन दलित साहित्य आणि दलित जाणीव यांचा अभ्यास करणे.
- ३) आंबेडकरपूर्व आणि आंबेडकरोत्तर दलित चळवळीचा साहित्याशी असलेला अनुबंध शोधणे.
- ४) दलित साहित्याच्या साहित्यकृतीतून दलित साहित्याचे सौंदर्यतत्त्व शोधणे.

Course Outcome

- १) दलित साहित्याच्या फुले आंबेडकरी विचारांचे प्रेरणा तत्त्व लक्षात येईल.
- २) दलित साहित्यातील वेदना, विद्रोह आणि नकार या तत्वांच्या बरोबरच दलित जाणिवेचे वेगळेपण ज्ञात होईल.
- ३) दलित साहित्याचा दलित चळवळीशी असलेला अनुबंध परिचित होईल.
- ४) नेमलेल्या दलित साहित्यकृतीतून दलित साहित्याच्या सौंदर्यमूल्यांचे आकलन होईल.

MODULE 1 : (श्रेयांकने २, व्याख्याने ३०)

घटक १

अ) दलित चळवळ : पार्श्वभूमी.

आ) आंबेडकरपूर्व आणि आंबेडकरोत्तर परिवर्तनवादी चळवळी.(सत्यशोधक चळवळ, स्त्री चळवळ, दलित पँथर चळवळ, यूक्रांद)

इ) दलित साहित्याची पूर्वपिठीका.

घटक २

अ) दलित साहित्य : स्वरूप व संकल्पना.

आ) दलित साहित्य : प्रेरणा व प्रयोजन.

इ) दलित साहित्यातील सामाजिक व सांस्कृतिक संघर्ष.

MIDULE II(श्रेयांकने २, व्याख्याने ३०)

घटक ३

अ) दलित साहित्याने हाताळलेले साहित्यप्रकार (कविता आणि आत्मकथनाच्या अनुषंगाने)

आ) दलित साहित्याची भाषा.

इ) दलित साहित्याचे सौंदर्यशास्त्र (स्थूल परिचय)

घटक ४

अ) कविता आणि आत्मकथने : तात्विक विचार.

आ) कोंडवाडा – दया पवार.

इ) जग बदल घालून घाव – एकनाथ आव्हाड.

परीक्षा पद्धती :

अ) अंतर्गत परीक्षा - एकूण गुण ५०

१) २०-२० गुणांसाठी दोन अंतर्गत परीक्षा

२) उपस्थिती, सादरीकरण आणि उपक्रमांमधील सहभाग : १० गुण

आ) सत्रान्त परीक्षा-एकूण गुण ५०

१) घटक १ व २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

२) घटक ३ व ४ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

३) घटक १, २, ३ व ४ यावर आधारित पर्यायासह २० गुणांसाठी चार (आठपैकी चार)टीपा.

संदर्भग्रंथसूची

- १) आंबेडकर, डॉ. बाबासाहेब ; अस्पृश्य मूळचे कोण ? (The Untouchables), (अनु.) कांबळे, बी . सी.
- २) आंबेडकर , डॉ . बाबासाहेब ; जातिभेद निर्मूलन, (अनु.) गांजरे, मा. फ. प्रज्ञा प्रकाशनमंडळ, नागपूर , १९७०
- ३) आंबेडकर, डॉ. बाबासाहेब, शूद्र मूळचे कोण होते ? (अनु) खैरमोडे, चां. भ. ठक्करआणिक. लि., मुंबई १९४६
- ४) कऱ्हाडे, सदा , दलित साहित्य चिकित्सा , स्वरूप प्रकाशन, औरंगाबाद २००१
- ५) कुलकर्णी, गो. म. (संपा.): दलित साहित्य : प्रवाह व प्रतिक्रिया, प्रतिमा प्रकाशन, पुणे १९८६
- ६) खरात, शंकरराव ; दलित वाङ्मय प्रेरणा आणि प्रवृत्ती, इनामदार प्रकाशन, पुणे, १९७८
- ७) जाधव , रा. ग. निळी पहाट , प्राज्ञपाठशाळा मंडळ , वाई , १९७८.
- ८) डांगळे, अर्जुन (संपा.); दलित साहित्य : एक चिंतन, महाराष्ट्र राज्य साहित्य आणि संस्कृतीमंडळ, मुंबई, १९७८
- ९) निंबाळकर, वामन (संपा): सामाजिक क्रांतीची दिशा, (प्राचार्य म. भ. चिटणीस समग्र वाङ्मय) , प्रबोधन प्रकाशन, नागपूर, २००७ ,
- १०) पाटील, म. सु., दलित कविता , लोकवाङ्मय गृह मुंबई १९९८१.
- ११) पानतावणे, गंगाधर, दलित साहित्य : चर्चा आणि चिंतन, साकेत प्रकाशन, औरंगाबाद, १९९३,
- १२) फडके, भालचंद्र, दलित साहित्य : वेदना आणि विद्रोह, श्रीविद्या प्रकाशन, पुणे, १९७० (प्र.आ.) १९८९ (दु.आ.).
- १३) बागूल, बाबूराव ; दलित साहित्य : आजचे क्रांतिविज्ञान, बुद्धिस्ट पब्लिक हाऊस, नागपूर, १९८१.
- १४) भगत, दत्ता, निळी वाटचाल , प्रतिमा प्रकाशन, पुणे, २००१.
- १५) मनोहर, यशवंत, दलित साहित्य: सिद्धांत आणि स्वरूप, प्रबोधन प्रकाशन, नागपूर, १९७८
- १६) माटे, श्री. म. अस्पृष्टांचा प्रश्न, दाते प्रकाशन, पुणे, १९३३.
- १७) मेश्राम, केशव (संपा.) ; विद्रोही कविता, कॉन्टिनेन्टल प्रकाशन, पुणे, १९७८ (प्र. आ.), १९९४ (तृ. आ.).

Format of Syllabus

Programme Name : M.A.Marathi

Course Name : संशोधनशास्त्र

Research Methodology

Course code 50611

Total Credits : 04

Total Marks : 100

University assessment : 50

college assessment : 50

Course Objective

- १) संशोधन या संकल्पनेचे स्वरूप आणि वैशिष्ट्ये यांचा अभ्यास करणे.
- २) संशोधन पद्धतींचा अभ्यास करणे.
- ३) साहित्य संशोधनाचे महत्त्व जाणून घेणे.
- ४) साहित्य संशोधन पद्धतींच्या आधारे साहित्याचे संशोधन करणे.

Course outcome

- १) संशोधन या संकल्पनेचे स्वरूप आणि वैशिष्ट्ये यांचे आकलन होईल.
- २) विविध संशोधन पद्धतींचे महत्त्व ज्ञात होईल.
- ३) साहित्य संशोधनाची व्याप्ती लक्षात येईल.
- ४) साहित्य संशोधन पद्धतींच्या आधारे साहित्याचे संशोधन करता येईल.

MODULE 1 : (श्रेयांकने २, व्याख्याने ३०)

घटक १

- अ) संशोधन म्हणजे काय? स्वरूप आणि व्याप्ती.
- आ) वैज्ञानिक, सामाजिक व साहित्यिक संशोधन साम्यभेद
- इ) विद्यापीठीय संशोधन स्वरूप आणि वैशिष्ट्ये

घटक २

- अ) साहित्यसंशोधन व साहित्यविचार
- आ) साहित्यसंशोधन व समीक्षा अनुबंध
- इ) साहित्य संशोधन स्वरूप आणि वैशिष्ट्ये

MODULE 2 : (श्रेयांकने २, व्याख्याने ३०)

घटक ३

- अ) साहित्याच्या संशोधन पद्धती (ग्रंथकार, साहित्यप्रकार, साहित्यकृती, कालखंड अभ्यास)
आ) साहित्याच्या संशोधन पद्धती (साहित्यसंशोधन भाषाशास्त्र व बोलींचा अभ्यास)
इ) साहित्याच्या संशोधन पद्धती (ग्रंथालयीन वाचनाचे संयोजन, ग्रंथसूचिशस्त्र व संशोधनसाधने)

घटक ४

- अ) शोधनिबंध लेखन पद्धती
आ) प्रकल्प अथवा प्रबंधिका लेखन पद्धती
इ) प्रबंध लेखन पद्धती

अ) अंतर्गत परीक्षा एकूण गुण ५०.

१) प्रकल्प : ४० गुण

२) मौखिक परीक्षा : १० गुण

आ) सत्रान्त परीक्षा-एकूण गुण ५०

१) घटक १ व २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

२) घटक ३ व ४ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

३) घटक १, २, ३ व ४ यावर आधारित पर्यायासह २० गुणांसाठी चार (आठपैकी चार)टीपा.

संदर्भग्रंथ :

- १) कन्हाडे, सदा, संशोधन : सिद्धान्त आणि पद्धती, लोकवाङ्मयगृह, मुंबई, १९९७.
- २) चुनेकर, सु. रा. व इतर (संपा.); संशोधन : स्वरूप आणि पद्धती, शिक्षण प्रसारक संस्था, संगमनेर, १९८३.
- ३) जोशी, वसंत व इतर (संपा.); भाषा व साहित्य संशोधन खंड १, महाराष्ट्र साहित्य परिषद, पुणे, १९८१.
- ४) जोशी, वसंत व इतर (संपा.); भाषा व साहित्य संशोधन खंड २, महाराष्ट्र साहित्य परिषद, पुणे, १९८५.
- ५) जोशी, वसंत व इतर (संपा.); भाषा व साहित्य : संशोधन खंड ३, महाराष्ट्र साहित्य परिषद, पुणे, १९८९.
- ६) तुळपुळे, शं. गो.; प्राचीन मराठी कोरीवलेख, पुणे विद्यापीठ, पुणे, १९६३.
- ७) देशमुख, उषा मा.; मराठी संशोधनविद्या, स्नेहवर्धन पब्लिशिंग हाऊस, पुणे.
- ८) बनहट्टी, श्री. ना. (संपा.); ज्ञानदेवी - अध्याय १२, सुविचार प्रकाशन मंडळ, पुणे, १९६७.
- ९) मालशे, स. गं. शोधनिबंधाची लेखनपद्धती, सुविचार प्रकाशन, नागपूर, १९७५.
- १०) संत, दु. का.; शोधविज्ञानकोश, अनाथ विद्यार्थी गृह प्रकाशन, पुणे, १९८५.
- ११) संत, दु. का.; संशोधन पद्धती, प्रक्रिया व अंतरंग, अनाथ विद्यार्थी गृह प्रकाशन, पुणे, १९६२.
- १२) Whitney, F. L.; Elements of Research, Prentice- Hall, New York, 1954.

M.A.Part -1 Marathi Semester – 2

Format of Syllabus

Programme Name : M.A.Marathi

Course Name : साहित्यशास्त्र (भाग –2)

Theory of Literature (part –2)

Course code 51111

Total Credits : 04

Total Marks : 100

University assessment : 50

college assessment : 50

Course Objective

- १) साहित्याची भाषा संकल्पनेचे स्वरूप आणि वैशिष्ट्य समजून घेणे.
- २) साहित्याचे वर्गीकरण या संकल्पनेचा परिचय करून घेणे.
- ३) साहित्यातील प्रवृत्ती व वादांचे आकलन करणे.
- ४) साहित्यातील मूल्यविचार अभ्यासणे.

Course outcome

- १) साहित्याच्या भाषा आणि शैली अभ्यास केल्याने साहित्यकृतीचे स्वरूप निश्चित करणे शक्य होईल.
- २) साहित्य प्रकारांच्या वर्गीकरणाचा अभ्यास झाल्याने साहित्यकृतीची प्रकारनिष्ठ निर्मिती करणे, आस्वाद घेणे, आणि समीक्षा करणे शक्य होईल.
- ३) साहित्यातील प्रवृत्ती व वादांचे आकलन झाल्याने साहित्य आणि समाज यांचा अनुबंध तपासता येईल.
- ४) साहित्यातील मूल्यविचार अभ्यासल्याने साहित्य चांगले की श्रेष्ठ हे ठरवून साहित्याचे महत्त्व अधोरेखित केले जाईल.

MODULE 1 : (श्रेयांकने २, व्याख्याने ३०)

घटक १

- अ) साहित्यभाषेविषयीचे काही दृष्टिकोण: शब्दशक्ती, वक्रोक्तीविचार,
आ) साहित्यभाषेविषयीचा रूपवादी आणि संरचनावादी विचार.
इ) शैलीविचार : रूपक, प्रतिमा, प्रतिक, मिथ, समांतरता आणि शैलीविचार संकल्पना (लेखक, वाचक व साहित्यकृती आणि युगधर्माची शैली)

घटक २

- अ) साहित्यातील प्रवृत्ती, साहित्यातील वाद या संकल्पना परिचय
आ) अभिजातवाद, रोमँटिसिझम या संकल्पनांचा स्थूल परिचय
इ) वास्तववाद, अस्तित्ववाद या साहित्यातील वाद संकल्पनांचा स्थूल परिचय

MODULE 2 : (श्रेयांकने २, व्याख्याने ३०)

घटक ३

- अ) साहित्याचे वर्गीकरण ही संकल्पना - वर्गीकरणाविषयीचा भारतीय विचार - संस्कृत साहित्यातील श्रेणीव्यवस्था विचार, भरत, अभिनवगुप्त अश्वघोष, दिग्नाग यांची भूमिका
आ) पाश्चात्य विचार १) प्राचीन कालखंड आदेशात्मक पद्धती सॉक्रेटिस, अॅरिस्टॉटल, हेगेल , २) क्रोचेची भूमिका, ३) आधुनिक कालखंड : वर्णनात्मक पद्धती इलियट, नॉर्थोप फ्राय, सुसान लॅंगर, ४) संरचनावादी पद्धती रोलां बाल्स, रॉबर्ट स्कोल.
इ) साहित्याचे वर्गीकरण विषयक मराठीतील साहित्याच्या वर्गीकरणाचा विचार

घटक ४

- अ) साहित्य मूल्यमापनाविषयीची लौकिकतावादी भूमिका
आ) साहित्य मूल्यमापनाविषयीची अलौकिकतावादी भूमिका
इ) साहित्याच्या मूल्यमापनासंबंधीच्या समस्यांचा अभ्यास (साहित्यकृती - चांगली की श्रेष्ठ, वस्तुनिष्ठ की ज्ञातृनिष्ठ, सापेक्ष की शाश्वत साहित्यकृती, कलावादी प्रबोधनवादी, क्रांतीवादी विचार)

परीक्षा पद्धती :

अ) अंतर्गत परीक्षा - एकूण गुण ५०

- १) २० - २० गुणांसाठी दोन अंतर्गत परीक्षा
- २) उपस्थिती, सादरीकरण आणि उपक्रमांमधील सहभाग : १० गुण

आ) सत्रान्त परीक्षा-एकूण गुण ५०

- १) घटक १ व २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.
- २) घटक ३ व ४ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.
- ३) घटक १, २, ३ व ४ यावर आधारित पर्यायासह २० गुणांसाठी चार (आठपैकी चार)टीपा.

संदर्भ ग्रंथसूची

१. कुलकर्णी वा. ल.; साहित्य स्वरूप आणि समीक्षा, पाप्युलर प्रकाशन मुंबई, १९७५
२. गाडगीळ गंगाधर; खडक आणि पाणी, पॉप्युलर प्रकाशन, मुंबई. १९६०
३. गाडगीळ स.रा.; काव्यशास्त्रप्रदीप, मोघे प्रकाशन, कोल्हापूर. १९६२
४. जोग रा.श्री.; अभिनय काव्यप्रकाश, व्हीनस प्रकाशन, पुणे. १९९७
५. देशपांडे. ग. त्र्यं.; भारतीय साहित्यशास्त्र, पॉप्युलर प्रकाशन, मुंबई. १९८०
६. धोंगडे रमेश; शैलीवैज्ञानिक समीक्षा, दिलीपराज प्रकाशन, पुणे १९९८
७. नेमाडे भालचंद्र; साहित्याची भाषा, साकेत प्रकाशन, औरंगाबाद. १९८७
८. पाटील, शरद; अब्राह्मणी कला व साहित्याचे सौंदर्यशास्त्र, मावळाई प्रकाशन, पुणे
९. पाटणकर रा. भा. सौंदर्यमीमांसा, मौज प्रकाशन, मुंबई १९७४
१०. पाटणकर वसंत; साहित्यशास्त्र स्वरूप आणि समस्या, पद्मगंधा प्रकाशन, पुणे, २००६
११. पाटील गंगाधर.; समीक्षेची नवी रूपे, मॅजेस्टिक बुक स्टॉल, मुंबई. १९५५
१२. पाटील गंगाधर.; समीक्षामीमांसा, मौज प्रकाशन, मुंबई, २०११
१३. पाध्ये प्रभाकर.; सौंदर्यानुभव, इथेटिक्स सोसायटी आणि मौज प्रकाशन, मुंबई, १९७७
१४. दि. के. बेडेकर.; साहित्यविचार, पॉप्युलर प्रकाशन, मुंबई १९६४
१५. बा.सी. मर्ढेकर.; कला आणि मानव (अनु जोशी रा.भी.), मौज प्रकाशन, मुंबई, १९८३

१६. बा.सी. मर्ढेकर,; साहित्य आणल सौदर्य, ढौज प्रकाशन,, ढुंढई. प्र. स. १९५५) तृ आ. १९८३
१७. ढालशे ढलललंद, आधुनलक ढाषावलज्ञान सलदुधलंत आणल उपयोजन, लुकवलङुग्यगृह, ढुंढई, १९९५
१८. रसाळ सुधीर,; कवलता आणल प्रतिढा, ढौज प्रकाशन, ढुंढई १९८२
१९. रायकर सीताराम व इतर (संढा),; वलडढयीन वलद : संकल्पना व स्वरूप, ढेहता ढब्ललशलंग हाऊस, ढुणे १९९०
२०. रेगे ढु. शल.; छलंदसी, ढौज प्रकाशन, ढुंढई. १९६८
२१. वेलेक रेने व ऑस्टीन वॉरेन,; साहित्यसलदुधलंत, अनु. ढालशे स.गं.; ढहाराष्ट्र राज्य संस्कृती ढंडळ, ढुंढई
२२. वैद्य सरोजनी व इतर (सं),; वलडढयीनढहत्ता, ढराठी वलढाग, ढुंढई वलद्याढीठ आणल लुकवलङुग्यगृह, ढुंढई.
२३. ढाटील, शरद,; दासशूद्रलंकी गुलामगलरी खंड १ आणल खंड २, ढावळलई प्रकाशन, ढुणे
- २ॡ. ढाटील, शरद,; जलतीव्यवस्थाक सलढंती सेवकत्त्व, ढावळलई प्रकाशन, ढुणे.
२५. ढनोहर यशवंत, नवे साहित्यशास्त्र, युगसलक्षी प्रकाशन, नलगढूर
२६. ढनोहर यशवंत, साहित्यलचे इहवलदी सौदर्यशास्त्र, ढदुगंधल प्रकाशन, ढुणे.
२७. ढनोहर यशवंत, सत्यलचे सौदर्य आणल सौदर्यलचे सत्य, सुवर्णढुद्रल प्रकाशन, ढुणे.
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Format of Syllabus

Programme Name : M.A.Marathi

Course Name : साहित्य समीक्षा : उपयोजन

Applied Literature Criticism

Course code 51211

Total Credits : 04

Total Marks : 100

University assessment : 50

college assessment : 50

Course Objective

- १) रूपवादी समीक्षा पद्धतीचे स्वरूप, वैशिष्ट्ये, व्याप्ती आणि उपयोजन ज्ञात करणे.
- २) मानसशास्त्रीय समीक्षा पद्धतीचे स्वरूप, वैशिष्ट्ये, व्याप्ती आणि उपयोजन अभ्यासणे.
- ३) आदिबंधात्मक समीक्षा पद्धतीचे स्वरूप, वैशिष्ट्ये, व्याप्ती आणि उपयोजन समजून घेणे.
- ४) मार्क्सवादी समीक्षा पद्धतीचे स्वरूप, वैशिष्ट्ये, व्याप्ती आणि उपयोजन अभ्यासणे.

Course outcome

- १) रूपवादी समीक्षा पद्धतीचे स्वरूप, वैशिष्ट्ये, व्याप्ती ज्ञात होऊन या समीक्षा पद्धतीने साहित्यकृतीचे मूल्यमापन करताना उपयोजन करता येईल.
- २) मानसशास्त्रीय समीक्षा पद्धतीचे स्वरूप, वैशिष्ट्ये, व्याप्ती अभ्यासता आल्याने या समीक्षा पद्धतीचा साहित्यकृतीचे मूल्यमापन करताना उपयोजन करता येईल.
- ३) आदिबंधात्मक समीक्षा पद्धतीचे स्वरूप, वैशिष्ट्ये, व्याप्ती यांचा परिचय झाल्याने या समीक्षा पद्धतीचा साहित्यकृतीचे मूल्यमापन करताना उपयोजन करता येईल.
- ४) मार्क्सवादी समीक्षा पद्धतीचे स्वरूप, वैशिष्ट्ये, व्याप्ती यांचा अभ्यास झाल्याने या समीक्षापद्धतीचा साहित्यकृतीचे मूल्यमापन करताना उपयोजन करता येईल.

MODULE 1 : (श्रेयांकने २, व्याख्याने ३०)

घटक २

अ) रूपवादी समीक्षा : पाश्चात्यविचार (रशियन व अँग्लो अमेरिकन रूपवाद)

आ) मराठीतील रूपवादी समीक्षा

इ) उपयोजन कविता

१) मुक्ताबाई – मुंगी उडाली आकाशी

२) वामन पंडित – वेणूसुधा १

३) पु. शि. रेगे – त्रिधा राधा

४) आरती प्रभु - शिशिरामधल्या

५), ग्रेस – कलश

घटक २

अ) मानसशास्त्रीय समीक्षा : पाश्चात्यविचार (सिगमंड फ्राईड, कार्ल युंग)

आ) मराठीतील मानसशास्त्रीय समीक्षा

इ) उपयोजन : कलाकृती (दोन कथा)

१) जी.ए. कुलकर्णी – निळ्या चेह-याची आकृती

२) गंगाधर गाडगीळ – बिन चेह-याची संध्याकाळ

MODULE II : (श्रेयांकने २, व्याख्याने ३०)

घटक ३

अ) आदिबंधात्मक समीक्षा : पाश्चात्यविचार (कार्ल युंग, झाक् लाकां)

आ) मराठीतील आदिबंधात्मक समीक्षा

इ) उपयोजन : कादंबरी

१) कमाल देसाई – हॅट घालणारी बाई

घटक ४

अ) मार्क्सवादी समीक्षा : पाश्चात्यविचार (हेगल, कार्ल मार्क्स, एंगल्स)

आ) मराठीतील मार्क्सवादी समीक्षा

इ) उपयोजन : ५ कविता

१) विं.दा.करंदीकर – यंत्रावतार

२) नारायण सुर्वे – शहरात गोळा झालेले कावळे

३) नामदेव ढासळ – कामगारबंधो

४) प्रफुल्ल शिलेदार – पायी चालणारा

५) मल्लिका अमर शेख – तू एक कॉप्रेड

परीक्षा पद्धती :

अ) अंतर्गत परीक्षा - एकूण गुण ५०

१) २० - २० गुणांसाठी दोन अंतर्गत परीक्षा

२) उपस्थिती, सादरीकरण आणि उपक्रमांमधील सहभाग : १० गुण

आ) सत्रान्त परीक्षा-एकूण गुण ५०

१) घटक १ व २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

२) घटक ३ व ४ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

३) घटक १, २, ३ व ४ यावर आधारित पर्यायासह २० गुणांसाठी चार (आठपैकी चार)टीपा.

संदर्भ ग्रंथसूची

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३) कुलकर्णी, गो. म.; नवसमीक्षा, काही प्रवाह, मेहता प्रकाशन, पुणे, १९८२

४) कोतापल्ले, नागनाथ; साहित्य आणि समाज, प्रतिमा प्रकाशन, पुणे, २००७

५) गाडगीळ, गंगाधर; साहित्याचे मानदंड, पॉप्युलर प्रकाशन, मुंबई, १९७७

६) जाधव, मनोहर (संपा); समीक्षेच्या नव्या संकल्पना, गोमंतक मराठी अकादमी, पणजी, १९९६

- ७) जाधव, रा. ग.; वाङ्मयीन आकलन, पॉप्युलर प्रकाशन, मुंबई, १९७७
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- ९) जोशी, अशोक.; मराठीतील साहित्यविचार, आलोचना, जून १९९१
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- ११)राजीव आणि इतर सौंदर्यविचार.;मुंबई मराठी साहित्य संघ, मुंबई
- १२) निरगुडकर, भारती; समीक्षासंहिता, शब्दालय प्रकाशन, श्रीरामपूर २०१२
- १३) पाटणकर, रा. भा; सौंदर्यमीमांसा, मौज प्रकाशन, मुंबई, १९७४
- १४) पाटणकर, वंसत; कविता संकल्पना, निर्मिती आणि समीक्षा, अनुभव प्रकाशन, मुंबई १९९५
- १५) पाटील गंगाधर; समीक्षेची नवी रूपे, मॅजेस्टिक प्रकाशन, मुंबई, १९८१
- १६) पाटील गंगाधर; समीक्षामीमांसा, मौज प्रकाशन, मुंबई, २०११
- १७) पाटील, म. सु. आदिबंधात्मक समीक्षा, नीहारा प्रकाशन, पुणे १९८९
- १८) भागवत विद्युत, स्त्रीप्रश्नाची वाटचाल
- १९) भागवत, श्री. पु. व इतर साहित्य : अध्यापन आणि प्रकार, मौज प्रकाशन, मुंबई, १९८७
- २०) मालशे, मिलिंद जोशी अशोक आधुनिकसमीक्षा सिद्धांत, मौज प्रकाशन, मुंबई, २००७
- २१) मेश्राम, केशव व इतर; वाङ्मयीन प्रवृत्ती तत्त्वशोध, प्रतिमा प्रकाशन, २००७
- २२) रसाळ, सुधीर कविता आणि प्रतिमा, मौज प्रकाशन, मुंबई, १९८२
- २३) Bodkin,Maud, Archetypal Patterns in Poetry, Oxford, London, 1951
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- ३३) Lodge, David; 20th Century Literary Criticism, Longman, London, 1990
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Format of Syllabus

Programme Name : M.A.Marathi

Course Name : वर्णनात्मक भाषाविज्ञान

Descriptive Linguistics

Course code 51311

Total Credits : 04

Total Marks : 100

University assessment : 50

college assessment : 50

Course Objective

- १) वर्णनात्मक भाषाविज्ञान ही संकल्पना अभ्यासणे.
- २) भाषा स्वरूपविषयक सिद्धांतांचा अभ्यास करणे.
- ३) भाषेच्या घटकांचा अभ्यास करणे.
- ४) भाषेच्या प्रकारांचा अभ्यास करणे.

Course Outcomes

- १) वर्णनात्मक भाषाविज्ञान ही संकल्पना ज्ञात होईल.
- २) भाषाविषयक असलेल्या पाश्चात्य सिद्धान्तांचा आणि भाषा वैज्ञानिकांच्या सिद्धांतांचा परिचय होईल.
- ३) भाषेच्या घटकांचा परिचय झाल्याने भाषा ज्ञानात वाढ होईल.
- ४) व्यवहार भाषा, संपर्क भाषा, उपभाषा यांचा परिचय झाल्याने भाषेची व्यवस्था करणे शक्य होईल.

MODULE - I (श्रेयांकने २, व्याख्याने ३०)

घटक १

अ) वर्णनात्मक भाषा विज्ञानाची मूलतत्त्वे

आ) भाषा स्वरूपविषयक सिद्धांत

इ) सोस्यूर, ब्लूमफिल्ड, चॉम्स्की यांचा भाषाविचार

घटक २

अ) ध्वनिविचार – स्थान व प्रयत्नावर आधारित स्वनांचे वर्गीकरण.

आ) मानसस्वर, उच्चार व लेखन यांतील फरक, स्वनिक प्रतिलेखन.

इ) स्वनिमविचार – स्वन-स्वनिम -स्वनांतर, खंडात्मक व खंडाधिष्ठीत स्वनिम, मराठीचे स्वनिम.

MODULE - II(श्रेयांकने २, व्याख्याने ३०)

घटक ३

अ) पदविचार – रूपिका, रूपिम, रुपिकांतर या संकल्पनांचे प्रकारभेद, प्रक्रीयांसह स्पष्टीकरण.

आ) वाक्यविचार : प्रथमोपस्थितसंघटक, विश्लेषण पद्धतीचे स्वरूप, रचनांचे प्रकार, स्तर, वाक्यांचे पृथक्करण

इ) मराठीच्या वर्णनात्मक व्याकरणातील काही समस्या.

घटक ४

अ) व्यवहाराची भाषा

आ) संपर्क भाषा

इ) उपभाषा

परीक्षा पद्धती :

अ) अंतर्गत परीक्षा - एकूण गुण ५०

१) २० - २० गुणांसाठी दोन अंतर्गत परीक्षा

२) उपस्थिती, सादरीकरण आणि उपक्रमांमधील सहभाग : १० गुण

आ) सत्रान्त परीक्षा-एकूण गुण ५०

१) घटक १ व २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

२) घटक ३ व ४ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

३) घटक १, २, ३ व ४ यावर आधारित पर्यायासह २० गुणांसाठी चार (आठपैकी चार)टीपा.

संदर्भग्रंथसूची

- १) कानडे, मु.श्री., मराठीचा भाषिक अभ्यास, स्नेहवर्धक पब्लिक हाऊस, पुणे, १९९४
- २) कालेलकर, ना.गो. ध्वनिविचार, मौजप्रकाशनमुंबई, १९६०.
- ३) काळे, कल्याण व इतर (संपा.) आधुनिक भाषाविज्ञान, (संरचनावादी, सामान्य आणि सामाजिक), प्रतिमा प्रकाशन, पुणे, २००३, (दु.आ.)
- ४) काळे, कल्याण व इतर (संपा.) वर्णनात्मक भाषाविज्ञान-स्वरूप आणि पद्धती, गोखले एज्युकेशन, नासिक, १९८२.
- ५) गजेंद्रगडकर श्री.न., भाषा आणि भाषाशास्त्र, व्हीनसप्रकाशनपुणे, १९७९(दु.आ.).
- ६) गोविलकर, लीला, वर्णनात्मक भाषा विज्ञान, आरती प्रकाशन, डोंबिवली, १९९२
- ७) धोंगडे, रमेश, अर्वाचीन मराठी, कॉटीनेंटल प्रकाशन, पुणे, १९८३.
- ८) मालशे, मिलिंद, आधुनिक भाषाविज्ञान – सिद्धांत आणि उपयोजन, लोकवाग्मय गृह, मुंबई, १९९५
- ९) कालेलकर ना.गो. भाषा आणि संस्कृती, मौजप्रकाशन, मुंबई
- १०) केळकर, अशोक, मराठी भाषेचा आर्थिक संसार, मराठवाडा सा.प. औरंगाबाद.
- ११) ग्रामोपाध्ये, ग.ब. भाषाविचार आणि मराठी भाषा, व्हीनस प्रकाशन पुणे, १९७९, दु.आ.
- १२) दाते, य.रा., महाराष्ट्रशब्दकोश – प्रस्तावनाखंड, महाराष्ट्रकोश मंडळ लि.पुणे, १९३२.
- १३) मालसे. स.ग.व इतर (संपा.) भाषाविज्ञान ऐतिहासिक व वर्णनात्मक, पद्मगंधा प्रकाशन, पुणे, २००५.
- १४) Bloomfield, Leonard, Language, G.Allen and Unwin, London, 1967.
- १५) Grierson, G.A., Linguistic Survey of India, Vol.VIII, Vishessvarasan and Institute, Hoshiyarpur, 1976.
- १६) Hockett, Charless F.- A Course in Modern Linguistics, Macmillan, New York, 1958.

Programme Name : M.A.Marathi

Format of syllabus

Course Name : कालखंडाचा अभ्यास (१६०० ते १८१८)

Study of Periods (1600 to 1818)

Course code : 51411

Total Credits : 02

Total Mark :50

University assessment : 25

College assessment : 25

Course Objective

- १) शिवकाल आणि पेशवेकालाचे सामाजिक आणि सांस्कृतिक स्थितीगती जाणून घेणे .
- २) शिवकाल आणि पेशवेकाळातील साहित्याचा शोध घेणे.
- ३) शिवकाल आणि पेशवेकालातील मराठीच्या भाषा आणि साहित्याच्या निर्मितीमागील तत्त्वज्ञानाचा आणि सांप्रदायिक विचारांचा शोध घेणे.
- ४) पंथीय साहित्य आणि शाहिरी काव्य यांचा अभ्यास करणे.

Course Outcomes

- १) शिवकाल आणि पेशवेकाळातील सांस्कृतिक स्थितीगती ज्ञात होईल .
- २) शिवकाल आणि पेशवेकालातील गद्य आणि पद्य साहित्याचे महत्त्व अधोरेखित होईल.
- ३) वारकरी आणि समर्थ संप्रदायाच्या साहित्याची ओळख होईल.
- ४) शाहिरी आणि लावणी या साहित्याचे आकलन होईल.

MODULE –I(श्रेयांकने २, व्याख्याने ३०)

घटक १

अ) कालखंडाचा अभ्यास स्वरूप व संकल्पना

आ) शिवकाल : समाज व संस्कृती.

इ) पेशवेकाळ : समाज व संस्कृती.

घटक २

अ) शिवकालीन संप्रदाय

आ) शिवकालीन साहित्य

इ) वारकरी व समर्थ संप्रदाय परिचय.

परीक्षा पद्धती :

अ) अंतर्गत परीक्षा- एकूण गुण २५

१) १० – १० गुणांसाठी दोन अंतर्गत परीक्षा

२) उपस्थिती, सादरीकरण आणि उपक्रमांमधील सहभाग : ०५ गुण

आ) सत्रान्त परीक्षा-एकूण गुण २५

१) घटक १, २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

२) घटक १, २ यावर आधारित पर्यायासह १० गुणांसाठी दोन टिपा (चारपैकी दोन).

संदर्भ ग्रंथसूची

१. आचार्य, मा. ना. ; ज्ञानमयूरांची कविता, पुष्पा प्रकाशन, पुणे.

२. केतकर, श्री. व्यं.; महाराष्ट्रीयांचे काव्यपरीक्षण, व्हीनस प्रकाशन, पुणे, १९६४ (दु० आ०).

३. जोग, रा. श्री.; मराठी वाङ्मयाभिरुचीचे विहंगमावलोकन, पुणे विद्यापीठ, पुणे, १९५९.

४. जोग, रा. श्री.; मराठी वाङ्मयाचा इतिहास, खंड ३, (१६८१ ते १८००) महाराष्ट्र साहित्य परिषद, पुणे, १९७३.

५. तुळपुळे, शं. गो.; पाच संतकवी, सुविचार प्रकाशन मंडळ, पुणे, १९८४ (तृ० आ०).

६. तुळपुळे, शं. गो.; मराठी वाङ्मयाचा इतिहास, खंड १, (आरंभ ते १३५०) महाराष्ट्र साहित्य परिषद, पुणे, १९८४.

७. देशमुख, उषा मा.; कालखंडाचा अभ्यास, मुंबई विद्यापीठ, मराठी विभाग आणि स्नेहवर्धन प्रकाशन, पुणे,

८. नसिराबादकर, ल. रा.: प्राचीन मराठी वाङ्मयाचा इतिहास, फडके प्रकाशन, कोल्हापूर, १५ ०५.

९. पाध्ये, दिगंबर; साहित्य, समाज आणि संस्कृती, मराठी विभाग, मुंबई विद्यापीठ आणि लोकवाङ्मय गृह, मुंबई, १९९८.

१०. फाटक, न. र.; एकनाथ: यक्ती आणि वाङ्मय, मौज प्रकाशन, मुंबई, १९६३.

११. बडवे, नानासाहेब, एकनाथांची भारूडे, भाग १. श्रीएकनाथ संशोधन मंदिर, औरंगाबाद, १९६८.

१२. बडवे, नानासाहेब एकनाथांची भारूडे, भाग २, श्रीएकनाथ संशोधन मंदिर, औरंगाबाद, १९७८.

१३. भावे, वि. ल., महाराष्ट्र सारस्वत, खंड १, पॉप्युलर प्रकाशन, मुंबई, १९८३ (स०आ०).

१४. भावे, वि. ल.; महाराष्ट्र सारस्वत, खंड २, पॉप्युलर प्रकाशन, मुंबई, १९८३ (स०आ०).

१५. भिंगारे, ल. म.; मुक्तमयुरांची महाभारते, मराठवाडा साहित्य परिषद, हैद्राबाद, १९५६.

१६. मालशे, स. गं.; मराठी वाङ्मयाचा इतिहास, खंड २, भाग १, (१३५० ते १६८०) महाराष्ट्र साहित्य परिषद, पुणे,

१९८२.

१७. मालशे, स. गं.; मराठी वाङ्मयाचा इतिहास, खंड २, भाग २, (१३५० ते १६८०) महाराष्ट्र साहित्य परिषद, पुणे,

१९८२.

१८. शेणोलीकर, ह. श्री.; प्राचीन मराठी वाङ्मयाचा इतिहास, मोघे प्रकाशन, कोल्हापूर, १९७१.

१९. सरदार, गं. बा.; संत साहित्याची सामाजिक फलश्रुती, महाराष्ट्र साहित्य परिषद, पुणे, १९७० (ति० आ०)..

२०. साखरे, नानामहाराज, सकलसंतगाथा, खंड १ ते ३, वरदा प्रकाशन, पुणे, १९६७.

Format of syllabus

Programme Name :M.A. Marathi

Course Name : ग्रामीण साहित्य

Gramin Sahitya

Course code : 51511

Total Credits : 04

Total Mark :100

University assessment : 50

College assessment : 50

Course Objective

- १) ग्रामीण समाज आणि संस्कृतीचा परिचय करून देणे.
- २) ग्रामीण चळवळी आणि साहित्य यांचा अनुबंध तपासणे.
- ३) ग्रामीण साहित्यिकांनी हाताळलेले रचनाबंध लक्षात घेणे.
- ४) ग्रामीण साहित्यिकांनी केलेले समाज विश्लेषण तपासणे.

Course Outcomes

- १) ग्रामीण साहित्याची संकल्पना स्पष्ट होईल.
- २) ग्रामीण साहित्य निर्मिती मागील तत्त्वविचार लक्षात येईल.
- ३) प्रवाहांच्या साहित्यातील ग्रामीण साहित्याचे महत्त्व अधोरेखित होईल.

MODULE 1 : (श्रेयांकने २, व्याख्याने ३०)

घटक – १

अ) ग्रामीण समाज व संस्कृती

आ) ग्रामीण भागातील चळवळी

इ) ग्रामीण जीवन : आंतरसंबंध, व्यवसायाचे स्वरूप

घटक – २

अ) ग्रामीण साहित्याची संकल्पना व स्वरूप

आ) ग्रामीण साहित्य चळवळ

इ) ग्रामीण साहित्य : निर्मिती प्रेरणा

MODULE II : (श्रेयांकने २, व्याख्याने ३०)

घटक – ३

- अ) स्वातंत्र्यपूर्व काळातील ग्रामीण साहित्य
- आ) स्वातंत्र्योत्तर ग्रामीण साहित्य
- इ) ग्रामीण साहित्याने हाताळलेले रचनाबंध

घटक – ४

- अ) ग्रामीण कथा व कादंबरी (स्थूल परिचय)
- आ) खुरपं – सुचिता घोरपडे
- इ) विजेने चोरलेले दिवस – संतोष जगताप

परीक्षा पद्धती :

अ) अंतर्गत परीक्षा - एकूण गुण ५०

१) २० - २० गुणांसाठी दोन अंतर्गत परीक्षा

२) उपस्थिती, सादरीकरण आणि उपक्रमांमधील सहभाग : १० गुण

आ) सत्रान्त परीक्षा-एकूण गुण ५०

१) घटक १ व २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

२) घटक ३ व ४ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.

३) घटक १, २, ३ व ४ यावर आधारित पर्यायासह २० गुणांसाठी चार (आठपैकी चार)टीपा.

संदर्भग्रंथसूची

- १) यादव, आनंद; ग्रामीण साहित्य स्वरूप आणि वास्तवता.
- २) यादव, आनंद; मराठी साहित्य समाज आणि संस्कृती.
- ३) भोळे, भा. ल. महात्मा फुले विचार आणि वारसा.
- ४) भोसले, द. ता. ग्रामीण साहित्य एक चिंतन.
- ५) वाघमारे, जनार्दन साहित्यचिंतन.
- ६) कोत्तापले, नागनाथ, ग्रामीण साहित्य स्वरूप आणि शोध.
- ७) मुलाटे, वासुदेव; ग्रामीण कथा स्वरूप आणि विकास.
- ८) पवार, गो. मा. व हातकणंगलेकर, म. द.; मराठी साहित्य प्रेरणा व स्वरूप.

Format of Syllabus

Programme Name : एम. ए. मराठी

Course Name : प्रसारमाध्यमांसाठी लेखन कौशल्ये

Writing Skills for the Media

Course code : 51613

On job Training / Apprenticeship

FP Field Project

Total Credits : 04

Total Marks : 100

University assessment : 50

Department assessment : 50

CourseObjective

- १) प्रसारमाध्यमांचे स्वरूप आणि व्याप्ती यांचा अभ्यास करणे
- २) मुद्रित प्रसारमाध्यमांचे लेखन कौशल्य प्राप्त करणे
- ३) दृक आणि श्राव्य प्रसारमाध्यमांचा अभ्यास करून नभोवाणी माध्यमासाठी लेखन तंत्र अवगत करणे
- ४) दूरचित्रवाणी प्रसारमाध्यमांसाठी लेखन तंत्र कौशल्य प्राप्त करणे

Course outcome

- १) प्रसारमाध्यमांचे स्वरूप आणि व्याप्ती यांचे महत्त्व अवगत होईल.
- २) मुद्रित प्रसारमाध्यमांचे लेखन कौशल्य प्राप्त होईल.
- ३) दृक आणि श्राव्य प्रसारमाध्यमांचा अभ्यास केल्याने नभोवाणी माध्यमासाठी लेखन तंत्र अवगत होईल.
- ४) दूरचित्रवाणी प्रसार माध्यमांच्या अभ्यासामुळे लेखन तंत्र विकसित होईल.

MODULE 1 : (श्रेयांकने २, व्याख्याने ३०)

घटक १:

- अ) प्रसार माध्यमांचे स्वरूप आणि व्याप्ती
- आ) प्रसारमाध्यमे विकास आणि जडणघडण, समाज आणि संस्कृती अनुबंध
- इ) पारंपरिक मौखिक आणि लिखित प्रसारमाध्यमे स्वरूप आणि वैशिष्ट्ये

घटक २

- अ) मुद्रित प्रसारमाध्यमे : वृत्तपत्रे आणि नियतकालिके
- आ) मुद्रित प्रसारमाध्यमात ग्रंथपरीक्षण, चित्रपटपरीक्षण, नाट्यपरीक्षण, वैचारिक लेखांचे महत्त्व
- इ) मुद्रित प्रसार माध्यमांसाठी लेखन तंत्र

MODULE 2 : (श्रेयांकने २, व्याख्याने ३०)

घटक - ३

- अ) दृक आणि श्राव्य प्रसारमाध्यमे : नभोवाणी माध्यमाचे स्वरूप व प्रकार
- आ) श्राव्य माध्यमातील कार्यक्रमाचे विविध प्रकार
- इ) नभोवाणी प्रसार माध्यमांसाठी बातमी लेखन आणि श्रुतिका लेखन तंत्र

घटक - ४

- अ) दूरचित्रवाणी माध्यमाचे स्वरूप,प्रकार आणि प्रभाव
- आ) दूरचित्रवाणी प्रसारमाध्यमांसाठी लेखन तंत्र
- इ) दूरचित्रवाणी माध्यमासाठी मालिका लेखन तंत्र

परीक्षा पद्धती :

- अ) अंतर्गत परीक्षा - एकूण गुण ५०
 - १) ३० गुणांसाठी प्रकल्प लेखन
 - २) १० गुण प्रकल्प सादरीकरण
 - ३) १० गुण उपस्थिती, आणि उपक्रमांमधील सहभाग
- आ) सत्रान्त परीक्षा-एकूण गुण ५०
 - १) घटक १ व २ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.
 - २) घटक ३ व ४ यावर आधारित पर्यायासह १५ गुणांसाठी एक दीर्घोत्तरी प्रश्न.
 - ३) घटक १, २, ३ व ४ यावर आधारित पर्यायासह २० गुणांसाठी चार (आठपैकी चार)टीपा.

संदर्भ ग्रंथसूची

१. देव, सदाशिव, कोशवाडू, मय विचार आणि व्यवहार, सुवर्ण प्रकाशन, २००२.
२. मराठी अभ्यास परिषद पत्रिका, 'भाषा आणि जीवन', त्रैमासिक.
३. नसिराबादकर, ल. रा. व्यावहारिक मराठी.
४. गर्गे, स. मा., पत्र आणि पत्रकारिता, मानसन्मान प्रकाशन, १९९९.
५. धारूरकर वि. ल., दूरदर्शन आणि लोकसंस्कृती, रामराज्य प्रकाशन, औरंगाबाद
६. धारूरकर वि. ल., शोध माध्यमांचा, शुभदा प्रकाशन, औरंगाबाद
७. धारूरकर वि. ल., जनसंवाद सिद्धान्तन, चैतन्य प्रकाशन, औरंगाबाद
८. पुरी सुरेश, जनसंपर्क संकल्पना आणि सिद्धांत, विमुक्तजन प्रकाशन, औरंगाबाद

UNIVERSITY OF MUMBAI**Syllabus for Approval**

Sr. No.	Heading	Particulars
1	Title of the Course	T.Y.B.A. (MARATHI)
2	Eligibility for Admission	S.Y.B.A. Pass
3	Passing Marks	40
4	Ordinances / Regulations (if any)	Nil
5	No. of Years / Semesters	01 (Two Semester)
6	Level	U.G.
7	Pattern	Semester
8	Status	Revised
9	To be implemented from Academic Year	From Academic Year 2021-22

Name & Signature of BOS Chairperson :

Name & Signature of Dean: _____

UNIVERSITY OF MUMBAI



Revised Syllabus

(Choice Based Credit System, CBCS)

Sem. V & Sem. VI

Program: B.A.

Course: Marathi

From 2021-22

मुंबई विद्यापीठ

तृतीय वर्ष बी.ए.

मराठी

अभ्यासक्रम (CBCS)

Course Code	Core Course	No of Credits
सत्र ५ वे		
UAMAR ५०१	अभ्यासपत्रिका क्र. ४. मध्ययुगीन मराठी वाङ्मयाचा इतिहास भाग १	४
UAMAR ५०२	अभ्यासपत्रिका -५ भारतीय साहित्यविचार	४
UAMAR ५०३	अभ्यासपत्रिका ६. साहित्य आणि समाज भाग १	३
UAMAR ५०४	अभ्यासपत्रिका क्र. ७ भाषाविज्ञान	४
UAMAR ५०५	अभ्यासपत्रिका क्र. ८ आधुनिक मराठी साहित्य,	४
UAMAR ५०६	अभ्यासपत्रिका क्र. ९ भाषांतर कौशल्य	३
सत्र ६ वे		
UAMAR ६०१	अभ्यासपत्रिका क्र. ४. मध्ययुगीन मराठी वाङ्मयाचा इतिहास भाग २	४
UAMAR ६०२	अभ्यासपत्रिका -५ पाश्चात्य साहित्यविचार	४
UAMAR ६०३	अभ्यासपत्रिका ६. साहित्य आणि समाज भाग २	३
UAMAR ६०४	अभ्यासपत्रिका क्र. ७ मराठी व्याकरण	४
UAMAR ६०५	अभ्यासपत्रिका क्र. ८ उत्तर आधुनिक मराठी साहित्य,	४
UAMAR ६०६	अभ्यासपत्रिका क्र. ९ व्यावसायिक मराठी	३

अभ्यासपत्रिका क्र. ४. मध्ययुगीन मराठी वाङ्मयाचा इतिहास भाग १
सत्र - ५वे (श्रेयांकने-४) व्याख्याने -६०

उद्दिष्टे (Objective)

- १) मध्ययुगीन वाङ्मयीन इतिहासाचा परिचय करून देणे
- २) मध्ययुगीन कालखंडातील वाङ्मय निर्मिती प्रेरणा व सांस्कृतिक पार्श्वभूमीचा उलगडा करणे
- ३) मध्ययुगीन कालखंडातील वाङ्मयीन परंपरा, रचना प्रकार व ग्रंथकारांची माहिती करून घेणे
- ४) मध्ययुगीन कालखंडातील मराठी भाषेचे स्वरूप स्पष्ट करणे
- ५) वारकरी संप्रदायातील प्रमुख संतकवींच्या काव्यनिर्मितीचे स्वरूप जाणून घेऊन त्यांची वैशिष्ट्ये लक्षात घेणे
- ६) पंडिती काव्याचे स्वरूप समजावून घेणे

घटक -१ मराठी साहित्याची सुरुवात व महानुभावीयवाङ्मय

अ) मराठी साहित्याची सुरुवात - मराठी : देशीभाषा म्हणून ८, ९वे शतक परिचय , मराठीतील आद्यग्रंथ : चर्चा, शिलालेख, ताम्रपट यावरील मराठी लेखन. – थोडक्यात परिचय

ब) महानुभाव संप्रदायाची ठळक वैशिष्ट्ये : व्दैती तत्त्वज्ञान, पंचकृष्ण, चक्रधरांचे व्यक्तिमत्त्व, मराठीचा स्वीकार व आग्रह, सांकेतिक लिपी.

महानुभावीय वाङ्मय : चरित्रग्रंथ , तत्त्वज्ञानग्रंथ, सातीग्रंथ, स्फुट गद्य-पद्य-धवळे, टीकाग्रंथ, व्याकरणग्रंथ.

घटक -२ वारकरी पंथीयांचे वाङ्मय -

अ) यादवकालीन महाराष्ट्रात वारकरी पंथाची प्रस्थापना, पंढरीचा भक्तिसंप्रदाय हा महाराष्ट्रातील प्रमुख वारकरी संप्रदाय म्हणून तेराव्या शतकात धार्मिक, सामाजिक व साहित्यिक दृष्ट्या प्रभावी.

ब) ज्ञानदेव-नामदेव व त्यांच्या प्रभावळीतील इतरांचे वाङ्मय.

घटक ३ वारकरी पंथीयांचे वाङ्मय -

अ) बहामनी राजवट, एकनाथकालीन महाराष्ट्र, तमोयुग, एकनाथ, एकनाथपंचक यांचे वाङ्मय

ब) शिवकालीन महाराष्ट्र – स्वराज्य प्रेरणा. तुकाराम, तुकारामाचे शिष्य यांचे वाङ्मय

घटक ४ पंडिती काव्य-

अ) पंडिती काव्याची स्वरूपवैशिष्ट्ये, पंडिती काव्याचे गुणदोष चर्चा

ब) पंडित कवी- मुक्तेश्वर, मोरोपंत, रघुनाथ पंडित, सामराज, निरंजनमाधव, वामनपंडित, नागेश, विठ्ठल

सत्रान्त परीक्षा (गुण १००)

- प्रश्न १. घटक १ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न २. घटक २ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न ३. घटक ३ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न ४. घटक ४ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न ५. सर्व घटकांवर आधारित दोन टीपा (पर्यायासह) गुण २०

साध्ये (Outcome)

- १) प्राचीन मराठी वाङ्मयाच्या इतिहासाची माहिती होईल
- २) प्राचीन मराठी वाङ्मयाचे रचना प्रकार समजतील
- ३) मराठी भाषेबद्दल अभिमान निर्माण होईल

संदर्भ ग्रंथ-

- १) जोग, रा.श्री. व इतर (संपा.) मराठी वाङ्मयाचा इतिहास- खंड ३, महाराष्ट्र साहित्य परिषद, पुणे, प.आ. १९७३.
- २) तुळेपुळे, शं.गो., पाच संतकवी, सुविचार प्रकाशन मंडळ, पुणे, १९८४, (ति.आ.)
- ३) तुळेपुळे, शं. गो. व इतर (संपा.) मराठी वाङ्मयाचा इतिहास- खंड १, महाराष्ट्र साहित्य परिषद, पुणे, प.आ. १९८४.
- ४) मालशे, सं.गं. व इतर (संपा.) मराठी वाङ्मयाचा इतिहास- खंड २ भाग १ व भाग २, महाराष्ट्र साहित्य परिषद, पुणे, प.आ. १९८२.
- ५) भावे, वि.ल. महाराष्ट्र सारस्वत, पॉप्युलर, मुंबई, आ. ५ वि १९६३.
- ६) धोंड, म. वा., (संपा.) मज्हाटी लावणी, मौज, मुंबई १९५६.
- ७) शेणोलीकर, ह. श्री., प्राचीन मराठी वाङ्मयाचे स्वरूप, मोघे प्रकाशन, कोल्हापूर, १९७१.
- ८) सहस्रबुद्धे, म. ना., मराठी शाहिरी वाङ्मय, ठोकळ पुणे, १९६१.
- ९) सरदार गं.बा., संत साहित्याची सामाजिक फलश्रुती, म. सा.प., पुणे १९७० (ति.आ.)

अभ्यासपत्रिका क्र. ४. मध्ययुगीन मराठी वाङ्मयाचा इतिहास भाग २
सत्र - ६वे (श्रेयांकने-४) व्याख्याने -६०

उद्दिष्टे (Objective)

- १) शाहिरी वाङ्मयाचा परिचय करून घेणे-
- २) इतर धर्मियांनी केलेल्या वाङ्मयीन निर्मितीचा परिचय करून घेणे
- ३) वेगवेगळ्या पंथाचे वाङ्मयाचा परिचय करून घेणे
- ४) बखर वाङ्मय निर्मितीचा परिचय करून घेऊन त्याची ठळक वैशिष्ट्ये जाणून घेणे
- ५) मध्ययुगीन कालखंडातील प्रमुख संप्रदाय व ग्रंथ निर्मिती यांचा अनुबंध स्पष्ट करणे

घटक -१ शाहिरी वाङ् मय-

- अ) लावणी, पोवाडे, या काव्य प्रकारांची स्वरूप वैशिष्ट्ये.
- ब) काही लावणीकार- होनाजी बाळा, रामजोशी, प्रभाकर, अनंत फंदी, परशराम या शाहिरींचा व त्यांच्या साहित्याचा परिचय.

घटक -२ महानुभाव व वारकरी यांखेरीज इतर पंथीयांचेवाङ् मय

- अ) नाथ, दत्त या पंथातील वाङ् मयाचे स्वरूप.
- ब) समर्थ, लिंगायत या पंथातील वाङ् मयाचे स्वरूप

घटक - ३ हिंदू धर्माखेरीज इतर धर्मियांनी केलेलीवाङ् मयनिर्मिती

- अ) ख्रिस्ती धर्मियांनी केलेली वाङ् मयनिर्मिती
(ख्रिस्ती -फादर स्टीफन्स, क्रुआँ, सालंदाज, पाद्री अल्मैद)
- ब) इस्लामी धर्मियांनी केलेली वाङ् मयनिर्मिती
(इस्लामी - मुंतोजी (मृत्युंजय), हुसेन अंबरखान, शेख महमंद, शहामुनी)

घटक - ४ बखर गद्याची स्वरूप वैशिष्ट्ये

- अ) बखरी- शिवपूर्वकालीन - महिकावतीची उर्फ माहीमची बखर, राक्षसतागडीची लढाई.
बखरी- शिवकालीन- शिवछत्रपतींचे चरित्र- कृष्णाजी अनंत सभासद, चित्रगुप्तविरचित शिवाजी महाराजांची बखर, श्री छत्रपतींची ९१ कलमी बखर - दत्तोत्रिमल वाकेनिस, मल्हार रामराव चिटणीस विरचित श्री शिवछत्रपतींचे सप्तप्रकरणात्मक चरित्र.
- ब) बखरी - पेशवेकालीन- नाना फडणवीसाचे आत्मचरित्र, श्री रामदास स्वामींचे चरित्राची बखर उर्फ हनुमंत स्वामीची बखर, पेशव्यांची बखर, कृष्णाजी विनायक सोहनी, पानिपतची बखर- रघुनाथ यादव, भाऊसाहेबांची बखर-कृष्णाजी शामराव, खडर्यांच्या स्वारीची बखर.

सत्रान्त परीक्षा (गुण १००)

- प्रश्न १. घटक १ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न २. घटक २ वर आधारित प्रश्न (पर्यायासह) गुण २०

- प्रश्न ३. घटक ३ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न ४. घटक ४ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न ५. सर्व घटकांवर आधारित दोन टीपा (पर्यायासह) गुण २०

साध्ये (Outcome)

- १) शाहिरी वाङ्मयाचा परिचय होईल
- २) बखर वाङ्मयाचा परिचय होईल
- ३) वेगवेगळ्या पंथाचे वाङ्मयाचे स्वरूप लक्षात येईल
- ४) वेगवेगळ्या धर्मीयांनी केलेल्या वाङ्मय निर्मितीचा परिचय होईल
- ५) मध्युगीन वाङ्मयाचे स्वरूप स्पष्ट होईल.

अभ्यासपत्रिका -५
भारतीय साहित्यविचार

सत्र - ५ वे (श्रेयांकने-४) व्याख्याने-६०

उद्दिष्टे (Objective)

- १) भारतीय साहित्याचे स्वरूप आणि सिद्धांत समजावून देणे
- २) साहित्य भाषेचे स्वरूप व कार्य समजावून घेणे
- ३) साहित्याची निर्मिती प्रक्रिया व प्रयोजन समजावून घेणे

घटक -१ भारतीय साहित्यशास्त्र: संकल्पना व सिद्धांत-(१)

- १ अलंकारविचार, वक्रोक्तीविचार
- २ रितीसिद्धांत, ध्वनिसिद्धांत
- ३ औचित्य विचार

घटक-२ भारतीय साहित्यशास्त्र : साहित्याचा आस्वाद.

- १ भरताचा रससिद्धांत
- रससिद्धांताचे भाष्यकार : १. भट्टलोल्लट
२. श्रीशंकुक
३. भट्टनायक
४. अभिनवगुप्त

घटक-३ भारतीय साहित्यशास्त्र : साहित्य भाषेचे स्वरूप व कार्य

१. शब्दशक्ती : अभिधा, लक्षणा व व्यंजना.
२. वृत्त, छंद, मुक्तछंद.

घटक - ४ भारतीय साहित्यशास्त्र : निर्मिती प्रक्रिया व प्रयोजन विचार

१. साहित्य निर्मिती मागील कारणे: प्रतिभा, व्युत्पत्ती व अभ्यास.
२. साहित्याची प्रयोजने : भरत ते अभिनवगुप्त

सत्रान्त परीक्षा - गुण १००

- प्रश्न १. घटक १ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न २. घटक २ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न ३. घटक ३ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न ४. घटक ४ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न ५. सर्व घटकांवर आधारित दोन टीपा (पर्यायासह) गुण २०

साध्ये (Outcome)

- १) भारतीय साहित्य विचाराचा परिचय होईल
- २) भारतीय साहित्य आस्वाडची प्रक्रिया समजेल
- ३) भारतीय साहित्याची निर्मिती प्रक्रिया व प्रयोजनाचा परिचय होईल.

संदर्भ ग्रंथ-

- १ कंगले, र.प.,(संपा.) काव्यशास्त्र, मौज प्रकाशन, मुंबई १९७४
- २ कंगले, र.प.,(संपा.) रस-भाव-विचार, महाराष्ट्र राज्य साहित्य संस्कृती मंडळ मुंबई, १९७३
- ४ कुलकर्णी वा.ल.,साहित्य स्वरूप आणि समीक्षा, पॉप्युलर, मुंबई १९७५
- ५ गाडगीळ. स.रा., काव्यशास्त्रप्रदीप, व्हीनस, पुणे (सहावी आवृत्ती), २००३
- ६ देशपांडे, ग. त्र्यं., भारतीय साहित्यशास्त्र, पॉप्युलर, मुंबई (ति.आ.) १९८०
- ७ नेमाडे भालचंद्र, साहित्याची भाषा, साकेत, औरंगाबाद, १९८७
- ८ पाटणकर, रा. भा., सौंदर्यमीमांसा, मौज, मुंबई (ति.आ.) २००४
- ९ पाटणकर, वसंत, साहित्यशास्त्र : स्वरूप आणि समस्या पद्मगंधा, पुणे, २००६.
- १० पाटील, गंगाधर, समीक्षेची नवी रूपे, मॅजेस्टीक, मुंबई १९८१
- ११ मालशे, मिलिंद, आधुनिक, भाषा विज्ञान : सिद्धांत आणि उपयोजन. लोकवाङ् मयगृह, मुंबई. १९९५
- १२ रसाळ, सुधीर, कविता आणि प्रतिमा, मौज, मुंबई १९८२
- १३ गणोरकर, प्रभा, डहाके वसंत आबाजी व इतर, (संपा.) वाङ् मयीन संज्ञा संकल्पना कोश, ग.रा. भटकळ फाऊंडेशन, मुंबई, २००१
- १४ राजाध्यक्ष, विजया व इतर, (संपा.) मराठी वाङ् मयकोश, खंड ४, (समीक्षा संज्ञा), महाराष्ट्र राज्य साहित्य संस्कृती मंडळ, मुंबई, २००२
- १५ साहित्यशास्त्र उदभव आणि विकास : पांडुरंग वामन काणे
- १६ प्राचीन काव्यशास्त्र : र.रा. कंगले
- १७ प्राचीन काव्यशास्त्र : डॉ. स.रा. गाडगीळ
- १८ साहित्य स्वरूप आणि समीक्षा : वा.ल कुलकर्णी
- १९ भारतीय साहित्यविचार : प्रा. ब.लु. सोनार
- २० भारतीय साहित्यविचार : ग.त्र्यं. देशपांडे
- २१ अभिनव काव्यप्रकाश : रा.श्री. जोग

सत्र -६ वे (श्रेयांकने-४) व्याख्याने-६०
पाश्चात्य साहित्य विचार

उद्दिष्टे (Objective)

- १) पाश्चात्य साहित्याचे स्वरूप समजावून घेणे
- २) पाश्चात्य साहित्य विचारात साहित्याच्या भाषेचे स्वरूप समजावून घेणे
- ३) साहित्याची निर्मिती प्रक्रिया व प्रयोजन समजावून घेणे
- ४) साहित्याच्या आस्वादाचे सिद्धांत समजावून घेणे

घटक - १ पाश्चात्य साहित्य विचार : साहित्याचे स्वरूप

१ अनुकृती सिद्धांत : प्लेटो व अँरिस्टॉटल

२ पाश्चात्यांनी केलेल्या काव्यव्याख्या : वर्डस्वर्थ, कोलरीज. कोर्टहॉप, एडगर अलन पो, अर्नोल्ड.

घटक -२ पाश्चात्य साहित्य विचार : साहित्याची भाषा

१. रूपक, प्रतिक व प्रतिमा

२. अनेकार्थता, नियामोल्लंघन, अपरिचीतीकरण.

घटक -३ पाश्चात्य साहित्य विचार : साहित्याची निर्मिती प्रक्रिया व प्रयोजन विचार

१ कोलरिजचा कल्पनाशक्तीचा व चमत्कृतीशक्तीचा सिद्धांत.

२ आत्मविष्कार, जीवनभाष्य, सामाजिक बांधिलकी (माक्सवादी विचारासह) ही प्रयोजने.

घटक-४ पाश्चात्य साहित्य विचार : साहित्याचा आस्वाद

१ अँरिस्टॉटलच्या कॅथार्सिसचा सिद्धांत.

२ रिचर्ड्सचा प्रेरणा संतुलनाचा सिद्धांत.

सत्रान्त परीक्षा – गुण १००

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|---|--------|
| प्रश्न १. घटक १ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न २. घटक २ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ३. घटक ३ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ४. घटक ४ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ५. सर्व घटकांवर आधारित दोन टीपा (पर्यायासह) | गुण २० |

साध्ये (Outcome)

- १) पाश्चात्य साहित्य विचारांचा परिचय होईल
- २) पाश्चात्य साहित्याच्या निर्मिती प्रक्रिया व प्रयोजन विचाराचा परिचय होईल
- ३) पाश्चात्य साहित्याच्या आस्वाद घेण्याच्या पद्धती समजतील

संदर्भ ग्रंथ-

- १ करंदीकर, गो.वि., (भाषांतर) ॲरिस्टॉटलचे काव्यशास्त्र, मौज, मुंबई १९७८
- २ नेमाडे भालचंद्र, साहित्याची भाषा, साकेत, औरंगाबाद, १९८७
- ३ पाटणकर, वसंत, साहित्यशास्त्र : स्वरूप आणि समस्या पद्मगंधा, पुणे, २००६.
- ४ पाटील, गंगाधर, समीक्षेची नवी रूपे, मॅजेस्टीक, मुंबई १९८१
- ५ मालशे, मिलिंद, आधुनिक, भाषा विज्ञान : सिद्धांत आणि उपयोजन. लोकवाङ् मयगृह, मुंबई. १९९५
- ६ गणोरकर, प्रभा, डहाके वसंत आबाजी व इतर, (संपा.) वाङ् मयीन संज्ञा संकल्पना कोश, ग.रा. भटकळ फाऊंडेशन, मुंबई, २००१
- ७ राजाध्यक्ष, विजया व इतर, (संपा.) मराठी वाङ् मयकोश, खंड ४, (समीक्षा संज्ञा), महाराष्ट्र राज्य साहित्य संस्कृती मंडळ, मुंबई, २००२
- ८) पाश्चात्य साहित्यविचार : भालचंद्र खांडेकर, लीला गोविलकर
- ९) पाश्चात्य साहित्यविचार : प्रा. ब.लु. सोनार

अभ्यासपत्रिका ६.
साहित्य आणि समाज भाग १
सत्र -५ वे तासिका ४५ श्रेयांकने ३

उद्दिष्टे (Objective)

- १) साहित्य आणि समाज यांचा अनोन्य संबंध तपासणे
- २) महानगरीय साहित्याच्या जाणीव समजावून घेणे
- ३) ग्रामीण साहित्याच्या जाणीव समजावून घेणे
- ४) निवडक कलाकृतीच्या आधारे वाङ्मयीन प्रवृत्तीचा शोध घेणे

घटक १ साहित्य - समाज अनोन्य संबंध (तासिका १५) श्रेयांकन १

अ) साहित्य, समाजसंस्कृती या संकल्पना व त्यांच्या परस्परसंबंधाचे स्वरूप

ब) साहित्य- समाज संबंध - तेन , मार्क्स यांचे सिद्धांत , मानवतावाद, मार्क्सवाद, स्त्रीवाद, आंबेडकरवाद यांचे स्वरूप विशेष

घटक २ महानगरी जाणिवेचे साहित्य (तासिका १५) श्रेयांकन १

अ) महानगरी जाणिवेचे साहित्य संकल्पना व मराठीतील परंपरा

ब) क्रमशः : महेश केळूसकर मनोविकास प्रकाशन, पुणे

घटक -३ ग्रामीण साहित्य (तासिका १५) श्रेयांकने १

अ) ग्रामीण साहित्य- संकल्पना व मराठीतील परंपरा

ब) धग असतेच आसपास : कल्पना दुधाळ, लोकवाङ्मय गृह, मुंबई

घटक ४ प्रकल्प अहवाल – संबंधित विषयावर २० गुणांचे प्रकल्प लेखन
श्रेयांकन १

सत्रान्त परीक्षा (गुण ८०)

- प्रश्न १. घटक १ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न २. घटक २ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न ३. घटक ३ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न ४. सर्व घटकांवर आधारित दोन टीपा (पर्यायासह) गुण २०

साध्ये (Outcome)

- १) साहित्य व समाज यांच्या अनोन्य संबंधाचा परिचय होईल
- २) महानगरीय व ग्रामीण जाणिवेच्या साहित्याचा व समाजाचा अनोन्य संबंध लक्षात येईल
- ३) निवडक कलाकृतीच्या आधारे विविध वाङ्मयीन प्रवाहाचा परिचय होईल

संदर्भ ग्रंथ-

- १) मराठी वाङ् मयाचा इतिहास – खंड ५, भाग १ – संपादक – रा. श्री. जोग म.सा. परिषद, पुणे, १९७३.
- २) कादंबरीविषयी – हरिश्चंद्र थोरात. पद्मगंधा प्रकाशन, पुणे, २००६.
- ३) टीकास्वयंवर - भालचंद्र नेमाडे, साकेत प्रकाशन, औरंगाबाद, १९९०.
- ४) कादंबरी - एक साहित्यप्रकार - हरिश्चंद्र थोरात, शब्द पब्लिकेशन्स मुंबई, २०१०.
- ५) मराठी वाङ् मय कोश-खंड ४, (समीक्षा संज्ञा), समन्वयक संपादक- डॉ. विजया राजाध्यक्ष, महाराष्ट्र राज्य साहित्य संस्कृती मंडळ, मुंबई, २००२ ,
- ६) वाङ् मयीन संज्ञा-संकल्पना कोश- संपादक, प्रभा गणोरकर, वसंत आबाजी डहाके व इतर, पॉप्युलर प्रकाशन, मुंबई, २००९.
- ७) ग्रामीण साहित्य: स्वरूप आणि समस्या- आनंद यादव, मेहता पब्लिशिंग हाउस, १९७९.
- ८) ग्रामीणता-साहित्य आणि वास्तव - आनंद यादव, मेहता पब्लिशिंग हाऊस, १९८९.
- ९) धार आणि काठ -नरहर कुरुंदकर, १९७१.

सत्र सहावे अभ्यासपत्रिका -६
साहित्य आणि समाज भाग २
(तासिका ६०) श्रेयांकने ४

उद्दिष्टे (Objective)

- १) समाजातील सामाजिक स्थित्यातराचा आणि साहित्याचा संबंध जाणून घेणे
- २) दलित साहित्याचे स्वरूप, वैशिष्ट्ये समजावून घेणे
- ३) स्त्रीवादी जाणिवेच्या साहित्याची वैशिष्ट्ये समजावून घेणे
- ४) निवडक कलाकृतीच्या आधारे वाङ्मयीन प्रवाह समजावून घेणे

घटक -१ सामाजिक स्थित्यंतरे आणि मराठी साहित्य (तासिका १५) श्रेयांकने १

- अ) महाराष्ट्रातील सामाजिक स्थित्यंतरे व मराठी साहित्य – मागोवा
- ब) साहित्य- समाज संबंध- १) ललित वाङ्मयातील सामाजिक जाणिवेचे स्वरूप : शरदचंद्र मुक्तिबोध, साहित्य विचार आणि समाजचिंतन. २) दलित जाणिवेचे स्वरूप - म.ना वानखेडे यांच्या लेखाधारे

घटक -२ दलित साहित्य (तासिका १५) श्रेयांकने १

- अ) दलित साहित्य : संकल्पना व मराठीतील परंपरा
- ब) भाई तुम्ही कुठे आहात ! : ऋषिकेश कांबळे, चिन्मय प्रकाशन, औरंगाबाद

घटक ३ स्त्रीवादी जाणिवेचे साहित्य (तासिका १५) श्रेयांकने १

- अ) स्त्रीवादी साहित्याची संकल्पना व मराठीतील परंपरा
- ब) निवडलेल्या स्त्रीवादी कथांचा अभ्यास

- १) गौरी देशपांडे – पाऊस आला मोठा (आहे हे अस आहे)
- २) सानिया – दुष्काळ (अशी वेळ)
- ३) प्रिया तेंडूलकर – खेळ मांडियला (तिहार)
- ४) उर्मिला पवार – सुटे गिऱ्हाण (हातचा एक)
- ५) मेघना पेठे – आहे कुछ अन्न (आंधळ्याच्या गायी)
- ६) नीरजा – महिषासुरमर्दिनी (ओल हरवलेली माती)
- ७) प्रज्ञा दया पवार – आईच्या नावान (मिळून साऱ्या जणी मासिक)
- ८) प्रतिमा जोशी – दरी (जहन्नम)
- ९) मनस्विनी लता रवींद्र – माझ्या जन्माची गोष्ट (ब्लॉगच या आरशा पल्याड)
- १०) वंदना महाजन – निर्वाणाची स्वगते (वसा दिवाळी अंक)

घटक -४ प्रकल्प अहवाल – संबंधित विषयावर २० गुणांचे प्रकल्प लेखन

सत्रान्त परीक्षा (गुण ८० + २०)

- प्रश्न १. घटक १ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न २. घटक २ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न ३. घटक ३ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न ४. सर्व घटकांवर आधारित दोन टीपा (पर्यायासह) गुण २०

साध्ये (Outcome)

- १) सामाजिक स्थित्यंतराचा मराठी साहित्यावर प्रभाव पडतो, हे समजेल
- २) दलित साहित्याची निर्मिती प्रक्रिया समजेल
- ३) स्त्रीवादी जाणीव आणि वाङ्मयीन प्रवृत्तीचे ज्ञान होईल

संदर्भ ग्रंथ

- १) दलित साहित्य- प्रवाह व प्रतिक्रिया -गो. म. कुळकर्णी, प्रतिमा प्रकाशन, पुणे, १९८६
- २) निळी पहाट-रा. ग. जाधव, प्राज्ञपाठशाळा वाई. १९७८.
- ३) दलित साहित्य- एक चिंतन- अर्जुन डांगळे (संपा.), महाराष्ट्र राज्य साहित्य संस्कृती आणि मंडळ, मुंबई, १९७८.
- ४) दलित साहित्य-वेदना आणि विद्रोह- भालचंद्र फडके, श्रीविद्या प्रकाशन, पुणे, १९७७ (प्र.आ.), १९८९(दु. आ.)
- ५) दलित साहित्याची स्थितिगती- केशव मेश्राम व इतर (संपा.) मराठी विभाग, मुंबई विद्यापीठ आणि अनुभव पब्लिकेशन्स, मुंबई, १९९७
- ६) स्त्रीवादी समीक्षा- सैद्धान्तिक चौकट- डॉ. मिलिंद मालशे, श्रीवाणी- ऑक्टोबर, १९९३
- ७) स्त्रीवादी साहित्य समीक्षा-स्वरूप आणि व्याप्ती- वसंत आबाजी डहाके, श्रीवाणी- ऑक्टोबर, १९९३.
- ८) स्त्रीवादी साहित्य आणि समीक्षा विशेषांक- अनुष्टुभ, सप्टें. ऑक्टो १९९६.
- ९) स्त्रीवादी समीक्षा-स्वरूप आणि उपयोजन- दिलीपराज प्रकाशन, पुणे, १९९३.
- १०) आंबेडकरवाद, डॉ. शेरे नीलकंठ, सुविद्या प्रकाशन, पुणे २००९.
- ११) डॉ. बाबासाहेब आंबेडकरांचे तत्त्वज्ञान: आशय व विश्लेषण, गायकवाड दत्तात्रय स्वयंदीप प्रकाशन, पुणे २०१६.
- १२) आंबेडकर आणि मार्क्स, कसबे रावसाहेब, सुगावा प्रकाशन, पुणे, १९८५.
- १३) प्रज्ञासूर्य, लिंबाळे शरणकुमार, (संपा.), प्रचार प्रकाशन, कोल्हापूर, १९९१.
- १४) दलित कविता आणि ब्लॅक पोएट्री ऋषिकेश कांबळे गोदा प्रकाशन औरंगाबाद
- १५) डॉ. आंबेडकर चिंतन, केशव मेश्राम, लोकवाङ्मयग्रह, मुंबई.
- १६) सत्तासंघर्ष : संपा. सुहास पळशीकर, सुहास कुलकर्णी, समकालीन प्रकाशन, पुणे.

अभ्यासपत्रिका क्र. ७
भाषाविज्ञान
सत्र - ५ वे श्रेयांकने -४ व्याख्याने -६०

उद्दिष्टे (Objective)

१) भाषेचे स्वरूप आणि तिचे कार्य जाणून घेणे

२) भाषाभ्यासाच्या विविध अंगांचा परिचय करून घेणे

३) भाषेच्या अभ्यासाच्या आधुनिक व शास्त्रीय पद्धतीचा परिचय करून घेणे तसेच पारंपारिक ऐतिहासिक अभ्यासपद्धतीपेक्षा तिचे वेगळेपण समजून घेणे.

घटक-१ भाषाशास्त्राच्या विविध शाखा- वर्णनात्मक, ऐतिहासिक व समाजशास्त्रीय.

घटक -२ स्वनिम विन्यास (स्वन, स्वनिम, स्वनांतर, स्वनिमांचे प्रकार, स्वनिम विश्लेषणाची तत्त्वे – तंत्रे.

घटक -३ रूपिमविन्यास- रूपिका, रूपिम, रूपिकांतर, रूपिमांचे प्रकार, रूपिम प्रकिया.

घटक – ४ अर्थविन्यास – भाषिक अर्थाचे स्वरूप, शब्दार्थाचे प्रकार, अर्थ आणि त्याचे परस्पर संबंध

सत्रान्त परीक्षा (गुण १००)

- प्रश्न १. घटक १ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न २. घटक २ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न ३. घटक ३ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न ४. घटक ४ वर आधारित प्रश्न (पर्यायासह) गुण २०
प्रश्न ५. सर्व घटकांवर आधारित दोन टीपा (पर्यायासह) गुण २०

साध्ये (Outcome)

१) भाषेच्या विविध अंगांचा परिचय होईल

२) भाषेच्या अभ्यासाच्या आधुनिक व शास्त्रीय पद्धतीचा परिचय होईल

संदर्भ ग्रंथ-

- १) काळे, कल्याण व इतर (संपा.), आधुनिक भाषाविज्ञान (संरचनावादी, सामान्य आणि सामाजिक, प्रतिमा प्रकाशन, पुणे, (दु.आ.) २००३.
२) काळे कल्याण व इतर (संपा.), वर्णनात्मक भाषाविज्ञान स्वरूप आणि पद्धती, गोखले एज्युकेशन सोसायटी, नाशिक, १९८२.

- ३) गजेंद्रगडकर, श्री. न., भाषा आणि भाषाशास्त्र, व्हीनस प्रकाशन. पुणे, (दु. आ.) १९७९.
- ४) गोविलकर लीला, वर्णनात्मक भाषाविज्ञान, आरती प्रकाशन, डोंबिवली, १९९२.
- ५) घोंगडे, रमेश, सामाजिक भाषाविज्ञान दिलीपराज प्रकाशन पुणे, २०१२.
- ६) पुंडे, द. दि., सुलभ भाषाविज्ञान, स्नेहवर्धन प्रकाशन, पुणे, २००५
- ७) मालशे, स. गं. व इतर(संपा.), भाषाविज्ञान: ऐतिहासिक व वर्णनात्मक, पद्मगंधा प्रकाशन, पुणे, २००५ (ति. आ.)
- ८) मालशे, स.गं. व इतर (संपा.), भाषाविज्ञान परिचय, पद्मगंधा प्रकाशन, पुणे, २००५ (दु.आ)
- ९) गायकवाड संपत, दलित आत्मकथन : भाषिक समाज, भाषा आणि भाषा व्यवहार, प्रज्ञा प्रबोध प्रकाशन, सांगली २०१२ .
- १०) मराठी भाषेचा भाषावैज्ञानिक अभ्यास : मठकर अलका, शब्दालय प्रकाशन २०१५

उद्दिष्टे (Objective)

१. मराठी व्याकरणाचा इतिहास व विविध व्याकरण कर्त्यांचा परिचय करून घेणे.
२. शब्दाचे वर्गीकरण समजावून घेणे
३. विकारण विचार समजावून घेणे
४. शब्द घटना समजावून घेणे

घटक -१ शब्दांचे वर्गीकरण- पारंपरिक व आधुनिक

घटक -२ विकारण- लिंग, वचन, विभक्ती, आख्यात.

घटक-३ शब्दसिद्धी

घटक-४ प्रयोग विचार

सत्रान्त परीक्षा (गुण १००)

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|---|--------|
| प्रश्न १. घटक १ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न २. घटक २ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ३. घटक ३ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ४. घटक ४ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ५. सर्व घटकांवर आधारित दोन टीपा (पर्यायासह) | गुण २० |

साध्ये (Outcome)

- १) मराठी व्याकरण व्यवस्थेचा सूक्ष्म परिचय होईल
- २) मराठी व्याकरण व्यवस्थेतील समस्या लक्षात येतील

संदर्भ ग्रंथ-

- १) मराठी व्याकरण वाद आणि प्रवाद, कृष्ण श्री अर्जुनवाडकर
- २) मराठी व्याकरण काही समस्या : प्र. ना. दीक्षित
- ३) मराठी व्याकरणाचा इतिहास कृष्ण श्री अर्जुनवाडकर
- ४) मराठी व्याकरण : मो. रा. वाळंबे
- ५) मराठी व्याकरणविवेक : मा. ना. आचार्य
- ६) मराठी व्याकरणाचा पुनर्विचार : अरविंद मंगरुळकर
- ७) मराठीचे व्याकरण : लीला गोविलकर
- ८) शास्त्रीय मराठी व्याकरण : मोरो केशव दामले

आधुनिक मराठी साहित्य,
सत्र - ५ वे तासिका ६० श्रेयांकने- ४

उद्दिष्टे (Objective)

- १) आधुनिक मराठी साहित्याची संकल्पना समजावून घेणे
- २) आधुनिक मराठी साहित्याचा आढावा घेणे
- ३) विविध कलाकृतीच्या आधारे आधुनिक वाङ्मयाची वैशिष्ट्ये अभ्यासणे

घटक १ आधुनिक, आधुनिकता आणि आधुनिकतावाद : संकल्पना विचार (तासिका १५)
श्रेयांकन १

घटक २ अ - आधुनिक मराठी कथा - ऐतिहासिक आढावा (तासिका १५) श्रेयांकन १
आ आधुनिक मराठी कादंबरी- ऐतिहासिक आढावा

घटक ३ आधुनिकतावादी मराठी कथा (तासिका १५) श्रेयांकन १

१) मुक्काम पोस्ट सांस्कृतिक फट, सतीश तांबे, रोहन प्रकाशन (कथांची आशयसूत्रे व कथांचे रूपबंध यांसह)

घटक ४ आधुनिक मराठी कादंबरी (तासिका १५) श्रेयांकन १

१) पुरोगामी, राकेश वानखडे लोकवाङ्मयग्रह प्रकाशन, मुंबई (आशयसूत्र व कादंबरीचा रूपबंध यांसह)

सत्रान्त परीक्षा (गुण १००)

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| प्रश्न १. घटक १ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न २. घटक २ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ३. घटक ३ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ४. घटक ४ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ५. सर्व घटकांवर आधारित दोन टीपा (पर्यायासह) | गुण २० |

साध्ये (Outcome)

- १) आधुनिकता वादाचे वैशिष्ट्याची ओळख होईल
- २) वाङ्मयीन प्रवृत्ती समजतील

संदर्भ ग्रंथ

- १) मराठी कादंबरी – तंत्र व विकास, प्रा. बापट, व्हीनस प्रकाशन, पुणे १९७३
- २) साहित्य : अध्यापन आणि प्रकार, मौज प्रकाशन, पॉप्युलर प्रकाशन, भागवत श्री.पु. मुंबई १९८७
- ३) कादंबरी, मराठी कादंबरी, उषा हस्तक, साहित्यसेवा प्रकाशन औरंगाबाद, १९९३.
- ४) कादंबरी: एक साहित्य प्रकार, हरिशचंद्र थोरात, शब्द पब्लिकेशन, मुंबई २०१०.
- ५) १९८० नंतरची मराठी कादंबरी, अविनाश सप्रे, खेळ, दिवाळी, २००७
- ६) मराठी नवकथा : रंग आणि रूप, डॉ सुभाष पुलावले, चिन्मय प्रकाशन, औरंगाबाद, २०१२.
- ७) मराठीतील कथनरूपे, वसंत आबाजी डहाके, पापुलर प्रकाशन, मुंबई, २०१२.
- ८) मालशे, मिलिंद, आधुनिक, भाषा विज्ञान : सिद्धांत आणि उपयोजन. लोकवाङ् मयगृह, मुंबई. १९९५
- ९) आधुनिक मराठी साहित्य आणि सामाजिकता : संपा. डॉ. मृणालिनी शहा, डॉ. गौरी टिळक, पद्मगंधा प्रकाशन, पुणे.
- १०) नवोदोत्तर मराठी कथा : रंग आणि अंतरंग संपा. गजानन हेरोळे, गोदा प्रकाशन, औरंगाबाद.

सत्र – ६वे अभ्यासपत्रिका ८
उत्तर आधुनिक मराठी साहित्य
(तासिका ६०) श्रेयांकन ४

उदिष्टे (Objective)

१. विविध विचारधारांच्या वाङ्मयाची ओळख करून घेऊन त्या विचारधारांना समजून घेण्याचा प्रयत्न करणे.
२. उत्तर आधुनिक साहित्याचा परिचय करून घेणे
- ३) विविध कलाकृतीच्या आधारे उत्तर आधुनिकता वादाची वैशिष्ट्ये अभ्यासणे

घटक १ अ) उत्तर आधुनिकतावाद : संकल्पना विचार

आ) उत्तर आधुनिक मराठी कविता- ऐतिहासिक आढावा (तासिका १५) श्रेयांकन १

घटक २ उत्तर आधुनिक मराठी कविता - (तासिका १५) श्रेयांकन १

सलील वाघ, हेमंत दिवटे, सचिन केतकर, मंगेश नारायणराव काळे, संजीव खांडेकर, श्रीधर तिळवे, वज्रेश सोळंकी, मन्या जोशी, दा.गो. काळे, कविता मुरुमकर (निवडलेल्या कवितांचा संग्रह प्रसिद्ध होईल.)

घटक ३ उत्तर आधुनिक मराठी नाटक - ऐतिहासिक आढावा (तासिका १५) श्रेयांकन १

घटक ४ उत्तर आधुनिक मराठी नाटक (तासिका १५) श्रेयांकन १

१) सिधू सुधाकर, रम आणि इतर – आशुतोष पोतदार (वॉटरमार्क पब्लिकेशन), आशयसूत्र व नाटकाचा आकृतिबंध यांसह

सत्रान्त परीक्षा (गुण १००)

- | | |
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| प्रश्न १. घटक १ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न २. घटक २ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ३. घटक ३ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ४. घटक ४ वर आधारित प्रश्न (पर्यायासह) | गुण २० |
| प्रश्न ५. सर्व घटकांवर आधारित दोन टीपा (पर्यायासह) | गुण २० |

साध्ये (Outcome)

१) उत्तर आधुनिकता वादाची वैशिष्ट्ये लक्षात येतील

२) उत्तर आधुनिकता वादाची स्वरूप वैशिष्ट्ये समजल्याने साहित्याकडे पाहण्याचा नवा दृष्टीकोन प्राप्त होईल.

संदर्भ पुस्तके

१. उत्तर आधुनिकता : समकालीन साहित्य, समाज व संस्कृती, बी. रंगराव, कुसुमाग्रज प्रकाशन नाशिक
२. अतिरिक्त मासिक, संपा. दा. गो. काळे – दिनकर मनवर, मार्च २०१३.
३. नाटक आणि मी ,विजय तेंडुलकर, डिम्पल प्रकाशन ,मुंबई, ,१९९७.
४. नाटक एक चिंतन – कानेटकर वसंत
५. नाटकातली चिन्हं – नाईक राजीव
६. महानगरी नाटकं – नाईक राजीव
७. मराठी नाटक : नव्या दिशा आणि वळणे, भवाळकर, तारा
८. नाटक कालचं आणि आजचं : राजापुणे-तापास, पुष्पलता
९. प्रायोगिक नाटक : भारतीय आणि जागतिक-(संपा) सूर्यवंशी नानासाहेब

उदिष्टे (Objective)

- १) भाषांतर अनुवाद, रुपांतर या संकल्पनेचा परिचय करून घेणे.
- २) भाषांतराच्या विविध समस्यांचा अभ्यास करणे
- ३) इंग्रजी-मराठी-इंग्रजी व हिंदी-मराठी-हिंदी असे भाषांतर करण्याचे कौशल्य प्राप्त करणे

घटक - १- भाषांतर-सैद्धान्तिक विचार (तासिका १५) श्रेयांकन १

अ)

- १) भाषांतर, अनुवाद, रुपांतर, अर्वाचीनीकरण या स्वरूपभेदांची चर्चा.
- २) ललित साहित्याचे भाषांतर - सांस्कृतिक भेदांचे संदर्भाचे महत्त्व.

आ)

- १) ललित साहित्याचे भाषांतर - भाषिक समस्या व स्वरूप
- २) ललित साहित्याचे भाषांतर - शैली विषयक समस्या

घटक - २ भाषांतर-प्रत्यक्ष भाषांतर अभ्यास (तासिका १५) श्रेयांकन १

- १) इंग्रजी/हिंदी उताऱ्याचे मराठीत भाषांतर
- २) मराठी उताऱ्याचे इंग्रजीत/हिंदीत भाषांतर

घटक - ३ (तासिका १५) श्रेयांकन १

अ) पारिभाषिक शब्द (प्रशासकीय)

ब) कोशाची संकल्पना, रचना, कोशांच्या नोंदी, अकारविल्हे आणि सूची

घटक ४ प्रकल्प अहवाल - संबंधित विषयावर २० गुणांचे प्रकल्प लेखनश्रेयांकन १

सत्रान्त परीक्षा - (गुण ८० + २० गुणांचा प्रकल्प = १००)

- प्रश्न १. घटक १अ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न २. घटक १ आ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न ३. घटक २ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न ४. घटक ३ वर आधारित प्रश्न (पर्यायासह) गुण २०

साध्ये (Outcome)

- १) भाषांतर विद्येबद्दल सूक्ष्म माहिती होईल
- २) भाषांतर कौशल्य प्राप्त होईल, त्यामुळे रोजगार संधी प्राप्त होईल.

संदर्भ ग्रंथ –

१. कऱ्हाडे सदा, भाषांतर, लोकवाङ्मय गृह, मुंबई १९९२
२. बापट वसंत, तौलनिक साहित्य अभ्यास, पॉप्यूलर प्रकाशन
३. फाटक म. वि आणि ठाकर रजनी, भाषांतर : शास्त्र की कला, वरदा बुक्स, पुणे १९८७
४. डॉ. काळे कल्याण आणि डॉ. सोमण अंजली, भाषांतरमीमांसा प्रतिमा प्रकाशन, पुणे १९९७
५. भाषांतर – शास्त्र की कला : म.वि. फाटक, रजनी ठाकार, वरदा, पुणे.
६. भाषांतर आणि भाषा : विलास सारंग, मौज, मुंबई
७. अनुवादमीमांसा – संपा. केशव तुपे, साक्षात, औरंगाबाद.
८. भाषांतरविद्या : स्वरूप आणि समस्या, संपा. रमेश वरखेडे, य.च.म.मु.वि., नाशिक
९. भाषा आणि भाषांतर - य.च.म.मु.वि., नाशिक
१०. साहित्य - सेतू – (साहित्याची भाषांतर एक अभ्यास), एल.एस. देशपांडे, निर्मल प्रकाशन, नांदेड , १९९९

उद्दिष्टे (Objective)

- १) विद्यार्थ्यांच्या लेखनक्षमतेचा व सर्जनशीलतेचा विकास करणे
- २) मुद्रित दृक श्राव्य माध्यमांसाठी आवश्यक लेखन कौशल्य शिकवणे
- ३) माध्यमांमधील रोजगाराच्या संधीचा परिचय करून घेणे
- ४) व्यावसायिक लेखनासाठी मराठी भाषेचे उपयोजन करणे
- ५) आधुनिक समाजमाध्यमांचा विशेष परिचय कार्य व उपयुक्तता याबाबत जाणून घेणे
- ६) ब्लॉग लेखनाचे स्वरूप लक्षात घेऊन ते लेखन तंत्र अवगत करणे
- ७) ईमेल लेखनाचे स्वरूप लक्षात घेऊन ते लेखनतंत्र अवगत करणे

घटक १ : वृत्तपत्र माध्यमासाठी लेखन (तासिका १५) श्रेयांकन १

- १:१ वृत्त लेखन
- १:२ पुस्तक परीक्षण लेखन
- १:३ नाट्य व चित्रपट समीक्षा लेखन

घटक २ : आकाशवाणी माध्यमासाठी लेखन (तासिका १५) श्रेयांकन १

- २:१ श्रुतिका लेखन
- २:२ नभोनाट्य
- २:३ जाहिरात लेखन

घटक ३ : दूरचित्रवाणी व समाज माध्यमासाठी लेखन (तासिका १५) श्रेयांकन १

- ३:१ दूरचित्रवाणीसाठी मुलाखत लेखन
- ३:२ दूरचित्रवाणी मालिकेसाठी संवाद लेखन
- ३:३ ईमेल लेखन, ब्लॉगलेखन, विकिपीडियासाठी लेखन

घटक ४ प्रकल्प अहवाल – संबंधित विषयावर २० गुणांचे प्रकल्प लेखनश्रेयांकन १

सत्रान्त परीक्षा – (गुण ८० + २० गुणांचा प्रकल्प = १००)

- प्रश्न १. घटक १ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न २. घटक २ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न ३. घटक ३ वर आधारित प्रश्न (पर्यायासह) गुण २०
- प्रश्न ४. सर्व घटकांवर दोन टीपा/लघुत्तरी प्रश्न (पर्यायासह) गुण २०

साध्ये (Outcome)

- १) विद्यार्थ्यांच्या लेखन क्षमतेचा आणि सर्जनशीलतेचा विकास होईल
- २) विविध माध्यमांसाठी आवश्यक लेखनाच्या प्रकारांचा परिचय होईल आणि त्यासाठी आवश्यक कौशल्ये आत्मसात होतील
- ३) लेखन कौशल्ये आत्मसात करून माध्यामाधील रोजगाराच्या संधी उपलब्ध होतील

संदर्भ ग्रंथ –

- १) व्यावहारिक मराठी : संपा. स्नेहल तावरे
- २) व्यावहारिक मराठी : ल.रा नशिराबादकर
- ३) व्यावहारिक मराठी : मोकाशी सयाजी, नेमाडे रंजना
- ४) ओळख माहिती तंत्रज्ञानाची : एम.एस.आय.टी. महाराष्ट्र राज्य
- ५) संगणक युग : अच्युत गोडबोले
- ६) वृत्तविद्या : स.ह देशपांडे
- ७) नभोवाणी कार्यक्रम तंत्र आणि मंत्र : पुष्पा काणे
- ८) आधुनिक माहिती तंत्रज्ञानाच्या विश्वात : दीपक शिकरपूर, उज्वल मराठे
- ९) वाळंबे, मो. रा. सुगम मराठी व्याकरण, नितीन प्रकाशन पुणे
- १०) जोशी चंद्रहास, मराठी लेखन दर्शन, मेहता पब्लिकेश हाऊस, पुणे
- ११) मराठी भाषा उगम आणि विकास, मेहता पब्लिकेश हाऊस, पुणे
- १२) केळकर अशोक, वैखरी, मॅजिस्टिक प्रकाशन पुणे.
- १३) नसीराबादकर, ल.रा., व्यावहारिक मराठी, फडके प्रकाशन, कोल्हापूर
- १४) डॉ. शेकडे, सुभाष, व्यावहारिक मराठी अध्यापनाच्या दिशा, ऋतू प्रकाशन, अहमदनगर, २०१२.
- १५) उपयोजित मराठी : डॉ. संजय लांडगे, दिलीपराज प्रकाशन, पुणे.
- १६) अनिवार्य मराठी : डॉ. लीला गोविलकर, के. सागर पब्लिकेशन, पुणे.
- १७) मराठी कोश व संदर्भसाधने यांची समग्र सूची (इ.स १८००-२००३) संपादक डॉ. वसंत विष्णू कुलकर्णी, राज्य मराठी विकास संस्था, २००७

University of Mumbai



No. UG/124 of 2019-20

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges, Directors of the recognized Institutions in Humanities Faculty is invited to this office Circular No. UG/151 of 2016-17 dated 16th November, 2016 relating to the revised syllabus as per (CBCS) for F.Y.B.A. degree program in Micro Economics (Sem. I).

They are hereby informed that the recommendations made by the Board of Studies in Economics at its meeting held on 7th June, 2019 have been accepted by the Academic Council at its meeting held on 26th July, 2019 vide item No.4.19/ & 4.20 and that in accordance therewith, the revised syllabus as per the (CBCS) for the F.Y. B.A. (Sem. I) Microeconomics – I in Economics and F.Y. B.A. (Sem. II) Microeconomics – II in Economics has been brought into force with effect from the academic year 2019-20, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI – 400 032

26th September, 2019

To


(Dr. Vinod P. Patil)
I/c REGISTRAR

The Principals of the affiliated Colleges, and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.19/ & 4.20/26/07/2019


No. UG/124 -A of 2019-20

MUMBAI-400 032

26th September, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Economics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,


(Dr. Vinod P. Patil)
I/c REGISTRAR

AC. 25107/2019
Item No. 4.19

UNIVERSITY OF MUMBAI



Syllabus for Approval

Sr. No.	Heading	Particulars
1	Title of the Course	F.Y.B.A. Semester- I Microeconomics - I
2	Eligibility for Admission	HSC (Arts)
3	Passing Marks	40 Percentage (Pass Class)
4	Ordinances / Regulations (if any)	-
5	No. of Years / Semesters	2 Semesters
6	Level	U.G
7	Pattern	Semester
8	Status	Revised
9	To be implemented from Academic Year	From Academic Year: 2019 - 20

Date:

Signature :

Chairman/ Chairperson : _____

Dean Faculty of Humanities : _____

UNIVERSITY OF MUMBAI



Revised Syllabus for the F.Y.B.A. (Sem I)

Microeconomics – I

Course: Economics

(As Per Choice Based Credit System with effect from the academic
year 2019-20)

F.Y.B.A.
Subject: Economics
Microeconomics – I
Semester – I

(Academic Year: 2019 - 20)

Preamble: This course is designed to expose the students to the basic principles of microeconomic theory. The emphasis will be on the development of analytical thinking with the help of statistical tools among the students and develop the skill of application of microeconomics concepts to analyze the real life situations.

Module - I: Introduction to Microeconomics **(12 Lectures)**

Microeconomics: Meaning, Scope, Nature, Importance and Limitations; Basic Economic Problems; Role of Price Mechanism in a Market Economy; Positive Economics and Normative Economics; Concepts of Equation, Functions, Graphs, Diagrams, Line, Slope and Intercept

Module - II: Ten Principles of Economics **(12 Lectures)**

Trade-Off Faced by the Individuals; Significance of Opportunity Cost in Decision Making; Thinking at the Margin; Responses to incentives; Benefits from Exchange; Organization of Economic Activities through Markets and its Benefits; Role of Government in improving Market Outcomes; Dependence of Standard of Living on Production; Growth in Quantity of Money; Inflation and Unemployment Trade Off

Module - III: Markets, Demand and Supply **(12 Lectures)**

What is a Market; What is Competition; Demand Curves: Market Demand versus Individual Demand, Movements along the Demand Curve, Shifts in the Demand Curve; Supply Curves: Market Supply and Individual Supply, Shifts in Supply Curve; Market Equilibrium - Three Steps to Analyze Changes in Equilibrium; Price Elasticity of Demand, Methods of Measuring Price Elasticity of Demand – Total Outlay Method, Percentage Method and Point Method; Concepts of Income Elasticity of Demand, Cross Elasticity of Demand and Promotional Elasticity of Demand

Module IV: Consumer's Behavior **(12 Lectures)**

Introduction to Cardinal and Ordinal Approaches; Indifference Curve Analysis - Properties of Indifference Curves, Budget Line, and Consumer's Equilibrium; Income, Price and Substitution Effect; Derivation of Demand Curve; Consumer's Surplus: Strong Ordering and Weak Ordering

Reference

1. N. Gregory Mankiw, (2015), "Principles of Microeconomics" 7th edition- Cengage Learning.
2. Sen Anindya, (2007), "Microeconomics Theory and Applications" Oxford University press, New Delhi.
3. Salvator D, (2003) "Microeconomics Theory and Applications" Oxford University press, New Delhi.
4. M.L.Jhingan, (2006) "Microeconomics Theory", 5th edition Vrinda Publication (P) Ltd.
5. H.L.Ahuja, (2016) "Advance Economics Theory" S.Chand & Company Ltd.
6. Paul Samuelson and W. Nordhaus, (2009): Economics, 19th Edition McGrawHill Publications.

UNIVERSITY OF MUMBAI



Revised Syllabus for the F.Y.B.A. (Sem II)

Microeconomics – II

Course: Economics

(As Per Choice Based Credit System with effect from the
academic year 2019-20)

F.Y.B.A.
Subject: Economics
Microeconomics – II
Semester – II

(Academic Year: 2019 - 20)

Preamble:

As a logical sequence to Microeconomics Paper I, this paper is aimed at giving supply side knowledge of Economics to the learner which will enhance their knowledge about aspects of production, cost and revenue analysis, theories of distribution and understanding about the market structure.

Module I: Production Analysis **(12 Lectures)**

Production Function: Concept And Types; Concepts of Total, Average and Marginal Product; Law of Variable Proportion and Returns to Scale, Isoquant and Producer's Equilibrium

Module II: Cost & Revenue Analysis **(12 lectures)**

Concepts of Costs: Money and Real Cost, Social Cost, Private Cost, Explicit and Implicit Cost, Opportunity Cost; Relationship between Average, Marginal and Total Cost; Derivation of Short Run and Long Run Cost Curves; Concepts of Revenue: Types and Interrelationship

Module III: Factor Pricing **(12 lectures)**

Marginal Productivity Theory of Distribution; Rent: Ricardian Theory of Rent, Modern Theory of Rent, Quasi Rent; Wages: Modern Theory of Wages; Collective Bargaining; Supply Curve of Labour; Interest: Classical Theory of Interest, Loanable Funds Theory of Interest; Profit: Risk and Uncertainty Theory, Innovation Theory

Module IV: Equilibrium in Different Market Structure **(12 Lectures)**

Concept Of Equilibrium: TR - TC And MR - MC Approach; Features of Perfect Competition; Monopoly and Monopolistic Competition, Short Run and Long Run Equilibrium of Firm and Industry under each Market Condition; Selling Cost and Wastages under Monopolistic Competition

Note: we may include case studies and numerical examples for modules 1, 2 and 4 from examination point of view.

Reference

1. A. Koutsoyannis, (2015), Modern Microeconomics, 2nd edition, Palgrave Macmillan.
2. Paul Samuelson and W. Nordhaus, (2009), Economics, 19th edition: Economics, McGrawHill Publications.
3. Mankiw M.G (2015), Principles of Micro economics 7th edition - Cengage Learning.
4. Anindya Sen, (2006), Microeconomics, OUP India Publisher.
5. M.L.Jhingan, (2006), “Microeconomics Theory”, 5th edition, Vrinda Publication (P) Ltd.
6. H.L.Ahuja, (2016), “Advance Economics Theory” S.Chand & Company Ltd.

University of Mumbai




No. UG/128 of 2019-20

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office Circular No. UG/40 of 2012-13, dated 25th June, 2012 relating to the revised syllabus as per the (CBSGS) of Paper II & III in Semester III & Semester IV of B.A. programme in the course of Economics.

They are hereby informed that the recommendations made by the Board of Studies in Economics at its meeting held on 7th June, 2019 have been accepted by the Academic Council at its meeting held on 26th July, 2019 vide item No.4.28 and that in accordance therewith, the revised syllabus as per the (CBCS) for the S.Y.B.A. (Sem. IV) Indian Economy – Paper VI in Economics has been brought into force with effect from the academic year 2020-21, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI – 400 032
26th September, 2019


(Dr. Vinod P. Patil)
I/c REGISTRAR

To

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.28/26/07/2019


No. UG/128 -A of 2019-20

MUMBAI-400 032

26th September, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Economics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,


(Dr. Vinod P. Patil)
I/c REGISTRAR

UNIVERSITY OF MUMBAI**Syllabus for Approval**

Sr. No.	Heading	Particulars
1	Title of the Course	S.Y.B.A. Semester IV Economics- Paper VI Indian Economy
2	Eligibility for Admission	FYBA
3	Passing Marks	40
4	Ordinances / Regulations (if any)	
5	No. of Years / Semesters	2 Semesters
6	Level	U.G
7	Pattern	Semester
8	Status	Revised
9	To be implemented from Academic Year	From Academic Year 2020-21

Date:

Signature :

Chairman/ Chairperson : _____

Dean Faculty of Humanities : _____

AC- 26/07/2019

Item No.- 4.28

UNIVERSITY OF MUMBAI



Revised Syllabus for the S.Y.B.A. (Sem IV) Paper VI

Indian Economy

Course: Economics

(As Per Choice Based Credit System with effect from the
academic year 2020-21)

Economics
S.Y.B.A. Semester IV
Paper VI
Indian Economy

Preamble

This paper deals with the nature and sector wise composition of Indian economy. The learners shall be able to understand the problems and prospects of Indian Economy. The content has also intended to orient the learners about the recent developments in the economy.

Module- I: Introduction **(12 Lectures)**

Trends in India's National Income and PCI Since 1990; Structural Changes In Indian Economy; Brief Overview of the Employment Generation and Poverty Alleviation Programmes; Regional Inequalities; Measures to Reduce Regional Inequalities in India

Module - II: Agricultural Sector **(12 Lectures)**

Role of Agriculture in Economic Development; Causes of Low Productivity; Agricultural Inputs; Agricultural Price Policy: Recent Minimum Support Price Policy; Income Support for Farmers; Sources of Agricultural Finance; Micro Finance; NABARD: Role and Function; Agricultural Marketing: Structure and Problems; National Policy for Farmers, 2007; Organic Farming Policy; Food Security in India

Module -III: Industrial Sector **(12 Lectures)**

Infrastructure for Industrial Development; Industrial Policies in India; Industrial Policy of 1991; Micro, Small and Medium Enterprises (MSMEs): Classification, Role and Policy Measures; Growth of Large Scale Industries and Economic Development; Recent Policies and Programs for Industrial Development: Start Up India, Make in India, Skill India; Role and Trends of FDI in Industrial Sector Development

Module -IV: Service Sector **(12 Lectures)**

Role of Service Sector in Indian Economy; Growth and Performance of Healthcare; Performance of Trade and Tourism, Information Technology and IT - Enabled Services; Research and Development Services With Reference to Education and Skill Development in Employment Generation in India; Performance of Service Sector during XIIth Five Year Plan

Reference

- 1) Ashwini Mahajan, Gaurav Datt, (2018) 'Indian Economy', S. Chand and Company, New Delhi.
- 2) Brahmananda, P.R. and V.R. Panchmukhi (Eds.), (2001), 'Development Experience in the Indian Economy: Inter-State Perspectives', Bookwell, New Delhi.
- 3) Datt, Ruddra and K.P.M, Sundaram, (2017), 'Indian Economy', S. Chand & Company Ltd., New Delhi.
- 4) Misra, S. K. and V. K. Puri, (2018) 'Indian Economy', Himalaya Publishing House, Mumbai.

- 5) Gaurav Datt and Ashwani Mahajan, (2016) 'Indian Economy', S Chand Publishing House, New Delhi.
- 6) Uma Kapila, (2018), ' Indian Economy: Performance and Policies, 2018-19', Academic Foundation, New Delhi.

AC

Item No.

University of Mumbai

University of Mumbai



Revised Syllabus

Sem. V & Sem. VI

Program: B. A.

Course: Economics

(As per the Credit Based Semester and Grading System with
effect from the academic year 2021-2022)

PREAMBLE:

The syllabus of TYBA has been revised owing to the revised syllabus introduced by the University of Mumbai for FY and SYBA as per the recommendation of Board of Studies of Economics (BOS-E) by keeping in view of the recent trends in the subject of Economics. The BOS-E has further revised the syllabi of papers at the TYBA which will be made effective **from the Academic Year 2021-22**. A broad overview of the revised structure, which includes the core papers and electives as described below.

DURATION:

- The course shall be a full time course.
- The duration of B.A. course shall be of Three years across Six Semesters.

FYBA: SEMESTER – I & II (One paper each semester)

SYBA: SEMESTER – III & IV (Two papers each semester)

TYBA: SEMESTER – V & VI (Six papers each semester)

PATTERN:

The T.Y.B. A. [Entire Economics] Course shall have 12 papers. Every semester shall have six papers, each carrying 100 marks. However students can opt for combination of any two subjects in Economics and the rest in any other subject) in which every semester shall have three papers of each Subject, carrying 100 marks each. Moreover, exams based on Papers IX and Papers XII of Semester V and Paper XV and XVIII of Semester VI are bifurcated into 80 marks of written exam and 20 marks of project. It is hereby stipulated that the projects shall have a maximum page limit of 20.

CASE STUDY APPROACH

As per the latest guidelines issued by UGC in 2021, the themes of the Projects related to applied component papers VI and IX are resolved to be based on Case Study Approach. Even for the Core Papers and Electives, the relevant modules are focused on Case Study approach .

SCHEME OF EXAMINATION

The duration of the examination, paper pattern and the allotment of lectures as well as marks are given in detail as follows:

DURATION:

- **Three Hours** for each 100 marks paper and **Two and Half an Hour** for 80 marks paper.

ALLOTMENT OF LECTURES:

- The allotment of lectures is as per the common guidelines stipulated by the Academic Council for Humanities of University of Mumbai.

PAPER PATTERN:

- There shall be five questions each of 20 marks, for 100 marks paper divided into three sub questions (a, b, c,) with an internal option to choose any two.
- There shall be four questions of 20 marks for 80 marks paper with internal options mentioned as the same above.
- All questions shall be compulsory with internal choice within the questions.
- Questions may be subdivided into sub-questions a, b, c as mentioned earlier and the allocation of marks shall depend on the weightage given to the topic.

Questions	Modules	Marks
Qn.1	Unit I	20
Qn.2	Unit II	20
Qn.3	Unit III	20
Qn.4	Unit IV	20
Qn.5	4 Sub-questions from Unit I, II, III & IV OR 20 MCQs from Unit I, II, III & IV	20

COURSE STRUCTURE
(APPLICABLE FROM ACADEMIC YEAR: 2021-22)
TYBA (SEMESTER –V)

COURSE CODE		REVISED PAPER	CREDIT	MARKS
GROUP-I : CORE PAPERS				
ECOAME501	VII	ADVANCED MICROECONOMICS – III	4	100
ECOGAD502	VIII	ECONOMICS OF GROWTH AND DEVELOPMENT	4	100
GROUP-II : ELECTIVE PAPERS				
ECOIFSA503	IX	INDIAN FINANCIAL SYSTEM-I	3	80
OR				
ECOACB503	IX	ECONOMICS OF AGRICULTURE AND CO - OPERATION – I	3	80
OR				
ECOILC503	IX	INDUSTRIAL AND LABOUR ECONOMICS – I	3	80
ECORMA504	X	RESEARCH METHODOLOGY - I	4	100
OR				
ECOQEB504	X	QUANTITATIVE ECONOMICS - I	4	100
OR				
ECOESSIC504	X	ENTREPRENEURSHIP & SMALL SCALE INDUSTRIES	4	100
ECOEEA505	XI	ENVIRONMENTAL ECONOMICS -I	4	100
OR				
ECOEIB505	XI	ECONOMICS OF INSURANCE - I	4	100
OR				
ECOMEAC505	XI	MATHEMATICS FOR ECONOMIC ANALYSIS - I	4	100
ECOEMA506	XII	ECONOMY OF MAHARASHTRA -I	3	80
OR				
ECOHETB506	XII	HISTORY OF ECONOMIC THOUGHTS – I	3	80
OR				
ECOIBFC506	XII	INTERNATIONAL BANKING AND FINANCE – I	3	80

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-I : CORE PAPER PAPER NO -VII	CREDIT	MARKS
ECOAME501	ADVANCED MICROECONOMICS - III	4	100

Course Objectives

The course is designed to provide sound understanding in micro economic theory. Since students have been taught perfect competition, this course focuses on three main pillars of microeconomics such as imperfect competition, welfare economics and information economics.

Course Outcomes

- Enables students will get knowledge on new market structure, imperfect competition.
- Provides understanding on the welfare economics and economics of information.

Module 1: General Equilibrium and Welfare Economics

(12 Lectures)

Concept of General Equilibrium and Walrasian General Equilibrium Model - Pareto Optimality – The Pareto Optimality Condition of Social Welfare - Marginal Conditions for Pareto Optimal Resource Allocation - Perfect Competition and Pareto Optimality - Arrow’s Impossibility Theorem

Module 2: Market Structure: Monopoly and Monopolistic Competition

(14 Lectures)

Concept of Monopoly - Measurement of Monopoly Power - Price Discrimination: Types and Classification of Price Discrimination (Degrees of Price Discrimination) - Equilibrium under discriminating Monopoly - Regulation of Monopoly Market Product Differentiation in Monopolistic Competition - Chamberlin’s Alternative approach- Equilibrium under Monopolistic Competition - Excess Capacity

Module 3: Oligopoly**(12 Lectures)**

The Cournot Model - Meaning and Characteristics of Oligopoly Market - Rigid Prices - The Sweezy Model of Kinked Demand Curve - Collusive Oligopoly - Cartel: Centralised and Market Sharing Cartel - Imperfect Collusion- Price Leadership Models, Game Theory - Prisoner's Dilemma, Nash Equilibrium and Dominant Strategy Equilibrium

Module 4: Information Economics**(12 Lectures)**

Economics of Search and Search Cost - The Theory of Asymmetric Information-The Market for Lemons and Adverse Selection - Risk Preference and Expected Utility - The Problem of Moral Hazard - Market Signaling - Principal-Agent Problem

References:

1. Jhingan MLL. (2012), Advanced Economic Theory, Vrinda Publications, Delhi.
2. Mankiw N. Gregory (2015), Principles of Microeconomics, Cengage Learning.
3. Mansfield, Edwin (1985), Micro-economics: Theory & Applications, 5th edition, W.W. Norton & Company, New York.
4. Patil K. A (Second edition, 2011, Marathi), Advanced Economic Theory-Micro Analysis, Shri Mangesh Prakashan, Nagpur.
5. Salvatore D. (2006), Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
6. Varian Hal R. (8 Edition 2010) Intermediate Microeconomics A Modern Approach, East-West Press, New Delhi

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-I : CORE PAPER PAPER NO - VIII	CREDIT	MARKS
ECOGAD502	ECONOMICS OF GROWTH AND DEVELOPMENT	4	100

Course Objectives

This paper introduces the concepts, theories, process and policies regarding growth and development. The meaning of the development as it has evolved over the years is clarified. The contemporary as well as classical theories of growth, development, and underdevelopment are considered in detail. Theories and issues related to population, poverty, inequality and human capital are considered. Urban and rural aspects of the development process studied. Importance of technology, infrastructure and planning in development process are considered. The approach has been to cover all important areas of development economics.

Course Outcomes

- Enable students to apply and analyse issues in the development process.
- Students will be able to identify the issues related to Growth and Development
- Students will be able to understand the policy options and analyzed the Measures taken for the Development of an economy.

Module 1: Meaning of Economic Growth and Development (12 Lectures)

Concepts of Economic Growth and Development-Distinction between Economic Growth and Development- Concept of Human Development- H.D.I, G.D.I, Green GDP- Sen's Capability approach- Millennium Development Goals (MDGs)- Initiative by Indian government towards MDGs.

Module 2: Theories of Economic Development (12 Lectures)

Rostow's stages of growth; Big Push Theory- Leibenstein's Critical Minimum Effort Thesis - Harrod - Domar Growth Model- Lewis Model of unlimited supply of labour - Ragner Nurkse's Theory of Disguised Unemployment- Schumpeter's Theory of Development

Module 3: Structural Issues in Development Process (12 Lectures)

Concept of Human Capital- Role of Education, Health and nutrition in Human Capital - Meaning and Measurement of Poverty and Inequality- Measures to eradicate poverty and Inequality - Meaning of Inclusive growth - SHG and Microfinance- Migration – Urbanization- Formal and Informal Sector- Urban Informal Sector

Module 4: Planning, Technology and Economic Development

(12 Lectures)

Concept and Role of infrastructure in Economic Development- Role of technology in Economic Development- Labour intensive versus Capital intensive technology- Schumacher's concepts of intermediate and appropriate technology- Green Technology- Meaning and Types of Economic Planning- Role of Planning in Economic Development

References:

1. Boldwin, Economic Development: Theory, History and Policy, Willy Publishers, 1957.
2. Mamoria, Joshi, Principles and practice of marketing in India, Kitab Mahal, 1979.
3. Meier, Gerald M. and James E. Rauch. Leading Issues in Economic Development, New Delhi: Oxford Univ. Press, 2006.
4. Thirlwall, A.P. Growth and Development 8e. New York: Palgrave MacMillan, 2005. 7
5. Todaro, Michael P. and Stephen C. Smith. Economic Development, 8e. Delhi: Pearson Education, 2003.
6. V.K. Puri and S.K. Mishra, Indian Economy, Himalaya Publishing House, 2019

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-I : CORE PAPER PAPER NO – IX	CREDIT	MARKS
ECOIFSA503	INDIAN FINANCIAL SYSTEM – I	3	80

Course Objectives

In this semester the students get introduced with various aspects related to Indian Financial system. Indicators of financial development will be introduced and overview of financial sector reforms will be undertaken. Students will be able to understand performance, progress and issues in Indian Banking system. An overview of development of non-banking institutions in India will be undertaken. Students will also be introduced with traditional, modern and hybrid financial instruments.

Course Outcomes

- Empowering students about Indian Financial system, indicators of financial development and overview of financial sector reforms
- Awareness on performance, progress and issues in Indian Banking and overview of non-banking institutions in India |
- The course leads to project work/ case studies based on empirical examples such as: Management of NPAs by banks, performance analysis of commercial banks, financial instruments- comparative analysis, performance of NBFIs

Module 1: Introduction to Indian Financial System

(12 Lectures)

Evolution- meaning-characteristics – components - significance - Financial system and economic development - Indicators of Financial Development: FR, FIR, NIR and IR. -Reforms and trends/ turns in Indian financial sector: 1991-2019.

Module 2: Performance, Progress and Issues in Indian Banking

(12 Lectures)

Overview of development of Banking in India-Commercial banking-Liquidity management-Commercial banking developments since mid 1980s- Management of NPAs-Concept of Bad bank-Mudra bank scheme - Capital adequacy norms- Basel III

Module 3: Non- banking Finance Institutions in India

(12 Lectures)

Overview of development of non- banking institutions in India – Growth - Components, types, role in financial system - Regulation of NBFIs-Provident funds - Pension funds - Venture capital funds

Module 4: Financial Instruments: Traditional, Modern and Hybrid

(12 Lectures)

Traditional instruments: equities- debentures and bonds -Hybrid instruments- different types of bonds such as floating rate bonds- zero interest bonds- deep discount bonds- inverse float bonds-sovereign gold bonds- municipal bonds- convertible debentures- warrants, Cryptocurrency - Derivatives - meaning, concept and types of derivatives

References:

1. Bhole, L. M. (2008): Financial Institutions and Markets, Growth and Innovation, Tata McGraw-Hill, New Delhi.
2. Khan, M.Y. (2007): Financial Services, Tata McGraw Hill, New Delhi.
3. Machiraju, Indian Financial system, Vikas publishing house, 2nd edition, 2002.
4. Pathak, Bharati (2008) : The Indian Financial System-Markets, Institutions, and Services, (2nd Edition), Pearson Education, New Delhi.
5. Strong, R. A. (2002): Derivatives: An introduction; Thomson Asia Pte Ltd, Bangalore.
6. Varshney P N and Mittal D K, Indian financial system, sultan Chand and sons , New Delhi, 2002.

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – IX	CREDIT	MARKS
ECOACB503	ECONOMICS OF AGRICULTURE AND CO-OPERATION-I	3	80

Course Objectives

This paper provides an overview of the role of agriculture in the economic development of the country and the salient features associated to agricultural productivity and agricultural labour. The pertinent aspects related to agricultural credit, agricultural marketing as well as the global problems existing in the marketing are dealt in. Students can acquire understanding about the features of agricultural policy and the agrarian crisis as well as the problems and challenges in the field of Agriculture and cooperation.

Course Outcomes

- Students will obtain information regarding various agricultural issues in India and remedies for it.
- Making awareness about self- employment through various local business like agro- tourism, travel agents, horticulture, floriculture, fishery and animal husbandry.

Module 1: Agricultural Productivity

(12 Lectures)

Role of agriculture in Economic Development - Cropping pattern in India, Recent trends, Factors affecting - cropping pattern - Physical, Technical and Economic - Agricultural Productivity, Causes of Low Productivity in Agriculture - Measures taken to improve the Agricultural Productivity in India - Irrigation and Water Management and agricultural development - Agricultural labour Problems and suggestions.

Module 2: Agricultural Credit

(12 Lectures)

Institutional and Non-Institutional Sources of Credit Co-operative Credit and Agriculture Rural Indebtedness - Commercial Banks and Regional Rural Banks - Microfinance and NABARD - Role and Performance - Crop loan and Crop Insurance, Kisan Credit card Yojana.

Module 3: Agricultural Marketing

(12 Lectures)

Types of Marketing - Corporate, Commodity and Global Problems and Measures of Agricultural Marketing - Regulated Market - WTO and Indian Agriculture - Problems of Agricultural Marketing and its measures - National Agricultural Market - FPO – Farmers Producer Organizations

Module 4: Agricultural Price and Policy

(12 Lectures)

Food Security in India - Price Policy of CACP Evaluation - Agricultural Crisis and Farmers Suicide - Agro-Tourism and its policy - Organic Farming - Mechanization of Agriculture

References:

1. Bilgrami S.A.R. (2000), An Introduction of agricultural Economics, Himalaya Publishing House, Mumbai
2. Datta Ruddra and Mahajan Ashwini (2016), Indian Economy, Chand and Company Ltd., New Delhi.
3. Gupta P. K.,(2012), Agricultural Economics, Vrinda Publications (P) Ltd. Delhi.
4. Mamoria C.B. and B.B. Tripalhi (1991), Agricultural Problems in India, Kitab Mahal, Allahabad.
5. Sadhu and Singh (2008), Fundamental of Agricultural Economics, Himalaya Publishing House, Mumbai.
6. Tyagi B.P., (2016), Agricultural Economics and Rural Development, Jaiprakash Nath and Co. Meerut.

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – IX	CREDIT	MARKS
ECOILC503	INDUSTRIAL AND LABOUR ECONOMICS-I	3	80

Course Objectives

There has been a paradigm shift in the structure of the Indian industrial sector and the policies governing it ever since the new era of globalization and liberalization has ushered in. This paper intends to equip the students with the knowledge about the fundamentals of Industrial Economics and also the latest policies relating to the Indian industry.

Course Outcomes

- Learners will study the different contemporary issues of industrial sector.
- Learners will know the problems of industries.
- Learners will get the idea about productivity.
- Learners will get with new Policies and its impact on industries.

Module 1: Introduction

(12 Lectures)

Meaning and Scope of Industrial Economics- Industrial Profile- Private sector- Performance and Problems - Cooperatives sector and its role, merits and demerits- Public Sector – Role - Performance and Problems -Role of agriculture in Industrial development, Industrial Combinations - Motives for Mergers and Acquisitions.

Module 2: Industrial Location and Problem of Regional Imbalance

(12 Lectures)

Determinants of Industrial Location, Theories of Industrial Location - Weber's and Sargent Florence's Theories, Dispersal and Decentralization of Industries, Problem of Regional Imbalance.

Module 3: Industrial Productivity and Industrial Sickness**(12 Lectures)**

Concept and Measurement of Industrial Productivity- Factors Affecting Industrial Productivity-Industrial Sickness - Causes, Effects and Remedial Measures - Rationalisation - Concept, Aspects and Impact.

Module 4: Industrial Development in India**(12 Lectures)**

New Industrial Policy, 1991; Disinvestment Policy; Small Scale Industries and Rural Industrialization; National Manufacturing Policy, 2011 - Recent Trends in India's Industrial Growth- Role of MNCs in the Indian Economy - Merits and Demerits, Industrial Finance in India.

References:

1. Barthwal R.R. (2007), Industrial Economics, New Age International Publishers, New Delhi.
2. D. Agrawal A.N. (2011), Indian Economy, New Age International Publishers, New Delhi.
3. Datt R. and Sundaram K.P.M. (2009), Indian Economy, S.Chand & Co., New Delhi.
4. Kuchhal S.C. (1980), Industrial Economy of India, Chaitanya Publishing House, Allahabad.
5. Mishra S.K. and Puri V.K.(2008), Indian Economy, Himalaya Publishing House, Mumbai.
6. Ranjana Seth, Industrial Economics (2010), Ane Books Pvt. Ltd., New Delhi.

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – X	CREDIT	MARKS
ECORMA504	RESEARCH METHODOLOGY - I	4	100

Course Objectives

This paper contains within the various objectives, such as to understand and make aware as well as inculcate research in Economics amongst the learners, to encourage exchange of ideas and application of results of economic research at the same time to enable students in understanding data collection and presentation for quality research in social sciences.

Course Outcomes

- The learners will understand and inculcate research in Economics
- The learners will exchange ideas and application of results of economic research.
- The course will help in formulation of problems in social science research.
- The students will understand data collection and presentation for quality research in social sciences.

Module 1: Introduction to Research

(12 Lectures)

Meaning and scope of social science research- Basic assumptions of research- Features and importance of social science research- Objectives and types of research; Basic, Applied, Pure, Descriptive, Analytical, and Empirical research- Limitations of social science research- Difficulties in social science research

Module 2: Formulation of Problem in Social Science Research

(12 Lectures)

Research process: Identification, selection and formulation of research problem-Sources of research problem - Criteria of a good research problem- Review of literature-Formulation of hypothesis- Research design: Definition, Concepts, and types- Data Collection and analysis- Interpretation and report writing- Use of web search in research process.

Module 3: Types of Data: Primary and Secondary

(12 Lectures)

Types of Data: Primary data and its collection methods: Observation method- Interview Technique - Design of schedule and questionnaire - Survey method and Field visits - Secondary data : Meaning- advantages- sources- relevance and limitations of secondary data- Sampling Techniques : Census and sample survey- Essentials of a good sampling - Advantages and limitations of sampling- Types of sampling: Random sampling and Non-random sampling-Sampling and Non-Sampling errors.

Module 4: Representation and Analysis of Data

(12 Lectures)

Classification, Tabulation and Graphical presentation of socio-economic data- Need and importance of data analysis- Statistical analytical tools: Measures of Central Tendency - Measures of Variation : Absolute and relative measures - Quartile deviation, standard deviation, coefficient of

variation- Skewness: Meaning and measurement (Karl Pearson's and Bowley's methods) - Preliminaries of computer applications in data organization and data processing.

References:

1. Bhandarkar P.L., (1994), Samajik Sanshodhan Padhati, Himalaya Publication, New Delhi.
2. Dawson, Catherine (2002), Practical research methods, UBS Publishers, New Delhi.
3. Ghosh, B.N. (1992), Scientific methods and social research, Sterling Publishers Pvt. Ltd, New Delhi.
4. Gupta S P, (1987), Statistical methods, Sultan Chand and Sons, New Delhi.
5. Kothari R.C. (2008), Research methodology, methods and techniques, New Age International Publishers, New Delhi.
6. Krishnaswamy O.R.(1993), Methodology of research in social sciences, Himalaya publishing House, Mumbai.

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – X	CREDIT	MARKS
ECOQEB504	QUANTITATIVE ECONOMICS – I	4	100

Course Objectives

Economics is increasingly becoming quantitative in nature. This course introduces a variety of quantitative skills as per the current requirements of industry. The objective of this paper is to equip students with the mathematical and statistical techniques, which are needed for analysis of data in general and economic analysis in particular.

Course Outcomes

- Students can perform graphical analysis of functions, sketch curves defined by simple equations. Furthermore, it will help to interpret the algebraic solution of economic concepts
- It will build an ability to explain the economic applications of differentiation, and use it to

understand economic concepts such as elasticity, marginal cost and input- output determination and linear programming.

- Help to develop various quantitative concepts and their application not only in economics but also for other subjects.

Module 1: Equations, Graphs and Derivatives

(12 Lectures)

Linear and non-linear relationships in economic analysis – Derivatives – Higher order derivatives– Increasing and decreasing functions- Necessary and sufficient conditions for maxima and minima–Optimization of economic functions- Economic applications: equations and graphs Market demand and supply models, taxes, elasticity.

Module 2: Linear Algebra

(12 Lectures)

Matrices and basic operations on matrices– Rank of a matrix– Inverse of a matrix– Cramer’s rule and its application to the IS-LM model-Input-Output Analysis and policy implications– Linear Programming Problem: Formulation and graphical solution.

Module 3: Descriptive Statistics and graphing techniques for presenting data

(12 Lectures)

Concept of primary and secondary data along with tabulation and graphs – Measures of central tendency (arithmetic mean, median and mode) – Absolute and relative measures of dispersion (range, quartile deviation, mean deviation and standard deviation) with simple applications – Measures of skewness and kurtosis – Lorenz Curve

Module 4: Elementary Probability Theory

(12 Lectures)

Sample space and events– Mutually exclusive - Exhaustive and complementary events– Conditional probability– Binomial probability distribution– Nature and Properties of the Normal Probability Distribution -Standard Scores and the Normal Curve -The Standard Normal Curve: Finding Areas when the Score is Known- Finding Scores when the Area is Known.

References:

1. Chiang A. C.: Fundamental Methods of Mathematical Economics, 3rd edition, McGraw-Hill, 1984.
2. Dowling Edward T: Introduction to Mathematical Economics, Schaum Outline Series in Economics, Tata McGraw -Hill, New Delhi, 2004.
3. Dowling Edward T: Theory and Problems of Mathematical Methods for Business and Economics, McGraw Hill, 1993.
4. Gupta S.P.: Statistical Methods, S. Chand, New Delhi, 2014.
5. Lerner Joel J and P.Zima: Theory and Problems of Business Mathematics, McGraw Hill, New York, 1986.
6. Sancheti D.C. and V.K. Kapoor: Statistics-Theory, Methods and Applications, S. Chand, New Delhi, 2014.

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – X	CREDIT	MARKS
ECOESSIC504	ENTREPRENEURSHIP & SMALL SCALE INDUSTRIES	4	100

Course Objectives

This paper is designed with the aim of encouraging students to foresee themselves as potential entrepreneurs. The paper includes within the scope for case studies, Interviews of Entrepreneurs, Preparation of project report, group discussion, survey etc.

Course outcomes

- Nurture the qualities of successful entrepreneurship
- Provides them knowledge about various processes to register for small scale industries which results in successful maintenances of such industries

Module 1: Entrepreneurship

(12 Lectures)

Concept of an entrepreneur and entrepreneurship, qualities of the successful entrepreneurs- role and functions of entrepreneurs in economic development- factors influencing entrepreneurship- Challenges before women entrepreneurship.

Module 2: Starting a new venture

(12 Lectures)

Project identification - selection and formulation, Registration of small scale industries - project report - Sources of finance for a business - Export documents and trends of small enterprises- major constraints in export performance.

Module 3: Small scale industries

(12 Lectures)

Meaning and scope of small scale industries, importance of small scale industries, problem faced by small scale industries, SWOT analysis for small scale industries, forms of business organizations: Sole proprietorship – Features, advantages & disadvantages. Partnership - Features, advantages & disadvantages. Joint stock Company – Features, advantages & disadvantages. Co-operative – Features, advantages & disadvantages.

Module 4: Management and incentives for small scale industries

(12 Lectures)

Fundamentals of management: productions and operations management- working capital management, marketing management - Human resource management- Total quality management - Management information system- Incentives to small scale industries.

References:

1. Barra G.S, Dangwal R.C. Entrepreneurship and Small Scale Industries New Potentials – Deep & Publications 1999
2. Desai Vasant, Dynamics of Entrepreneurial Development and Management, Himalaya Publication
3. Khanka C.S., Entrepreneurial Development. S. Chand and Company
4. Khushpat S. Jain House Export Import Procedures and Documentation' Himalaya Publishing House
5. Murthy C.S.V. Small Industries & Entrepreneurship Development, Himalaya Publication
6. Singh P.N. and Saboo J.C., Entrepreneurship Management, P.N.Singh Centre

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XI	CREDIT	MARKS
ECOEEA505	ENVIRONMENTAL ECONOMICS - I	4	100

Course Objectives

This course introduces the learner to the basic concepts, economic instruments and policy options in managing the environment. The impact of development on environment is suitably addressed under the rubric of sustainable development. Economic implications of environmental policy and valuation of environmental quality are important areas of concern to be covered. The students are sensitized to the role of human decisions in affecting the environmental quality and managing global environmental issues. The causes, effects and measures to control different types of pollution are impressed upon. The environmental accounting practices, policies, impact and risk analysis focusses on India.

Course Outcomes

- On the completion of this course, the student will have a good understanding of contemporary environmental issues and their relation to economic development.
- The learner will be equipped to understand the methodologies and tools of valuing the environment.
- In the light of international environmental agreements, the learners will be able to understand the global approaches and policies adopted by India to deal with the environmental issues.

Module1: Introduction to Environmental Economics

(12 Lectures)

Environmental Economics: Nature, Significance and Scope; Environment and the economy; Environmental Kuznets Curve; Common resources, externalities and property rights; Coase Theorem; Rio Declaration and Agenda 21 programme of action for sustainable development.

Module 2: The Design and Implementation of Environmental Policy

(12 Lectures)

Criteria for evaluating environmental policies; Tools of Environmental Policy: Standards, Pigovian taxes/effluent fees, quotas/tradable permits; Choice between taxes and quotas; Environmental Policy: Regulation and Implementation.

Module 3: Measuring Benefits of Environmental Improvements

(12 Lectures)

Economic value of Environment: Use and Non-use values; Measurement methods of environmental value: Market based and Non-market based methods; Contingent Valuation Method; Travel Cost Method; Hedonic Price Method.

Module 4: Global Environmental Issues

(12 Lectures)

Trade and environment-Overview of trans-boundary environmental problems-Global Warming - Climate Change - Energy Crisis - Challenges of urbanization - International environmental agreements.

References:

1. Barry Field and Martha K Field: Environmental Economics, McGraw Hill International Edition, 2017.
2. Benneer, Lori Snyder, and Cary Coglianese (2004), Evaluating Environmental Policies, KSG Faculty Research Working Paper Series RWP04-049, USA
3. Charles Kolstad : Environmental Economics, Oxford University Press, New York, 2000.
4. Hanley Nick, Shogren Jason and White Ben: Introduction to Environmental Economics, Oxford University Press, 2001.
5. Mickwitz, Per. (2003). A Framework for Evaluating Environmental Policy Instruments Context and Key Concepts. Evaluation.
6. Smith Stephen: Environmental Economics: A very Short Introduction, 1st Edition, Oxford University Press, New York, 2011.

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XI	CREDIT	MARKS
ECOEIB505	ECONOMICS OF INSURANCE - I	4	100

Course Objectives

The course is designed to provide an understanding of the fundamentals of insurance. Insurance has a profound impact on the society as it manages, diversifies and absorbs the risk of individuals and organisations. Insurance companies as risk management service providers serve as bulwarks for the development of productive activities fuelling demand, facilitating supply and trade. The important role played by the insurance institutions in mobilizing savings and diverting them for capital formation is well known. In recent years, uncertainties experienced in life have been increasing and this in turn has created demand for insurance. With the opening of the insurance sector to private players, the interest in the subject has increased. The paper on Economics of Insurance attempts to provide a fairly comprehensive view of the subject to the undergraduate students in Economics.

Course Outcomes

- Identify and define basic terms and concepts of insurance
- Describe the importance of insurance for an individual and the economy
- Understand the concept of risk and its types, and the process of risk management.

Modul 1: Introduction

(12 lectures)

Definition of Insurance, Characteristics of Insurance, Principles of Insurance, Distinction between Assurance and Insurance ,Purpose and need of insurance, Functions of Insurance, Classification of Insurance, Limitations of Insurance.

Modul 2: Risk and Risk Management

(12 lectures)

Concept of Risk, Risk Vs Uncertainty – Loss and chances of loss, Perils, Hazards, Types of Risk, Classification of Pure risk, Elements of insurable risk, Losses and methods of handling pure risk, Asymmetries of information - Adverse selection and Moral hazard in insurance, Risk management process - Risk analysis, Risk control, Risk financing, Risk transfer.

Modul 3: Recent Trends in Insurance Sector

(12 lectures)

Insurance and economic development, Insurance institutions as financial intermediaries; insurance institution as investment institution; Growth & Performance of Public & Private Insurance Companies in India: Life and Non-Life sector including foreign collaborations; Disinvestment of LIC, Listing of Public & Private Insurance companies in Stock market; Government policies in insurance – Ayushman Bharat Yojna, Pradhan Mantri Suraksha Bima Yojna, Pradhan Mantri Jeevan Jyoti Bima Yojna.

Modul 4: Reinsurance

(12 lectures)

Definition, Objectives of Reinsurance, Role of Reinsurance, Techniques of Reinsurance. Role of Reinsurer, Role of General Insurance Corporation of India (GIC Re), Issues and challenges in Indian Reinsurance.

References:

1. Dr. PK Gupta (2011), Insurance & Risk Management, Himalaya Publishing House.
2. Dr. MJ Mathew (2005), Insurance Principles & Practice, RBSA Publishers.
3. E. Rejda George, McNamara Michael (2017), Principles of Risk Management & Insurance, Pearson Education.
4. Kishore Kumar Das (2016), Insurance Sector in India: Problems, Possibilities and Prospects, IBP, New Delhi.
5. Meltem Tumay (2009), Asymmetric Information & Adverse Selection in Insurance Markets: The problem of Moral Hazard at dergipark.org.tr/tr/download/article-file/146009.
6. PK Gupta (2017), Fundamentals of Insurance, Himalaya Publishing House.

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XI	CREDIT	MARKS
ECOMEAC505	MATHEMATICS FOR ECONOMIC ANALYSIS	4	100

Course Objectives

This course aims to equip students with mathematical tools, formulae and expressions, which will enhance their capacity to understand and interpret economic theory. The course introduces mathematical techniques commonly used for planning and resource allocation.

Course Outcomes

- By the completion of the course, students can solve the economic problems by using mathematical techniques.
- The application of these mathematical techniques will help them to analyse the real world problems and to bring out impeccable interpretations in any discipline.

Module 1: Set Theory, functions and Graphs

(12 Lectures)

A set and its elements- basic set operations- Functions and Graphs- Algebraic and Non- Algebraic; Slope and intercept of a straight line- Economic Applications: Demand and supply functions-Savings-Investment- Consumption function etc.

Module 2: Derivatives and its Applications

(12 Lectures)

Derivative of function – Rules of differentiation, Partial derivatives - First and Second orders - Total differentiation- Maxima and minima of two or more than two variables.

Applications in Economics: Constrained and unconstrained optimization- Cost minimisation- Profit maximisation- Optimization of utility and production functions using Lagrange Multiplier.

Module 3: Integration and its Applications**(12 Lectures)**

Basic rules of integration – Definite and Indefinite integrals- Area under the curve.

Economic applications- Capital formation- Consumer's and Producer's Surplus- Measures of Inequality- Lorenz curve- Gini- coefficient and Pareto distribution.

Module 4: Matrix Algebra**(12 Lectures)**

Meaning and types of Matrices- Matrix Operations (upto 3×3) Matrix – Addition- Matrix multiplication, Transpose of matrix- Inverse of a Square Matrix- Rank of a matrix- Adjoint of a matrix- Characteristic Roots and Vectors- Simultaneous linear equations- Determinants- Minors and Cofactors- Solution to equations by Cramer's Rule- Applications in economics: Input -Output model.

References:

1. Chiang, Alpha (1994). Fundamental Methods of Mathematical Economics. McGraw Hill.
2. Dowling, Edward T (2004): Introduction to Mathematical Economics Schaum's Outline Series in Economics. Tata McGraw –Hill.
3. Lerner, Joel J and P. Zima (1986). Theory and Problems of Business Mathematics. McGraw Hill.
4. Rosser, Mike (2003). Basic Mathematics for Economists. Routledge, Taylor & Francis Group.
5. Soni, R. S. (2009). Essential Business Mathematics & Business Statistics, Ane Books Pvt. Ltd.
6. Sydsaeter, K and P. Hammond (2002). Mathematics for Economic Analysis. Pearson Educational Asia.

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XII	CREDIT	MARKS
ECOEMA506	ECONOMY OF MAHARASHTRA-I	3	80

Course Objectives

This paper provides a detailed account of various sectors of economy of Maharashtra i.e. natural

resources, population, agriculture, industry, infrastructure, fiscal policy and human development. These units will introduce the various challenges faced by the economy of Maharashtra and efforts of the Government to tackle them.

Course Outcomes

- Students get acquainted with all varied sectors of the economy of Maharashtra
- Awareness on challenges to be faced and measures to tackle the challenges

Module 1: Introduction to Economy of Maharashtra

(12 Lectures)

Location and administrative divisions- Important features of the economy of Maharashtra- land, forest, climate and rainfall, fisheries and mineral resources-Formation of Maharashtra state- Sanyukt Maharashtra Movement – structural changes in state domestic product since 1991 -Maharashtra's place in India in various economic indicators.

Module 2: Demography of Maharashtra

(12 Lectures)

Size and growth rate –Density- Birth rate, Death rate and infant mortality rate - Urban and rural population -Literacy rate - Sex ratio - Migration - Labour force -SC and ST population - Employment Guarantee Scheme (EGS) - Unemployment and poverty.

Module 3: Agriculture Development in Maharashtra

(12 Lectures)

Significance of agriculture in the economy of Maharashtra - Land utilisation in Maharashtra- Cropping pattern and per hectare yield -Trends in land productivity - Land reforms -Intensity of irrigation - Inequalities in land distribution in Maharashtra - Cooperatives in Maharashtra- Agricultural finance - Food security-Concept of PDS- Buffer stock of foodgrains- Allocation - Issue of farmers suicide - Agricultural policy in Maharashtra.

Module 4: Industrial Sector & Service Sector in Maharashtra

(12 Lectures)

Major manufacturing industries - Important ratios of industrial groups in Maharashtra - Incentives and promotions to various industries in Maharashtra -Industrial policy of Maharashtra 2019 and 2024 -The

role of MIDC, SICOM, MSFC, SEZ in industrial development - Foreign Direct Investment (FDI) in Maharashtra since 1991- Role of service sector in the economy of Maharashtra - sector in employment - Banking and finance.

References:

1. JungaleMangala (2008): Maharashtrachi Arthvyavastha (Marathi), Prashant Publications, 17, Stadium Shopping Centre, Opp. State Bank, Jalgaon –age No. 9 to 19.
2. Kurulkar R. P. (1997): Maharashtrachi Arthvyavastha (Marathi), Vidya Prakashan, Ruikar Marg, Nagpur. Page No. 153 to 179.
3. Munagekar Bhalchandra (2003) :The Economy of Maharashtra – Changing Structure and Emerging Issues, Dr. Ambedkar Institute of Social and Economic Change, Mumbai.
4. Patil J. F. (2010) :Suvarna Mahotsavi Maharashtrachi Badalati Arthvyavastha (Marathi), Abhijit Pratap Pawar, Sakal Papers Ltd., 595, Budhwar Peth, Pune-411002Page No. 41 to 57.
5. Pansare Govind (2012) :Maharashtrachi Arthik Pahani – Paryayi Drushtikon (Marathi), Shramik Pratishthan, Red Plug Bldg., Bindu Chowk, Kolhapur, Page No. 159 to 195.
6. World Bank (2002) India: Maharashtra Reorienting Govt. to Facilitate Growth and Reduce Poverty.

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XII	CREDIT	MARKS
ECOHETB506	HISTORY OF ECONOMIC THOUGHT - I	3	80

Course Objectives

The very purpose of this course is to provide information about the biography and contribution of the most influential economists who influenced the economic fraternity and to whom we are obliged to for shaping up the economic thought process.

Course Outcome:

- Students will get information about the genesis of Economics and its modern scenario.
- Establish the co-relation of Economics with other subjects.

Module 1: Classical Economics

(12 Lectures)

Mercantilism and Physiocracy: Introduction -Adam Smith: Liberalism -Division of Labour -Theory of Value - David Ricardo: Rent Theory- Wage Theory - Theory of Value- Karl Marx: Surplus Value Materialistic Interpretation of History -Scientific Socialism.

Module 2: Neo-Classical Economics

(12 Lectures)

Alfred Marshall : Thought on Value - Representative Firm - Consumer's Surplus - Internal and External Economies-Quasi Rent - Schumpeter: Economic Development And Innovation- Pigou :Welfare Economics.

Module 3: Keynesian Ideas

(12 Lectures)

Employment Theory- Money- Wage Rigidity Model- Multiplier and accelerator and their interaction - Trade Cycle - Inflation -Role of Fiscal Policy - Keynesian Economics and Developing Countries.

Module 4: Post-Keynesian Economics

(12 Lectures)

Supply Side Economics -Hayek's Theory of Trade Cycle- Life Cycle theory Consumption- Friedman: Theory of Demand for Money - Long-Run Philips Curve - Mankiw's New Keynesian Model - Stagflation.

References:

1. Dasgupta A. K, Epochs of Economic Theory Oxford University Press. New Delhi, 1985.
2. Ernesto Screpanti and Stefano Zamagni, An Outline Of The History Of Economic Thought, OxfordUniversity Press Inc., New York, 5005.
3. Ghosh and Ghosh: Concise History of Economic Thought, Himalaya Publishers.
4. Gide, O. and G. Rist, A History of Economics Doctrine. George Harrop Co. London. 1956.
5. Harry Landreth and David C. Colander, History of Economic Thought, Houghton Mifflin Company Boston Toronto, 2001.
6. Roll, E., A History of Economics Thought. Faber Landon, 1973.

TYBA ECONOMICS (SEMESTER-V)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO -XII	CREDIT	MARKS
ECOIBFC506	INTERNATIONAL BANKING AND FINANCE- I	3	80

Course Objectives

This syllabus serves as an introduction to the fundamentals of international finance. Various types of exchange rate systems and related developments are incorporated to understand the emergence of contemporary exchange rate systems. The students will make an in-depth study of foreign exchange market and international capital markets.

Course Outcomes

- Upon completion of the course the students are clear about the fundamentals of International Finance.
- They come across various types of exchange rate systems and related developments and emergence of contemporary exchange rate systems.
- It enable them in-depth study of foreign exchange market and international capital markets
- The course will result in the project work based on empirical case studies suggestive- examples: foreign exchange arithmetic, direct, indirect and cross rate and percentage spread.

Module 1: Fundamentals of International Finance

(12 Lectures)

Meaning and scope of international Finance - Balance of payments: structure and components- Convertibility of currency- International Monetary system- Gold Standard - Bretton Woods System - failure of Bretton Woods- Smithsonian agreement- Special Drawing Rights- European Monetary system.

Module 2: contemporary Exchange Rate Systems

(12 Lectures)

Current exchange rate system- Fixed exchange rate - Flexible exchange rate - Merits and Demerits of fixed and flexible exchange rate - Types of fixed exchange rates hard pegs and soft pegs-Types of flexible exchange rate managed float and free float- Exchange rate determination under fixed and flexible exchange rate system.

Module 3: Foreign Exchange Market

(12 Lectures)

Meaning and nature of foreign exchange market-Participants in foreign exchange market- Retail and wholesale components of forex market - Role of FEDAI, FEMA and regulatory framework- Foreign exchange arithmetic - Exchange rate quotation-direct, indirect and cross rate - Percentage spread.

Module 4: International Capital Markets

(12 Lectures)

Euro currency market-origin and reasons of growth- Euro currency deposits-loan bonds and notes markets- International equity market- depositary receipt-ADR, GDR and IDR- characteristics and mechanism of depositary receipts-International bond market- domestic bonds and foreign currency bonds FCCB & FCEB.

References:

1. Cheol S. Eun ET. AL. International Finance (2012), McGraw Hill India.
2. Rajiv Srivastava, International Finance (2014) Oxford University Press, India.
3. S. AshokKumar, Global financial and Indian economy, New Century Publications, New Delhi.
4. Salvatore, Dominick, International Economics, 2008, 3rd edition, Wiley India.
5. Sodersten, Bo and Geoffery Reed, International Economics, 2006, 3rd edition.
6. V.A. Avadhani, International Finance, (2009), Himalaya Publishing House.

COURSE STRUCTURE
(APPLICABLE FROM ACADEMIC YEAR: 2021-22)
TYBA (SEMESTER –VI)

COURSE CODE		REVISED PAPER	CREDIT	MARKS
GROUP-I : CORE PAPERS				
ECOAME601	XIII	ADVANCED MACROECONOMICS – III	4	100
ECOIE602	VIV	INTERNATIONAL ECONOMICS	4	100
GROUP-II :ELECTIVE PAPERS				
ECOIFSA603	XV	INDIAN FINANIAL SYSTEM-II	3	80
OR				
ECOACB603	XV	ECONOMICS OF AGRICULTURE AND CO - OPERATION – II	3	80
OR				
ECOILC603	XV	INDUSTRIAL AND LABOUR ECONOMICS – II	3	80
ECORMA604	XVI	RESEARCH METHODOLOGY - II	4	100
OR				
ECOQEB604	XVI	QUANTITATIVE ECONOMICS - II	4	100
OR				
ECORDC604	XVI	RURAL DEVLOPMENT	4	100
ECOEEA605	XVII	ENVIRONMENTAL ECONOMICS - II	4	100
OR				
ECOEIB605	XVII	ECONOMICS OF INSURANCE - II	4	100
OR				
ECOBEC505	XVII	BASIC ECONOMETRICS	4	100
ECOEMA606	XVIII	ECONOMY OF MAHARASHTRA –II	3	80
OR				
ECOHETB606	XVIII	HISTORY OF ECONOMIC THOUGHTS – II	3	80
OR				
ECOIBFC606	XVIII	INTERNATIONAL BANKING AND FINANCE – II	3	80

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-I : CORE PAPER PAPER NO –XIII	CREDIT	MARKS
ECOAME601	ADVANCED MACROECONOMICS - III	4	100

Course Objectives

This course introduces the students to formal modeling of a macro economic theory with analytical tools. Since students have been taught Keynesian Synthesis, this course focuses on four aspects which are the study of Post Keynesian Synthesis, Trade Cycles, Exchange Rate Regimes and International Monetary System.

Course Outcomes

- To make student aware about Post Keynesian Synthesis and understand various aspects of Trade Cycles.
- Students will be able to describe the contemporary Exchange Rate Regimes and International Monetary System.

Module 1: Post Keynesian Synthesis

(14 Lectures)

Derivation of Aggregate Demand Curve with IS-LM - Aggregate Supply Curve - Determination of Equilibrium National Income and Price Level under Aggregate Demand and Aggregate Supply Model - Extension of IS-LM Model with Labour Market and Flexible Prices - Natural Rate of Unemployment- Long run Philips Curve - Friedman's Expectation Model - Tobin's Modified Philips Curve - Adaptive Expectations and Rational Expectations.

Module 2: Trade Cycles

(12 Lectures)

Meaning- Nature- Features and Types of Trade Cycles - Phases of Trade Cycles - Theories of Trade Cycles- Hawtrey's, Kaldor, Paul Samuelson and Hicks - Measures to Control Trade Cycles.

Module 3: Exchange Rate Regimes and Currency Crises

(12 Lectures)

Managed Exchange Rate- Advantage and Disadvantage - Policy of Managed Flexibility-Adjustable Peg System, Crawling Peg System, Managed Floating System, Clean and Dirty Float System - Balance of Payment and Exchange Rate - Is Balance of Payments Always in Balance? – Convertibility of Currency - Currency Crisis-Causes, Impact and Measures.

Module 4: International Monetary System

(12 Lectures)

Rise and Fall of International Gold Standard - Bretton Woods System- Breakdown of the Bretton Woods System - Monetary System after the Collapse of Bretton Woods System - Maastricht Treaty, Features, Effects and Importance of Euro- Currency Market - Causes and Consequences of Global Economic Crisis - Impact of Global Recession on the Indian Economy - Asia Infrastructure Investment Bank (AIIB) - New Development Bank (NDB): Asian Development Bank (ADB).

References:

1. Blanchard, Oliver (2008), Macroeconomics, Pearson education, New Delhi, India.
2. Dornbusch, Fisher and Startz (2018): Macroeconomics, McGraw Hill Education (India) Pvt. Ltd.
3. Mankiw N Gregory (2003), Macroeconomics, 6" edition, Worth Publishers, New York.
4. Patil J. F (2005, Marathi Edition), Macroeconomic Analysis, Phadke Prakashan, Kolhapur.
5. Rana K. C. & Verma K.N (2017), International Economics, Vishal Publishing CO. Jalandhar.
6. Salvatore D. (1997), International Economics, Printice Hall, New York.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-I : CORE PAPER PAPER NO – XIV	CREDIT	MARKS
ECOIE602	INTERNATIONAL ECONOMICS	4	100

Course Objectives

The course is designed to provide a general understanding of the fundamentals of International Trade Theories along with the balance of payment concepts, crisis and various policy measures to correct the

same. It also provides overview of the working of foreign exchange market, determination of exchange rate and different terms related with the foreign exchange market. The course introduces the main features of the international economic institutions and enables them to critically understand role and functions of those institutions.

Course Outcomes

- Students will be able to understand the trade theories and determinants of trade which helps them to analyze the international trade policies.
- Students will be able to understand the role of various international institutions and trade blocks and their approaches in framing the policies for trade.

Module 1: Introduction to Trade Theories

(12 Lectures)

Meaning, scope and importance of International Trade- Difference between Internal and International Trade - Adam Smith's Theory of International Trade - Ricardian theory of comparative cost difference Heckscher- Ohlin Theory-Leontief's Paradox- Krugman's Model

Module 2: Balance of Trade and Balance of Payment

(12 Lectures)

Concepts of Terms of Trade(Net barter, Gross barter and Income terms of trade)-Meaning and difference between Balance of Trade (BOT) and Balance of Payment (BOP)-Purchasing Power Parity theory, Law of Reciprocal Demand-Marshall-Edgeworth Offer curves, Gains from trade-Case for and against Free Trade and Protection policy

Module 3: Foreign Exchange Market

(12 Lectures)

Meaning and Functions of Foreign Exchange Market-Exchange rate determination, Factors influencing foreign exchange rate-Managed Flexibility-SWAP Market, Components of foreign exchange reserves Foreign Aid Vs Foreign Trade, FDI and MNCs

Module 4: International Economic Institutions and Economic Integration

(12 Lectures)

IMF, World Bank - Role and functions-WTO-Objectives, Functions and Agreements with respect to

TRIPS, TRIMS, GATS, AoA - Forms and objectives of Economic Integration-Cartels-Trade Blocs, ASEAN- European Union (EU)- NAFTA and SAARC.

References:

1. Appleyard Dennis and Alfred j Field, Jr, International Economics, 2001, 4th Edition, Tata McGraw-Hill Education Private Limited.
2. Cherunilam Francis, International Economics, 2009, 5th Edition, Tata McGraw-Hill Education Private Limited, New Delhi.
3. Krugman R Paul, Maurice Obstfeld, International Economics Theory and Policy, 2009, 8th Edition, Pearson.
4. Melitz M. and Trefler D., Gains from Trade When Firms Matter, Journal of Economic Perspectives, Spring 2012.
5. Salvatore, Dominick, International Economics, 2008, 8th Edition, Wiley India.
6. Sodersten, Bo and Geoffery Reed, International Economics, 2006, 3rd Edition.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XV	CREDIT	MARKS
ECOIFSA603	INDIAN FINANCIAL SYSTEM-II	3	80

Course Objectives

The paper is framed to provide information on various financial markets including the participants, regulators of the respective markets and role of intermediaries. The syllabus also provides students with an overview of the features of the markets in India and the reforms that have been carried out in them over a period of time. Certain topics have been also incorporated to facilitate the students with practical exposure to the functioning of these markets and they indicate potential topics for case studies and taking up small research projects.

Course outcomes

- Focuses on features and functioning of financial markets as well as reforms therein.

- Empowers students about the evolution and significance of financial services, overview of new products and practices in the provision of financial services.
- Project work based on empirical case studies involving data analysis; suggestive examples: equity research, derivative pricing, analysis of financial performance of corporates, study of capital structure of corporates, mapping the trends in stock market indices, CIBIL score & lending practices of banks.

Module 1: Money Market and Debt Market

(12 Lectures)

Money market: meaning and functions- Structure of money market in India (dichotomous & heterogeneous) - Participants and instruments in Indian money market- Features of Indian money market - Reforms in Indian money market - Role of the RBI.

Debt market: meaning & functions - Segments in debt market- Participants & instruments in debt market - Role of intermediaries and the government in debt market - Recent trends in India's debt market.

Module 2: Capital market

(12 Lectures)

Capital market: meaning, role and factors affecting growth of capital market - Structure of capital market- New issues or primary market: features, participants & intermediaries - Overview of issue mechanisms or methods of raising primary issues- Reforms in primary segment of Indian capital market & role of the SEBI.

Secondary market: features, participants & intermediaries - Listing of securities: types, advantages, requisites of listing - Basic mechanism of trading in securities - DEMAT- introduction to major stock exchanges in India: BSE, NSE and OTCEI- Reforms in secondary segment of Indian capital market.

Module 3: Derivatives Market

(12 Lectures)

Derivatives: Need and significance - Participants in derivative markets- Types of derivatives (a. based on the underlying entity- financial, commodity, foreign currency, credit & interest rates and b. based on instruments- forwards, futures, options, swaps) - Pricing of derivatives: futures pricing, cost-of-carry model, options pricing -Derivative markets in India: evolution & growth, NCDEX, MCX, regulation of derivatives trading in India.

Module 4: Financial Services in India**(12 Lectures)**

Insurance: meaning, types, evolution and growth, E-portal for insurance policies, IRDA and PFRDA-
Mutual Funds: meaning, composition, advantages, types of schemes-Evolution & growth, AMFI-
Merchant banking: Evolution & growth, scope and recent developments in India - Credit rating: meaning,
role and significance, agencies- depository services.

References:

1. Bhole, L. M. (2008): Financial Institutions and Markets, Growth and Innovation, Tata McGraw-Hill, New Delhi.
2. Khan, M.Y. (2007): Financial Services, Tata McGraw Hill, New Delhi.
3. M.Y. Khan, Indian Financial System
4. Pathak, Bharati (2008): The Indian Financial System –Markets, Institutions, and Services, (2nd Edition), Pearson Education, New Delhi.
5. Rajesh Kothari, Financial Services in India: Concept and Application
6. Vasant Desai, Indian Financial system.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XV	CREDIT	MARKS
ECOACB603	ECONOMICS OF AGRICULTURE AND CO-OPERATION-II	3	80

Course Objectives

The paper is designed to provide various aspects related to the Principles of cooperation and cooperative organizations in the globalized economy. The essentials of cooperative finance are dealt in with reference to the latest trends. The cooperative movement has a long history of more than hundred years. Indian Cooperatives Structure is one of the largest networks in the world. Under this backdrop the student should study the principles and role of cooperation in the modern era.

Course Outcomes

- Students can understand the basic Principles of Cooperation, Globalization and Cooperation.
- Provides information about co-operative Movement in India and its performance and role in rural development.
- Students get introduced to the problems and measures of agro industries and Cooperative farming and Leadership in cooperative development.

Module 1: Co-operation

(12 Lectures)

Meaning and features of Co-operation- Principles of Co-operation (Manchester-1995) - Role of Co-operation in Economic development - Globalization and Co-operation-Importance and Benefits of Co-operation - Co-operative Movement in foreign Countries - Consumer Cooperative Movement in U.K- Agricultural Cooperative Movement in Israel.

Module 2: Co-operative Finance in India

(12 Lectures)

Co-Operative Finance: Need, Structure. Progress and Problems - National Co-operative Development Corporation (NCDC) - Farmers service societies - Urban Co-operative banks,

Module 3: Agricultural Co-operatives

(12 Lectures)

Role and Types of Agro-Industries - Problems and Measures of Agro-Industries - Sugar and Dairy Co-operatives - Food and Fruits Processing Industry - Co-Operative Farming.

Module 4: Co-operative Organizations in India

(12 Lectures)

Consumer Co-operatives - Co-operative Marketing - NAFED - Housing Co-operative societies Labour Co-operative societies - Leadership in Cooperative development - Concept of Co-Operatives Audit.

References:

1. Bedi R. D. (2001), Theory, History and Practice of Co-Operation, International Publishing House, Meerut (U.P.).
2. Government of Maharashtra - Co-operative movement at a Glance (latest annual report).

3. Hajela T.N, (2000), principles, problem and practice of Co-operation, Agarwal Publication, New Delhi.
4. Mathur B. S, (2000), Co-Operation in India, Sahitya Bhavan, Agra.
5. Matthai John, (1996), Agricultural Co-Operation in India, Reliance Publishing House, New Delhi.
6. Swami Krishna, (1985), Fundamentals of Co-Operation, S. Chand and Company Ltd, New Delhi.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XV	CREDIT	MARKS
ECOILC603	INDUSTRIAL AND LABOUR ECONOMICS-I	3	80

Course Objectives

Issues pertaining to the labour market, wage policy, trade unions and amicable solutions to industrial disputes have become vital for developing countries, especially for India, where the bulk of the labourforce is employed in the unorganised sector, and the organized sector is witnessing a phenomenon of 'jobless' growth. This paper intends to provide knowledge of the same and also discusses the importance of labour welfare and social security measures for the growing labour force in India.

Course outcomes

- Learners become aware about different problems and policies a labour.
- Learners will get intoned about trade unions and industrial relation in contemporary world.
- Learned will know the different policies of labour welfare.

Module 1: Introduction - Indian Labour Market

(12 Lectures)

Characteristics of the Indian Labour Market, Child Labour and Women Labour -Problems and Measures, Labour Market Reforms - Exit Policy and Need for Safety Nets, Second National Commission on Labour, Globalization and its impact on Indian Labours.

Module 2: Trade Unionism

(12 Lectures)

Definition and Functions of Trade Unions, Historical Evolution of Trade Unions in India and their Present Status- Problems of Trade Unions in India- Role of Outside Leadership- International Labour Organization.

Module 3: Industrial Relations

(12 Lectures)

Causes of Industrial Disputes and Their Settlement Mechanism- Collective Bargaining - Concept, Features - Importance and Pre-requisites for Successful Collective Bargaining - Collective Bargaining in India -Workers' Participation in Management- Concept, Objectives and Forms of Workers'Participation in India -Working Conditions and life style of Indian workers.

Module 4: Labour Welfare and Social Security

(12 Lectures)

Concept -Theories and Principles of Labour Welfare- Agencies for Labour Welfare, Role of the Labour Welfare Officer - Social Security-Concept; Social Assistance and Social Insurance – Social Security Measures in India - Indian Labour Legislations.

References:

1. Agrawal A.N. (2011), Indian Economy, New Age International Publishers, New Delhi.
2. CO Monappa A, (2006), Industrial Relations, Tata McGraw Hill Publishing Company Ltd, New Delhi.
3. Datt R. and Sundaram K.P.M. (2009), Indian Economy, S.Chand & Co., New Delhi.
4. Mamoria C.B. and Mamoria S. (2002), Dynamics of Industrial Relations, Himalaya Publishing House, Mumbai.
5. U. Mishra S.K. and Puri V.K.(2008), Indian Economy, Himalaya Publishing House, Mumbai.
6. U. Ratna Sen, Industrial Relations in India - Shifting Paradigms (2005), Macmillan, New Delhi.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XVI	CREDIT	MARKS
ECORMA604	RESEARCH METHODOLOGY - II	4	100

Course Objectives

This paper 'Research methodology-II' has various objectives, like to enable students in understanding application of statistics in research, to prepare learners to realize about various analytical tools and methods in research, to orient the students to know index numbers, hypothesis formulations and testing and to make student understand about the research report writing.

Course Outcomes

- The learners get assimilated to the research culture in Economics through application of statistics.
- The learners will understand the concept of index number with its use and applications.
- The course will help in formulation of hypotheses and its testing in social science research.
- The students will understand the writing of social science research reports with its various types, organization and styles.

Module 1: Application of Statistics in Research

(10 Lectures)

Methods of studying correlation- measurement of simple correlation: graphic method- Scatter diagram- Coefficient of correlation- Karl Pearson and rank correlation- Interpretation of $r = +1$. Linear regression analysis: Meaning, regression lines, regression equation, regression equation relationship between correlation and regression- Analysis of time series- Components- Trend analysis- Moving averages (3, 4 and 5 Yearly)- Method of least square.

Module 2: Index Number:

(14 Lectures)

Meaning and classification of index number - Problems encountered while constructing index numbers- Uses and limitation of index numbers - Methods of constructing index numbers: Simple index:

i) Aggregate method ii) Simple average of Relative method - Weighted index: Laspeyer's, Paache's, Fisher's and Marshall- Edgeworth - Base shifting - Deflating and Cost of living index number: Weighted average of Relative method - Aggregate Expenditure method- Chain based index - Concepts of base shifting, splicing, and deflating - Consumer price index- Meaning, need and construction.

Module 3: Hypothesis Formulation and Testing

(10 Lectures)

Definition and functions of Hypothesis - Criteria of workable Hypothesis - Forms and sources of hypothesis- Concepts in testing of hypothesis: Universe / Population parameter and sample statistics- Types of hypotheses: Null and Alternative Hypotheses-Levels of significance-Critical region -Type I and Type II Errors -Student t- test.

Module 4: Research Report Writing

(14 Lectures)

Types of research reports: Technical, Popular, Interim, Summary, Article- Format of a research report- Principles of writing the research report: Organization and style - Contents- Styles of reporting- Steps in drafting reports- Editing the final draft-Evaluating the final draft -Organization of the research report: Preliminaries, Contents of report, Structuring the report: Chapter format- Pagination- Identification- Using quotations, Presenting footnotes- Abbreviations- Presentation of tables and figures- Referencing documentation-Use and format of appendices- Indexing - Bibliography, Appendices.

References:

1. Allen, T. Harrell (1978), New methods in social science research, Praeger Publishers, New York
2. Bhandarkar P.L.,(1994), Samajik Sanshodhan Padhati, Himalaya Publication, New Delhi, (Marathi)
3. Ghosh, B.N, (1992). Scientific methods and social research, Sterling publishers Pvt. Ltd, New Delhi.
4. Gupta S. P, (1987), Statistical methods, Sultan Chand and Sons, New Delhi
5. Kothari R.C. (2008), Research methodology, methods and techniques, New Age International Publishers, 2nd revised edition, New Delhi.
6. Krishnaswamy O.R. (1993), Methodology of research in social sciences, Himalaya Publishing House, Mumbai

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XVI	CREDIT	MARKS
ECOQEB604	QUANTITATIVE ECONOMICS – II	4	100

Course Objectives

This paper proposes to equip the students with the idea of derivatives and integration along with its application in economic theory. The aim is to empower students with quantitative techniques such as correlation, regression and time-series, which will aid in for data analysis.

Course Outcomes

- Upon the completion of course Students will be able to apply the techniques of derivatives and integration to economic theory
- Students can handle time series data and interpret the results.

Module 1: Techniques and applications of partial derivatives (12 Lectures)

Functions of several variables and partial derivatives - Second order partial derivatives - Optimization of multivariable functions-Constrained optimization with Lagrange multiplier and its economic interpretation -Marginal productivity, Income and cross price elasticity of demand - Homogeneous production functions and returns to scale - Cobb- Douglas production function

Module 2: Integral Calculus (12 Lectures)

Integration and Definite integral; area under the curve - Economic applications - Present value of cash flows (present value of a sum to be received in future and present value of a stream of future income) - Consumer's and Producer's Surplus.

Module 3: Correlation and Regression Analysis (12 Lectures)

The meaning and significance of Correlation; Scatter plot of Bivariate Distributions; Correlation and

Causation - Karl Pearson's coefficient of correlation: Spearman's rank correlation coefficient - Simple regression analysis- Method of Least Squares and Regression Lines, Regression Coefficients, Relationship between correlation coefficients and regression coefficients, Estimation and forecasting of trend by the Least Squares Method.

Module 4: Index Numbers and Sampling Methods

(12 Lectures)

Simple and composite index numbers- Construction, uses and problems of index numbers- Laspeyre's, Paasche's and Fisher's Index numbers- Cost of living index numbers-real income - wholesale price index number- Splicing of index numbers, Sampling -Principal steps in a sample survey, methods of sampling, the role of sampling theory.

References:

1. Chiang A.C (1984). Fundamental Methods of Mathematical Economics, 3rd ed., McGraw-Hill.
2. Dowling Edward T. (1993). Theory and Problems of Mathematical methods for Business and Economics. McGraw - Hill.
3. Dowling Edward T. (2004). Introduction to Mathematical Economics Schaum's Outline Series in Economics, Tata McGraw Hill.
4. Gupta S.P. (2014). Statistical Methods, S. Chand publishing.
5. Lerner Joel J and P. Zima (1986). Theory and Problems of Business Mathematics. McGraw Hill.
6. Sancheti D.C. and V.K. Kapoor (2014). Statistics-Theory Methods and Applications, S. Chand.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XVI	CREDIT	MARKS
ECORDC604	RURAL DEVELOPMENT	4	100

Course Objectives

This course would helpful to understand the various types of relationships in rural area. The learners will understand the basic issues in rural development. The course sheds light on a range of new developments

and a host of issues studied by generations of rural area experts. The course is constructed from the point of rural development arrangement.

Course Outcomes

- On the completion of the course, the students will be able to understand the basic Concept of rural development.
- Learners will also be understanding objectives and importance of rural development.
- Learners will have good understanding of problems in relation of rural development.
- Learners will come to know what rural development programmes have initiated by the government to overcome the problems of rural development

Module 1: Rural Development: Introductory Aspects (12 Lectures)

Concept, Nature and Scope of Rural Development, Characteristics of the Rural Economy, Objectives and Importance of Rural Development, The problems of Rural Development in India

Module 2: Approaches to Rural Development (12 Lectures)

Gandhian Approach, Rural Reconstruction Approach, Community Development Approach, Sectoral Approach, Participatory Approach, Area- Specific and Target Group Oriented Approach, Integrated Rural Development and Economic Development with Social Justice Approach

Module 3: Diversification of Rural Economy (12 Lectures)

Livestock economics, Dairy Development, Social Forestry, Agro-Based Industries: Problems & Remedial Measures, Role of KVIC in Rural Development, Recent Development of Science & Technology in Rural Development.

Module 4: Rural Empowerment Programmes (12 Lectures)

An Overview of Rural Development Programmes, Provisions of Urban Amenities in Rural Area (PURA), Rural Employment: Mahatma Gandhi National Rural Employment Guarantee Act-2005 (MGNREGA),

Rural Livelihoods: Deendayal Antyodaya Yojana - National Rural Livelihoods Mission (DAY-NRLM), National Social Assistance Programme (NSAP), Microfinance and Self-help Groups

References:

1. Thomas William and A.J. Christopher (2011), Rural Development: Concept and Recent Approaches, Rawat Publication, Jaipur.
2. Annual Report 2019-20, 2018-19 & State performance report-2018-19 and Action plan 2019-20, Volume-I, Ministry of Rural Development, Department of Animal Husbandary & Dairying, Government of India, New Delhi.
3. Datt & Sundharam (2012), Indian Economy, S. Chand & Company LTD. Mumbai.
4. Desai Vasant (2012), Rural Development in India, Himalaya Publishing House, Mumbai.
5. Dr. I. Satya Sundaram (2002), Rural Development, Himalaya Publishing House, Mumbai. Page No. 3 to 24
6. Eleventh Five Year Plan 2007-12, Planning Commission, Government of India, New Delhi.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XVII	CREDIT	MARKS
ECOEEA605	ENVIRONMENTAL ECONOMICS - II	4	100

Course Objectives

This paper introduces vital aspects related to environmental degradation and advocates the need for environmental accounting. The paper also focuses on the attainment of SDGs

Course Outcomes

- Students are empowered about the environmental challenges and the need for environmental accounting
- Develop understanding on the policy measures to attain SDGs

Module 1: Environmental Degradation

(12 Lectures)

Concept and types of Environmental Degradation; Renewable and Non-renewable natural resources: Land, Air, Water and Noise Pollution: Causes, effects and measures.

Module 2: Environmental Accounting

(12 Lectures)

Accounting for environmental and natural resources: Meaning and importance; System of Environmental-Economic Accounting (SEEA) and Environmental and Natural Resources Accounting (ENRA); Integration of Environmental Accounts with System of National Accounts: Green GDP; Concept of Green Growth and its Indicators; Concepts of Green Consumer and Green Business.

Module 3: Sustainable Development and India

(12 Lectures)

Concept of Sustainable Development; Characteristics and dimensions of Sustainable Development; Sustainable Development Goals and Measures with special reference to India; Smart Cities Mission in India; National Mission For Sustainable Agriculture (NMSA): Objectives, strategy and components.

Module 4: Environmental Policy in India

(12 Lectures)

Overview of laws to improve the environment in India; Central pollution Control Board; Industrial Pollution Control Measures in India; Pradhan Mantri Ujjwala Yojana (PMUY); National Green Tribunal.; Environmental Education in India.

References:

1. Barry Field and Martha k Field: Environmental Economics, McGraw Hill International Edition, 2017.
2. Bhattacharya R.N. (Ed) (2001), Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi.
3. Charles Kolstad : Environmental Economics, Oxford University Press, New York, 2000.
4. Hanley Nick, Shogren Jason and White Ben: Introduction to Environmental Economics, Oxford University Press, 2001.
5. Kaltschmitt, Martin, Streicher, Wolfgang, Wiese, Andreas, Renewable Energy: Technology, Economics and Environment, Springer, Germany, 2007.
6. V.S. Ganesamurthy: Environmental Economics in India, New Century Publications, New Delhi, 2009.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XVII	CREDIT	MARKS
ECOEIB605	ECONOMICS OF INSURANCE - II	4	100

Course Objectives

The course is designed to provide an understanding of the fundamentals of insurance. Insurance has a profound impact on the society as it manages, diversifies and absorbs the risk of individuals and organizations. Insurance companies as risk management service providers serve as bulwarks for the development of productive activities fuelling demand, facilitating supply and trade. The important role played by the insurance institutions in mobilizing savings and diverting them for capital formation is well known. In recent years, uncertainties experienced in life have been increasing and this in turn has created demand for insurance. With the opening of the insurance sector to private players, the interest in the subject has increased. The paper on Economics of Insurance attempts to provide a fairly comprehensive view of the subject to the undergraduate students in Economics.

Course Outcomes:

At the end of this course students will be able to:

- Identify and define basic terms and concepts of life, health & general insurance
- Assess the role of Insurance Sector regulator
- Understand risk classification, underwriting & premium calculation associated with insurance sector

Module 1: Introduction to Life Insurance

(12 lectures)

Meaning and Definition, Features of Life Insurance, Benefits of Life Insurance - Method of risk classification in Life Insurance - Treatment of Sub-standard risk in Life Insurance - Types of life insurance policies -Term insurance plan, Endowment policy - ULIP plan - Retirement plan - Calculation of net Premium - Calculation of single premium for one year term insurance policy - Calculation of single premium for five year term policy - Calculation of single premium for pure endowment insurance policy and calculation of single premium for ordinary endowment policy.

Module 2: Fundamentals of Life, General and Health Insurance**(12 lectures)**

Functions of Health & General Insurance - Underwriting process and methods: Definition - Objectives and Principles of Underwriting - Life insurance; Group Insurance: Meaning - Importance-Types of Group Insurance schemes.

Module 3: IRDAI & Rural Insurance**(12 lectures)**

The Insurance Act, 1938 (as amended)-The Insurance Regulatory and Development Authority Act, 1999 (as amended) -The Regulatory Body- IRDAI duties- functions-powers and role- Rural Insurance: Need and potential of rural insurance - IRDAI provisions on obligations of insurers to rural and social sector- Need and significance of Micro Insurance.

Module 4: Information Technology & Marketing in Insurance**(12 lectures)**

Need for Information technology-Technologies for Insurance (Artificial Intelligence and Machine Learning)- IT application in functional areas - Marketing of Insurance products - Critical success factors for insurance players - Distribution channels - Marketing strategies of insurance players in India.

References:

1. Dr. MJ Mathew (2005), Insurance Principles & Practice, RBSA Publishers.
2. Dr. PK Gupta (2011), Insurance & Risk Management, Himalaya Publishing House.
3. Mahipal Naresh (2017), Insurance Laws, Central Law Publications.
4. Patukale Kshitij (2016), Mediclaim & Health Insurance, Prabhat Prakashan.
5. PK Gupta (2017), Fundamentals of Insurance, Himalaya Publishing House.
6. Zweifel Peter and Roland Eisen (2012), Insurance Economics, Springer Publication.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XVII	CREDIT	MARKS
ECOBEC505	BASIC ECONOMETRICS	4	100

Course Objectives

The objective of this course is to impart a basic understanding of econometrics. At the same time, it will enhance the student's ability to apply the theoretical techniques to solve the problems of the real world.

Course Outcomes

By the completion of this course student will be able to do

- Testing of hypothesis and interpret the results in research.
- Regression analysis and interpret the results of the same in any discipline.
- Applications of relevant techniques for empirical problems in any discipline.

Module 1: Idea of a random variable & Probability Distribution (12 lectures)

Concept of a random variable: Expected values of a random variable - Variance of a random variable – Types of distributions: Bernoulli, Binomial and Poisson, normal distribution. Conditional probability- Conditional mean and variance – Covariance and Correlation -Central limit theorem (without proof).

Module 2: Elements of Hypothesis Testing (12 lectures)

Point and interval estimation - The Z distribution - The Null and Alternate hypotheses and significance testing for mean using Z distribution when population variance is known-The chi-square distribution and testing for sample variance with known population variance - The F distribution and comparing sample variances - The t distribution and hypothesis tests when population variance is unknown.

Module 3: Classical Linear Regression Model: Two Variable Case (12 lectures)

Two variable regression model-The concept of the PRF-Classical assumptions of regression - Derivation of the OLS estimators and their variance - Properties of OLS estimators under classical assumptions, Gauss-Markov Theorem (without proof) – Tests of Hypothesis, confidence intervals for OLS estimators - Measures of goodness of fit: R square and its limitations, adjusted R square and its Limitations.

Module 4: Violation of Classical Assumptions and Specification Analysis**(12 lectures)**

Multi-collinearity and its implications - Auto-correlation: Consequences and Durbin- Watson test- Heteroskedasticity: Consequences and the Goldfeld -Quandt test - Omission of a relevant variable - Inclusion of irrelevant variable.

References:

1. Damodar Gujarati (2011). Econometrics by Example. Palgrave Macmillan.
2. Damodar N., Gujarati (2003). Basic Econometrics. McGraw-Hill.
3. Hatekar N. (2010). Principles of Econometrics: An Introduction. Sage publications.
4. Jeffrey M. Wooldridge (2009). Econometrics, Cengage Learning.
5. Murray R. Spiegel (1998). Schaum's Outline of Theory and Problems of Statistics. McGraw- Hill.
6. Stock J. Watson (2003) Introduction to Econometrics. Prentice Hall.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XVIII	CREDIT	MARKS
ECOEMA606	ECONOMY OF MAHARASHTRA-II	3	80

Course Objectives

This paper enables the students to get awareness on the infrastructural aspects and policy related issues. The paper also throws light on the regional imbalances within the state.

Course Outcomes

- Provides deep understanding on the infrastructural and imbalances confronting the state.
- Throws light on the skills needed to tackle such issues

Module 1: Infrastructure in the Economy of Maharashtra

(12 Lectures)

Importance of infrastructure in economic development -Types of infrastructure: 1. Economic infrastructure; Energy, Transport & Communication - Sources of energy -Power generation - Existing Capacity - Power crises -Development of roads - Rail transport- Water transport- Civil aviation- Irrigation projects - Communication Network 2. Social Infrastructure: Health and education facilities in Maharashtra.

Module 2: Fiscal Policy of Maharashtra

(12 Lectures)

State Finance Commission, budget of state Government - Revenue Expenditure - Development and non development expenditure- Capital Expenditure- Development and non development expenditure - Trends in state Government expenditure Share in Central Government tax revenue -Taxes collected by state Government- Sources of non-tax revenue- Capital revenue sources- Trends in state Government revenue

Module 3: Regional Imbalance in Maharashtra State

(12 Lectures)

Meaning of regional imbalance -Nature of regional imbalances in Maharashtra - Causes of Regional Imbalance in Maharashtra - Problems Creates by Regional Imbalance in Maharashtra -Policy measures by State Government of Maharashtra for Regional Development.

Module 4: Human Development in Maharashtra

(12 Lectures)

Concept and importance - Comparison of HDI with other states in India - Region-wise HDI - Indicators of HDI - District-wise HDI in Maharashtra - Present situation and problems of weaker section in Maharashtra - Schemes of empowerment of weaker section in Maharashtra - Women empowerment in Maharashtra.

References:

1. Government of Maharashtra: Economic Survey of Maharashtra, Various Issues.
2. Jungale Mangala (2008): Maharashtrachi Arthvyavastha (Marathi), Prashant Publications, 17, Stadium Shopping Centre,Opp. State Bank, Jalgaon -age No. 9 to 19.
3. Munagekar Bhalchandra (2003): The Economy of Maharashtra - Changing Structure and Emerging

Issues, Dr. Ambedkar Institute of Social and Economic Change, Mumbai.

4. Pansare Govind (2012) :Maharashtrachi Arthik Pahani — Paryayi Drushtikon (Marathi), Shramik Pratishthan, Red Plug Bldg., Bindu Chowk, Kolhapur, Page No.159 to 195.
5. Patil J. F. (2010): Suvarna Mahotsavi Maharashtrachi Badalati Arthvyavastha yio)) (Marathi), Abhijit Pratap Pawar, Sakal Papers Ltd., 595, Budhwar Peth, Pune- 411002.
6. World Bank (2002) India: Maharashtra Reorienting Govt. to Facilitate Growth and Reduce Poverty.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO – XVIII	CREDIT	MARKS
ECOHETB606	HISTORY OF ECONOMIC THOUGHT-II	3	80

Course Objectives

This paper aims to provide the information about the biography and contribution of various economic thinkers. This paper is framed with the objective of making students aware of the varying phases of economic thoughts and development of that into economic science.

Course Outcome

- Students will get information about the genesis of Economics and its modern scenario.
- Students get familiarized with the leading Indian economists who significantly contributed to the stream of Indian economic thought.

Module 1: Indian Economic Thought

(12 Lectures)

Kautilya on welfare state -Dadabhai Naoroji's Thoughts on Drain Theory- Ranade's Case on Protection - R. C. Dutt on Imperialism - Land Tax and Public Finance - Gopal Ganesh Agarkar.

Module 2: Economic Thought of Mahatma Phule and Gandhi**(12 Lectures)**

Mahatma Phule's Views on Agriculture - Reasons of Farmer's Poverty - Gandhian Economic Thoughts on Self-Sufficient Village Economy - Dignity of Labour – Trusteeship - and Sarvodaya.

Module 3: Economic Thought of Dr. B.R.Ambedkar, G.K.Gokhale and Dr. Manmohan Singh**(12 Lectures)**

Dr.Ambedkar's Case for State Socialism - Problem of Rupee - Public Finance – G.K.Gokhale on Development and Welfare - Dr. Manmohan Singh's ' Three Steps' to Stem India's Economic Crisis.

Module 4: Nodel Prize Winners in Economics**(12 Lectures)**

Dr. Amartya Sen (1998) -Robert. A. Mundell (1999) -Joseph Stiglitz(2001) -Dr. Abhijeet Banarjee (2019)

References:

1. B.R.Nanda Gokhale (1977):- The indian moderates and the British raj, Delhi.
2. Ajit K.Dasgupta,A History of Indian Economic Thought, (1993)Routledge London and New York.
3. Bipin Chandra (ed) (1999) Rande's economic writings, Gyan Publication House, New Delhi.
4. Encyclopaedia of Nobel Laureate, Ed's, (2002) R. Kapila & A. Kapila, Academic Foundation.
5. Gandhi. M. K., (1959), India of my dreams, Navjivan publishing house Ahmadabad.
6. R. P. Mansi, Dadabhai Naoroji, (1960) publication Division, Government of India Delhi.

TYBA ECONOMICS (SEMESTER-VI)

COURSE CODE	GROUP-II : ELECTIVE PAPER PAPER NO –XVIII	CREDIT	MARKS
ECOIBFC606	INTERNATIONAL BANKING AND FINANCE- II	3	80

Course Objectives

This paper introduced to the fundamentals of international Banking to the students. The recent trend in international banking such as Islamic banking, Crypto currencies and their advantages and disadvantages will be familiarized. Role of International banking in foreign trade finance is incorporated to understand the international finance. In this semester, the students will make an in-depth study of international banking, financing and risk management.

Course Outcomes

- Equip students with fundamentals of International Banking.
- Provides an insight on emergence of Crypto currencies and Types of International Banking.
- Awareness on Foreign trade finance and Letter of Credit (L/C) & its types.
- The course will lead to the project work-based on empirical case studies

Module 1: International Banking –I

(12 Lectures)

Introduction to International banking- Reasons for growth of international banking-Recent trends in international banking- Emergence of Crypto currency -Advantages and disadvantages of Cyptocurrencies- Bit coins

Module 2: International Banking II

(12 Lectures)

Functions of international banking- Correspondent banking-International payment system - NRI accounts - Foreign Trade Finance - International Merchant banking - Offshore banking - International banking investment- Islamic banking.

Module 3: International Bank Financing

(12 Lectures)

Financing Export project- International Remittances-Letter of Credit - L/C -Bank guarantee-International lending operations-Loan syndication-Phases of loan syndication-Types of loan syndication-Role of International Credit Rating agencies.

Module 4: Risk Management

(12 Lectures)

Risk management and Derivatives- Types of Risks: Transaction risk, Translation risk, Economic risk, Settlement risk - Arbitrage- Hedging-Internal and External hedging- Derivative instruments for Risk Management -Forwards- Futures--Swaps- Options.

References:

1. Cheol S. Eun ET. AL., International Finance (2012), McGraw Hill India.
2. Edition by IIBF, International Banking (2011), pan McMillan.
3. Hull John C, Options, Futures and other derivatives, Pearson Education, 2005.
4. Rajiv Srivastava, International Finance (2014) Oxford University Press, India.
5. S. AshokKumar, Global financial and Indian economy' New Century Publications, New Delhi.
6. V.A. Avadhani, International Finance, (2009), Himalaya Publishing House.

UNIVERSITY OF MUMBAI



SYLLABUS FOR THIRD YEAR BACHELOR OF ARTS AND

BACHELOR OF SCIENCE

Program: T.Y.B.A. and T.Y. B.Sc.

Course: Geography

Semester - V and VI at the T.Y.B.A. and T.Y. B.Sc.

Paper IV to IX

**(Credit Based Semester and Grading System (CBSGS)with
effect from the academic year 2018-19)**

University of Mumbai
Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

T.Y.B.A. / T.Y.B.Sc. Geography, Semester – V, Paper – IV

Subject Title: GEOGRAPHY OF SETTLEMENTS

COURSE CODE: _____ (2018-19), Credit: __04__

UNIT – I: Introduction of Settlement Geography		No. of Lectures
1.1	Settlement geography: definitions, nature and scope	12
1.2	Settlement types, their characteristics and differences	
1.3	Factors influencing growth and distribution of settlements	
1.4	Importance of settlement studies in geography	
UNIT – II: Geography of Rural Settlements		12
2.1	Origin and growth of settlements - evolution of rural settlements	
2.2	Site and situation of rural settlements	
2.3	Classification of rural settlements on the basis of population and patterns	
2.4	Classification of rural settlements on the basis of spacing and functions	
UNIT – III: Rural Settlements in India		12
3.1	Distribution and density of rural settlements in India	
3.2	Structure of house and building materials in India	
3.3	Regional variations in rural settlement patterns in India	
3.4	Morphology of rural settlement in India	
UNIT – IV: Urban Settlements		12
4.1	Origin and growth of urban settlements	
4.2	Classification of urban settlements on the basis of culture and functions	
4.3	Hierarchy of urban Settlement: rank size rule and primate city	
4.4	Ashok Dutts’s models of South Asian city: port city and bazaar city	
UNIT – V: Urban Settlements in India		12
5.1	Urbanisation in India: Trends, patterns and types of towns	
5.2	Morphology of urban settlements in India (With reference to a port and inland city)	
5.3	Urban problems in Indian cities	
5.4	Smart city: Concept, need and implementation in India	

REFERENCES:

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- Gharpure, V. (2013): “Nagari Bhugol”, (Marathi) Pimpalpure and Company Publishers, Nagpur
- Gharpure, V. (2013): “Vasti Bhugol”, (Marathi) Pimpalpure and Company Publishers, Nagpur
- Gharpure, V. (2017): “Manavi Bhugol”, (Marathi) Pimpalpure and Company Publishers, Nagpur
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- Jyptirmoy Sen (2007): A Text Book of Social and Cultural Geography,” Kalyani Publsiher, New Delhi.
- Knowles, R and Wareing, J. (1996): “Economic and Social Geography”, the Made Simple Series, Rupa & Co., Calcutta
- Leong, Goh-Cheng and Morgan, G. (1994): “Human and Economic Geography”, Oxford University Press, Oxford
- Noble, A. (1998): “Using Descriptive Models to Understand South Asian Cities”, *Education About Asia*, Vol. 3, No. 3, Downloaded from <http://aas2.asian-studies.org/EAA/EAA-Archives/3/3/205.pdf>
- Siddhartha, K and Mukherjee, S. (2016): “Cities, Urbanisation and Urban Systems (Settlement Geography)”, KitabMahal, Allahabad
- Singh, L. R. (2009): “Fundamentals of Human Geography”, Sharda Pustak Bhawan, Allahabad
- Singh, R. Y. (2012): “Geography of Settlements”, Rawat Publications, Jaipur
- Tiwari, R. C. (2016): “Geography of India”, Pravalika Publications, Allahabad
- Thakur S. A. and others – “Settlement Geography”/ *Vasti Bhugol*- Konkan Geographers, Publication (2012)
- घारपुरे विठ्ठल (१९९९)वस्ती भूगोल, पिंपळापुरे अँड कं.,नागपूर

- सावंत प्रकाश (१९९८) नागरी भूगोल, फडके प्रकाशन, कोल्हापूर
- सवदी ए.बी. (२०१०) नागरी भूगोल, निराली प्रकाशन, पुणे

QUESTION PAPER PATTERN:

Time: 3 hours		Marks; 100
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
Q. 1	Long answer question on Unit-I	20 Marks
OR		
	Long answer question on unit –I for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 2	Long answer question on Unit-II	20 Marks
OR		
	Long answer question on unit –II for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 3	Long answer question on Unit-III	20 Marks
OR		
	Long answer question on unit –III for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 4	Long answer question on Unit-IV	20 Marks
OR		
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 5	Long answer question on Unit-V	20 Marks
OR		
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai
Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)
T.Y.B.A. / T.Y.B.Sc. Geography, Semester – V Paper: V-A
GEOGRAPHY OF MAHARASHTRA

COURSE CODE: _____, Credit: 04

Unit-I : Maharashtra: Geographical Setting		TOTAL LECTURES
1.1	Location, extent and boundaries	12
1.2	Administrative setup and divisions	
1.3	Relief and climate	
1.4	Drainage system	
Unit-II : Natural Resources		12
2.1	Soils	
2.2	Natural vegetation	
2.3	Minerals	
2.4	Power resources	
Unit-III : Human Resources		12
3.1	Population growth	
3.2	Distribution –urban-rural and population density	
3.3	Structure of population : Age-sex	
3.4	Occupational structure of population	
Unit-IV :Agriculture, Fishing and Livestock Resources		12
4.1	Salient features of agriculture	
4.2	Agricultural regions, recent issues and policies	
4.3	Fisheries, recent issues and policies	
4.4	Livestock resources recent issues and policies	
Unit-V: Industries, Trade and Transport		12
5.1	Major industrial regions	
5.2	Role of transport in industrial development	
5.3	Industrial issues and policies	
5.4	Trade and transport	

References:

- Jaymala Diddee, S.R. Jog, V.S. Kale Geography of Maharashtra
- Johns: Economic Geography -
- Khullar: Geography of India
- Majid Hussein: Geography of India
- Oxford: Oxford School atlas-
- Savinder Singh Environmental Geography
- Sharma: India's economic and commercial geography
- प्रा.सवदी: महाराष्ट्रभूगोल
- देशपांडेएसएस: महाराष्ट्राचेअर्थशास्त्र
- महाराष्ट्राचाभूगोल - प्रा.सी.डीदेशपांडे
- महाराष्ट्र- सवदीआणिकेचे
- महाराष्ट्राचाभूगोल - बी.अरूणाचलम
- महाराष्ट्र 2006 - संतोषदास्ताने
- जनगणनाऑटलस – महाराष्ट्रसरकार
- महाराष्ट्राचेनकाशे-डॉ.के.आरदिकित
- महाराष्ट्रातीलजलसंपदा- प्रा. डॉ.एस.व्ही.ढमढेरे
- महाराष्ट्रातीलनद्या – श्रीकांततापीकर
- महाराष्ट्राचाभूगोल – डॉ.सुरेशफुले

QUESTION PAPER PATTERN:

Time: 3 hours	Marks; 100	
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
Q. 1	Long answer question on Unit-I	20 Marks
OR		
	Long answer question on unit –I for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 2	Long answer question on Unit-II	20 Marks
OR		
	Long answer question on unit –II for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 3	Long answer question on Unit-III	20 Marks
OR		
	Long answer question on unit –III for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 4	Long answer question on Unit-IV	20 Marks
OR		
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 5	Long answer question on Unit-V	20 Marks
OR		
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai
Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)
T.Y.B.A. / T.Y.B.Sc. Geography, Semester – V, Paper : V-B

Subject Title: POPULATION GEOGRAPHY
COURSE CODE: _____, Credit: 04_____

UNIT- I, Introduction to Population Geography		TOTAL LECTURES
1.1	Concept, definition, nature, scope, importance	12
1.2	Evolution and recent trends	
1.3	Basic sources of population data and their important elements	
1.4	Population geography and other social sciences	
UNIT- II, Population Dynamics		12
2.1	Population growth in the world (continent wise and level of development)	
2.2	Population growth in India	
2.3	World : Population density and its determinants	
2.4	Structure of population in developed and developing world (Age and Sex, Rural and Urban)	
UNIT- III, Theories of Population Growth		12
3.1	Demographic Transition Model	
3.2	Malthu's Population Theory	
3.3	Leibestein's motivational theory of population growth	
3.4	Theory of optimum population	
UNIT- IV, Migration		12
4.1	Definition and Classification of Migration	

4.2	Causes and Consequences of Migration	
4.3	Recent trend of migration in India	
4.4	Issues of infiltration and its impacts in India	
UNIT- V, Contemporary Issues		12
5.1	Ageing population	
5.2	Gender issues -declining sex ratio, literacy gap,	
5.3	Poverty and unemployment in India	
5.4	Rapid urbanization in India	

Reference:

- Bhende A. and Kanitkar T.,(2000):*Principles of Population Studies*, Himalaya Publishing House
- Chandna R.C. and Sidhu M.S., 1980: *An Introduction to Population Geography*, Kalyani Publishers
- Chandna, R C (2006), *Jansankhya Bhugol*, Kalyani Publishers, Delhi
- Chandna, R C (2014),: *Geography of Population: Concepts, Determinants and Patterns*, Kalyani Publishers, Delhi
- Tiwari Ram Kumar (2015) *Jansankhya Bhugol Pravalika* Publication, Allahabad
- Thakur, Patil, Datta, Pednekar, Roy, and Kamble (2016): *Population Geography*, Konkan Geographers Association in India
- Roy. D. (2015) *Population Geography*, Books & Allied Publication, Kolkata

QUESTION PAPER PATTERN:

Time: 3 hours	Marks; 100
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.	
Q. 1	Long answer question on Unit-I 20 Marks
OR	
	Long answer question on unit –I for 20 Marks or 20 Marks

	Two short answer questions each 10 Marks	
Q. 2	Long answer question on Unit-II	20 Marks
	OR	
	Long answer question on unit –II for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 3	Long answer question on Unit-III	20 Marks
	OR	
	Long answer question on unit –III for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 4	Long answer question on Unit-IV	20 Marks
	OR	
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 5	Long answer question on Unit-V	20 Marks
	OR	
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai
Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)
T.Y.B.A. / T.Y.B.Sc. Geography, Semester – V. Paper No: VI

**Subject Title: TOOLS AND TECHNIQUES IN GEOGRAPHY FOR
 SPATIAL ANALYSIS-I (Practical)**

COURSE CODE: _____, Credit: __03__

Unit -I	Map Projections	Lectures
		09
	1.1. Basic Concepts – Definition, scale, direction, azimuth, graticule, great circle, true meridian, types of projections, choice of projections	
	1.2. Zenithal Polar Projections – Equal Area, Equidistant	
	1.3. Cylindrical Projections - Equal Area, Equidistant	
	1.4. Conical Projections - One standard parallel, two standard parallel	
Unit-II	Map Basic	Lectures
	2.1. Basic elements of map and calculation or identification of relief, direction, bearing and distance	09
	2.2. Area calculation with square method and strip method	
	2.3. Demarcation of watershed on toposheet, Tracing of stream network and contours	
Unit-III	Survey of India Toposheets	Lectures
	3.1. Signs and symbols, marginal information	09
	3.2. Study of physiography, drainage and vegetation (one full toposheet of hilly and plateau region each)	
	3.3. Study of settlements – size, pattern, utilities (one full toposheet of plains and urban region each)	
	3.4. Study of transport network (one full toposheet of plains and urban area each)	
Unit-III	Preparation of Thematic maps (Manually)	Lectures
	4.1. Preparation of a district thematic maps with actual data- Dot and Pictogram	09
	4.2. Preparation of a district thematic maps with actual data- Choropleth and Isopleth	
	4.3. Preparation of a district thematic maps with actual data- Located bar, located circle and pie chart	
Unit-V	Use of computers in geographical data representation	Lectures
	5.1. Construction of line graphs & simple and multiple bar graphs	09

	using MS-excel	
	5.2. Construction of divided bar graphs & pie charts using MS-excel	
	5.3. Preparation of datasheet in SPSS	
	5.4. Calculation of central tendency and standard deviation using SPSS	

References -

- Ahirrao ani Karanjkehe – प्रात्यक्षिक भूगोल,
- Karlekar Shrikant- प्रात्यक्षिक भूगोल, डायमंड पब्लिकेशन्स
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- Monkhouse F.J. - Maps & Diagrams, Methuen and Co., London, 1971 (3rd Edition, Revised).
- NCERT - Textbook for Class-12, Practical Work in Geography Part II
- Peter A. Rogerson - Statistical Methods for Geography, Sege Publishers -2001
- Robinson A.H. - Elements of Cartography, Wiley
- Sarkar Ashis - Practical Geography, Orient Black Swan – 2015
- Sarkar Ashis –Quantitative Geography, Orient Black Swan – 2013
- Singh R.L. & Singh P. B. - Elements of Practical Geography, Kalyani Publishers 2005
- Stoddard Robert – Field techniques and research methods in geography, Geography faculty publication <http://digitalcommons.unl.edu/geographyfacpub/26>
- Thakur S. A. - प्रात्यक्षिक भूगोल, Konkan Geographer's publication (2016)

QUESTION PAPER PATTERN

(SEM - VI)

MARKS: - 100 TIME: 4 HRS

N.B:

1. All questions are compulsory.
2. Figures to the right indicate marks to a sub-question.
3. Use of map stencils and simple calculator is allowed.

Q. 1	Unit-I	16 Marks
Q. 2	Unit-II	16 Marks
Q. 3	Unit-III	16 Marks
Q. 4	Unit-IV	16 Marks
Q. 5	Unit-V	16 Marks
Q. 6	Journal and Viva	20 Marks

University of Mumbai

Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

T.Y.B.A. / T.Y.B.Sc. Geography, Semester – V, Paper – VII

Subject title: REGIONAL PLANNING AND DEVELOPMENT

COURSE CODE: _____ (2018-19), Credit: 04_____

UNIT – I: Understanding Regional Planning		No. of Lectures
1.1	Planning: Concept, types and need	12
1.2	Regional planning: Concept, nature, relation with Geography	
1.3	Role of surveys and geospatial technology in regional planning	
1.4	Problems associated with regional planning	
UNIT – II: Concept of Region in Planning		12
2.1	Region: Concept, types and delineation	
2.2	Planning Regions: Need, characteristics and hierarchy	
2.3	Demarcation of planning regions: Principles, criteria and methods	
2.4	Perroux’s Growth Pole Theory and regional planning	
UNIT – III: Understanding Regional Development		12
3.1	Development: Concept and indicators	
3.2	Regional disparities in development: Concept and measurements	
3.3	Spatial and Non-Spatial Models of Development with Special Reference to Rostow’s Model and Myrdal’s Model	
3.4	Strategies for regional development	
UNIT – IV: Regional Planning in India – I		12
4.1	Five-Year Plans: Features, achievements and failure	
4.2	Multi-level planning in India	
4.3	Planning regions of India	
4.4	Changing planning mechanism of India: NITI Ayog	
UNIT – V: Regional Planning in India – II		12
5.1	Micro level planning in rural area	
5.2	Backward area development programme	
5.3	Urban fringe of Indian cities: Problems and planning	
5.4	Metropolitan Planning: A Case of Mumbai Metropolitan Region	

REFERENCES:

- Chand, Mahesh (2000): “Regional Planning In India”, Allied Publishers Ltd., Mumbai
- Chandana, R. C. (2016): “Regional Planning and Development”, Kalyani Publishers, New Delhi
- Dhamdhere, S. et al (2015): “Arthik Vikas Ani Niyojan”, (Marathi), Diamond Publications, Pune
- Dikshit, J. K. (2011): “The Urban Fringe of Indian Cities: Professor Jaymala Diddee Felicitation Volume”, (ed.) Rawat Publications, Jaipur
- Jhingan, M. L. (2017): “The Economics of Development and Planning”, Vrinda Publications (P) Limited, Delhi
- Kant, S. et al (2004): “Reinventing Regional Development: Festschrift to Honour Gopal Krishnan”, (ed.) Rawat Publications, Jaipur
- Misra, R. P. (2002): “Regional Planning”, Concept Publishing Co., New Delhi
- NITI Ayog (2017): “Three Year Action Plan (2017-18 to 2019-20)”, NITI Ayog, New Delhi
- Tiwari, R. C. (2016): “Geography of India”, Pravalika Publications, Allahabad

Books for further reading:

- Bhargava, G. (2001): “Development of India’s Urban, Rural, and Regional Planning in 21st Century: Policy Perspective”, Gyan Publishing House, Delhi
- Datt, G. And Mahajan, A. (2016): “Datt and Sundaram’s Indian Economy”, S. Chand Publishing, New Delhi
- Devi, Laxmi (2000): “Planning Development and Regional Disparities”, (ed.) Anmol Publications, New Delhi
- Dhamdhere, S. and Shinde, S. (2010): “Bhartiya Ani Jagtik Arthik Vikas” (Marathi), Diamond Publications, Pune
- Hall, P. (2016): “Urban and Regional Planning” Routledge, London
- Knowles, R and Wareing, J. (1996): “Economic and Social Geography”, the Made Simple Series, Rupa& Co., Calcutta

- Sundaram, K. V. (1985): “Geography and Planning: Essays in Honour of Prof. V. L. S. PrakasaRao”, Concept Publishing Co., New Delhi
- Sundaram, K. V. (1989): “Regional Planning and Development: Essays on Space, Society, and Development in Honour of Professor R. P. Misra”, Heritage Publishers, New Delhi
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- Yojana, Monthly Journal Published in English and Marathi by Government of Maharashtra

IMPORTANT WEBSITES / WEB LINKS:

mmrda.maharashtra.gov.in

niti.gov.in

planningcommission.gov.in

yojana.gov.in

QUESTION PAPER PATTERN:

Time: 3 hours		Marks; 100
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
Q. 1	Long answer question on Unit-I	20 Marks
OR		
	Long answer question on unit –I for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 2	Long answer question on Unit-II	20 Marks
OR		
	Long answer question on unit –II for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 3	Long answer question on Unit-III	20 Marks
OR		
	Long answer question on unit –III for 20 Marks	20 Marks

	or Two short answer questions each 10 Marks	
Q. 4	Long answer question on Unit-IV	20 Marks
	OR	
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 5	Long answer question on Unit-V	20 Marks
	OR	
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai

Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)
T.Y.B.A./T.Y.B.Sc. Geography, Semester – V, Paper – VIII - A

Subject Title: GEOGRAPHY OF RESOURCES

COURSE CODE: _____ (2018-19), Credit: 04

UNIT – I: Introduction to the Resources		TOTAL LECTURES
1.1	Meaning and importance of the natural resources	12
1.2	Factors influencing on resource utilization and related theories	
1.3	Classification of resources	
1.4	Issues with renewable and non-renewable resources	
UNIT – II: Natural resources: over exploitation and conservation measures		12
2.1	Over exploitation and depletion of natural resources	
2.2	Resource consumption pattern in the developed and underdeveloped countries	
2.3	Need and measures for resource conservation	
2.4	Sustainable use of natural resources	
UNIT – III: Natural Resources, Part –I		12
3.1	Distribution of water resources on the Earth	
3.2	Water consumption pattern, water pollution and water conservation	
3.3	Distribution of forest resources in the world	
3.4	Deforestation and forest conservation	
UNIT – IV: Natural Resources Part –II		12
4.1	Soil composition and factor affecting soil formation	
4.2	Soil degradation and its conservation	
4.3	Minerals and their classification	
4.4	Use of energy minerals and their conservation	
UNIT – V: Human Resources		12
5.1	Concept of human resource: skilled and unskilled workers	
5.2	Distribution of population in the world	
5.3	Concept of over, under and optimum population	
5.4	Population Resource regions	

Reference Books:

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2. Gautam Alka (2010) Environmental Geography: Sharda Pustak Bhavan, Allahabad

3. GautamAlka: 2013: Advanced Economic Geography, Sharda Pustak Bhawan, Allahabad, India, Third Edition
4. Gautam Alka: Resource Geography, Sharda Pustak Bhawan, Allahabad, India,
5. Husain Majid, 2003: Resources Geography, Anmol Publications Pvt. Ltd. (2003)
ISBN: 9788170418764
6. Khullar D. R. (2014) India: A Comprehensive Geography, Kalyani Publishers, ISBN-13: 978-9327246759
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ISBN 9781498761833
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QUESTION PAPER PATTERN:

Time: 3 hours	Marks; 100	
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
Q. 1	Long answer question on Unit-I	20 Marks
OR		
	Long answer question on unit –I for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 2	Long answer question on Unit-II	20 Marks
OR		
	Long answer question on unit –II for 20 Marks or Two short answer questions each 10 Marks	20 Marks

Q. 3	Long answer question on Unit-III	20 Marks
	OR	
	Long answer question on unit –III for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 4	Long answer question on Unit-IV	20 Marks
	OR	
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 5	Long answer question on Unit-V	20 Marks
	OR	
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai

Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

T.Y.B.A. / T.Y.B.Sc. Geography, Semester –V, Paper: VIII-B

Subject Title: GEOGRAPHY OF HEALTH

COURSE CODE: _____, Credit: 04__

Unit I - Introduction to Geography of Health		TOTAL LECTURES
1.1	Nature, scope and evolution geography of health	12
1.2	Conceptual background and components geography of health	
1.3	Significance and approaches geography of health	
1.4	Relation of geography of health with other branches of social science	
Unit- II -The Pollution Syndrome		
2.1	Air Pollution: Causes, Effects and remedial measures	12
2.2	Water Pollution: Causes, Effects and remedial measures	
2.3	Radioactive Pollution: Causes, Effects and remedial measures	
2.4	Plastic Pollution: Causes, Effects and remedial measures	
Unit III - Geography of Diseases		
3.1	Weather-related diseases and climate change and Global health	12
3.2	Types of diseases and their regional pattern	
3.3	Case studies of communicable diseases –malaria and HIV – Aids	
3.4	Case studies of non-communicable diseases – cancer and malnutrition	
Unit IV -Health and Environment		
4.1	Linkages of health with environment	12
4.2	Relation between development and health	
4.3	Population dynamics, urbanisation, poverty and inequality	
4.4	Migration and related health issues	
Unit V - Health Care Facilities		
5.1	Health care facilities in India	12
5.2	Spatial Distribution of health care facilities in Maharashtra	
5.3	Health care policies in India	
5.4	Health Organisations: WHO, UNISEF, Red Cross Society and NGOs	

References

1. Alice E. Marczewski and Michael Kamrin: Toxicology for the Citizen.
2. B. Brockband, J.Cohrsson, and V.T. Covello: The Risk Assessment Manual: A Guide to Understanding and Using Health and Environmental Assessments
3. Marilyn O. Ruiz: Geography of Disease
4. Michael Emch, Elisabeth Dowling Root, and Margaret Carrel: Health and Medical Geography Fourth Edition
5. Rhonda Humbird: AP Environmental Science - Part 1: The Living World

QUESTION PAPER PATTERN:

Time: 3 hours		Marks; 100
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
Q. 1	Long answer question on Unit-I	20 Marks
OR		
	Long answer question on unit –I for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 2	Long answer question on Unit-II	20 Marks
OR		
	Long answer question on unit –II for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 3	Long answer question on Unit-III	20 Marks
OR		
	Long answer question on unit –III for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 4	Long answer question on Unit-IV	20 Marks
OR		
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks

Q. 5	Long answer question on Unit-V	20 Marks
OR		
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai

Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

T.Y.B.A. / T.Y.B.Sc. Geography, Semester – V, Paper: VIII-C

Subject Title: GEOGRAPHY OF DISASTER MITIGATION and MANAGEMENT

COURSE CODE: _____, Credit: 04

UNIT – I, Meaning & Concept of Disaster & Hazard		No. of Lectures
1.1	Concepts of Disaster, Hazard, Vulnerability and Risks	12
1.2	Typology of hazards & Disasters- Natural Disasters & Man-made Disasters	
1.3.	Impacts of Disasters – Socio-economic and political	
1.4.	Need of Disaster Management in India	
UNIT – II, Elements of Disaster Management		
2.1.	Disaster Management : Meaning & Concept	12
2.2.	Role of International Organisations for Disaster Management – UNISDR, INSARAG, Red Cross	
2.3	Role of National Organisations for Disaster Management	
2.4	Role of NGOs & Community in Disaster Management	
UNIT – III, Disaster Management : Methods & Approaches		
3.1	Disaster Management : Historical Perspective	12
3.2	Disaster Management : Methods & Approaches	
3.3	Pre- Disaster Stage of Management	
3.4	Post- Disaster Stage of Management	
UNIT- IV, Natural Disaster and its Management in India		
4.1	Earthquake & Tsunami –Causes, Effects, Management	12

4.2	Flood – Distribution, Causes, Effects , Management	
4.3	Cyclone – Distribution, Causes, Effects , Management	
4.4	Famine – Distribution, Causes, Effects , Management	
UNIT –V, Anthropogenic Disaster and its Management in India		
5.1	Industrial Hazards – Causes, effects and management with reference to Bhopal Gas Tragedy	12
5.2	Terrorism – Causes, effects and management with reference to 26/11 Mumbai attack	
5.3	Wild Fire – Types, Causes, effects and management with reference to Uttarakhand forest fire 2016	
5.4	Accidents - Causes, effects and management with reference to Savitri river bridge collapse accident August 2016	

References:

1. Coppola, D.P. (2011): Introduction to International Disaster Management. Elsevier, Butterworth- Heinemann
2. Dasgupta R. (2007): Disaster Management and Rehabilitation, Mittal Publications. New Delhi
3. Govt. Of India : Disaster Management in India , Ministry of Home Affairs, New Delhi
4. Murthy, D.B.N. (2008) : Disaster Management, Deep & Deep Publications Pvt. Ltd., New Delhi
5. Singh, Savindra and Singh, Jeetendra (2016) : Disaster Management, Pravalika Publications, Allahabad
6. गोडबोले, मराठे: आपत्ती व्यवस्थापन संकल्पना, डायमंड पब्लिकेशन्स, पुणे.
7. पठारे संभाजी, अजय चाकाने: आपत्ती निराकरण, डायमंड पब्लिकेशन्स, पुणे.
8. मोरे जोतीराम, अर्जुन मुसमाडे: आपत्ती व्यवस्थापनाचा भूगोल, डायमंड पब्लिकेशन्स, पुणे.

QUESTION PAPER PATTERN:

Time: 3 hours	Marks; 100	
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
Q. 1	Long answer question on Unit-I	20 Marks
OR		
	Long answer question on unit –I for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 2	Long answer question on Unit-II	20 Marks
OR		
	Long answer question on unit –II for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 3	Long answer question on Unit-III	20 Marks
OR		
	Long answer question on unit –III for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 4	Long answer question on Unit-IV	20 Marks
OR		
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 5	Long answer question on Unit-V	20 Marks
OR		
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai
 Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)
 T.Y.B.A. / T.Y.B.Sc. Geography, Semester – V, Paper – IX
 Subject Title : GEOSPATIAL TECHNOLOGY

Course Code:

Credit-0 3

UNIT - I	Remote Sensing – I	9
1.1	Geospatial Technology: Concept, Components and Importance	
1.2	Remote Sensing: Concept, Process and Geographical Applications	
1.3	Electromagnetic Energy, EMR and EMS - Spectral Reflectance and Spectral Signature or Curve - Platforms, Sensors and Resolution	
1.4	Elements of Visual Image Interpretation - Mapping of Thematic Layers and Visual Image Interpretation of Physical and Manmade Features	
UNIT - II	Remote Sensing – II	9
2.1	Digital image analysis: landuse and landform classification, 3D view of DEM	
2.2	Aerial Photographs: Concept, Process and Types	
2.3	Interpretation of Aerial Photographs	
2.4	Advanced Remote Sensing Technology - Use of Bhuvan website	
UNIT - III	Global Positioning System	
3.1	GPS : Concept, Segments, Applications	
3.2	Types of GPS – GPS Data Accuracy and Errors	
3.3	Factors Affecting GPS Data - Global Navigation System	
3.4	Ground Survey and Demarcation of Point, Line and Polygon Features with GPS Device – Transfer GPS Data to Computer with Softwares like Easy GPS	
UNIT - IV	Geographic Information System – I	9
4.1	GIS : Concept, Components and Applications - Map Projection and Coordinate System	
4.2	GIS Data Acquisition and Types	
4.3	Importing Image into GIS Software and Geo-referencing	
4.4	Creating Layers by Digitization of Point, Line and Polygon Features	
UNIT V	Geographic Information System – II	9
5.1	Functions of Database Creation – Input, Editing and Linking	
5.2	Spatial Database Analysis: Overlay, Merge, Query	
5.3	Using Map-Composer for Map Layout and Design	
5.4	Preparation of Thematic Maps	

Paper – IX : GEOSPATIAL TECHNOLOGY Question Paper Pattern		
Q. 1	Unit –I	16
Q. 2	Unit –II	16
Q. 3	Unit –III	16
Q. 4	Unit –IV	16
Q. 5	Unit –V	16
Q. 6	Preparation Thematic Maps by using Geospatial Technology Tools	10
Q. 7	Journal and Viva	10

References:

1. कार्लेकर, श्रीकांत (२००६): भौगोलिक माहिती प्रणाली, डायमंड प्रकाशन, पुणे.
2. कार्लेकर, श्रीकांत (२०१२): दूर संवेदन, डायमंड प्रकाशन, पुणे.
3. Afzal Sharieff and et. al. (Ed.) (2010): An Introduction to Remote Sensing, SARUP Book Publishers Pvt. Limited, New Delhi.
4. Anson, R. W. and Ormeling, F. J., (Ed.) (1993): Basic Cartography for Students and Technicians, Vol.I, International Cartographic Association and Elseiver Applied Science Publishers, London.
5. American Society of Photogrammetry (1983): Manual of Remote Sensing, ASP PalisChurch,V.A.
6. Agrawal, N.K.(2006), Essentials of GPS (Second Edition), Book Selection Centre, Hyderabad
7. Bhatia (2016): Remote Sensing and GIS, Oxford University Press, New Delhi.
8. Bhatia, S. C. (2008): Fundamentals of Remote Sensing, Atlantic Publishers and Distributors (P) Limited, New Delhi.
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11. Bernhardsen, Tor (2002): Geographical Information Systems: An Introduction, Third Edition, John Wiiey& Sons, Inc., New York.
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15. Central Board of Secondary Education (New Delhi): Geospatial Technology – Textbook, Class XI and XII

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17. Dickinson, G. C. (1977) Statistical Mapping and the Presentation of Statistics, Edward Arnold Ltd., London.
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21. New Delhi.
22. Iliffe, J.C (2006), Datums and Map Projections for Remote Sensing, GIS and Surveying, Whittles Publishing, New York.
23. Jonson. R. J. (2003): Remote Sensing of the Environment-An Earth Resources Perspective
24. Kang-Tsang Chang (2010): Introduction to Geographic Information Systems, Tata McGraw Hill Edition, New Delhi.
25. Lillesand and Keifer (2010) Remote Sensing and Image Interpretation, Fourth Edition, Wiley.
26. Pearson Education Series in Geographical Information Science, Keith C. Clarke (Series editor) Pearson Educators Private Limited. (Singapore), New Delhi.
27. Monkhouse, F. J. and H. R. Wilkinson, (1971): Maps and Diagrams, Methuen & Co. Ltd., London.
28. Robinson, A. H. and Others (1995): Elements of Cartography, VI Edition, John Wiley & Sons, New York.
29. Sudhakar S (1993) : Forest Type and Density Mapping in Meghalaya through Digital Image Processing of Indian Remote Sensing Satellite Data, Collaborative project report by Meghalaya State Forest Dept. and RRSSC, Kharagpur.
30. Thomson O and Frank S (2000): Time – Integrative Geographic Information System, Springer, New York.
31. Training Module of Capacity Building Training Programme in Geospatial Technology sponsored by Department of Science and Technology, Government of India in collaboration of Himachal Pradesh University.
32. Tutorials from the - <http://dst-iget.in/tutorials>
33. bhuvan.nrsc.gov.in/
34. <https://www.isro.gov.in>
35. <https://www.iirs.gov.in/>

SEMESTER – VI

University of Mumbai

Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

T.Y.B.A. / T.Y.B.Sc. Geography, Semester – VI, Paper: IV

Subject Title: ENVIRONMENTAL GEOGRAPHY

COURSE CODE: _____ Credit: 04

UNIT -I	Introduction to Environmental Geography	No. of Lectures
	1.1 Environmental Geography: Definition, Nature, Scope and Importance	12
	1.2 Environment: Meaning, Factors and Types	
	1.3 Approaches to the Study of Man – Environment Relationship	
	1.4 Changing Man - Environment Relationship in Historical Perspective	
UNIT-II	Ecosystem	
	2.1 Meaning and Structure of Ecosystem	12
	2.2 Ecological Pyramids and Productivity of Ecosystem	
	2.3 Functions of Ecosystem: Food Chain & Web, Energy Transfer, Biogeochemical Cycles	
	2.4 Types of Ecosystems: Aquatic, Terrestrial, and Aqua-Terrestrial Ecosystems	
UNIT-III	Biodiversity	
	3.1 Biodiversity: Concept, Types and Distribution	12
	3.2 Biodiversity Hotspots: Concept, and Distribution in India with Special Reference Western Ghats	
	3.3 Threat to Biodiversity: Causes	
	3.4 Conservation of Biodiversity and Management of Biological Reserves	
UNIT-IV	Environmental Challenges in India	
	4.1 Air pollution and Water Pollution: Cases and Effects	12
	4.2 Land and Noise Pollution: Cases and Effects	
	4.3 Environmental Issues Related to High/large Dams	
	4.4 Major environmental Movements in India	
UNIT-V	Sustainable Development and Environmental Management	

5.1	Concepts and Need of Sustainable Development and Environmental Management	12
5.2	Eco-friendly Lifestyle and Need of Environmental Education	
5.3	Biosphere Reserves and Wildlife Management in India	
5.4	Environmental Impact Assessment	

Reference book:

- Bharucha, E. (2004): “A Textbook for Environmental Studies”, University Grants Commission, New Delhi, Downloaded from <https://www.ugc.ac.in/oldpdf/modelcurriculum/env.pdf>
- Cunningham, W, and Cunnigham, M. (2017): “Principles of Environmental Science: Inquiry and Applications”, McGraw Hill Education, Delhi
- Gautam, A. (2010): “Environmental Geography”, Sharda Pustak Bhavan, Allahabad
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- Rajagopalan, R. (2016): “Environmental Studies: From Crisis to Core”, Oxford University Press, New Delhi
- Sangle, S. (2017): “Paryavaran Bhugol”, (Marathi), Diamond Publications, Pune
- Saxena, H. (2017): “Environmental Geography”, Rawat Publishers, Jaipur.
- Singh, S. (2017): “Environmental Geography”, Prayag Pustak Bhawan, Allahabad
- Parmar and other – “Pryavaran Bhugol” Himalaya Publishing House – Mumbai 2013
- Thakur and other - – “Pryavaran Bhugol” Konkan Geographer’s Publication

QUESTION PAPER PATTERN:

Time: 3 hours		Marks; 100
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
Q. 1	Long answer question on Unit-I	20 Marks
OR		
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	Long answer question on unit –II for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 3	Long answer question on Unit-III	20 Marks
OR		
	Long answer question on unit –III for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 4	Long answer question on Unit-IV	20 Marks
OR		
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 5	Long answer question on Unit-V	20 Marks
OR		
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai
Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)
T.Y.B.A. / T.Y.B.Sc. Geography, Semester – VI
Paper No. – V -A
GEOGRAPHY OF TOURISM and RECREATION

COURSE CODE: _____, Credit: __04__

Unit-I -Introduction to Tourism Geography		TOTAL LECTURES
1.1	Definition , Nature and Scope	12
1.2	Trends of Tourism Development in World	
1.3	Factors of Tourism Development - Geographical components	
1.4	Factors of Tourism Development - Socio-cultural and political	
Unit-II Types & Impact of Tourism		12
2.1	Types of Tourism,	
2.2	New Trends in Tourism,	
2.3	Positive impact of Tourism on Environment, Socio-culture and Economy	
2.4	Negative Impact of Tourism on Environment, Socio-culture and Economy	
Unit-III - Infrastructure of Tourism and Ancillary Services		12
3.1	Accommodation	
3.2	Transportation	
3.3	Travel Agencies and Tour Guide	
3.4	Documentation and Ticketing	
Unit-IV - Planning of Tourism and Organisation		12
4.1	Need of Planning and Elements of Planning	
4.2	Levels of Planning	
4.3	Tourism Organizations - IATA, PATA, I.T.D.C. and M.T.D.C	
4.4	Incredible India campaign	
Unit-V Potential Tourism Sectors in Maharashtra and Tourism Policy		12
5.1	Coastal tourism in Maharashtra	
5.2	Adventure tourism in Sahyadri	
5.3	Heritage tourism in Maharashtra	
5.4	Tourism Policy of Maharashtra State	

• **Reference Books**

1. Anand M.M., Tourism & Hotel Industry in India, Prentice Hall of India, New Delhi,

2. Bhatia A.K., Tourism Development, Sterling Publishers Pvt. Ltd. New Delhi.
3. Bhatia A.K., International Tourism, Sterling Publishers Pvt. Ltd. New Delhi
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6. T.K. Sathyadev, P. Manjunath- Tourism Planning, Pacific books Internationals, Delhi.
7. Thakur S A (2016) : पर्यटन भूगोल, Konkan Geographer's Publication
8. चारपुरे ,विठ्ठल) २०१०:(पर्यटन भूगोल ,पिंपळापुरेआणिप्रकाशक ,नागपूर.

QUESTION PAPER PATTERN:

	Time: 3 hours	Marks; 100
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
Q. 1	Long answer question on Unit-I	20 Marks
OR		
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Q. 2	Long answer question on Unit-II	20 Marks
OR		
	Long answer question on unit –II for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 3	Long answer question on Unit-III	20 Marks
OR		
	Long answer question on unit –III for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 4	Long answer question on Unit-IV	20 Marks
OR		
	Long answer question on unit –IV for 20 Marks or	20 Marks

	Two short answer questions each 10 Marks	
Q. 5	Long answer question on Unit-V	20 Marks
OR		
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

UNIVERSITY OF MUMBAI

Syllabus for T.Y.B.A. Geography

(CBSGS with effect from Academic Year 2018-19)

SEMESTER-VI, Paper No. V -B

Subject Title: **POLITICAL GEOGRAPHY**

COURSE CODE: _____ (2018-19), Credit: 04

Units	Name of the Unit/Subunit	No of Lectures
Unit – 1. : Introduction of Political Geography		(12)
1.1	Definition, Nature and Scope of Political Geography	
1.2	Historical Development and Recent Trends in Political Geography	
1.3	Concept of state and factors	
1.4	Concept of Nation, Nation-State, and Nationalism	
Unit – 2. : Approaches and Concepts in Political Geography		(12)
2.1	Hartshorne’s Fundamental Approach: Centrifugal and Centripetal Forces	
2.2	Unified Field Theory	
2.3	Core Areas: Concept, Characteristics, and Distribution	
2.4	Capitals: Concept, Functions, and Classification	
Unit – 3. : Frontiers and Boundaries		(12)
3.1	Frontiers and Boundaries: Concepts and Distinction	
3.2	Functions of Frontiers and Boundaries	
3.3	Classification of Boundaries	
3.4	India’s Boundaries: Characteristics and Disputes	
Unit – 4. : Geostrategic and Geopolitical Views		(12)

4.1	Mackinder's Heartland and Spykman's Rimland Model	
4.2	Geopolitics of Indian Ocean	
4.3	Geopolitics of International Water Disputes with Special Reference to India	
4.4	Changing Political Map of India	
Unit – 5 : Electoral Geography		(12)
5.1	Concept, Nature and Approaches of Electoral Geography	
5.2	Geography of Voting: Geographical Factors Affecting Elections	
5.3	Spatial Organisation of Electoral Areas and Geography of Representation	
5.4	Challenges to Election System in India	

Reference Books:

- Adhikari, S. (2015): "Political Geography", Rawat Publications, Jaipur
- Adhikari, S. (2011): "Political Geography of India: A Contemporary Perspective", Sharda Pustak Bhawan, Allahabad
- Dikshit R. (1985): "Political Geography: A Contemporary Perspective" McGraw, Hill, New Delhi
- Dikshit, S. (1993): "Electoral Geography of India", Vishwavidyalaya Prakashan, Varanasi
- Dwivedi, R. (1996): "Political Geography" Chaitanya Prakshan, Allahabad
- Jones, M. (2004): "An Introduction to Political Geography: Space, Place and Politics", Routledge
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- Painter, J. and Jeffrey, A. (2009): "Political Geography", Sage Publications
- Sinha, M. (2007): "Electoral Geography of India", Adhyayan Publications and Distributers, New Delhi
- धारपुरेविठ्ठल (२०१३)राजकीयभूगोल, पिंपळापुरेअँडकं.,नागपूर
- लाटकर, आपटे (१९९८)राजकीयभूगोल, विद्याप्रकाशन, नागपूर
- पाटीलविलास (२०१५)राजकीयभूगोल, प्रशांतपब्लिकेशन, जळगाव

QUESTION PAPER PATTERN:

Time: 3 hours	Marks; 100	
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
Q. 1	Long answer question on Unit-I	20 Marks
OR		
	Long answer question on unit –I for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 2	Long answer question on Unit-II	20 Marks
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	Long answer question on unit –II for 20 Marks or Two short answer questions each 10 Marks	20 Marks
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OR		
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 5	Long answer question on Unit-V	20 Marks
OR		
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai

Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

T.Y.B.A. / T.Y.B.Sc. Geography, Semester –VI, Paper No: VI

**Subject Title: TOOLS AND TECHNIQUES IN GEOGRAPHY FOR
SPATIAL ANALYSIS-II (Practical)**

COURSE CODE: _____, Credit: __03__

Unit -I	Nature of data and central tendency	Lectures
	1.1. Meaning and types of data, variable, observation, observation value, simple, discrete data and continuous data	09
	1.2. Frequency Distribution, Histogram, Frequency Polygon and Ogive	
	1.3. Measures of Central Tendency- mean, median and mode	
Unit -II	Dispersion and Deviation	
	2.1. Mean Deviation and Quartile Deviation	09
	2.2. Standard Deviation	
	2.3. Moving Averages (3 years and 5 years)	
Unit -III	Correlation, Regression & Hypothesis Testing	
	3.1. Calculation of correlation coefficient - Pearson's and Spearman's methods	09
	3.2. Regression analysis	
	3.3. Chi square test	
Unit-IV	Sampling	
	4.1. Sample and sample design in geography	09
	4.2. Point sampling – Systematic and random	
	4.3. Line sampling – Systematic and random	
	4.4. Area sampling – Systematic and random	
Unit-V	Field work in Geography of any one place/village	09
	5.1. Collection of physiographic data – Field observation, field sketching, collection of soil and rock samples, identification of vegetation etc.	
	5.2. Collection of socio-economic data – interviews, questionnaire survey, visit to local governing office, NGO's etc.	
	5.3. Collection of geospatial data – toposheets, aerial photographs, Google images/maps, Bhuvan images etc.	
	To prepare a geographical report of a place with the help of an available 5.1, 5.2, and 5.3 aspects	

References -

- Ahirrao ani Karanjkehe – प्रात्यक्षिक भूगोल,
- Karlekar Shrikant- प्रात्यक्षिक भूगोल, डायमंड पब्लिकेशन्स
- Karlekar Shrikant- Bhoogol shastratil Sanshodhan Paddhati, डायमंड पब्लिकेशन्स
- Monkhouse F.J. - Maps & Diagrams, Methuen and Co., London, 1971 (3rd Edition, Revised).
- NCERT - Textbook for Class-12, Practical Work in Geography Part II
- Peter A. Rogerson - Statistical Methods for Geography, Sege Publishers -2001
- Robinson A.H. - Elements of Cartography, Wiley
- Sarkar Ashis - Practical Geography, Orient Black Swan – 2015
- Sarkar Ashis –Quantitative Geography, Orient Black Swan – 2013
- Singh R.L. & Singh P. B. - Elements of Practical Geography, Kalyani Publishers 2005
- Stoddard Robert – Field techniques and research methods in geography, Geography faculty publication <http://digitalcommons.unl.edu/geographyfacpub/26>

QUESTION PAPER PATTERN

(SEM - VI)

MARKS: - 100 TIME: 4 HRS

N.B:

4. All questions are compulsory.
5. Figures to the right indicate marks to a sub-question.
6. Use of map stencils and simple calculator is allowed.

Q. 1	Unit-I	16 Marks
Q. 2	Unit-II	16 Marks
Q. 3	Unit-III	16 Marks
Q. 4	Unit-IV	16 Marks
Q. 5	Unit-V	16 Marks
Q. 6	Journal and Viva	20 Marks

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Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

T.Y.B.A. / T.Y.B.Sc. Geography, Semester – VI, Paper – VII

Subject Title: ECONOMIC GEOGRAPHY

COURSE CODE: _____ (2018-19), Credit: 04

Units	Name of the Unit/Subunit	No of Lectures
Unit – 1. : Introduction of Economic Geography		(12)
1.1	Definition, Nature, Scope and Branches of Economic Geography	
1.2	Approaches of Economic Geography and Relation with other social sciences	
1.3	Concept and Operation of Economy	
1.4	Resources: Concept, Classification and Importance in Economy	
Unit – 2. : Economic Activities		(12)
2.1	Economic Activities: Type and Characteristics	
2.2	Factors Affecting Economic Activities	
2.3	Agriculture and Lumbering: Types and Distribution	
2.4	Fishing and Animal Husbandry: Types and Distribution	
Unit – 3. : Minerals and Industries		(12)
3.1	Minerals: Importance, Characteristics and Distribution of Iron Ore, Manganese, Coal and Mineral Oil	
3.2	Factors Affecting Industrial Locations	
3.3	Weber’s Industrial Location Theory	
3.4	Major Industrial Regions of the World	
Unit – 4. : Transport and International Trade		(12)
4.1	Transportation: Importance and influencing factors	
4.2	Major Transport Patterns in the World	
4.3	Patterns of International Trade: Composition and Direction	
4.4	Major International Trade Organisations: WTO, OPEC, SAARC, G-20 and BRICS	
Unit – 5 : Economic Development of India		(12)
5.1	Levels of Economic Development in India	
5.2	Globalisation and its impact on Indian economy	
5.3	Special Economic Zones: Concept and issues in India	
5.4	Environment and Economic Development and related issues	

Reference Books:

1. Datt, G. And Mahajan, A. (2016): “Datt and Sundaram’s Indian Economy”, S. Chand Publishing, New Delhi
2. Dreze J and Sen A.: “Indian Economic Development and Social Opportunity”, Oxford University Press, London
3. Gautam, A. (2010): “Advanced Economic Geography”, ShardaPustakBhawan, Allahabad
4. Hartshorne T. & Alexander J.W.: “Economic Geography”, Prentice New Delhi
5. Hodder, B. and Lee, R. (2008): “Economic Geography”, Rawat Publishers, Jaipur
6. Khanna K.K., Gupta V. K., (1987): “Economic and Commercial Geography”, Sultan Chand and Com.
7. Memoria, C. B. : “Economic and Commercial Geography of India”
8. Saxena, H. (2016): “Economic Geography”, Rawat Publishers, Jaipur
9. Singh, J. and Dhillon, S.: “Agricultural Geography”, Tata McGraw hill Publication Company Ltd., New Delhi.
10. Vaidya B.C. (1998): “Readings in Transportation Geography”, Devika Publications, New Delhi.
11. Vaidya B.C. (2003): “Geography of Transport Development”, Concept Publication, New Delhi.
12. Weber Alfred (1957): “Theory of Location of Industry”Chicago Press
13. अहिरराव, धापटे, पाटील, शिंदे (१९९७): आर्थिक भूगोल, निराली प्रकाशन, पुणे
14. एस. ए. ठाकूर, आर. बी. पाटील, पेडणेकर, धुरी(२०१२) : आर्थिक भूगोल, कोकण जोग्रफर्स असोसिएशन
15. खतीब (२००७): आर्थिक भूगोल, मेहता पब्लिशिंग हाउस, कोल्हापूर
16. फुले, शिंदे, पवार, अडसूळ, पाटील (१९९८): आर्थिक भूगोल, सप्रेमप्रकाशन, कोल्हापूर
17. विठ्ठल चारपुरे (२०१३): आर्थिक भूगोल, पिंपळापुरे अंड पब्लिशर्स, नागपूर.
18. शिंदे, केंगारे, माने-देशमुख (१९९९): आर्थिक भूगोल, फडके प्रकाशन, कोल्हापूर
19. सवदी, कोळेकर (२०१०): अभिनव भूगोल : , निराली प्रकाशन, पुणे

QUESTION PAPER PATTERN:

Time: 3 hours	Marks; 100	
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
Q. 1	Long answer question on Unit-I	20 Marks
OR		
	Long answer question on unit –I for 20 Marks or Two short answer questions each 10 Marks	20 Marks
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OR		
Q. 4	Long answer question on Unit-IV	20 Marks
OR		
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks
OR		
Q. 5	Long answer question on Unit-V	20 Marks
OR		
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai

Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

T.Y.B.A./T.Y.B.Sc. Geography, Semester –VI, Paper: VIII – A

Subject Title: BIOGEOGRAPHY

COURSE CODE: _____, Credit: __04__

Unit-I: Introduction to Biogeography		TOTAL LECTURES
1.1.	Biogeography-Concept, definition, nature and scope	12
1.2.	Historical development and branches of Biogeography	
1.3.	Approaches in Biogeography	
1.4.	Importance of Biogeographic studies	
Unit-II: Ecosystem and Biosphere		12
2.1.	Ecosystem: Concept, meaning and types	
2.2.	Components of ecosystem and ecosystem productivity	
2.3.	Biosphere: Concept, meaning and components	
2.4.	Biogeographic processes	
Unit -III: Plant Community		12
3.1.	Concept of plant community and classification of plants	
3.2.	Biotic succession and climax vegetation	
3.3.	Major plant formation and biomes- Tropical	
3.4.	Major plant formation and biomes- Temperate	
Unit –IV: Marine Biogeography		12
4.1.	Marine Biogeography meaning and concept	
4.2.	Types of ocean habitats	
4.3.	Biogeography of estuaries	
4.4.	Island biogeography	
Unit-V: Biodiversity		12
5.1.	Meaning and types of Biodiversity	
5.2.	Importance of Biodiversity	
5.3.	Causes of Biodiversity loss	
5.4.	Biodiversity conservation	

References:

- Flannery, T. 2015. The Eternal Frontier: An Ecological History of North America and Its Peoples. Grove/Atlantic, Inc.
- Gavin, D. G. 2012. Biogeography. Pages 77â€“89 in J. P. Stoltman, editor. 21st Century Geography: A Reference Handbook. SAGE Publications, Thousand Oaks, CA.
- Jackson, S. T. 2004. Quaternary biogeography: Linking biotic responses to environmental variability across timescales. Pages 47â€“65 in M. V. Lomolino and L. R. Heaney, editors. Frontiers of Biogeography: New Directions in the Geography of Nature. Sinauer, Sunderland, MA.
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- Molles, M. C. 1999. Ecology: Concepts and Applications. WCB/McGraw-Hill.
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Time: 3 hours		Marks; 100
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
Q. 1	Long answer question on Unit-I	20 Marks
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OR		
	Long answer question on unit –III for 20 Marks	20 Marks

	or Two short answer questions each 10 Marks	
Q. 4	Long answer question on Unit-IV	20 Marks
	OR	
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 5	Long answer question on Unit-V	20 Marks
	OR	
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai

Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

T.Y.B.A. / T.Y.B.Sc. Geography, Semester – VI, Paper – VIII-B:

Subject Title: SOCIAL GEOGRAPHY

COURSE CODE: _____ (2018-19), Credit: __04__

UNIT – I: Introduction to Social Geography		TOTAL LECTURES
1.1	Social Geography: Definitions, Nature, Scope and importance	12
1.2	Branches and Approaches in Social Geography	
1.3	Concept of Social Space and Socio-cultural Regions	
1.4	Globalisation: The Process of Social and Spatial Change	
UNIT – II: Elements of Social Geography -World		12
2.1	Race: Concept and Basis of Classification and distribution	
2.2	Religion: Characteristics, Distribution and Spread of Major Religions in the World	
2.3	Language: Characteristics and Distribution of Major Linguistic Families in the World	
2.4	Tribes: Concept, Characteristics and Patterns of Distribution of Major Tribes in the World	

UNIT – III: : Elements of Social Geography –India		
3.1	Race: Major races and its distribution in India	12
3.2	Religion: Major Religions and its distribution and its distribution in India	
3.3	Language: Major Linguistic Families in India	
3.4	Tribes: Distribution of Scheduled Tribes in India	
UNIT - IV: Social Geography of City		
4.1	Social groups – identification and distribution	12
4.2	Residential segregation	
4.3	Functional segregation	
4.4	Social issues in the city	
UNIT – V: Contemporary Issues in India		
5.1	Religion related social issues	12
5.2	Language related social issues	
5.3	Patterns of gender issues in India	
5.4	Socio-economic problems of indigenous communities in India	

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- Bannerjee-Guha, S. (2004): “Space, Society and Geography”, Rawat Publications, Jaipur
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- Karmarkar, D. (2012): “Fishy Spaces: Globalisation and Livelihood of Indigenous Fishermen – A Case of Mumbai”, LAP LAMBERT Academic Publishing, Germany
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- Singh, L. R. (2009): “Fundamentals of Human Geography”, ShardaPustakBhawan, Allahabad
- Sukhtankar, S. and Vaishnav, M. (2015): “Corruption in India: Bridging Research Evidence and Policy Options”, An Independent Paper downloaded from https://www.dartmouth.edu/~sandip/Sukhtankar-Vaishnav-Corruption-IPF_Full.pdf
- Warburton, J. (2013): “Corruption as Social Process”, in P. Larmour and N. Wolanin (eds), *Corruption and Anti-Corruption*, ANU E Press, Downloaded from <http://press-files.anu.edu.au/downloads/press/p228301/pdf/ch13.pdf>
- www.nptel.ac.in/courses/109103022/40

QUESTION PAPER PATTERN:

Time: 3 hours		Marks; 100
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OR		
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	or Two short answer questions each 10 Marks	
Q. 3	Long answer question on Unit-III	20 Marks
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Q. 4	Long answer question on Unit-IV	20 Marks
	OR	
	Long answer question on unit –IV for 20 Marks or Two short answer questions each 10 Marks	20 Marks
Q. 5	Long answer question on Unit-V	20 Marks
	OR	
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

University of Mumbai

Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

T.Y.B.A. / T.Y.B.Sc. Geography, Semester – VI, Paper: VIII-C

Subject Title: GEOGRAPHY OF TRANSPORT

COURSE CODE: _____, Credit: 04

Unit-I : Introduction to Transport Geography		TOTAL LECTURES
1.1	Concept and Definition of Geography of Transport	12
1.2	Nature and Scope Geography of Transport	
1.3	Definition of Distance and its types, Factors affecting on Transportation	
1.4	Significance of the study of Geography of Transport	

Unit-II – Transport net work system		12
2.1	Transport net work system – structure and properties	
2.2	Application of graph theory measures	
2.3	Location of routes and efficiency of network	
2.4	Conflicting aspects of decision making	
Unit-III : Evolution of Modes of Transport		12
3.1	Evolution of transport network and their environment	
3.2	Phases of growth and development of different modes of transport	
3.3	Factors influencing comparative cost structures and locational responses	
3.4	Global patterns of land, water and air transports	
Unit-IV : Theoretical Framework of Transport		12
4.1	Connectivity and its Measurement	
4.2	Accessibility and its Measurement	
4.3	Taffe’s model	
4.4	Gravity model	
Unit-V: Transportation Issues in India		12
5.1	Issues associated with roadways transport network	
5.2	Issues associated with railways transport network	
5.3	Issues associated with water transport development	
5.4	Issues associated with air transport development	

REFERENCES:

1. Chorley R.J. & Haggett P. (1967): Models in Geography Methuen & Co. London.
2. Hagget, F and Chorley, R.J. Network Analysis’, Edward Arnold, London, 1968.
3. Hay, A.: Transport Economy, MacMillan, London, 1973.
4. Hoyle, B.S.(ed.): Transport and Development, MacMillan, London, 1973.
5. Hurst, M.E.(ed.) (1974): Transportation Geography, McGraw-Hill.
6. Raza, M. and Agrawal Y.P. : Transport Geography of India, Concept. New Delhi, 1985.

7. Robinson H & Bamford C.G. : Geography of Transport Macdonald & Evans., London 1978.
8. Saxena, H. M. (2010): Transport Geography, Rawat Publications, Jaipur
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10. Ullman E.L.: American Commodity Flow University of Washington Press 1957.
11. White H.P. and Senior, M.L. Transport Geography, Longman, London, 1983.
12. घारपुरे, विठ्ठल (२०१०): भारताचा भूगोल, पिंपळापुरे आणि प्रकाशक, नागपूर.
13. मगर, जयकुमार (२००८): भारताचा भूगोल, विद्या प्रकाशन नागपूर.

QUESTION PAPER PATTERN:

Time: 3 hours	Marks; 100	
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils is permitted. 3. Draw sketches and diagrams wherever necessary.		
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Q. 4	Long answer question on Unit-IV	20 Marks
OR		
	Long answer question on unit –IV for 20 Marks	20 Marks

	or Two short answer questions each 10 Marks	
Q. 5	Long answer question on Unit-V	20 Marks
OR		
	Long answer question on unit –V for 20 Marks or Two short answer questions each 10 Marks	20 Marks

<p>University of Mumbai</p> <p>Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)</p> <p>T.Y.B.A. / T.Y.B.Sc. Geography, Semester – VI, Paper – IX :</p> <p>PROJECT REPORT</p> <p>Course Code: Credits: 03</p>	
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UNIVERSITY OF MUMBAI

No. UG/14 of 2018-19

CIRCULAR:-


Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Science & Technology Faculty is invited to this office Circular No. UG/95 of 2015-16, dated 5th October, 2015 relating to syllabus of the Bachelor of Science (B.Sc.) degree course.

They are hereby informed that the recommendations made by the Board of Studies in Botany at its meeting held on 9th April, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 **vide** item No. 4.25 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.Sc. in Botany (Sem -V & VI), has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032

14th June, 2018

To


(Dr. Dinesh Kamble)
I/c REGISTRAR

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Science & Technology Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.25/05/05/2018

No. UG/14 -A of 2018

MUMBAI-400 032

14th June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies in Botany,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,


(Dr. Dinesh Kamble)
I/c REGISTRAR



UNIVERSITY OF MUMBAI

**Syllabus for the T.Y.B.Sc.
Program: B.Sc. Course: BOTANY**

(Credit Based Semester and Grading System with effect from
the academic year 2018–2019)

T.Y.B.Sc. Botany Syllabus
Restructured for Credit Based and Grading System
To be implemented from the Academic year 2018-2019

SEMESTER V

Course Code	UNIT	TOPICS	Credit	L / Weeks	
USBO501	PLANT DIVERSITY III		2.5		
	I	Microbiology			1
	II	Algae			1
	III	Fungi			1
	IV	Plant Pathology			1
USBO502	PLANT DIVERSITY IV		2.5		
	I	Paleobotany			1
	II	Angiosperms I			1
	III	Anatomy I			1
	IV	Palynology			1
USBO503	FORM AND FUNCTION III		2.5		
	I	Cytology and Molecular biology			1
	II	Physiology I			1
	III	Environmental Botany			1
	IV	Plant tissue culture			1
USBO504	CURRENT TRENDS IN PLANT SCIENCES II		2.5		
	I	Ethnobotany and Mushroom Industry			1
	II	Biotechnology I			1
	III	Instrumentation			1
	IV	Pharmacognosy and medicinal botany			1
USBOP5	Practicals based on all the four courses in theory		6	16	

SEMESTER VI

Course Code	UNIT	TOPICS	Credit	L / Weeks
USBO601	PLANT DIVERSITY III			
	I	Bryophyta	2.5	1
	II	Pteridophyta		1
	III	Bryophyta and Pteridophyta: Applied aspects		1
	IV	Gymnosperms		1
USBO602	PLANT DIVERSITY IV			
	I	Angiosperms II	2.5	1
	II	Anatomy II		1
	III	Embryology		1
	IV	Biostatistics		1
USBO603	FORM AND FUNCTION III			
	I	Plant Biochemistry	2.5	1
	II	Physiology II		1
	III	Genetics		1
	IV	Bioinformatics		1
USBO604	CURRENT TRENDS IN PLANT SCIENCES II			
	I	Plant biotechnology II	2.5	1
	II	Plant Geography		1
	III	Economic Botany		1
	IV	Post Harvest Technology		1
USBOP6	Practicals based on all the four courses in theory		6	16

SEMESTER V

THEORY

Course Code	Title	Credits
USBO501	PLANT DIVERSITY III	2.5 Credits (60 lectures)
Unit I: Microbiology <ul style="list-style-type: none">• Types of Microbes• Culturing: Sterilization, media, staining, colony characters• Pure cultures Role of microbes in fermentation: Alcohol and Antibiotics		(15 lectures)
Unit II : Algae <ul style="list-style-type: none">• Division <u>Rhodophyta</u> Classification and General Characters: Distribution, Cell structure, pigments, reserve food, range of thallus, reproduction: asexual and sexual, Alternation of Generations, Economic Importance.• Structure, life cycle and systematic position of <i>Polysiphonia</i> <i>Batrachospermum</i>• Classification and General Characters of <u>Xanthophyta</u>: Distribution, Cell structure, pigments, reserve food, range of thallus, Reproduction: asexual and sexual, Alternation of Generations, Economic Importance.• Structure, life cycle and systematic position of <i>Vaucheria</i>• Classification and General Characters of <u>Bacillariophyta</u>: Distribution, Cell structure, pigments, reserve food, range of thallus, Reproduction: asexual and sexual, Alternation of Generations, Economic Importance.• Structure, life cycle and systematic position of <i>Pinnularia</i>		(15 lectures)
Unit III : Fungi <ul style="list-style-type: none">• Basidiomycetes: Classification and General characters• Life cycle of <i>Agaricus</i>• Life cycle of <i>Puccinia</i>• Deuteromycetae: Classification and General Characters• Life cycle of <i>Alternaria</i>		(15 lectures)
Unit IV : Plant Pathology <ul style="list-style-type: none">• Study of plant diseases: Causative organism, symptoms, predisposing factors, disease cycle and control measures of the following.<ul style="list-style-type: none">➤ White Rust – <i>Albugo</i> sp.➤ Tikka disease of ground nut: <i>Cercospora</i>➤ Damping off disease: <i>Pythium</i>➤ Citrus canker – <i>Xanthomonas</i> sp.➤ Leaf curl – leaf curl virus<ul style="list-style-type: none">• Study of Physical, chemical and biological control methods of plant diseases.		(15 lectures)

Course Code	Title	Credits
USBO502	PLANT DIVERSITY III	2.5 Credits (60 lectures)
<u>Unit I : Paleobotany</u> <ul style="list-style-type: none"> • <i>Calamites</i> – All form genera Stem, leaf, male and female fructification • <i>Lepidodendron</i>–All form genera root, stem, bark, leaf, male and female fructification • <i>Lyginopteris</i> – All form genera root, stem, leaf, male and female fructification • <i>Pentoxylon</i> – All form genera • Contribution of Birbal Sahni, Birbal Sahni Institute of Paleobotany, Lucknow 		(15 lectures)
<u>Unit II : Angiosperms I</u> <ul style="list-style-type: none"> • Morphology of flower and fruit • Complete classification of Bentham and Hooker (only for prescribed families), Merits and demerits • Bentham and Hooker’s system of classification for flowering plants up to family with respect to the following prescribed families and economic and medicinal importance for members of the families <ul style="list-style-type: none"> • Capparidaceae • Umbelliferae • Cucurbitaceae • Rubiaceae • Solanaceae • Commelinaceae • Graminae 		(15 lectures)
<u>Unit III : Anatomy</u> <ul style="list-style-type: none"> • Anomalous secondary growth in the Stems of <i>Bignonia</i>, <i>Salvadora</i>, <i>Achyranthes</i>, <i>Aristolochia</i>, <i>Dracaena</i>. Storage roots of Beet, Radish • Root stem transition • Types of Stomata – Anomocytic, Anisocytic, Diacytic, Paracytic, and Graminaceous 		(15 lectures)
<u>Unit IV : Palynology</u> <ul style="list-style-type: none"> • Pollen Morphology • Pollen viability – storage • Germination and growth of pollen • Application of Palynology in honey industry, coal and oil exploration, Aerobiology and pollen allergies, forensic science 		(15 lectures)

Course Code	Title	Credits
USBO503	FORM AND FUNCTIONS- II	2.5 Credits (60 lectures)
UNIT I : CYTOLOGY AND MOLECULAR BIOLOGY Structure and function of nucleus Structure and function of vacuole Structure and function of giant chromosomes The genetic code: Characteristics of the genetic code Transcription and Translation in Eukaryotes		(15 lectures)
UNIT II: PHYSIOLOGY Water relations: Potential, osmosis, transpiration, imbibition, Solute transport: Transport of ions across cell membranes, active and passive transport, carriers, channels and pumps. Translocation of solutes: Composition of phloem sap, girdling experiment, pressure flow model, phloem loading and unloading, anatomy of sieve tube elements, mechanisms of sieve tube translocation, Munch's hypothesis.		(15 lectures)
UNIT III ENVIRONMENTAL BOTANY Bioremediation: Principles, factors responsible and microbial population in bioremediation. Phytoremediation: Metals, Organic pollutants Plant succession: Hydrosere and Xerosere – Formation of barren space, succession on the land citing different seres leading upto the climax, succession in water, ecesis, poly and monoclimax theories		(15 lectures)
UNIT IV PLANT TISSUE CULTURE Aspects of micropropagation with reference to Floriculture: Detailed study of Orchid cultivation Plant cell suspension cultures for the production of secondary metabolites: with special reference to Shikonin production. Somatic embryogenesis and artificial seeds: Protoplast fusion and Somatic hybridization: i) Concept, definition, and various methods of protoplast fusion ii) Applications of somatic hybridization in agriculture		(15 lectures)

Course Code	Title	Credits
USBO504	<u>CURRENT TRENDS IN PLANT SCIENCES I</u>	2.5 Credits (60 lectures)
UNIT I ETHNOBOTANY AND MUSHROOM INDUSTRY Ethnobotany - Definition, history, sources of data and methods of study. Applications of ethnobotany 1) Ethnomedicines 2) Agriculture 3) Edible plants 4) Famine related plants, 5) Toxic plants and Antidotes. Traditional medicines as used by tribal in Maharashtra towards i) Skin ailments: <i>Rubia cordifolia</i> , Sandalwood ii) Liver ailments : <i>Phyllanthus</i> , <i>Andrographis</i> iii) Wound healing and ageing: <i>Centella</i> , <i>Typha</i> , <i>Terminalia</i> , <i>Tridax</i> iv) Fever : <i>Vitex negundo</i> , <i>Tinospora cordifolia</i> leaves v) Diabetis: <i>Momordica charantia</i> , <i>Syzygium cuminii</i> Mushroom industry: i)Detail general account of production of mushrooms with respect to methods of Composting, spawning, casing, harvesting of mushroom. Cultivation of <i>Pleurotus</i> , <i>Agaricus</i> , <i>Volvariella</i> Mushroom to be studied in detail. ii)General account of mushrooms: Nutritional value, picking and packaging, economic importance.		(15 lectures)
Unit II BIOTECHNOLOGY I <ul style="list-style-type: none"> • Construction of genomic DNA libraries, Chromosome libraries and c- DNA libraries. • Identification of specific cloned sequences in cDNA libraries and Genomic libraries • Analysis of genes and gene transcripts – Restriction enzyme, analysis of cloned DNA sequences. Hybridization (Southern Hybridization)		(15 lectures)
UNIT III INSTRUMENTATION Colorimetry and Spectrophotometry (Visible, UV and IR)- Instrumentation, working, principle and applications. Chromatography: General account of Column chromatography. Principle and bedding material involved in adsorbtion and partition chromatography, ion exchange chromatography, molecular sieve chromatography.		(15 lectures)
UNIT IV PHARMACOGNOSY AND MEDICINAL BOTANY Monographs of drugs with reference to biological sources, geographical distribution, common varieties, macro and microscopic characters, chemical constituents, therapeutic uses, adulterants- <i>Strychnos</i> seeds, Senna leaves, Clove buds, <i>Allium sativum</i> , <i>Acorus calamus</i> and <i>Curcuma longa</i>		(15 lectures)

SEMESTER V
PRACTICAL

Semester V USBOP5	Cr
PRACTICAL Paper I – PLANT DIVERSITY III	1.5
<p>Microbiology</p> <ul style="list-style-type: none"> • Study of aeromicrobiota by petri plate exposed method Fungal culture; Bacterial culture • Determination of Minimum Inhibitory Concentration (MIC) of sucrose against selected micro organism • Study of antimicrobial activity by the disc diffusion method 	
<p>Algae</p> <p>Study of stages in the life cycle of the following Algae from fresh / preserved material and permanent slides</p> <ul style="list-style-type: none"> • <i>Polysiphonia</i> • <i>Batrachospermum</i> • <i>Vaucheria</i> • <i>Pinnularia</i> 	
<p>Fungi</p> <p>Study of stages in the life cycle of the following Fungi from fresh / preserved material and permanent slides</p> <ul style="list-style-type: none"> • <i>Agaricus</i> • <i>Puccinia</i> • <i>Alternaria</i> 	
<p>Plant Pathology</p> <p>Study of the following fungal diseases:</p> <ul style="list-style-type: none"> • White rust • Tikka disease in Groundnut • Damping off disease • Citrus canker • Leaf curl 	
PRACTICAL Paper II – PLANT DIVERSITY IV	
<p>Paleobotany</p> <p>Study of the following form genera with the help of permanent slides/ photomicrographs.</p> <ul style="list-style-type: none"> • <i>Calamites</i> • <i>Lepidodendron</i> • <i>Lyginopteris</i> • <i>Pentoxylon</i> 	

<p>Angiosperms</p> <ul style="list-style-type: none"> • Morphology of Flower • Morphology of fruit • Study of one plant from each of the following Angiosperm families <ul style="list-style-type: none"> • Capparidaceae • Umbelliferae • Cucurbitaceae • Rubiaceae • Solanaceae • Commelinaceae • Graminae • Morphological peculiarities and economic importance of the members of the above-mentioned Angiosperm families • Identifying the genus and species of a plant with the help of Flora 	
<p>Anatomy I</p> <p>Study of anomalous secondary growth in the stems of the following plants using double staining technique:</p> <ul style="list-style-type: none"> • <i>Bignonia</i> • <i>Salvadora</i> • <i>Achyranthes</i> • <i>Aristolochia</i> • <i>Dracaena</i> <p>Study of anomalous secondary growth in the roots of</p> <ul style="list-style-type: none"> • Beet • Radish <p>Types of Stomata</p> <ul style="list-style-type: none"> • Anomocytic • Anisocytic • Diacytic • Paracytic • Graminaceous 	
<p>Palynology</p> <p>Study of pollen morphology (NPC Analysis) of the following by Chitale's Method</p> <ul style="list-style-type: none"> • <i>Hibiscus</i> • <i>Datura</i> • <i>Ocimum</i> • <i>Crinum</i> • <i>Panocratium</i> • <i>Canna</i> <p>Determination of pollen viability</p> <p>Pollen analysis from honey sample – unifloral and multifloral honey</p> <p>Effect of varying concentration of sucrose on <i>In vitro</i> Pollen germination</p>	

PRACTICAL - Paper III FORM AND FUNCTION II	
CYTOLOGY AND MOLECULAR BIOLOGY <ul style="list-style-type: none"> • Mounting of Giant chromosomes from Chironomous larva • Smear preparation from <i>Tradescantia</i> buds • Predicting the sequence of amino acids in the polypeptide chain that will be formed following translation (Eukaryotic) 	
<u>PHYSIOLOGY</u> <ul style="list-style-type: none"> • Estimation of Phosphate phosphorus (Plant acid extract) • Estimation of Iron (Plant acid extract) <p>Note: Preparation of a standard graph and determination of the multiplication factor for Phosphate / Iron estimation using a given standard phosphate / Standard Iron solution should be done in regular practical as this will also be put as a question in practical exam</p>	
<u>ENVIRONMENTAL BOTANY</u> Estimation of the following in given water sample <ul style="list-style-type: none"> • Dissolved oxygen demand • Biological oxygen demand • Hardness • Salinity and Chlorinity 	
<u>MICROPROPOGATION</u> Plant Tissue culture: <ul style="list-style-type: none"> • Identification – Multiple shoot culture, hairy root culture, somatic embryogenesis • Preparation of stock solutions for preparation of MS medium <p>(Note: Concept of preparation of specified molar solutions should be taught and problems based on preparation of stock solutions for tissue culture media will be given).</p>	
<u>PAPER IV CURRENT TRENDS IN PLANT SCIENCES II</u>	
<u>ETHNOBOTANY AND MUSHROOM INDUSTRY</u> <ul style="list-style-type: none"> • Study of plants mentioned in theory for Ethnobotany • Mushroom cultivation (To be demonstrated) • Identification of various stages involved in mushroom cultivation – spawn, pin head stage, mature/ harvest stage of <i>Agaricus</i>, <i>Pleurotus</i>, <i>Volvariella</i> 	
<u>BIOTECHNOLOGY I</u> <ul style="list-style-type: none"> • Growth curve of <i>E. coli</i> • Plasmid DNA isolation and Separation of DNA using AGE • Restriction mapping (problems), Southern blotting 	
<u>INSTRUMENTATION</u> <ul style="list-style-type: none"> • Demonstration of Beer Lambert's Law • Experiment based on ion exchange chromatography for demonstration • Experiment based on separation of dyes/ plant pigments using silica gel column. 	
<u>UNIT IV PHARMACOGNOSY</u> Macroscopic/ Microscopic characters and Chemical tests for active constituents of the following plants <ul style="list-style-type: none"> • <i>Allium sativum</i> 	

<ul style="list-style-type: none">• <i>Acorus calamus</i>• <i>Curcuma longa</i>• <i>Senna angustifolia</i>• <i>Strychnos nux-vomica</i>• <i>Eugenia caryophyllata</i>	
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SEMESTER VI

Course Code	Title	Credits
USBO601	PLANT DIVERSITY III	2.5 Credits (60 lectures)
<u>Unit I : Bryophyta</u> <ul style="list-style-type: none">• Life cycle of <i>Marchantia</i>• Life cycle of <i>Pelia</i>• Life cycle of <i>Sphagnum</i>		(15 lectures)
<u>Unit II : Pteridophyta</u> <ul style="list-style-type: none">• Lepidophyta – Classification, general characters; Life cycle of <i>Lycopodium</i>• Calamophyta – Classification, general characters; Life cycle of <i>Equisetum</i>• Pterophyta – Classification and general characters, Life cycle of <i>Adiantum</i> and <i>Marselia</i>		(15 lectures)
<u>Unit III : Bryophytes and Pteridophytes: Applied aspects</u> <ul style="list-style-type: none">• Ecology of Bryophytes• Economic importance of Bryophytes• Bryophytes as indicators• Evolution of Sporophyte and Gametophyte• Economic importance of Pteridophytes• Diversity and distribution of Indian Pteridophytes• Types of sori and evolution of sori		(15 lectures)
<u>Unit IV : Gymnosperms</u> <ul style="list-style-type: none">• Life cycle of <i>Biota (Thuja)</i>, Classification• Life cycle of <i>Gnetum</i>, Classification• Life cycle of <i>Ephedra</i>, Classification• Economic importance of Gymnosperms		(15 lectures)

Course Code	Title	Credits
USBO602	PLANT DIVERSITY IV	2.5 Credits (60 lectures)
<u>Unit I : Angiosperms II</u> <ul style="list-style-type: none"> • Major Botanic gardens of India – Indian Botanic Garden, Howrah; National Botanic Garden (NBRI) Lucknow; Lloyd Botanic Garden, Darjeeling; Lalbaugh or Mysore State Botanic Garden Bangalore • Botanical survey of India and regional branches of India • Study of following plant families <ul style="list-style-type: none"> ➤ Rhamnaceae ➤ Combretaceae ➤ Asclepiadaceae ➤ Labiatae ➤ Euphorbiaceae ➤ Cannaceae • Hutchinson’s classification – merits and demerits 		(15 lectures)
<u>Unit II : Anatomy II</u> Ecological anatomy <ul style="list-style-type: none"> • Hydrophytes – submerged, floating, rooted • Hygrophytes - <i>Typha</i> • Mesophytes • Sciophytes • Halophytes • Epiphytes • Xerophytes 		(15 lectures)
<u>Unit III : Embryology</u> <ul style="list-style-type: none"> • Microsporogenesis • Megasporogenesis - Development of monosporic type, examples of all embryo sacs • Types of ovules • Double fertilization • Development of embryo – <i>Capsella</i> 		(15 lectures)
<u>Unit IV : Biostatistics</u> <ul style="list-style-type: none"> • Test of significance student’s <i>t</i>-test (paired and unpaired) • Regression • ANOVA (one way) 		(15 lectures)

Course Code	Title	Credits
USBO603	FORM AND FUNCTION III	2.5 Credits (60 lectures)
<u>UNIT I PLANT BIOCHEMISTRY</u>		15 Lectures
<ul style="list-style-type: none"> • Structure of biomolecules: Carbohydrates (sugars, starch, cellulose, pectin, lipids (fatty acids and glycerol), proteins (amino acids) • Enzymes: Nomenclature, classification, mode of action, Enzyme kinetics, Michaelis Menten equation, competitive non-competitive, and uncompetitive inhibitors. 		
<u>UNIT II PLANT PHYSIOLOGY II</u>		15 Lectures
<ul style="list-style-type: none"> • NITROGEN METABOLISM: Nitrogen cycle, root nodule formation, and leg haemoglobin, nitrogenase activity, assimilation of nitrates, (NR, NiR activity), assimilation of ammonia, (amination and transamination reactions), nitrogen assimilation and carbohydrate utilisation. • Physiological effects and commercial applications of Auxins, Gibberellins, Cytokinins and Abscisic acid 		
<u>UNIT III : GENETICS</u>		15 Lectures
<ul style="list-style-type: none"> • Genetic mapping in eukaryotes: discovery of genetic linkage, gene recombination, construction of genetic maps, three-point crosses and mapping chromosomes, problems based on the same • Gene mutations: definition, types of mutations, causes of mutations, induced mutations, the Ames' test • Metabolic disorders – enzymatic and non-enzymatic: Gene control of enzyme structure Garrod's hypothesis of inborn errors of metabolism, Phenyl ketone urea, albinism, sickle cell anaemia 		
<u>UNIT IV: BIOINFORMATICS</u>		15 Lectures
<ul style="list-style-type: none"> • Organization of biological data, databases • Exploration of data bases, retrieval of desired data, BLAST. • Protein structure analysis and application • Multiple sequence analysis and phylogenetic analysis 		

Course Code	Title	Credits
USBO604	CURRENT TRENDS IN PLANT SCIENCES II	2.5 Credits (60 lectures)
Unit I PLANT BIOTECHNOLOGY II		15 Lectures
<ul style="list-style-type: none"> • DNA sequence analysis – Maxam – Gilbert Method and Sanger’s method • Polymerase Chain reaction • DNA barcoding: Basic features, nuclear genome sequence, chloroplast genome sequence, <i>rbcL</i> gene sequence, <i>matK</i> gene sequence, present status of barcoding in plants 		
Unit II: Plant Geography		15 Lectures
Phytogeographical regions of India.		
Biodiversity:		
<ul style="list-style-type: none"> • Definition, diversity of flora found in various forest types of India • Evolution of biodiversity with one example of an evolutionary tree • Levels of biodiversity • Importance and status of biodiversity • Loss of biodiversity • Conservation of biodiversity • Genetic diversity- Molecular characteristics 		
Unit III: Economic Botany		15 Lectures
<ul style="list-style-type: none"> • Essential Oils: Extraction, perfumes, perfume oils, oil of rose, sandalwood, patchouli, champaca, grass oils: <i>Citronella</i>, vetiver. • Fatty oils: Drying oil (linseed and soyabean oil), semidrying oils (cotton seed, sesame oil) and non-drying oils (olive oil and peanut oil), • Vegetable Fats: Coconut and Palm oil 		
Unit IV : Post Harvest Technology		15 Lectures
<ul style="list-style-type: none"> • Storage of Plant Produce- Preservation of Fruits and Vegetables • Drying (Dehydration)- (Natural conditions – Sun drying; Artificial drying- hot air drying, Vacuum drying, Osmotically dried fruits, Crystallized or Candied fruits, Fruit Leather, Freeze Drying) • Freezing (Cold air blast system, Liquid immersion method, Plate freezers, Cryogenic Freezing, Dehydrofreezing, Freeze drying), • Canning • Pickling (in brine, in vinegar, Indian pickles) • Sugar Concentrates (Jams, Jellies, Fruit juices) • Food preservatives • Use of antioxidants in preservation 		

SEMESTER VI
PRACTICAL

Semester VI USBOP	Cr
PRACTICAL PAPER I – PLANT DIVERSITY III	1.5
<p>Bryophyta Study of stages in the life cycle of the following Bryophyta from fresh / preserved material and permanent slides</p> <ul style="list-style-type: none"> • <i>Marchantia</i> • <i>Pelia</i> • <i>Sphagnum</i> 	
<p>Pteridophyta Study of stages in the life cycles of the following Pteridophytes from fresh / preserved material and permanent slides</p> <ul style="list-style-type: none"> • <i>Lycopodium</i> • <i>Equisetum</i> • <i>Adiantum</i> • <i>Marselia</i> 	
<p>Bryophytes and Pteridophytes: Applied aspects</p> <ul style="list-style-type: none"> • Economic importance of Bryophyta • Economic importance of Pteridophyta • Types of sporophytes in Bryophyta (from Permanent slides) • Types of sori and soral arrangement in Pteridophytes 	
<p>Gymnosperms Study of stages in the life cycles of the following Gymnosperms from fresh / preserved material and permanent slides</p> <ul style="list-style-type: none"> • <i>Thuja/ Biota</i> • <i>Gnetum</i> • <i>Ephedra</i> <p>Economic importance of Gymnosperms</p>	
PRACTICAL PAPER II – PLANT DIVERSITY IV	1.5
<p>Angiosperms Study of one plant from each of the following Angiosperm families</p> <ul style="list-style-type: none"> • Rhamnaceae • Combretaceae • Asclepiadaceae • Labiatae • Euphorbiaceae • Cannaceae <p>Morphological peculiarities and economic importance of the members of the above-mentioned Angiosperm families Identify the genus and species with the help of flora</p>	

<p>Anatomy</p> <p>Study of Ecological Anatomy of</p> <ul style="list-style-type: none"> Hydrophytes: <i>Hydrilla</i> stem, <i>Nymphaea</i> petiole, <i>Eichhornia</i> offset Epiphytes: Orchid Sciophytes: <i>Peperomia</i> leaf Xerophytes: <i>Nerium</i> leaf, <i>Opuntia</i> phylloclade Halophytes: <i>Avicennia</i> leaf and pneumatophore, <i>Sesuvium</i> / <i>Sueda</i> leaf Mesophytes: <i>Vinca</i> leaf 	
<p>Embryology</p> <ul style="list-style-type: none"> Study of various stages of Microsporogenesis, Megasporogenesis and Embryo Development with the help of permanent slides / photomicrographs Mounting of Monocot (Maize) and Dicot (Castor and Gram) embryo <i>In vivo</i> growth of pollen tube in <i>Portulaca/Vinca</i> 	
<p>Biostatistics</p> <ul style="list-style-type: none"> <i>t</i>-test (paired and unpaired) Problems based on regression analysis ANOVA 	
PRACTICAL PAPER III – Form and function III	1.5
<p>PLANT BIOCHEMISTRY</p> <ul style="list-style-type: none"> Estimation of proteins by Biuret method Effect of temperature on the activity of amylase Effect of pH on the activity of amylase Effect of substrate variation on the activity of amylase 	
<p>PLANT PHYSIOLOGY</p> <ul style="list-style-type: none"> Determination of alpha-amino nitrogen Effect of GA on seed germination Estimation of reducing sugars by DNSA method 	
<p>GENETICS</p> <ul style="list-style-type: none"> Problems based on three-point crosses, construction of chromosome maps Identification of types of mutations from given DNA sequences Study of mitosis using pre-treated root tips of <i>Allium</i> 	
<p>BIOINFORMATICS</p> <ul style="list-style-type: none"> BLAST: nBLAST, pBLAST Multiple sequence alignment Phylogenetic analysis RASMOL/ SPDBV 	

PRACTICAL PAPER IV CURRENT TRENDS IN PLANT SCIENCES	1.5
PLANT BIOTECHNOLOGY II <ul style="list-style-type: none"> • DNA sequencing (Sanger's Method) • DNA barcoding of plant material by using suitable data 	
Plant Geography <ul style="list-style-type: none"> • Study of phytogeographic regions of India • Preparation of vegetation map using Garmin's GPS Instrument • Problems based on Simpson's diversity Index 	
Economic Botany <ul style="list-style-type: none"> • Demonstration: Extraction of essential oil using Clevenger • Thin layer chromatography of essential oil of patchouli and <i>Citronella</i> • Saponification value of palm oil 	
Post-Harvest Technology Preparation of <ul style="list-style-type: none"> • Squash • Jam • Jelly • Pickle 	

Scheme of Examinations:

Students offering Double major will study Paper II and III.

Theory Course:Term end Assessment	100 Marks
Practical Course	50 marks

Note:

1. A minimum of four field excursions (with at least one beyond the limits of Mumbai) for habitat studies are compulsory. Field work of not less than eight hours duration is equivalent to one period per week for a batch of fifteen students.
2. A candidate will be allowed to appear for the practical examinations only if he/she submits a certified journal of TYBSc Botany and the Field Report or a certificate from the Head of the Department/Institute to the effect that the candidate has completed the practical course of TYBSc Botany as per the minimum requirements. In case of loss of journal, a candidate must produce a certificate from the Head of the Department/ Institute that the practical for the academic year were completed by the student. However, such a candidate will be allowed to appear for the practical examination but the marks allotted for the journal will not be granted.

**UNIVERSITY OF MUMBAI
T.Y.B.Sc. BOTANY SEMESTER V
PLANT DIVERSITY III
PRACTICAL I**

Duration: 3 hours

Max. Marks : 50

- Q. 1 Perform the given Microbiological experiment 'A'. **12M**
- Q. 2 Identify, classify and describe specimen **B, C** and **D**. Sketch neat and labeled diagrams of morphological/microscopical structures seen in the specimens. **24M**
- Q. 3 Identify and describe slides/ specimens **E, F** and **G**. **09M**
- Q. 4 Journal. **05M**

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Key-

A- Any one experiment out of four as prescribed in syllabus

B & C- Algae

D- Fungi

E, F & G – (Plant Pathology, Algae or Fungi not asked above) in random order

**UNIVERSITY OF MUMBAI
T.Y.B.Sc. BOTANY SEMESTER V
PLANT DIVERSITY IV
PRACTICAL II**

Duration: 3 hours

Max. Marks: 50

- Q. 1 A. Classify specimen 'A' up to their families giving reasons. Give floral formula. Sketch and labelled L.S. of flower and T.S. ovary. **10M**
- Q. 1.B. Identify genus and species of specimen 'B' using flora. **05M**
- Q. 2 Make a temporary double stained preparation of T.S. specimen 'C' and comment on the type of secondary growth. **08M**
- Q. 3 Perform the Palynology experiment 'D' allotted to you. **07M**
- Q. 4 Identify and describe slide/ specimen 'E', 'F', 'G' &'H'. **12M**
- Q. 5 Field report **03M**
- Q. 6 Viva voce (based on Paper I and Paper II). **05M**

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A – Families of T.Y.B.Sc only

B – Plants from F.Y & S.Y. B. Sc Families to be included

C- Anatomy- Anomalous Secondary Growth

D- As per slip

E, F, G & H

Fossils, Types of Stomata, Morphology of flower & Fruits – in random order

**UNIVERSITY OF MUMBAI
T.Y.B.Sc. BOTANY SEMESTER V
FORM AND FUNCTION III
PRACTICAL III**

Duration: 3 hours

Max. Marks : 50

- Q. 1 Make a smear preparation of material 'A' and show the slide to the Examiner. Comment on your observation/ Expose the giant Chromosomes from the salivary glands of Chironomous larva. **08**
- Q. 2 Perform the experiment 'B' allotted to you (physiology). **12**
- Q. 3 Perform the experiment 'C' allotted to you (ecology). **12**
- Q. 4. Calculate the _____ of the given solution 'D' to prepare the required solution. **07**
- Q. 5. Identify and describe slide/specimen 'E' & 'F' **06**
- Q.6. Journal **05**

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B: Physiology experiment

C: Ecology experiment

D: Plant tissue culture

E & F: Multiple shoot culture, hairy root culture, somatic embryogenesis, amino acid sequencing.

**UNIVERSITY OF MUMBAI
T.Y.B.Sc. BOTANY SEMESTER V
CURRENT TRENDS IN PLANT SCIENCE II
PRACTICAL IV**

Duration: 3 hours

Max. Marks: 50

- Q. 1. Perform the experiment A – growth curve of *E-coli*/ Isolate plasmid DNA and separate using AGE. **12**
- Q. 2. Perform the experiment ‘**B**’ allotted to you. **10**
- Q. 3. Describe macroscopical/microscopical character with the help of neat and labelled sketches of specimens ‘**C**’ and ‘**D**’. Perform the chemical test/ TLC to identify the active constituents
14
- Q. 4 Identify and explain the specimens/ photographs ‘**E**’, ‘**F**’ and ‘**G**’. **09**
- Q. 5. Journal **05**

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Key-

B – experiment based on Beer- Lambert’s Law

Experiment on separation of dyes/pigments using silica gel column chromatography

C & D- *Allium sativum*

Acorus calamus

Curcuma longa

Senna angustifolia

Strychnos nux-vomica

Eugenia caryophyllata

E, F & G - any stage of mushroom cultivation, any Plant from ethnobotany, problems on restriction mapping

**UNIVERSITY OF MUMBAI
T.Y.B.Sc. BOTANY SEMESTER VI
PLANT DIVERSITY III
PRACTICAL I**

Duration: 3 hours

Max. Marks : 50

- Q. 1 Identify, classify and describe specimen **A** and **B**. Sketch neat and labelled diagrams of morphological/microscopical structures seen in the specimens. **10M**
- Q. 2. Identify, classify and describe specimen **C** and **D**. Sketch neat and labeled diagrams of morphological/microscopical structures seen in the specimens. **10M**
- Q.3 Identify, classify and describe specimen '**E**'. Sketch neat and labeled diagrams of morphological/microscopical structures seen in the specimens. **07M**
- Q. 4. Identify and describe slides/specimen '**F**', '**G**' '**H**', '**I**' & '**J**'. **15M**
- Q. 5. Journal. **05M**
- Q. 6. Field report **03M**

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A & B- *Marchantia, Pellia & Sphagnum*
C & D- *Lycopodium, Equisetum, Adiantum & Marsilea*
E-Gymnosperm- *Thuja, Gnetum & Ephedra*
F, G & H , I & J- [In random order]
Economic importance of Bryophytes
Economic importance of Pteridophytes
Types of sporophytes in Bryophyta
Types of Sori in Pteridophytes
Soral arrangement in Pteridophytes
Economic importance of Gymnosperms

**UNIVERSITY OF MUMBAI
T.Y.B.Sc. BOTANY SEMESTER VI
PLANT DIVERSITY IV
PRACTICAL II**

Duration: 3 hours

Max. Marks: 50

- Q. 1. From the given data/ material **A** determine test of significance using students t-test/ Regression Analysis/ ANOVA **10M**
- Q. 2 A. Classify specimen **'B'** up to their families giving reasons. Give floral formula. Sketch and labelled L.S. of flower and T.S. ovary. **10M**
- Q. 2.B. Identify genus and species of specimen **'C'** using flora. **05M**
- Q. 3 Make a stained preparation of specimen **'D'** and comment on its ecological anatomy. **08M**
- Q. 4 Identify and describe slide/specimen **'E', 'F', 'G'** and **'H'**. **12M**
- Q. 5 Viva voce (based on Paper III and paper IV) **05M**

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Key- Paper-II

- A-** Problem on biostats
- B-** Families of T.Y.B.Sc only
- C-**Plants from F.Y., S.Y. & T.Y. B. Sc SEM V Families to be included
- D-**Ecological anatomy
- E, F, G & H** [In random order]
- , Economic importance of specimen from prescribe families (sem VI only) & Embryology

**UNIVERSITY OF MUMBAI
T.Y.B.Sc. BOTANY SEMESTER VI
FORM AND FUNCTION III
PRACTICAL III**

Duration: 3 hours

Max. Marks : 50

- Q. 1. Perform the experiment 'A' allotted to you. **10**
- Q. 2. Perform the experiment 'B' allotted to you. **10**
- Q.3. Make a squash preparation to show the stage of mitosis from the pre-treated root tips B. **06**
- Q. 4. Construct a chromosome map from the given data C/ Identify the type of mutation and comment on them (any two types of mutations) **12**
- Q. 5. Perform the given analysis of data D using computer (Bioinformatics). **07**
- Q. 5. Journal. **05**

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A: Plant Biochemistry Experiment
B: Plant Physiology Experiment

**UNIVERSITY OF MUMBAI
T.Y.B.Sc. BOTANY SEMESTER VI
CURRENT TRENDS IN PLANT SCIENCE II
PRACTICAL IV**

Duration: 3 hours

Max. Marks: 50

- Q. 1. Perform the DNA barcoding of plant material using given data 'A' **10**
OR
Perform DNA sequencing by Sanger's method of the given sequence 'A'. **10**
- Q. 2. Calculate Simpson's Diversity Index from the given data 'B'. **08**
- Q.3. Mark the _____ phytogeographic region 'C' in the map of India and
Comment on the same. **05**
- Q. 3 Perform the experiment 'C' allotted to you **10**
- Q. 4 Prepare the squash/Jam/jelly/pickle from the given material 'D'. **12**
- Q. 5. Viva voce. **05**

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C- TLC of Patchouli or *Citronella* / saponification value

Reference Books

1. A handbook of Ethnobotany by S.K. Jain, V. Mudgal
2. Plants in folk religion and mythology (Contribution to Ethnobotany by S.K.Jain 3rd Rev. Ed.).
3. Introduction to Plant Physiology by Noggle and Fritz, Prentice Hall Publishers (2002)
4. Plant Physiology by Salisbury and Ross CBS Publishers
5. Plant Physiology by Taiz and Zeiger Sinauer Associates Inc. Publishers, 2002
6. Genetics by Russel Peter Adison Wesley Longman Inc. (5th edition)
7. An introduction to Genetic analysis Griffith Freeman and Company (2000)
8. Fundamentals of Biostatistics by Rastogi, Ane Books Pvt. Ltd. (2009).
9. College Botany Vol I and II by Gangulee Das and Dutta Central Education enterprises.
10. Cryptogamic Botany Vol I and II by G M Smith, Mcgraw Hill
11. Industrial Microbiology by Cassida, New Age International, New Delhi
12. Industrial Microbiology Mac Millan Publications, New Delhi
13. Physiological Plant Anatomy by Haberlandt, Mac Millan and Company
14. Ayurveda Ahar by P H Kulkarni
15. Pharmacognosy by Kokate, Purohit and Gokhale, Nirali Publications
16. Bioinformatics by Sunder Rajan
17. Instant Notes on Bioinformatics by Westhead (2002), Taylor Francis Publications.
18. Bioinformatics by Ignasimuthu
19. DNA barcoding plants: taxonomy in a new perspective 2010. K Vijayan and C H Tsou, Current Science, 1530 – 1541.
20. Introduction to Biostatistics by P K Banerjee, Chand Publication.
21. Plant Biotechnology by K. Ramawat
22. Practical Biochemistry by David Plummer, McGraw Hill Publ.
23. Economic Botany by A F Hill, TATA McGRAW-HILL Publishing Co. Ltd.
24. Post-Harvest Technology by Verma and Joshi, Indus Publication
25. Embryology of Plants by Bhojwani and Bhatnagar
26. Pollen Morphology and Plant Taxonomy by G. Erdtman, Hafner Publ. Co., N.Y.
27. A text Book of Palynology by K Bhattacharya, New Central Book Agency Pvt. Ltd., London
28. An introduction to Embryology of Angiosperms by P Maheshwari, McGraw Hill Book Co.
29. Plant Systematics by Gurucharan Singh, Oxford and IBH Publ.
30. Taxonomy of Vascular Plants by Lawrence George, H M, Oxford and IBH Publ.



UNIVERSITY OF MUMBAI

No. UG/066f 2017-18

CIRCULAR:-

The Principals of the affiliated Colleges in Science and the Directors of recognized Science Institutions concerned are hereby informed that in continuation syllabi relating to Bachelor of Science degree Course (S.Y.B.Sc) passed by the Academic Council at its meeting held on 26/2/2015, vide item No. 4.33 and proposal received from Chairperson, Board of Studies in Botany has been accepted by the Academic Council at its meeting held on 11th May, 2017 vide item no. 4.215 and that in accordance therewith, the revised syllabus as per the (CBCS) for S.Y.B.Sc Paper - III (Sem - III) Programme in the Course of Botany, which is available on the University's website (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2017-18.

MUMBAI - 400 032

05th July, 2017


REGISTRAR

To,

The Principals of the affiliated Colleges in Science and the Directors of Recognized Institutions concerned.

A.C/4.215/11.05.2017

No. UG/066f -A of 2017

MUMBAI-400 032

05th July, 2017

Copy forwarded with compliments for information to :-

- 1) The Co-ordinator, Faculty of Science,
- 2) The Offg. Director, Board of Examinations and Evaluation,
- 3) The Chairperson, Board of Studies in Botany,
- 4) The Director of Board of Studies Development,
- 5) The Professor-cum-Director, Institute of Distance and Open Learning,
- 6) The Co-Ordinator, University Computerization Centre.


REGISTRAR

...PTO

PROPOSED SYBSC SYLLABUS FOR ACADEMIC YEAR 2017-18

Course Code	Title	Credits
USBO303	CURRENT TRENDS IN PLANT SCIENCES I	2 Credits (45 lectures)
<p>Unit1: Pharmacognosy and phytochemistry</p> <ul style="list-style-type: none"> • Introduction to pharmacopoeia • Indian pharmacopoeia, Indian Herbal Pharmacopoeia and Ayurvedic Pharmacopoeia • Study of Monograph from pharmacopoeia • Secondary Metabolites: Sources, properties, uses and adulterants, regional and seasonal variations • Adulterants: <i>Saraca asoca, Polyalthia longifolia</i> <i>Terminalia arjuna, Terminalia tomentosa</i> <i>Bacopa monnieri, Centella asiatica</i> <i>Abrus, Glycyrrhiza</i> <i>Phyllanthus amarus (Bhuiamla)</i> 		15 Lectures
<p>Unit 2: Forestry and Economic Botany</p> <ul style="list-style-type: none"> • Forestry: Outline of types of forest in India • Forestry: Agro-forestry, Urban forestry, organic farming, Silviculture • Economic Botany: <ul style="list-style-type: none"> • Types of fibers: Jute and cotton, • Current trends in Fiber industries • Spices and condiments: Saffron and cardamom • Commercial market of spices 		15 Lectures
<p>Unit 3: Industry based on plant products</p> <ul style="list-style-type: none"> • Aromatherapy- Introduction, Uses with few examples. Jojoba, lemon, jasmin • Botanical and nutraceuticals -<i>Spirulina, Vanillin, Garcinia indica/ Garcinia cambogia, Chlorella</i>, and <i>Kale</i>. • Enzymes industry: Cellulases, Papain, Bromelain • Biofuels. 		15 Lectures

	Semester III USBOP3	Cr 1
PRACTICAL - Paper III CURRENT TRENDS IN PLANT SCIENCES I		
1	Study of <i>Phyllanthus amarus</i> <i>Saraca asoka</i> <i>Bacopa monieri</i>	
2	Study of biodiversity (Visit to National Park/ Botanical Garden) Sources of : Fibres & Paper Spices & condiments Preparation of herbal cosmetics (Face pack/ De-tanning cream)	
3	Estimation of crude fibre in cereals & their products	
4	Preparation & evaluation of probiotic foods	
5	Evaluation of nutraceutical value of mushroom/ wheat germ	

Course Code	Title	Credits
USBO403	CURRENT TRENDS IN PLANT SCIENCES I	2 Credits (45 lectures)
<p>Unit I : Horticulture and Gardening Introduction to Horticulture: Branches of Horticulture Gardening:</p> <ul style="list-style-type: none"> • Locations in the garden- edges, hedges, lawn, flower beds, avenue, water garden (with names of two plants for each category). Focal point. • Types of garden <ul style="list-style-type: none"> ○ Formal and informal gardens ○ National Park: Sanjay Gandhi National Park. ○ Botanical Garden: Veer Mata JijabaiUdyan (Victoria Garden). 		15 Lectures
<p>Unit II : Biotechnology</p> <ul style="list-style-type: none"> • Introduction to plant tissue culture <ul style="list-style-type: none"> ○ Laboratory organization and techniques in plant tissue culture ○ Totipotency ○ Organogenesis ○ Organ culture – root cultures, meristem cultures, anther and pollen culture, embryo culture. • R-DNA technology- <ul style="list-style-type: none"> ○ Gene cloning ○ Enzymes involved in Gene cloning ○ Vectors used for Gene cloning. 		15 Lectures
<p>Unit III : Biostatistics and Bioinformatics</p> <ul style="list-style-type: none"> • Biostatistics: <ul style="list-style-type: none"> ○ The chi square test. ○ Correlation – Calculation of coefficient of correlation. • Bioinformatics ○ Information technology: History and tools of IT, Internet and its uses. 		15 Lectures

- Introduction to Bioinformatics- goal, need, scope and limitation
- Aims of Bioinformatics: Data organization, Tools of Bioinformatics- tools for web search, Data retrieval tools- Entrez,
- BLAST
- Bioinformatics programme in India.

Semester III USBOP3		Cr 1
PRACTICAL - Paper III CURRENT TRENDS IN PLANT SCIENCES I		
Horticulture		
1	Study of five examples of plants for each of the garden locations as prescribed for theory	
2	Preparation of garden plans – formal and informal gardens	
3	Bottle and dish garden preparation.	
Biotechnology		
4	Various sterilization techniques	
5	Preparation of Stock solutions, Preparation of MS medium.	
6	Seed sterilization, callus induction	
7	Regeneration of plantlet from callus.	
8	Identification of the cloning vectors – pBR322, pUC 18, Ti plasmid.	
Biostatistics and Bioinformatics		
9	Chi square test	
10	Calculation of coefficient of correlation	
11	Web Search – Google, Entrez.	
12	BLAST	

As Per NEP 2020

University of Mumbai



Title of the program

- A-P.G. Diploma in Botany (One year) } 2023-24
- B-M.Sc. (Botany) (Two year) }
- C-M.Sc (Botany) (One year) - 2027-28

Syllabus for

Semester – Sem I & II

Ref: GR dated 16th May, 2023 for Credit Structure of PG

Preamble

The National Education Policy 2020 emphasizes to provide students with quality education in the context of sustainable development and inculcate in them self-learning aptitude, scientific temper, moral values and social responsibilities. The MSc Part 1 syllabus has been designed as per the objectives and guidelines of National Education Policy 2020. The present syllabus is concerned with imparting knowledge related to Plant Sciences, Current trends and advanced developments in the field of Plant Sciences and its interdisciplinary branches.

In current situation of climate change and environment degradation, sustainable development in proper direction is the need of the hour. The syllabus includes topics of social concerns so that the students can be responsive citizens with their small contributions in day-to-day life.

The course is based on experiential learning as well as self-study initiatives. The course includes topics that will enhance the creative and critical thinking aptitude of the students and develop their research skills.

It also has professional skill-based components which are practical based. Electives like Food processing, Dietetics and Biotechnology fulfill the growing demands of industry concerns. The courses also have self-employment potential itself.

Thus, the course is a unique amalgamation of core and elective papers with a holistic approach to develop the students academically, socially and in terms of research and employability.

**PROGRAMME SPECIFIC OUTCOMES
FOR M.Sc. (BOTANY)
AT THE END OF SEMESTER I AND II**

THE STUDENTS WOULD HAVE ACQUIRED THE FOLLOWING SKILLS:

1. Students will be able to identify the major groups of organisms amongst plants and be able to classify them within a phylogenetic framework. Students will be able to compare and contrast the characteristics of Cryptogams and Phanerogams that differentiate them from each other and from other forms of life.
2. Students will be able to explain how organisms function at the level of the gene, genome, cell, tissue, organ and organ-system. Drawing upon this knowledge, they will be able to give specific examples of the physiological adaptations, development, reproduction and behaviour of different forms of life.
3. Students will be able to explicate the ecological interconnectedness of life on earth by studying ecological principles and nutrient flow through the environment. They will be able to relate the physical features of the environment to the structure of populations, communities, and ecosystems.
4. Students will be able to use the evidence of comparative biology to explain how the theory of evolution offers the only scientific explanation for the unity and diversity of life on earth. They will be able to use specific examples to explicate how descent with modification has shaped plant morphology, physiology, and life history.
5. Students will be able to carry out a thorough study of the active constituents of medicinal plants with an emphasis on the use of plant based food as medicine.
6. Students will be able to demonstrate proficiency in the experimental techniques and methods of analysis appropriate for understanding the above.

**Credit Distribution Structure for Two Years/ One Year PG
M. Sc. (Botany)**

Year	Level	Sem	Major		RM	OJ T/ FP	RP	Cum. Cr.	Degree	
			Mandatory	Electives						
1	6.0	Sem I	4+4+ 2 +2+2 =14		2+2	4	-	22	PG Diploma (after 3 Years Degree)	
			Course: I Plant Diversity-I I. Algae II. Fungi III. Gymnosperms IV. Angiosperms	T H	4	Course: V Industrial Application of Botany I Algae & Fungi II: Lichens, Gymnosperms & Angiosperms Practicals based on Course V (OR) Biotechnology I Genetic Engineering & Tissue culture II: Nanotechnology & Biosafety and Bioethics Practicals based on Course V				Research Methodology
			Course: II Plant Physiology and Cytogenetics I. Photosynthesis II. Proteins III. Cytogenetics I IV. Cytogenetics II	T H	4					
			Course: III Molecular Biology and Recombinant DNA technology I. Molecular Biology II. Recombinant DNA technology	T H	2					
			Course:IV Practicals based on Course I, II, III I,Practical I II.Practical II	P R	2 + 2					
Cum. Cr. For PG Diploma			14	4	4		22			
Exit Option: PG Diploma (44 credits) after Three Year UG Degree										

Year	Level	Sem	Major		RM	OJT/FP	RP	Cum. Cr.	Degree	
			Mandatory	Electives						
1	6.0	Sem. II	4+4+ 2 +2+2 =14		2+2	4	OJT	-	22	PG Diploma (after 3 Years Degree)
			Course I Plant DiversityII I. Bryophyta II. Pteridophyta III. Anatomy IV. Developmental Botany & Palynology	TH	4	Course V Dietitics and Food Technology I. Dietitics II. Food Technology Practicals based on Course V (OR) Environmental Studies I. Natural Resources & Coastal Zone Management in India II. Ecotoxicology & Public Participation for Environmental Protection Practicals based on Course V				
			Course II Plant Physiology and Environmental Botany I Seed Physiology II. Stess Physiology III. Environment, Biogeography & Population Ecology IV. Climate Change	TH	4					
			Course III Medicinal Botany I. Medicinal Botany I II. Medicinal Botany II	TH	2					
			Course IV Practical based on Practical based on Course I, II, III I, Practical I II. Practical II	PR	2+2					
Cum. Cr. For PG Diploma			14	4		4		22		
Exit Option: PG Diploma (44 credits) after Three Year UG Degree										



Sign of Chairperson _____
 Name of the **Chairperson: Dr. Smita Jadhav**
 Name of the Department: Botany



Sign of Dean _____
 Name of the Dean **Dr. Shivram Garje**
 Name of the Faculty _____

SEM. - I

COURSE OUT COMES

COURSE CODE	TITLE AND LEARNING OUTCOMES
PSBO501	<p>Plant Diversity I The students will be able to:</p> <ul style="list-style-type: none"> ● Classify algae into various groups, understand the importance in various fields and will be able to collect and identify them. ● Classify fungi into various groups, understand the role of fungi in various fields and will be able to collect and identify fungi, fungal pathogens and culture them. ● Differentiate between gymnosperms and angiosperms, study their origin and nomenclature, understand evolutionary theories for origin of Angiosperms, understand characteristics of selected Angiosperm families and learn the rules governing the code of botanical nomenclature, also learn the recent developments as in molecular systematics.
PSBO502	<p>Plant Physiology and Cytogenetics</p> <ul style="list-style-type: none"> ● Students should be able to understand how to apply the basic concepts of Plant Physiology in other fields and also to know and discuss the concept of physiological processes of plants. ● Students will be able to understand the control points in a cell cycle.
PSBO503	<p>Molecular Biology and Recombinant DNA Technology</p> <ul style="list-style-type: none"> ● Students will be able to understand and apply principles of microbial genetics, ● Understand Recombinant DNA technology and study applications of the same for the improvement of crops.
PSBO601	<p>Plant Diversity- II The student will be able to:</p> <ul style="list-style-type: none"> ● Classify Bryophytes into various groups, study their importance. ● Classify Pteridophytes into various groups, study their importance and multiplication of important ferns. ● Understand the development of pollen, spore, fertilization and to apply palynological information to plant systematics.
PSBO602	<p>Plant Physiology and Environmental Botany The students should be able to:</p> <ul style="list-style-type: none"> ● Distinguish key physiological processes underlying the seed germination. ● Identify the physiological factors that regulate growth and developmental processes of plants. ● Demonstrate clear understanding of crop-environment interaction and its implication on crop growth and yield. ● Integrate and apply their knowledge of crop physiology for analytical thinking and solving practical problems experienced in agricultural systems. ● To understand and apply ecological principles and understand legislation and measures to solve environmental problems.
PSBO603	<p>Medicinal Botany Students will be able to</p> <ul style="list-style-type: none"> ● Identify medicinal plants and understand the effects of plant chemical constituents on humans.

M.Sc. (Botany) Syllabus
Choice Based Credit System
To be implemented from the Academic year 2023--2024

SEMESTER I

Course Code PSBO501	Title of the Paper- Plant Diversity- I		Course No. 1	
	I	Algae	4	1
	II	Fungi		1
	III	Gymnosperm		1
	IV	Angiosperm		1

SEMESTER I

Course outcomes

The students will be able to:

CO1: Classify algae into various groups, understand the importance in various fields and will be able to collect and identify them.

CO2: Classify fungi into various groups, understand the role of fungi in various fields and will be able to collect and identify fungi, fungal pathogens and culture them.

CO3: Differentiate between gymnosperms and angiosperms, study their origin and nomenclature, understand evolutionary theories for origin of Angiosperms.

CO4: Understand characteristics of selected Angiosperm families and learn the rules governing the code of botanical nomenclature, also learn the recent developments as in molecular systematics.

Course Code	Topic	Credits: 4
PSBO501	Plant Diversity- I	
UNIT 1	<p>Algae:</p> <ul style="list-style-type: none"> ● Life cycle of <i>Scytonema</i>, <i>Nitella</i>, <i>Padina</i> and <i>Dictyota</i>. ● Diversity and distribution of marine algae in Maharashtra. ● Contributions of Eminent Algologists in India: M. O.P. Iyengar and T. V. Desikachary. 	1
UNIT 2	<p>Fungi:</p> <ul style="list-style-type: none"> ● Life cycle of <i>Saprolegnia</i>, <i>Daedalea</i>, and <i>Trichoderma</i>. ● Study of the following diseases with reference to occurrence, symptoms, causal organism, disease cycle, predisposing factors and control measures of the following diseases: a. Red rot of Sugarcane (<i>Colletotrichum falcatum</i>) 	1

	b. Blast of Rice (<i>Pyricularia oryzae</i>) c. Wilt of Arhar/ Tur (<i>Fusarium oxysporum</i>) d. Green ear of Bajra (<i>Sclerospora graminicola</i>) Mycorrhiza: type, distribution and significance with reference to agriculture and forestry.	
UNIT 3	<u>Gymnosperm:</u> <ul style="list-style-type: none"> • Classification of Gymnosperms up to orders according to the system proposed by C. J. Chamberlain. • General characters; affinities and interrelationships of Cycadofilicales, Bennettitales, Cordaitales and Ginkgoales. • Life cycle of <i>Cupressus</i> and <i>Araucaria</i> 	1
UNIT 4	<u>Angiosperms:</u> Study of following families with reference to its systematic position, distribution, floral formula, floral diagram, affinities, morphological peculiarities, economically important plants and their uses: Brassicaceae, Portulacaceae, Sterculiaceae, Rutaceae, Celastraceae, Lythraceae, Chenopodiaceae, Acanthaceae.	1

Course Code PSBO502	Title of the Paper- Plant Physiology and Cytogenetics Course No. II			
	I	Photosynthesis	4	1
	II	Proteins		1
	III	Cytogenetics I		1
	IV	Cytogenetics II		1

Course outcomes

Students should be able to understand

CO1: How to apply the basic concepts of Plant Physiology in other fields and also to know and discuss the concept of physiological processes of plants.

CO2: The control points in a cell cycle, Study and apply principles of microbial genetics, understand recombinant DNA technology and study applications of the same for the improvement of crops.

Course Code	Title	Credits
PSBO502	Plant Physiology and Cytogenetics	4
Unit 1	<p><u>Photosynthesis (Eukaryotes)</u></p> <ul style="list-style-type: none"> ● ATP synthesis in chloroplasts (chemiosmotic hypothesis) ● Regulation of C3, C4 and CAM pathways of photosynthesis: <ul style="list-style-type: none"> ○ C3 plants: Role of light, regulation of RUBISCO ○ C4 plants: Role of light, regulation of PEPcase, transport of metabolites, carbonic anhydrase, NADP-MDH and PPDK ○ Regulation of CAM through transport of metabolites. ● Pentose Phosphate Pathway and its importance, effect of glucose-6-phosphate dehydrogenase deficiency. 	1
Unit 2:	<p>Proteins</p> <ul style="list-style-type: none"> ● Primary, secondary, tertiary and quaternary structural features and their analysis – Theoretical and experimental. ● Protein folding – biophysical and cellular aspects, ● Role of chaperons in protein folding. 	1
Unit 3:	<p>Cytogenetics I</p> <ul style="list-style-type: none"> ● Check points during cell cycle-G1 to S, progression of S phase, G2to M phase. Anaphase check points and components involved as regulators of check points. ● Role of cyclins and CDKs, synthesis and degradation of cyclins, structural features of CDKs and cyclins, activation and inactivation of CDKs; role of E2Fs, and DP proteins, P53, different types of Cyclin dependent CDKs, CDC25, CAKs, Wee1 proteins, nim-proteins, SCFs. ● Anaphase Promoting Complexes APC (cyclosomes), replication origin and replication initiation complexes. 	1
Unit : 4	<p>Cytogenetics II</p> <ul style="list-style-type: none"> ● Centrosome activation- structure, duplication of centrosomes. ● Role of nucleophosmins, organization of mitotic apparatus, binding of tractile fibers to kinetochore complexes, molecular motors involved in movement of chromosomes to equatorial plate and in anaphase movement. ● Cytokinesis by cleavage and phragmoplast formation- different gene products and structures involved and the mechanisms of cytokinesis. 	1

Course Code PSBO503	Title of the Paper- Molecular Biology and Recombinant DNA Technology		Course No. III	
	I	Molecular Biology	2	1
	II	Recombinant DNA Technology		1

Course Outcomes:

CO1: Students will be able to understand and apply principles of microbial genetics,

CO2: Understand recombinant DNA technology

CO3: Study applications of the same for the improvement of crops.

Course Code	Title	Credits
PSBO503	Molecular Biology and Recombinant DNA Technology	2
Unit I	Molecular Biology <ol style="list-style-type: none"> 1. Microbial Genetics: Molecular basis of transformation, Transduction, Conjugation; 2. Fine structure of the gene, T4 Phage, complementation analysis, deletion mapping, cis-trans tests. 3. Tetrad analysis in Neurospora: Linkage detection (2 genes and centromere) 	1
Unit 2	Recombinant DNA Technology <ol style="list-style-type: none"> 1. Strategies to create Transgenic plants with herbicide resistance: Following strategies to be studied in detail with reference to herbicide Glyphosate resistance: <ol style="list-style-type: none"> a) Overexpression of the target protein by using a strong promoter. b) Improved plant detoxification resulting in a more and faster conversion of toxic herbicide to non-toxic or less toxic compounds. c) Detoxification of herbicide by using a foreign gene. d) Mutation of target protein 2. Improvement of nutritional content and Quality: <ol style="list-style-type: none"> a) Increase in sweetness and flavor in fruits and vegetables for e.g., Monellin b) Gene from African plant (<i>Dioscorephylum cumminsii</i>)- introduction in tomato and lettuce c) Increase and change in the quality oils in <i>Brassica</i> species (increase in medium chain fatty acids and converting unsaturated fatty acid to saturated fatty acids). d) Increase in starch content (potato). 	1

Course Code PSBO505A	Title of the Paper- Industrial Application of Botany		Course No. V	
	I	Algae & Fungi	2	1
	II	Economic Botany		1

Course Outcomes:

CO1: At the end of the course the students will be able to understand industrial applications of Botany

CO2: Practice the knowledge of Industrial applications of Botany.

CO3: Apply the acquired knowledge of Industrial applications of Botany.

Course Code	Title: Industrial Application of Botany	Course No. V	Credits
PSBO505A			2
Unit I	<p>Algae</p> <ul style="list-style-type: none"> ● Introduction to Industrial Applications of Algae ● Overview of algae as a valuable resource for various industries ● Industrial uses of algae in food, pharmaceuticals, biofuels, and bioremediation <p>Algal Bioremediation</p> <ul style="list-style-type: none"> ● Role of algae in wastewater treatment and nutrient removal ● Algae as a tool for carbon dioxide capture and utilization ● Algae-based bioremediation of pollutants and heavy metals <p>Fungi</p> <p>Fungal Biotechnology and Enzyme Production</p> <ul style="list-style-type: none"> ● Industrial applications of fungi in enzyme production: amylases, cellulases, proteases, and lipases ● Fungal fermentation processes for enzyme production ● Downstream processing and purification of fungal enzymes <p>Fungi in Food and Beverage Industries</p> <ul style="list-style-type: none"> ● Role of fungi in food fermentation: bread, cheese, beer, and wine production ● Fungal cultures and starter cultures in food processing ● Flavor and aroma compounds produced by fungi 		1
Unit 2	<p>Lichens</p> <p>Lichens as Bioindicators and Environmental Monitors</p> <ul style="list-style-type: none"> ● Lichens as indicators of air pollution, heavy metal contamination, and climate change ● Monitoring lichen biodiversity and ecological health ● Use of lichens in biomonitoring programs and environmental assessments <p>Lichens in Dye Production and Textile Industry</p> <ul style="list-style-type: none"> ● Natural dyes and pigments obtained from lichens ● Traditional dyeing techniques and modern applications in the textile industry ● Sustainability aspects of using lichen dyes <p>Industrial Uses of Gymnosperms and Angiosperms</p>		1

	<p>Timber and wood products from gymnosperms: construction, furniture, and paper industries</p> <ul style="list-style-type: none"> ● Industrial crops and their applications: fibers, oils, resins, and rubber ● Ornamental plants and landscaping industry <p>Plant-based Natural Products and Cosmetics Plant-derived ingredients in cosmetics, skincare, and personal care products</p> <ul style="list-style-type: none"> ● Extraction methods and formulation techniques for plant-based cosmetics ● Market trends and consumer demand for natural and botanical products 	
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Course Outcomes:

On completion of the course students should be able to:

CO1: Understand the concept and applications of Genetic engineering.

CO2: Develop skills and gain knowledge of Tissue culture techniques.

CO3: Demonstrate clear understanding of Green synthesis of Nano technology.

CO4: Comprehend Biosafety and Bioethics in Biotechnology.

(Elective)		
Course Code: PSBO505B	Title: Biotechnology	Course V
Course Code: PSBO505B	Title: Biotechnology	Credit: 2
Unit I	Genetic engineering and its applications: <ul style="list-style-type: none">● Methods of modifying the Diazotrophs (N₂ fixing bacteria) by Gene alterations in <i>Rhizobium sp.</i>● Transgenic plants with insect resistance from microbes Tissue culture <ul style="list-style-type: none">● Impact of Cell and Tissue Culture on commercial applications and importance in Plant Science with special reference to Agriculture, Forestry, Horticulture, floriculture, production of ornamental plants, virus free plants;● Global market; Commercial opportunities in plant tissue culture with special reference to plant tissue culture industries in India.	1
Unit II	Nanotechnology <ul style="list-style-type: none">● Introduction, properties of nano-materials & Green synthesis of nano-materials,● Application of nano-materials in food, , agriculture, environment management and medicine. Biosafety and Bioethics <ul style="list-style-type: none">● Biosafety guidelines in India; International biosafety guidelines: OECD, FAO, WHO.● Introduction to bioethics; social and ethical issues in biotechnology: bioethics in genetic engineering.	1

Semester I

Course Outcomes:

The students will be able to,

CO1: Understand the concept of research and its types.

CO2: Develop skills of data collection and scientific documentation.

CO3: Comprehend the importance of ethics involved in research.

CO4: Familiarize the methods of scientific writing and reporting.

Course Code	Title	Credits
PSBO 506	Research Methodology	4
UNIT I	<p>Introduction to Research Methodology-</p> <ul style="list-style-type: none"> ● Introduction: Research Experimental design principles, Classification of Research- pure research, applied research; descriptive, experimental, historical, etc, Design of Survey, statistical methods, interpretation of results. ● Problem Identification & Formulation – Research area – Investigation – Measurement Issues – Hypothesis – Qualities of a good Hypothesis –Null & Alternative Hypothesis. Hypothesis Testing – Logic & Importance, parametric and non-parametric. ● Review of literature: ● Library: Concepts of a scientific library, journals, books, E books, websites and Digital library and Data bases, NCBI-Pub Med. 	1
Unit II	<p>Referencing and Research</p> <ul style="list-style-type: none"> ● Qualitative and Quantitative Research: Concept of measurement, causality, generalization, replication. Merging the two approaches. ● Journals: Indexing journals, H-index, I -10, ISSN, ISBN, abstracting journals, research journals, review journals, e-journals, Impact factor of journals, UGC Care Journals. ● Reprints, Open access initiative, INFLIBNET, INSDOC, Shodh Ganga, etc. ● Google Scholar, Research Gate, LinkedIn, Orcid id, Scopus (Q1 to Q4), Web of Science, Boolean words. ● Preparation of index cards: Author index and subject index; Open source, bibliography management system. 	1

<p>Unit III</p>	<p>Research Scientific writing and Communication</p> <ul style="list-style-type: none"> ● Measurement: Concept of measurement– what is measured? Problems in measurement in research – Validity and Reliability, Consultation in Herberia and Library, authentication of plant material. Levels of measurement – Nominal, Ordinal, Interval, Ratio. ● Introduction to scientific writing: Meaning of Scientific and non-scientific writing; Scientific Vocabulary and grammar. Synopsis, Dissertations, Thesis, Posters. ● Correspondence: Formal letters and permissions (Forest department, State Biodiversity board, International authorities, Quarantine process, etc.), cover letters, drafting emails, replying to reviewers. ● Writing a Research article/ paper: Title, Abstract, Introduction, Review of literature, Methodology, Observations, Results, Discussions, Summary, Conclusion, and Bibliography (Referencing and citation styles), IMRAD format. Research ethic: Ethical issues related to publishing, Plagiarism and Self-Plagiarism. 	<p>1</p>
<p>Unit IV</p>	<p>Research Data Analysis, Tools and Project Proposal</p> <ul style="list-style-type: none"> ● Use of tools / techniques for Research: methods to search required information effectively, Reference Management Software like Zotero/Mendeley, Software for paper formatting like LaTeX/MS Office, Software for detection of Plagiarism. ● Writing for Research Proposal Grant: Funding agencies, guidelines, structure of research proposals – Setting a budget (Manpower, Consumables, Equipment, Travel, Contingencies, Overheads) with justifications, Expected outcomes, Cost benefit analysis, Work plan, and Time schedule of activities. ● Presentations: Presenting numerical data - Graphical, Tabular, Animations, Slides, etc. ● Data analysis –SPSS, R (statistical software) and MS Excel. 	<p>1</p>

	SEMESTER I (Practical I)	Credits
	External	2
PSBOP501	Plant Diversity I	
1	Study of following type of algae with reference to their systematic position, thallus and reproductive structures: <i>Scytonema, Volvox, Scenedesmus, Ulothrix, Enteromorpha, Closterium, Padina, Gracilaria and Dictyota.</i>	
2	Extraction of algal pigments and their separation by Paper Chromatography.	
3	Study of the following types of fungi with reference to their systematic position, thallus and reproductive structures: <i>Saprolegnia, Penicillium, Daedalea, Fusarium and Trichoderma.</i>	
4	Study of the following diseases with reference to occurrence, symptoms, causal organism, disease cycle, predisposing factors and control measures of the following fungal diseases: <ul style="list-style-type: none"> • Red rot of Sugarcane (<i>Colletotrichum falcatum</i>) • Green ear of Bajra (<i>Sclerospora graminicola</i>) 	
5	Study of Gymnosperms and fossil specimens <ul style="list-style-type: none"> • <i>Cycadeoidea</i> (Fossil) • <i>Cupressus</i> 	
7	A study of the angiosperm families mentioned in theory with reference to their morphological peculiarities and economic importance of its members.	
	Internal	
1	Culturing of Spirulina algae	
2	Culturing of Penicillium by Streak method	
3	Study of the following disease with reference to occurrence, symptoms, causal organism, disease cycle, predisposing factors and control measures of the following fungal disease: <ul style="list-style-type: none"> • Blast of Rice (<i>Pyricularia oryzae</i>) 	
4	Study of Gymnosperms and fossil specimens <ul style="list-style-type: none"> • <i>Williamsonia</i> (Fossil) • <i>Araucaria</i> 	
5	Identification of genus and species of Angiosperm families using flora (In addition to the above-mentioned families, all families studied in undergraduate classes are included)	

SEMESTER I (Practical II)		
External		
PSBOP502	Plant Physiology and Cytogenetics, Molecular Biology	Credits 2
1	Quantitative study of diurnal fluctuation in Titratable Acid Number (TAN) in a CAM plant.	
2	Determine the Chl a / Chl b ratio in C 3& C 4 plants.	
3	A study of the enzyme polyphenol oxidase from potato peels.	
4	Solvent extraction of Chlorophyll a/b, Xanthophylls and study of absorption pattern.	
5	Immobilisation of yeast cells and study of invertase activity.	
6	Squash preparation from pre-treated root tips (Colchicine/ Paradichlorobenzene/ Aesculin).	
7	Problems based on: <ul style="list-style-type: none"> • Restriction map analysis and construction of restriction maps. • Tetrad analysis in <i>Neurospora</i> – two genes and centromere. • Deletion mapping in Bacteriophage. 	
Internal		
1	Determination of Km and Vmax of the enzyme amylase (purified amylase)	
2	Extraction and estimation of GOT and GPT from suitable plant material.	
3	Preparation of cytological stains, fixatives and pre-treatment agents.	
4	Smear preparation from any suitable plant material	

	SEMESTER II Elective (Practical)	
	External	Credits 2
PSBOP505A	Industrial Application of Botany	
1	Study of algae used in industries.	
2	Detection of mycotoxins by paper chromatography method.	
3	Estimation of total protein content from mushroom by Lowry's method/Biuret method.	
4	Economic importance of Lichens.	
5	Analyse wood density (Angiosperms and Gymnosperms) by Buoyancy method	
6	Medicinal and Industrial uses of Angiosperms and Gymnosperms	
	Internal	
1	Demonstration of algal cultivation using Bioreactor.	
2	Study of antibacterial effect of <i>Parmelia</i>	
3	Preparation of any personal care product using natural ingredients	

SEMESTER II Elective (Practical)		
PSBOP505B	External	Credits 2
Biotechnology		
1	Encapsulation of Axillary Bud.	
2	Inoculation of Explant.	
3	Green Synthesis of Silver nano particles using plant extract.	
4	Identification of Biosafety Symbols.	
Internal		
1	Techniques of preparing Petri plate, Slant and Butt	
2	Fermentation of Sugarcane juice/fruit juice using Yeast (Kuhne's tube)	
3	Isolation and quantification of plant genomic DNA.	

M.Sc. Semester II Botany Syllabus
Choice Based Credit System
To be implemented from the Academic year 2023--2024

SEMESTER II

Course Code PSBO601	Title of the Paper- Plant Diversity- II		Course No. 1	
	I	Bryophyta	4	1
	II	Pteridophyta		1
	III	Anatomy		1
	IV	Developmental Botany & Palynology		1

Course Outcomes:

Upon successful completion of this course, the student will be able to:

CO1: Classify Bryophytes into various groups, study their importance

CO2: Classify Pteridophytes into various groups, study their importance and multiplication of important ferns.

CO3: The development of pollen, spore, fertilization and to apply palynological information to plant systematics.

Course Code	Title	Credits
PSBO601	Plant Diversity- II	4
Unit I: Bryophyta <ul style="list-style-type: none"> • Classification of Bryophyta, up to orders, according to the system proposed by G. M. Smith, „Diversity and distribution of Indian Bryophytes • Life cycle and Alternation of generations in <i>Pogonatum</i> . • Bryophytes: Applied aspects: Agriculture, medicine, Food technology and environmental aspects. • Contribution of Shiv Ram Kashyap and S. C. Srivastava in Bryology. 		1

<p>Unit II: Pteridophyta</p> <ul style="list-style-type: none"> • Classification of Pteridophyta, up to orders, according to the system proposed by G.M.Smith., Heterospory and seed habit • Life cycle of Pteris and Azolla • Cultivation and maintenance of ornamental ferns, Ethnomedicinal uses of Pteridophytes • A study of fossil Pteridophytes: <i>Horneophyton, Cladoxylon, Coenopteris</i>) 	<p>1</p>
<p><u>Unit III: Anatomy</u></p> <ul style="list-style-type: none"> • Meristems: Definition type of meristems, apical cell theory, histogen theory and Tunica corpus theory. • Morphogenesis and organogenesis in plants: phyllotaxy; transition of flowering, floral meristems and floral development. • Study of Secretory Tissue System: Introduction, Glands, Digestive glands, Nectaries, Resin ducts and oils ducts, Laticiferous ducts. • Wood Anatomy: Coniferous and Angiosperm wood Parenchyma: Storied and non-storied wood parenchyma, Distribution of axial parenchyma, Distribution of vessels, Structure of rays. 	<p>1</p>
<p><u>Unit : IV Developmental Botany</u></p> <ul style="list-style-type: none"> • Embryology: Male gametophyte: Pollen development and gene expression male sterility sperm dimorphism and hybrid seed production; pollen tube growth and guidance. Female gametophyte; Types of embryo sacs; structure of embryo sac cells. Endosperm- Types and importance. • Pollination: Evolutionary history of flowers and animals, introduction to pollinator syndrome; Floral attractants-: Olfactory, Floral scent biology. Ultrastructural and histochemical details of style and stigma, self and interspecific incompatibility, significance of pollen-pistil interaction, role of pollen wall proteins and stigma surface proteins, barriers to fertilization, in-vitro pollination. • Fertilization: heterospermy, syngamy and triple fusion, post-fertilization metabolic & structural changes in embryo-sac. • Palynology <ol style="list-style-type: none"> 1. Pollen Chemistry: Introduction, Chemical constituents of pollen-Major metabolites (Carbohydrates, Mineral content, Callose, Organic acids, Amino acids, Pigments, Vitamin. s, Hormones and steroids), Chemistry of pollen wall, 2. Utilization of pollen: Pollen as health food, Pollen as medicine, Pollen allergens for diagnosis and therapy. 	<p>1</p>

Course Code PSBO602	Title of the Paper- Plant Physiology and Environmental Botany		Course No. 2	
	I	Seed Physiology	4	1
	II	Stress Physiology		1
	III	Environment, Biogeography and Population Ecology		1
	IV	Climate Change		1

Course outcomes:

On completion of the course students should be able to

CO1: Distinguish key physiological processes underlying the seed germination.

CO2: Identify the physiological factors that regulate growth and developmental processes of plants.

CO3: Demonstrate clear understanding of crop-environment interaction and its implication on crop growth and yield.

CO4: Integrate and apply their knowledge of crop physiology for analytical thinking and solving practical problems experienced in agricultural systems.

CO5: To understand and apply ecological principles and understand legislation and measures to solve environmental problems.

Course Code	Title	Credits
PSBO602	Plant Physiology and Environmental Botany	4
UNIT I: Seed physiology: <ul style="list-style-type: none"> • Physiology and Biochemistry of seed germination, • Mobilization of food reserves, Germination and growth factors. • Seed dormancy, Control and release of seed dormancy. • Factors in control for the long-term storage of seeds, seed proteins. 		1
UNIT II: Stress Physiology: <ul style="list-style-type: none"> • Biotic and abiotic stress, Response of plants to Biotic (pathogenic and insects) stress • Adaptations to eliminate and tolerate the infection, Hypersensitive reaction. • Response of plants to abiotic stress - Drought stress, Heat stress - Heat shock proteins, Chilling, and freezing, Salinity stress • Signaling pathways activated during stress. 		1
UNIT III: The Environment, Biogeography and Population Ecology: <ul style="list-style-type: none"> • Environment: Components, Major components of physical environment, biotic and abiotic interactions • Biogeography: Major terrestrial biomes, Theory of island bio-geography • Bio-geographical zones of India. • Population Ecology: Characteristics of a population; population growth curves; population regulation. 		1

UNIT IV

1

Climate Change:

- Global warming, carbon credits, Kyoto mechanism.
- Factors responsible for climate change, Climate change in relation to the changes in patterns of temperature, precipitation and sea level rise, Impacts of Climate Change on various sectors – Agriculture, Forestry and Ecosystem.
- The Montreal Protocol, Paris Agreement, UNFCCC, IPCC.
- Adaptation Strategy/ Mitigation Measures, Blue carbon initiative.

Course outcomes:

Students will be able to

CO1: Identify medicinal plants.

CO2: Understand the effects of plant chemical constituents on human.

Course Code	Title- Medicinal Botany	Credits
PSBO603		2
	<ul style="list-style-type: none"> • Medicinal Botany I <p>Monograph of drugs with respect to Biological source, Geographical distribution, macro and microscopic characters, chemical constituents and therapeutic uses of the following drugs:</p> <ul style="list-style-type: none"> • Root:<i>Withania somnifera</i> (Ashwagandha) • Rhizome:..<i>Zingiber officinale</i>(Ginger) • Stem bark: <i>Holarrhena antidysenterica</i> (Kurchi) • Leaf:<i>Azadirachta indica</i> (Neem) • Fruit:<i>Foeniculum vulgare</i> (Fennel) • Seed:<i>Plantago ovata</i> (<i>Isabgol</i>) 	1
	<p>Medicinal Botany II</p> <ul style="list-style-type: none"> • Introduction to Pharmacopoeia: Indian pharmacopoeia and Ayurvedic pharmacopoeia. <p>Quality control of crude drugs:</p> <ul style="list-style-type: none"> ○ Morphological examination – Exomorphic characters and importance ○ Microscopical evaluation – Anatomical characters and importance ○ Preliminary phytochemical tests: Introduction and importance <ul style="list-style-type: none"> • Standardization parameters: Introduction, importance – Moisture content, Ash values, Solvent extraction value, bitterness value, foaming index, swelling index. 	1

Course outcomes:

At the end of the course the students will be able to:

CO1: Comprehend the nutraceutical value of food and human nutrition.

CO2: Understand the concept of food technology and processing.

CO3: Gain knowledge of food adulterants and their types.

(Elective)		Credits
PSBO605A Dietetics and Food Technology		2
UNIT I – Dietetics		1
1	Nutraceutical: Definition and Introduction, classification (Dietary supplements, functional foods, Medicinal food, Pharmaceuticals)	
2	Plant Food as medicine: Phytonutrients its types, food source and its benefits	
3	Concept of Antioxidants, their significance, Plants as a source of antioxidants	
4	Plant food in the treatment of diseases – hormones, arthritis, constipation, diarrhea diabetes, hypertension, cancer, jaundice, memory and piles	
UNIT II – Food Technology		1
1	Food Processing technology: Principle of Food processing, Processing of beverages, fruit beverage, tea, coffee, cocoa etc.	
2	Food preservation: - introduction and objective, preservation by fermentation	
3	Food additives and Adulteration: Food additives, colouring & flavoring substance	
4	Food packaging technology: introduction, packaging material, aseptic and biodegradable methods. Advantage and disadvantage of packaging materials like metal, aluminium and plastic	

Course outcomes:

At the end of the course the students will be able to,

CO1: Understand the concept of different natural resources and their utilization.

CO2: Evaluate the management strategies of different natural resources.

CO3: Critically analyze the coastal zone management.

CO4: Reflect upon the role of society in environmental protection and its conservation.

(Elective)		Credits
Course V	Course Code: PSBO605B	2
Title: Environmental Botany		
Natural Resources and Coastal Zone Management in India		1
1	Definition, types and concept of Natural Resources. EIA, GIS, Green audit.	
2	Waste management - National and international efforts in resource management and conservation.	
3	Coastal Zone Management, initiatives in India, Prohibited and Regulated activities in Coastal Areas, State Coastal Zone Management Authorities.	
4	Mangrove: Habitat and Characteristics, Mangrove, Plantation - Establishment and Rehabilitation of degraded mangrove formations; silvicultural systems.	
UNIT II Ecotoxicology, Public Participation for Environmental Protection		1
1	Introduction to Toxicology Definitions, Classification, General Nature of Toxicants in Environment, concepts; Toxic chemicals in the environment - air, water & their effects.	
2	Toxic Mechanisms, Bioaccumulation and Biomagnification of toxic materials in food chain, detoxification, bioconcentration	
3	Environmental movement and people's participation with special references to Gandhamardan, Chilika and Narmada Bachao Andolan, Chipko and Silent valley Movement.	
4	WTO and Environment, Corporate Social Responsibility, Environmental awareness and Education., Environmental Ethics.	

	SEMESTER II (Practical)	
PSBOP601	Plant Diversity II	Credits
1	Bryophyta Study of vegetative and reproductive structures in <i>Plagiochasma</i> , <i>Fimbraria</i> , and <i>Pogonatum</i> .	2
2	Pteridophyta Study of vegetative and reproductive structures in: <i>Ophioglossum</i> , <i>Pteris</i> , <i>Lygodium</i> and <i>Azolla</i> .	
3	Anatomy Study of the following leaves with respect to leaf surface characters (wax, cuticle, epidermis, stomata, epidermal outgrowth): <i>Pistia</i> , <i>Ficus</i> , <i>Avicennia</i> .	
4	Mounting of Glands- Salt glands of halophytes- <i>Avicennia</i> , Nectaries- <i>Euphorbiaceae</i> , Resin ducts- <i>Pinus</i> , Oils ducts- <i>Citrus</i> , <i>Murraya</i> , Laticiferous ducts <i>Asclepiadaceae</i> . Digestive glands- From permanent slides/photomicrograph.	
5	Developmental Botany Microtomy- Processing of material, Block making & staining (2 slides for submission).	
6	A study of types of embryo sacs with the help of permanent slides/photomicrographs.	
7	Palynology In vitro germination of pollen grains, effect of temperature on pollen viability and short-term storage.	
PSBOP602	Plant Physiology, Environmental Botany and Medicinal Botany	Credits 2
1	Assessing seed viability by TTC method.	
2	Comparison of two populations of a species collected from two areas.	
3	Determination of primary production of an area by chlorophyll method.	
4	Effect of water and salinity stress on chlorophyll content of leaves.	
5	Effect of water and salinity stress on Proline content of leaves.	

6	Determination of Stomatal Index of leaves.	
7	Determination of LAI of different types of trees.	
8	<p>Medicinal Botany Monograph of drugs with respect to Biological source, Geographical distribution, macro and microscopic characters, chemical constituents and therapeutic uses of the following drugs:</p> <ul style="list-style-type: none"> ● Root:<i>Withania somnifera</i> (Ashwagandha) ● Rhizome:.....<i>Zingiber officinale</i>(Ginger) ● Stem bark: <i>Cinnamom zeylanicum</i> (Cinnamon) / <i>Holarrhena antidysenterica</i> (Kurchi) ● Leaf:<i>Azadirachta indica</i> (Neem) ● Fruit:<i>Foeniculum vulgare</i> (Fennel) ● Seed:<i>Plantago ovata</i> (Isabgol) 	
9	Determination of Moisture content, Ash values of the given sample.	
10	Determination of foaming index and swelling index of the given sample.	

SEMESTER II Elective (Practical)	
PSBOP605A	Dietetics and Food Technology
1	Estimation of Crude fibres
2	Estimation of Pectin content of fruits.
3	Monitor changes in pH and taste during yogurt fermentation.
4	Analyze the phytochemical contents of Herbal tea.
5	Measure pH and titratable acidity of fruit juice.
6	Test food samples for common additives (Eg. Artificial colours,etc.) and adulterants (Eg. Starch etc.) using appropriate chemical test.
7	Detect the presence of synthetic colours in fruit flavored drinks.
8	Identify and state uses of plant food in the treatment of diseases (Studied in theory)

SEMESTER II Elective (Practical)		
PSBOP605B	Environmental Botany	Credits 2
1	Determination of mineral matter from soil by ignition method.	
2	Identification of mangroves plants in India and plotting their distribution on map of India	
3	Calculate the carbon foot print of different activities using available data. Compare carbon foot prints of modes of transportation.	
4	Identify potential environmental impact and propose mitigation measures	
5	Determination of LD-50 values for Pollutants (Cu, Pesticides, Phenols etc.) using duckweed culture.	
6	Report writing of Green Audit	

Note:

- A minimum of **Two** field excursions (with at least one beyond the limits of Mumbai / Local Area) for habitat studies are compulsory.
- Field work of not less than **eight hours** duration is equivalent to one period per week for a batch of fifteen students.
- Industrial visit / Institutional visit at least **One** per Semester are compulsory.

Evaluation Pattern:

External assessment: 50%

Internal assessment: 50%

Internal Assessment- 50%

Sr. No.	Evaluation type	Total Marks
1	One Assignments/Case study	20
2	Seminar	20
3	Group Discussion / Quiz / Test	10

External examination- 50%

a) Semester End Theory Assessment- 50%

50 Marks

- Duration – These examinations shall be of two hours duration for each paper.

1. Theory Question Paper Pattern:

- There shall be five questions each of 10 marks.
- One question from each unit.
- Question No. 5 will be based on all 4 Units.
- All questions shall be compulsory with internal choice within the questions. Each question will be of 15 to 20 marks with options.
- Question may be subdivided into sub-questions a, b, c... and the allocation of marks depend on the weightage of the topic.

b) Practicals : Two Practical

(50 marks + 50 marks)

University of Mumbai
M.Sc. (BOTANY)
Semester I / Semester II EXAMINATION
Course PSBO

Maximum Marks: 50

Duration: 2.00 Hours

- Question 1: Based on Unit I
- Question 2: Based on Unit II
- Question 3: Based on Unit III
- Question 4: Based on Unit IV
- Question 5: Based on Unit I to IV (Mixed Questions)

Instructions:

1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw neat and labelled diagrams wherever necessary.
-
1. Answer any one questions from the following. (Based on Unit 1) (10 Marks)
 - A)
 - B)
 - C)
 2. Answer any one questions from the following. (Based on Unit2). (10 Marks)
 - A)
 - B)
 - C)
 3. Answer any one questions from the following. (Based on Unit 3). (10 Marks)
 - A)
 - B)
 - C)
 4. Answer any one questions from the following. (Based on Unit 4). (10 Marks)
 - A)
 - B)
 - C)
 5. Answer any Two questions from the following. (Based on all 4 units). (10 Marks)
 - A)
 - B)
 - C)
 - D)

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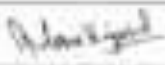


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Letter Grades and Grade Points:

Semester GPA / Programme CGPA Semester/ Programme	% of Marks	Alpha-Sign/ Letter Grade Result
9.00 - 10.00	90.0 - 100	O (Outstanding)
8.00 - < 9.00	80.0 - < 90.0	A+ (Excellent)
7.00 - < 8.00	70.0 - < 80.0	A (Very Good)
6.00 - < 7.00	60.0 - < 70.0	B+ (Good)
5.50 - < 6.00	55.0 - < 60.0	B (Above Average)
5.00 - < 5.50	50.0 - < 55.0	C (Average)
4.00 - < 5.00	40.0 - < 50.0	P (Pass)
Below 4.00	Below 40.0	F (Fail)
Ab (Absent)	-	Absent

Syllabus
A -P.G. Diploma in Botany
B- M.Sc. (Botany)
(Semester I & II)

Team for Creation of Syllabus

Name	College Name	Sign
Dr. Smita Jadhav	Kirti M. Deshpande College of Arts, Science and Commerce, Dadar West.	
Dr. D. Meera S. Rao	R. K. Talreja College of Arts, Science and Commerce, Ulhasnagar, 421003.	
Dr. Laxmibee S. Chengala	K. M. E. Society's G. M. Mirin Women's College, Bhivandi.	
Mrs. Neha N. Sawant	D. G. Rajurel College of Arts, Science and Commerce, Matunga West.	
Dr. Mandakini R. Ingle	Satish Pradhan Dnyanasaadhana College, Thane (Arts, Science & Commerce) 400604	
Dr. Mahavin Gosavi	SIES College of Arts, Science and Commerce, Som West.	
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Dr. Mona Kejariwal	P. D. National College of Arts, Science and Commerce, Borcha West.	
Dr. Rajesh Jadhav	H. G. Rajurel College of Arts, Science and Commerce, Matunga West.	
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Acknowledgement: We are thankful to Dr. Vasant Mall, Principal, J. Watumull Sadhubella Girls College of Commerce, Ulhasnagar for his constant support and motivation throughout the process of this syllabus designing.

Sign of Chairperson 
 Name of the Chairperson: **Dr. Smita Jadhav**
 Name of the Department: **Botany**

Sign of Dean _____
 Name of the Dean: **Dr. Shivram Garje**
 Name of the Faculty _____

Justification for (M.Sc. Botany)

1.	Necessity for starting the course:	NEP Implementation
2.	Whether the UGC has recommended the course:	Yes
3.	Whether all the courses have commenced from the academic year 2023-24	Yes
4.	The courses started by the University are self-financed, whether adequate number of eligible permanent faculties are available?:	NA
5.	To give details regarding the duration of the Course and is it possible to compress the course?:	2 Years Not Possible to Compress
6.	The intake capacity of each course and no. of admissions given in the current academic year:	NA
7.	Opportunities of Employability / Employment available after undertaking these courses:	Employability, Research Fellow on Projects, Analytical and Environmental Projects, Pharma Industries, Self-Employment



Sign of Chairperson _____

Name of the **Chairperson: Dr. Smita Jadhav**

Name of the Department: Botany



Sign of Dean _____

Name of the Dean **Dr. Shivram Garje**

Name of the Faculty _____

UNIVERSITY OF MUMBAI



Program: S.Y.B. Sc.

Course: Zoology

(Credit Based Semester and Grading System
with effect from the academic year 2016–2017)

Syllabus Committee Members

Dr Anita S. Jadhav	Convenor
Dr Mansi Phanse	Co- convenor
Dr Supriya Deshpande	Co- convenor
Dr Mrinalini Kagwade	Co- convenor
Dr Manisha Kayande	Co- convenor
Dr Vilas Mangle	Co- convenor
Dr Raghavrao	Co- convenor
Dr Vithal Mohite	Co- convenor
Dr Suvarna Raval	Co- convenor
Dr Manda Mhatre	Co- convenor
Mr Sudesh Rathod	Member (Teacher)
Dr Vinod Narayana	Member (Teacher)
Dr Seema Ajbani	Member (Teacher)
Mrs Rupali Vaity	Member (Teacher)
Mr Sushant Mane	Member (Teacher)
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Dr Vaishali Phusate	Member (Teacher)
Mr Balkrishna M.Gore	Member (Teacher)
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Dr Bindu Acharya	Member (Teacher)
Dr Lalna Khot	Member (Teacher)
Ms Jariya Khan	Student
Ms Pranjali Tripathi	Student
Mr Nishant Gupta	Student
Ms Tanuja Amasa	Student

Syllabus for
S.Y.B.Sc.
Course – ZOOLOGY
To be implemented from Academic year 2016-17
SEMESTER - III

COURSE CODE	UNIT	TOPIC	CREDITS	LECTURES/ WEEK
USZO301	I	Fundamentals of Genetics,	2	1
	II	Chromosomes and Heredity,		1
	III	Nucleic acids		1
USZO302	I	Study of Nutrition and Excretion	2	1
	II	Study Respiration and circulation,		1
	III	Control and coordination, Locomotion and Reproduction		1
USZO303	I	Ethology	2	1
	II	Parasitology		1
	III	Economic Zoology		1
USZOP3	Practical based on all three courses		03	9

SEMESTER - IV

COURSE CODE	UNIT	TOPIC	CREDITS	LECTURES/ WEEK
USZO401	I	Origin and evolution of Life,	2	1
	II	Population genetics and evolution,		1
	III	Scientific Attitude methodology , writing and ethics		1
USZO402	I	Cell Biology,	2	1
	II	Endo membrane System		1
	III	Biomolecules		1
USZO403	I	Comparative Embryology,	2	1
	II	Aspects of Human Reproduction,		1
	III	Pollution and its effect on organisms		1

USZOP4	Practical based on all three courses	03	9
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**Syllabus for
S.Y.B.Sc
Course – ZOOLOGY**

1. Syllabus Semester III & IV (Theory and Practical)
2. References and Additional Reading
3. Scheme of Examination and Paper Pattern (Theory and Practical)
4. Model Question bank

S.Y.B.Sc. ZOOLOGY UNIT WISE DISTRIBUTION					
Semester III			Semester IV		
Course 5	Course 6	Course 7	Course 8	Course 9	Course 10
Unit 1 Fundamentals of Genetics	Unit 1 Study of Nutrition & Excretion	Unit 1 Ethology	Unit 1 Origin & Evolution of Life	Unit 1 Cell Biology	Unit 1 Comparative Embryology
Unit 2 Chromosome & Heredity	Unit 2 Study of Respiration & circulation	Unit 2 Parasitology	Unit 2 Population Genetics & Evolution	Unit 2 Endomembrane System	Unit 3 Aspects of human Reproduction
Unit 3 Nucleic Acids	Unit 3 Control and Coordination Locomotion & Reproduction	Unit 3 Economic Zoology	Unit 3 Scientific Attitude, Methodology, Writing & Ethics	Unit 3 Biomolecules	Unit 3 Pollution & Effects on Animals
Practical (USZO P3)	Practical (USZO P3)	Practical (USZO P3)	Practical (USZO P4)	Practical (USZO P4)	Practical (USZO P4)

S.Y.B.Sc SYLLABUS DRAFT

SEMESTER III

Sr. No	USZO301 COURSE-5	No of lect allotted	Learning pleasure
	Fundamentals of Genetics, Chromosomes and Heredity, Nucleic acids		
	Unit 1: Fundamentals of Genetics	15L	25hrs
	Objectives : <ul style="list-style-type: none"> ➤ To Introduce basic terms of genetics ➤ To study Mendelian principles of inheritance and other forms pattern of inheritance 		
	Desired outcomes : <ul style="list-style-type: none"> ➤ Understand and apply the principles of inheritance. ➤ Understand the concept of multiple alleles, linkage and crossing over. 		
1.1	Introduction to genetics <ul style="list-style-type: none"> ➤ Definition, scope and importance of genetics. ➤ Classical and Modern concept of Gene (Cistron, muton, recon). ➤ Brief explanation of the following terms: Allele, wild type and mutant alleles, locus, dominant and recessive traits, homozygous and heterozygous, genotype and phenotype, genome. 	2L	2hrs
1.2	Mendelian Genetics <ul style="list-style-type: none"> ➤ Mendelian Genetics: Monohybrid cross, Dihybrid cross, test cross, back cross, Mendel's laws of Inheritance, Mendelian traits in man. ➤ Exceptions to Mendelian Inheritance: Incomplete dominance, Co-dominance, Lethal alleles, Epistasis - Recessive, Double recessive, dominant and double dominant. ➤ Chromosome theory of inheritance. ➤ Pedigree analysis-Autosomal dominant and autosomal recessive, X-linked dominant, and X-linked recessive 	8L	12hrs
1.3	Multiple Alleles and Multiple Genes <ul style="list-style-type: none"> ➤ Concept of multiple alleles, Coat colour in rabbit, ABO and Rh blood group systems ➤ Polygenic inheritance with reference to skin colour and eye colour in man. ➤ Concept of pleiotropy. 	3L	06hrs

1.4	Linkage and Crossing Over ➤ Linkage and crossing over, types of crossing over, cytological basis of crossing over.	2L	05hrs
Unit: 2: Chromosomes and Heredity		15 L	26hrs
	Learning objectives: ➤ To familiarize the learners with the structure, types and classification of chromosomes. ➤ To introduce the concept of sex determination and its types, sex influenced and sex limited genes.		
	Desired Outcomes: ➤ Learners would understand the structure and types of chromosomes. ➤ Learners would understand mechanisms of sex determination. ➤ Learners would be able to correlate the disorders linked to a particular sex chromosome.		
2.1	Chromosomes ➤ Types of chromosomes–Autosomes and Sex chromosomes ➤ Chromosome structure - Heterochromatin, Euchromatin ➤ Classification based on the position of centromere ➤ Endomitosis, Giant chromosomes- Polytene and Lamp brush chromosomes and significance of Balbiani rings.	4L	8hrs
2.2	Sex- determination ➤ Chromosomal Mechanisms: XX-XO, XX-XY, ZZ-ZW. ➤ Sex determination in honey bees- Haplodiploidy, ➤ Sex determination in <i>Drosophila</i> -Genic balance theory, intersex, gynandromorphs. ➤ Parthenogenesis. ➤ Hormonal influence on sex determination-Freemartin and sex reversal. ➤ Role of environmental factors- Bonellia and Crocodile ➤ Barr bodies and Lyon hypothesis	7L	10hrs
2.3	Sex linked, sex influenced and sex limited inheritance. ➤ X-Linked: Colourblindness, Haemophilia ➤ Y-linked: Hypertrichosis ➤ Sex-influenced genes ➤ Sex limited genes	4L	8hrs
Unit: 3 Nucleic acids		15 L	30hrs
	Objectives: ➤ To introduce to the learners the classical experiments proving DNA as the genetic material. ➤ To make the learner understand the structure of nucleic acids and the concept of central dogma of molecular biology. ➤ To familiarize the learner with the concept of gene regulation.		
	Desired Outcomes: ➤ Learner would understand the importance of nucleic acids as genetic material.		

	➤ <i>The learners would understand and appreciate the regulation of gene expressions.</i>		
3.1	Genetic material <ul style="list-style-type: none"> ➤ Griffith's transformation experiments, Avery-Macleod and McCarty, Hershey Chase experiment of Bacteriophage infection ➤ Chemical composition and structure of nucleic acids. ➤ Double helix nature of DNA, Solenoid model of DNA. ➤ Types of DNA – A, B, Z & H forms. ➤ DNA in Prokaryotes -chromosomal and plasmid. ➤ Extra nuclear DNA -mitochondria and chloroplast. ➤ RNA as a genetic material in viruses. ➤ Types of RNA: Structure and function. 	7L	14hrs
3.2	Flow of genetic information in a Eukaryotic cell <ul style="list-style-type: none"> ➤ DNA Replication ➤ Transcription of mRNA ➤ Translation ➤ Genetic code 	5L	08hrs
3.3	Gene Expressions and regulation <ul style="list-style-type: none"> ➤ One gene-one enzyme hypothesis /one polypeptide hypothesis ➤ Concept of operon ➤ Lac operon 	3L	08hrs

Sr. No	USZO302 COURSE-6	No of lect allotted	Learning pleasure
	Study of Nutrition and Excretion , Respiration and circulation, Control and coordination, Locomotion and Reproduction		
	Unit: 1 Study of Nutrition and Excretion	15L	23hrs
	Objective : <ul style="list-style-type: none"> ➤ <i>To introduce the concepts of physiology of nutrition, excretion and osmoregulation.</i> ➤ <i>To expose the learners to various nutritional apparatus, excretory and osmoregulatory structures in different classes of organisms.</i> 		
	Desired Outcome : <ul style="list-style-type: none"> ➤ <i>Learners would understand the increasing complexity of nutritional, excretory and osmoregulatory physiology in evolutionary hierarchy.</i> ➤ <i>Learners would be able to correlate the habit and habitat with nutritional, excretory and osmoregulatory structures.</i> 		
1.1	➤ Comparative study of Nutritional Apparatus (structure and function): Amoeba, Hydra, Earthworm, Cockroach, Bivalve,	5L	06hrs

	Amphioxus, Pigeon, Ruminants.		
1.2	➤ Physiology of digestion in man	2L	04hrs
1.3	➤ Comparative study of Excretory and Osmoregulatory structures and function a. Amoeba -contractile vacuoles b. Planaria -Flame cells c. Earthworm -Nephridia d. Cockroach-Malphigian tubules and green gland e. Bivalve -Organ of Bojanus	5L	08hrs
1.4	➤ Categorization of animals based on principle nitrogenous excretory products	1L	01hrs
1.5	➤ Structure of kidney, Uriniferous tubule and physiology of urine formation in man.	2L	04hrs
Unit: 2 Study of Respiration and circulation		15L	27hrs
	Objective : ➤ To introduce the concepts of physiology of respiration and circulation ➤ To expose the learners to various respiratory and circulatory structures in different classes of organisms.		
	Desired Outcome: ➤ Learners would understand the increasing complexity of respiratory and circulatory physiology in evolutionary hierarchy. ➤ Learners would be able to correlate the habit and habitat with respiratory and circulatory structures.		
2.1	➤ Comparative study of Respiratory organs (structure and function) Earthworm, Spider, Rohu, Frog and Pigeon.	3L	06hrs
2.2	➤ Accessory respiratory structures: Anabas /Clarius	1L	02hrs
2.3	➤ Structure of lungs and physiology of respiration in man	2L	04hrs
2.4	➤ Comparative study of circulation: Open and closed - single and double .	1L	02hrs
2.5	➤ Types of circulating fluids- Water, coelomic fluid, haemolymph, lymph and blood.	2L	02hrs
2.6	➤ Comparative study of Hearts (Structure and function) Earthworm, Cockroach, Shark, Frog, Crocodile and Pigeon.	4L	07hrs
2.7	➤ Structure and mechanism of working of heart in man	2L	04hrs
Unit: 3 Control and coordination, Locomotion and Reproduction		15L	25hrs
	Objective : ➤ To introduce the concepts of physiology of control and coordination and locomotion and reproduction		

	➤ <i>To expose the learners to various locomotory and reproductive structures in different classes of organisms</i>		
	Desired Outcome: ➤ <i>Learners would understand the process of control and coordination by nervous and endocrine regulation.</i> ➤ <i>Learners would be fascinated by various locomotory structures found in the animal kingdom.</i> ➤ <i>Learners would be acquainted with various reproductive strategies present in animals.</i>		
3.1	Control and coordination ➤ Irritability –Paramoecium , Nerve net in Hydra, Nerve ring and nerve cord in earthworm ➤ Types of neurons on the basis of structure and function ➤ Conduction of nerve impulse: Resting potential , action potential and refractory period ➤ Synaptic transmission ➤ Endocrine regulation: Hormones as chemical messengers, feedback mechanisms	5L	08hrs
3.2	Movement and Locomotion ➤ Locomotory organs -structures and functions a. Pseudopodia in Amoeba (sol gel theory), Cilia in Paramecium b. Wings and legs in Cockroach c. Tube feet in Starfish d. Fins of fish	4L	08hrs
3.3	➤ Structure of Striated muscle fibre in human and Sliding filament theory	2L	02 hrs
3.4	Reproduction a. Asexual Reproduction- Fission, fragmentation, gemmule formation, budding b. Sexual reproduction i. Gametogenesis ii. Structure of male and female gametes in human iii. Types of fertilization iv. Oviparity, viviparity, ovo-viviparity	4L	07hrs
USZO 303 COURSE-7			
Ethology , Parasitology, Economic Zoology		15L	26hrs
Unit: 1 Ethology			
	Objective: ➤ <i>To equip learners with a sound knowledge of how animals interact with one another and their environment.</i> ➤ <i>To enable the learners to understand different behavioural patterns.</i>		
	Desired Outcome:		

	<ul style="list-style-type: none"> ➤ Learners would gain an insight into different types of animal behaviour and their role in biological adaptations. ➤ Learners would be sensitized to the feelings instrumental in social behavior. 		
1.1	Introduction to Ethology <ul style="list-style-type: none"> ➤ Definition, History and Scope of Ethology ➤ Animal behaviour - Innate and Learned behaviour ➤ Types of learning -Habituation, Imprinting and types of imprinting -filial and sexual, Classical conditioning, Instrumental learning and insight learning. 	4L	06hrs
1.2	Aspects of animal behaviour <ul style="list-style-type: none"> ➤ Communication in Bees and Ants ➤ Mimicry and colouration ➤ Role of hormones and pheromones in sexual behaviour ➤ Displacement activities, Ritualization ➤ Migration in fish, schooling behaviour ➤ Habitat selection, territorial behaviour, food selection and foraging behaviour in African ungulates 	6L	12hrs
1.3	Social behaviour <ul style="list-style-type: none"> ➤ Social behaviour in primates -Hanuman langur ➤ Elements of Socio-biology: Selfishness, cooperation, altruism, kinship and inclusive fitness 	5L	08hrs
	Unit: 2 Parasitology	15L	27hrs
	Objective: <ul style="list-style-type: none"> ➤ To acquaint learners with the concepts of parasitism, their relationship with environment. ➤ To make learners aware about the modes of transmission of parasites. 		
	Desired Outcome: <ul style="list-style-type: none"> ➤ Learners would understand the general epidemiological aspects of parasites that affect humans and apply simple preventive measures for the same. ➤ Learners would comprehend the life cycle of specific parasites, the symptoms of the disease and its treatment. 		
2.1	Introduction to Parasitology and types of parasites <ul style="list-style-type: none"> ➤ Definitions: parasitism, host, parasite, vector-biological and mechanical ➤ Types of parasites- Ectoparasites, Endoparasite and their subtypes ➤ Parasitic adaptations in Ectoparasites and Endoparasites ➤ Types of hosts: intermediate and definitive, reservoir 	2L	06hrs
2.2	Host-parasite relationship-Host specificity <ul style="list-style-type: none"> ➤ Definition, structural specificity, physiological specificity and ecological specificity. 	2L	06hrs

2.3	Life cycle, pathogenicity, control measures and treatment ➤ <i>Entamoeba histolytica</i> , <i>Fasciola hepatica</i> , <i>Taenia solium</i> , <i>Wuchereria bancrofti</i>	5L	06hrs
2.4	Morphology, life cycle, pathogenicity, control measures and treatment ➤ Head louse (<i>Pediculus humanus capitis</i>), Mite (<i>Sarcoptes scabiei</i>), Bed bug (<i>Cimex lectularis</i>)	2L	06hrs
2.5	Parasitological significance ➤ Zoonosis- Bird flu, Anthrax, Rabies and Toxoplasmosis	4L	03hrs
	Unit 3 Economic Zoology	15L	24hrs
	Objective: ➤ To disseminate information on economic aspects of zoology like apiculture, vermiculture, dairy science. ➤ To encourage young learners for self employment.		
	Desired Outcome: ➤ Learners would gain knowledge on animals useful to mankind and the means to make the most of it. ➤ Learners would learn the modern techniques in animal husbandry. ➤ Learners would be pursuing entrepreneurship as careers		
3.1	APICULTURE	5L	08hrs
3.1.1	Methods of bee keeping and management ➤ An introduction to different species of honey bees used in apiculture. ➤ Selection of flora and bees for apiculture. ➤ Advantages and disadvantages of traditional and modern methods of apiculture. ➤ Pests and Bee enemies- Wax moth, wasp, black ants, bee eaters , king crow and disease control ➤ Bee keeping industry- Present status and recent efforts to improve and boost the industry		
3.1.2	Economic importance ➤ Honey- Production, Chemical composition and economic importance ➤ Bees wax- Economic importance. ➤ Role of honey bees in pollination.		
3.2	VERMICULTURE	4L	08hrs

3.2.1	Rearing methods, management and economic importance <ul style="list-style-type: none"> ➤ An introduction to different species of earthworms used in vermiculture. ➤ Methods of vermiculture. ➤ Maintenance and harvesting ➤ Economic importance: advantages of vermiculture, demands for worms; market for vermicompost and entrepreneurship. 		
3.3	DAIRY SCIENCE	6L	08hrs
3.3.1	Dairy development in India <ul style="list-style-type: none"> ➤ Role of dairy development in rural economy, employment opportunities 		
3.3.2	Dairy Processing <ul style="list-style-type: none"> ➤ Filtration, cooling, chilling, clarification, pasteurization, freezing 		
3.3.3	Milk and milk products <ul style="list-style-type: none"> ➤ Composition of milk ➤ Types of milk: Recombined milk, Soft curd milk, Skimmed and toned milk, Artificial milk. ➤ Milk products 		

SEMESTER III	
Practical USZOP3 (Course V)	
1	Extraction and detection of DNA
2	Extraction and detection of RNA.
3	Mounting of Barr bodies.
4	Study of polytene chromosome.
5	Study of mitosis- temporary squash preparation of Onion root tip
6	Detection of blood groups and Rh factor.
7	Problems in genetics a. Monohybrid/ Dihybrid cross b. X- linked inheritance c. Multiple alleles
8	Chromosome morphology: Metaphase spreadsheet (photograph to be provided)
9	Pedigree analysis
10	Problems on molecular biology
Practical USZOP3 (Course VI)	
1	Urine analysis—Normal and abnormal constituents
2	Detection of ammonia in water excreted by fish
3	Detection of uric acid from excreta of Birds
4	Study of striated and non- striated muscle fibre

5	Study of nutritional Apparatus (Amoeba, Hydra, Earthworm, Pigeon, Ruminant stomach)
6	Study of respiratory structures: a. Gills of Bony fish and Cartilaginous fish. b. Lungs of Frog c. Lungs of Mammal. d. Accessory respiratory structure in Anabas (Labyrinthine organ) e. Air sacs of Pigeon.
7	Study of locomotory organs (<i>Amoeba</i> , <i>Unio</i> , Cockroach, Starfish, Fish, and Birds)
8	Study of hearts (Cockroach, Shark, Frog, <i>Calotes</i> , Crocodile, Mammal)
9	Study of permanent slides on topic of Reproduction a. Sponge gemmules b. Hydra budding c. T.S. of mammalian testis d. T.S. of mammalian ovary
Practical USZOP3 (Course VII)	
1	Extraction of Casein from Milk and its qualitative estimation
2	Preparation of paneer from given milk sample
3	Measurement of density of milk using different samples by Lactometer
4	Study of Honey Bee : a) Life Cycle of Honey Bee and Bee Hive b) Mouthparts of Honey Bee c) Legs of Honey Bee d) Sting Apparatus of Honey Bee
5	Study of ethological aspects: a) Warning Colouration b) Instincts c) Imprinting d) Communication in animals: Chemical signals and sound signals e) Displacement activities in animals: Courtship and mating behavior in animals and ritualization
6	Study of Protozoan parasites: a. <i>Trypanosoma gambiense</i> b. <i>Giardia intestinalis</i>
7	Study of Helminth parasites: a) <i>Ancylostoma duodenale</i> b) <i>Dracunculus medenensis</i>
8	Parasitic adaptations: Scolex and mature proglottid of Tapeworm
9	Study of Ectoparasites: a. Leech b. Tick c. Mite

10	Project- Suggested topics on economic zoology (eg Apiculture, sericulture/ lac culture / vermicompost Technique / Construction of artificial beehives /Animal husbandry/ aquaculture etc)
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Note -The practicals may be conducted by using specimens authorised by the wildlife and such other regulating authorities though it is strongly recommended that the same should be taught by using photographs/audio-visual aids/ simulations / models, etc. as recommended by the UGC and as envisaged in the regulations of the relevant monitoring bodies. No new specimens, however, shall be procured for the purpose of conducting practicals mentioned here-in-above.

#There shall be at least one excursion/field trip.

Semester –III

REFERENCE BOOKS AND ADDITIONAL READING

COURSE-V (USZO301)

1. Principles of Genetics. Gardner, E.J., Simmons, M.J and Snustad, D.P. John Wiley and Sons
2. Concepts of Genetics. Klug, W.S., Cummings M.R., Spencer, C.A. Benjamin Cummings.
3. Genetics- A Molecular Approach. Russell, P. J Benjamin Cummings.
4. Genetics: Analysis of Genes and Genomes. Daniel L., Hartl, Elizabeth W. Jones Jones & Bartlett Publishers
5. Introduction to Genetic Analysis. Griffiths, A.J.F., Wessler. S.R., Lewontin, R.C. and Carroll, S.B. W. H. Freeman and Co.
6. Cell Biology Genetics , Molecular Biology Evolution and Ecology Verma P.S. and Agrawal P.K., 9th edition, S. Chand Publication, New Delhi.
7. Principles of Genetics – Eight edition- Eldon John Gardner, Michael J. Simmons, D. Peter Snustad
8. Genetics- Weaver, Hedrick, third edition, Mc Graw Hill Education
9. Genetics A Mendelian approach Peter J.Russel, Pearson Benjamin Cummings
10. Genetics A conceptual approach, Benjamin A. Pierce, Southwestern University, W.H. Freeman and company, New York
11. Genetics, Third Edition, Monroe W. Strickberger
12. Genetics from gene to genome, third edition, Leeland H. Hartwell, Leeroy Hood, Michael 7. L. Goldberg, Ann E. Reynolds, Lee M. Silver, McGraw Hill Education

COURSE-VI (USZO302)

1. Vertebrate Zoology Volume I- Jordan and Verma , S. Chand and Co.
2. Invertebrate Zoology Volume II- Jordan and Verma , S. Chand and Co.
3. Invertebrate Zoology- Majupuria T. C., Nagin S.and Co.
4. Chordate Zoology- Dhami P. S. and Dhami J. K. , R. Chand and Co.
5. Invertebrate Zoology- Dhami P. S. and Dhami J. K., R. Chand and Co.

6. Introduction to Vertebrates- Moore Cambridge University- Low Priced Edition.
7. Zoology- Miller S. A. and Harley J. B., Tata McGraw Hill.
8. Modern Textbook of Zoology, Invertebrates, Kotpal R. L.
9. Biological Science, Taylor D.J., Stout G.W., Green N.P.O, Soper R., Cambridge University Press.

COURSE-VII (USZO303)

1. Animal Behaviour- David Mc Farland
2. Animal Behaviour- Mohan Arora
3. Animal Behaviour- Reena Mathur
4. An introduction to Animal Behaviour- Dawkins
5. Animal Behaviour-Agarwal
6. Animal Behaviour- Tinbergen
7. Biology of Insects- 1992 Saxena S. C. Oxford and IBH Publishing Co New Delhi. Bombay. Calcutta
8. A Text Book of Entomology- 1974 Mathur V. K. and Upadhyay K Goel Printing press, Barani.
9. Bee and Bee Keeping- Roger A. Morse, Cornell University Press London
10. Vermiculture Technology - Clive A. Edwards, Norman Q. Arancon and Rhonda Sherman
11. Parasitology- Chatterjee K.D., Chatterjee Medical Publishers.
12. Medical Parasitology- Arora
13. Textbook of Medical Parasitology-. C.K Jayaram Paniker, Jaypee Brothers.
14. A text book of Parasitology- Kochhar S.K. Dominant Pub. & Dis, New Delhi.
15. Essentials of Parasitology- Gerald and Schmidt: Universal Bookstall, New Delhi.
16. Parasitology- Sharma P.N.and Ratnu L.N., Chand S & Co.Pvt.Ltd.
17. Introduction to Parasitology- Chandler and Read John Wiley & Sons
18. Economic Zoology- Biostatistics and Animal behaviour – S.Mathur, Rastogi Publications.
19. Economic Zoology- Shukla G.S. & Upadhyay V.B., Rastogi Publications.
20. A handbook on Economic Zoology, S.Chand & Co.

SCHEME OF EXAMINATION (THEORY)

- (a) Internal assessment of twenty five (25) marks per course per semester should be conducted according to the guidelines given by University of Mumbai vide circular number UG/04 of 2014 Dated 5th June 2014 to be implemented from academic year 2015-16.
- (b) External assessment of seventy five (75) marks per course per semester should be conducted as per the following skeleton question paper pattern.
- (c) One practical examination of fifty (50) marks per course each should be conducted at the end of every semester.

SKELETON- EXAMINATION PATTERN FOR THE ABOVE SYLLABUS

All Questions are compulsory
Figures to the right indicate full marks

Time: 2.5 hours**Total marks: 75**

Q.1.	UNIT 1 Answer any four out of eight (5 marks each)	20 marks
Q.2.	UNIT 2 a. Answer any one of the two (10 marks) b. Answer any two out of the four (5 marks each)	20 marks
Q.3.	UNIT 3 Answer any two out of four (10 marks each)	20 marks
Q.4.	a. Unit 1 - (One note of five marks OR objective type questions) b. Unit 2 - (One note of five marks OR objective type questions) c. Unit 3- (One note of five marks OR objective type questions)	15 marks

*For Question 4 it is recommended to have objective questions such as –

- | | |
|-----------------------|--------------------------------|
| (a) Match the column | (b) MCQ |
| (c) Give one word for | (d) True and False |
| (e) Define the term | (f) Answer in one sentence etc |

MODEL QUESTION BANK SEMESTER III

USZO301(COURSE V)

Question bank is suggestive. The paper setters are free to modify the questions or include new questions to the best of their perception

Unit :1 (10 Marks)

1. Define genetics and explain its scope and importance.
2. Explain Mendel's laws of inheritance.
3. Describe in detail the monohybrid cross and state the Mendelian principle of inheritance derived from it. Add a note on Co-dominance.
4. Describe in detail dihybrid cross and state the Mendelian principles of inheritance derived from it.
5. Discuss in brief inheritance of Mendelian phenotypic traits in humans.
6. Describe incomplete dominance with a suitable example.
7. Describe Co-dominance with a suitable example.
8. What is epistasis? Give a detailed account of double dominant epistasis.
9. What is epistasis? Give a detailed account of recessive epistasis.
10. What is epistasis? Give a detailed account of dominant epistasis
11. What is epistasis? Give a detailed account of double recessive epistasis.
12. Explain the pattern of inheritance of recessive and dominant lethal alleles.
13. Explain the inheritance of multiple alleles with the help of a suitable example.
14. Describe polygenic inheritance with reference to skin colour and eye colour in man.
15. Compare and contrast pleiotropy and polygenic inheritance.
16. Explain the phenomenon of linkage with respect to Morgan's Experiment. Add a note on the differences between complete and incomplete linkage.

17. Describe the pattern of inheritance of blood group and Rh factor in man.
18. Explain the cytological basis and molecular mechanisms of crossing over.
19. Explain pedigree analysis of X-linked recessive traits.

Unit :1 (5 Marks)

1. Describe the classical concept of gene.
2. Explain the modern concept of gene.
3. Differentiate between (Any two):
 - (a) Genotype and phenotype of an organism
 - (b) Dominant and recessive traits
 - (c) Gene and genome
 - (d) Homozygous and heterozygous
 - (e) Monohybrid and dihybrid cross
 - (f) Incomplete Dominance and co-dominance
 - (g) Multiple alleles and polygenes
 - (h) Test cross and backcross
4. Explain how probability is used to predict the results of genetic crosses.
5. Write a note on the chromosome theory of inheritance.
6. Describe co-dominance with a suitable example.
7. Give an account of the symbols used in human Pedigree analysis
8. Characteristics of autosomal dominant traits
9. Characteristics of X-linked recessive traits
10. Characteristics of autosomal recessive traits
11. Characteristics of X-linked dominant traits
12. Intermediate lethal alleles
13. Phenylketoneuria
14. Albinism
15. Explain the inheritance of skin colour in humans.
16. Write a note on pleiotropy.

Unit: 2 (10 Marks).

1. Explain the structure of eukaryotic Chromosome.
2. Classify chromosomes on the basis of position of centromere.
3. Explain any two mechanisms of chromosomal basis of sex determination.
4. Explain the inheritance of colour blindness in man.
5. Explain sex determination in man/ Honey bee/ Birds/ Drosophila.

Unit: 2 (05 Marks)

1. Describe the terms euchromatin and heterochromatin.
2. Write a note on polytene chromosomes.
3. Write a note on Lampbrush chromosomes.
4. Write a note on salivary gland chromosome of *Drosophila*.
5. Write a note on Balbiani rings.
6. Explain endomitosis.
7. Write a note on Gynandromorphs
8. Explain the role of environment on sex determination.
9. Explain the role of hormones in sex determination.
10. Explain hypertrichosis.
11. Differentiate between sex linked and sex influenced genes.
12. Differentiate between human X and Y chromosome.
13. Differentiate between autosomes and sex chromosomes.
14. Write a note on Lyon's hypothesis.
15. What are Barr bodies? Give a scientific reason that Barr bodies are present only in women and not in men.
16. Give a scientific reason that Y chromosome is a sex determining chromosome in man.
17. Explain parthenogenesis.
18. Give scientific reason that the X linked genes affect males more than females in human beings.
19. What is centromere? Explain its role during cell division.

Unit: 3 (10 marks)

1. Describe Griffith transformation experiment.
2. Explain Avery, Macleod, McCarty's experiment
3. Give an account of Hershey Chase experiment of bacteriophage infection.
4. Write a note on types of DNA.
5. Explain RNA as a genetic material.
6. Describe the process of DNA replication
7. Write in detail the process of transcription
8. Discuss the process of translation
9. What is gene expression? Describe the regulation of genes with Lac operon.

Unit 3: (5 Marks)

Write short notes on –

1. Chemical composition of nucleic acid
2. A and B DNA
3. Plasmid
4. Function of mRNA

5. Function of tRNA
6. Genetic code
7. One gene one enzyme hypothesis
8. Concept of operon
9. Z DNA
10. H DNA
11. Chromosomal DNA in prokaryotes
12. Mitochondrial DNA
13. DNA in chloroplast

MODEL QUESTION BANK SEMESTER III

USZO302 (COURSE VI)

Question bank is suggestive. The paper setters are free to modify the questions or include new questions to the best of their perception

Unit 1: (05 Marks)

1. Write a note on nutrition apparatus in amoeba.
2. Describe briefly gastro-vascular cavity in hydra.
3. Explain briefly digestive system of earthworm.
4. Explain briefly digestive system of cockroach.
5. Explain briefly digestive system in bivalve.
6. Write a note on Wheel organ of Amphioxus.
7. Explain briefly digestive system of pigeon.
8. Write a note on ruminant stomach.
9. Explain briefly physiology of digestion in cockroach.
10. Write short note on digestion of proteins with respect to man.
11. Write short note on digestion of carbohydrates with respect to man
12. Write short note on digestion lipids with respect to man
13. Give a brief account of enzymes involved in the process of digestion in cockroach
14. Write short note contractile vacuoles as excretory and osmoregulatory structures in protozoa.
15. Write a note on flame cells.
16. Describe the structure of septal nephridia with the help of a neat labeled diagram.
17. Write a note on nephridia as excretory organs in earthworm.
18. Describe briefly excretory and osmoregulatory structures in arthropods.
19. Write a note on Organ of Bojanus

20. Write a note on structure of kidney in fish.
21. Write a note on structure of amphibian kidney.
22. Write a note on structure of kidney in bird.
23. Write a note on structure of mammalian kidney.
24. Write a note on Ammonotelic organisms.
25. Write a note on Ureotelic organisms.
26. Write a note on Uricotelic organisms.
27. Write a note on ultrafiltration
28. Give a brief account of process of urine formation in man.

Unit 2: (10 Marks)

1. Describe briefly air sacs in pigeon.
2. Describe briefly the process of internal respiration with respect to man
3. Describe briefly the process of external respiration with respect to man
4. Give a brief account of types of circulating fluids present in animals.
5. Describe briefly mechanism of working of heart.
6. Describe briefly two chambered heart in shark.
7. Describe briefly structure of heart of frog.
8. Describe briefly heart of crocodile.
9. Give a brief account of heart of man.

Unit 2: (5 Mark)

1. Write short note on cutaneous respiration.
2. Write a note on Spiracle in cockroach.
3. Write a note on book lungs in spider.
4. Explain the structure of gills of bony fish
5. Explain the structure of gills of cartilaginous fish.
6. Describe briefly lungs as respiratory organs in frog.
7. Describe briefly lungs as respiratory organs in man.
8. Explain briefly accessory respiratory structure in *Anabas*.
9. Write short note on open circulation.
10. Write short note on closed circulation.
11. Write a note on heart of cockroach
12. Write a note on heart of earthworm.

Unit 3:(10 Marks)

1. Describe different types of neurons on the basis of structure and function.

2. Explain conduction of nerve impulse.
3. Briefly describe synaptic transmission.
4. Describe briefly hormones as chemical messenger.
5. Explain briefly feedback mechanism of hormone regulation.
6. Explain sol-gel theory of amoeboid movement.
7. Describe ciliary movement in *Paramecium*.
8. Give an account on types of wings in insects.
9. Explain types of fins in Pisces.
10. Describe sliding filament theory.
11. Describe briefly asexual reproduction in animals.
12. Describe the structure and function of tube feet.
13. Describe spermatogenesis.
14. Describe oogenesis.
15. Describe briefly the structure of mammalian gametes.
16. Give an account on types of fertilization.

Unit 3: (5 Marks)

1. Write a note on irritability in *Paramecium*
2. Write a note on resting potential of nerve membrane.
3. Write a note on action potential of nerve membrane.
4. Describe different types of neurons on the basis of structure.
5. Describe briefly different types of neurons on the basis of functions.
6. Describe the structure of synapse.
7. Write a note on striated muscle fibre.
8. Describe the structure of cilia.
9. Give an account on types of legs in insects.
10. Write a note on ovo-viviparity.
11. Write a note on viviparity.
12. Write a note on oviparity.
13. Describe the structure of mammalian egg.
14. Describe the structure of mammalian sperm.
15. Describe the formation of gemmule in sponges.
16. Write a note on budding as asexual reproduction in mammals

MODEL QUESTION BANK SEMESTER III

USZO303 (COURSE VII)

Question bank is suggestive. The paper setters are free to modify the questions or include new questions to the best of their perception

Unit 1: (5 Marks)

1. How do honey bees communicate for foraging?
2. What is classical conditioning? Explain with an example.
3. What is imprinting? Explain different types of imprinting.
4. What do you mean by learning? Describe any two types of learning.
5. Describe the various ways in which ants communicate.
6. What is the significance of mimicry and warning coloration?
7. What is mimicry? Explain different types of mimicry with examples.
8. What is displacement activity? In what situations do displacement activities occur?
Explain with examples.
9. Write notes on:
 - i. Migration in Fish
 - ii. Territorial behavior
 - iii. Schooling behavior in fish
 - iv. Altruism and kinship
10. Which are the different types of social groups seen in non human primates?
11. Comment on any two aspects of non human primate social behavior.

Unit 2: (10 Marks)

1. Give an account of the life history and pathogenicity of the parasite causing amoebic dysentery.
2. Describe in detail part of life cycle of *P. vivax* in mosquito.
3. Give an account of asexual cycle of *P. vivax* in man.
4. Describe the life history of *Taenia solium*.
5. Give an account of parasitic adaptive features of *Taenia solium*.
6. Give an account of the life history of *Fasciola hepatica*.
7. Give an account of the life history of filarial worm and discuss its pathogenic effects.
8. Describe the life history of bedbug and suggest some control measures.
9. Give an account of the life history of *Sarcoptes scabiei*.
10. Give an account of the life history of head louse *Pediculus*.
11. What is bird flu? How is it spread and what are its symptoms?
12. How would you control the transmission of anthrax among humans?
13. How is anthrax transmitted to man?

Unit 2: (5 Marks)

1. Describe the structure of *E. histolytica*.
2. Where is *E. histolytica* found and what disease does it cause?
3. Write a short note on pathogenicity of *E. histolytica*.

4. Briefly describe the life cycle of *E. histolytica*.
5. What are the symptoms of malaria? Write its control measures.
6. Give an account of symptoms and pathogenicity of *Plasmodium vivax*.
7. Illustrate the complete life history of *T. solium* with the help of diagram only.
8. What is the effect of *Fasciola* on the hosts?
9. What are the primary and secondary hosts of *Wuchereria bancrofti*? Which stage of *Wuchereria* is infective for man?
10. What is host specificity?
11. What are the signs and symptoms of bird flu?
12. How is rabies transmitted?
13. What are the preventive measures to be taken to prevent infection of rabies virus?
14. What is toxoplasmosis and what are its causes?
15. Write notes on:
 - i. Parasitic adaptations in endoparasites
 - ii. Cysticercus or bladder worm.
 - iii. Pathogenicity of *Wuchereria*
 - iv. Control measures of bedbug.
 - v. Types of hosts

Unit 3: (10 Marks)

1. What does the modern method of apiculture include? Explain in brief.
2. How is an artificial bee hive constructed?
3. How do you select the flora and bee species for apiculture?
4. What are the benefits of vermiculture?
5. Describe any two methods of vermiculture.
6. How is raw milk processed?
7. What are the common adulterants of milk in India?

Unit 3: (5 Marks)

1. State the economic importance of honey and beeswax.
2. What are the disadvantages of the indigenous method of apiculture?
3. How does the wax moth cause damage to the honey comb?
4. Name any two bee enemies and explain how they harm the bees.
5. Give an account of the commonly found species of honey bee in India.
6. What are the advantages of the modern method of apiculture?
7. Which type of flora is beneficial for apiculture?
8. Which type of bee is suitable for apiculture?
9. What is the chemical composition of honey?
10. What is the suitable material for culturing earthworms?
11. What are the advantages of processing dairy products?

12. What is skimmed milk and toned milk? How are they prepared?
13. How is recombined milk prepared?

PRACTICAL
USZOP3 (Course V)
Skeleton-Practical Examination Question Paper Pattern

Time: 2 hrs

Marks: 50

Major Question

15 marks

Q1. Extraction and detection of DNA

OR

Q1. Extraction and detection of RNA

Minor Question

07 marks

Q2. Mounting of Barr bodies

OR

Q2. Study of mitosis-Temporary squash preparation of Onion root tip

OR

Q2. Detection of blood groups and Rh factor

Q3. Problems on Genetics and Molecular biology (Transcription /Genetic code)
(01 problem each)

10 marks

Q4. Identification	08 marks
a. Chromosome morphology	
b. Pedigree analysis	
Q5. Viva and Journal	10 marks

**PRACTICAL
USZOP3 (Course VI)
Skeleton-Practical Examination Question Paper Pattern**

Time: 2 hrs **Marks: 50**

Major Question 15 marks

Q1. Urine analysis—Normal and abnormal constituents

Minor Question 10 marks

Q2. Detection of ammonia in water excreted by fish

OR

Q2. Detection of uric acid from excreta of Birds

Q3. Identification 15 marks

- c. Nutritional apparatus
- d. Respiratory structures
- e. Locomotory organs
- f. Study of hearts
- g. Permanent slides on reproduction

Q4. Viva	05 marks
Q5. Journal	05 marks

PRACTICAL
USZOP3 (Course VII)
Skeleton -Practical Examination Question Paper Pattern

Time: 2 hrs

Marks: 50

Major Question

12 marks

Q1. Extraction of Casein from Milk and its qualitative estimation

OR

Q1. Preparation of paneer from the given milk sample.

OR

Q1. Measurement of density of milk using different samples by lactometer

Minor Question

08 marks

Q2. Life Cycle of Honey Bee and Bee Hive

OR

Q2. Mouthparts of Honey Bee

OR

Q2. Legs of Honey Bee

OR

Q2. Sting Apparatus of Honey Bee

Q3. Identify and describe as per instructions

15 marks

- a. Ethology
- b. Protozoan parasites
- c. Helminth parasites
- d. Ectoparasites
- e. Parasitic adaptations

Q4. Project submission and Viva based on project

10 marks

Q5. Journal

05 marks

SEMESTER IV			
USZO401 COURSE-8			
Origin and evolution of Life, Population genetics and evolution, Scientific Attitude methodology , writing and ethics			
Unit 1 : Origin and evolution of Life		15L	30hrs
Objective : ➤ <i>To impart scientific knowledge to the learner about how life originated and evolved on our planet.</i>			
Desired Outcomes : ➤ <i>Learner will gain insight about origin of life.</i> ➤ <i>Learner will know about the different theories of evolution.</i>			
1.1	Introduction. ➤ Origin of universe ➤ Chemical evolution - Miller-Urey experiment, Haldane and Oparin theory ➤ Origin of life ➤ Origin of eukaryotic cell.	5L	10hrs
1.2	Evidences in favour of organic evolution ➤ Evidences from: Geographical distribution, Paleontology	4L	8hrs

	Anatomy, Embryology, Physiology and Genetics.		
1.3	Theories of organic evolution <ul style="list-style-type: none"> ➤ Theory of Lamarck. ➤ Theory of Darwin and Neo Darwinism ➤ Mutation Theory ➤ Modern Synthetic theory ➤ Weismans germplasm theory ➤ Neutral theory of molecular evolution 	6L	12hrs
	Unit 2: Population genetics and evolution	15L	28hrs
	Objective: <ul style="list-style-type: none"> ➤ <i>To develop learner's knowledge and understanding of genetic variability within a population and how the change in the gene pool leads to evolution of species.</i> 		
	Desired Outcomes: <ul style="list-style-type: none"> ➤ <i>Learner would understand the forces that cause evolutionary changes in natural populations.</i> ➤ <i>Learner would comprehend the mechanisms of speciation</i> ➤ <i>Learner will be able to distinguish between microevolution, macroevolution and megaevolution</i> 		
2.1	Introduction to population genetics	1L	3hrs
	<ul style="list-style-type: none"> ➤ Definition 		
2.1.1	Brief explanation of the following terms: <ul style="list-style-type: none"> ➤ Population, gene pool, Allele frequency, genotype frequency, phenotype frequency, microevolution 		
2.2	Population genetics	6L	10hrs
2.2.1	<ul style="list-style-type: none"> ➤ Hardy-Weinberg Law 		
2.2.2	<ul style="list-style-type: none"> ➤ Factors that disrupt Hardy Weinberg equilibrium- ➤ Mutation, ➤ Migration (Gene flow), ➤ Non-random mating (Inbreeding, inbreeding depression, Assortative mating-Positive and Negative, Disassortative mating), ➤ Genetic drift (Sampling error, fixation, Bottleneck effect and Founder effect) ➤ Natural Selection. 		

2.2.3	Patterns of Natural Selection <ul style="list-style-type: none"> ➤ Stabilizing selection, ➤ Directional Selection (Examples: Peppered moth, Antibiotic resistance in bacteria, Pesticide resistance) ➤ Disruptive selection 		
2.3	Evolutionary genetics <ul style="list-style-type: none"> ➤ Genetic variation: Genetic basis of variation-Mutations and Recombination (crossing over during meiosis, independent assortment of chromosomes during meiosis and random union of gametes during fertilization). ➤ Nature of genetic variations- Genetic polymorphism, Balanced polymorphism, Mechanisms that preserve balanced polymorphism-Heterozygote advantage and frequency dependent selection, ➤ Neutral variations. ➤ Geographic variation (Cline). 	8L	15hrs
2.3.1	<ul style="list-style-type: none"> ➤ Species Concept: Biological species concept and evolutionary species concept 		
2.3.2	Speciation and Isolating mechanisms: <ul style="list-style-type: none"> ➤ Definition and Modes of speciation (Allopatric, Sympatric , Parapatric and Peripatric) ➤ Geographical isolation ➤ Reproductive isolation and its isolating mechanisms (Prezygotic and Postzygotic) 		
2.3.3	Macroevolution and Megaevolution : <ul style="list-style-type: none"> ➤ Concept and Patterns of macroevolution (Stasis, Preadaptation /Exaptation, Mass extinctions, Adaptive radiation and Coevolution), ➤ Megaevolution 		
	Unit 3: Scientific Attitude methodology , writing and ethics	15L	32hrs
	Objective: <ul style="list-style-type: none"> ➤ <i>To inculcate scientific temperament in the learner.</i> 		
	Desired outcome: <ul style="list-style-type: none"> ➤ <i>The learner will develop qualities such as critical thinking and analysis.</i> ➤ <i>The learner will develop the skills of scientific communication.</i> ➤ <i>Learner will understand the ethical aspects of research</i> 		
3.1	Process of science: A dynamic approach to investigation	4L	10hrs

	The Scientific method ➤ Deductive reasoning and inductive reasoning, Critical thinking, Role of chance in scientific discovery		
	Scientific Research ➤ Definition, difference between method and methodology characteristics, types		
	Steps in the Scientific Method ➤ Identification of research problem, Formulation of research hypothesis, Testing the hypothesis using experiments or surveys, Preparing research/study design including methodology and execution (Appropriate controls, sample size, technically sound, free from bias, repeat experiments for consistency), Documentation of data, Data analysis and interpretation, Results and Conclusions		
	Dissemination of data ➤ Reporting results to scientific community (Publication in peer-reviewed journals, thesis, dissertation, reports, oral presentation, poster presentation)		
	Application of knowledge ➤ Basic research, Applied research, Translational research, Patent		
3.2	Scientific writing	4L	10hrs
	Structure and components of a research paper ➤ (Preparation of manuscript for publication of research paper)- Title, Authors and their affiliations, Abstract, Keywords and Abbreviations, Introduction, Material and Methods, Results, Discussion, Conclusions, Acknowledgement, Bibliography; Figures, Tables and their legends		
3.3	Writing a review paper	3L	5hrs
	Structure and components of research report: ➤ Report writing, Types of report		
	Computer application ➤ Plotting of graphs, Statistical analysis of data. Internet and its application in research-Literature survey, Online submission of manuscript for publication		
3.4	Ethics	3L	5hrs
	Ethics in animal research ➤ The ethical and sensitive care and use of animals in research, teaching and testing, Approval from Institutional animal ethics		

	Committee.		
	Ethics in clinical research ➤ Approval from Clinical Research Ethics Committee ➤ Informed consent		
	Approval from concerned/ appropriate authorities : ➤ National Biodiversity Authority ➤ State Biodiversity Board ➤ Forest Department		
	Conflict of interest		
3.5	Plagiarism	1L	2hrs
	USZO402 COURSE-9		
	Cell Biology, Endo membrane System and Biomolecules		
	Unit 1 : Cell Biology	15L	26hrs
	Objective : ➤ <i>To study the structural and functional organization of cell with an emphasis on nucleus, plasma membrane and cytoskeleton.</i>		
	Desired outcome : ➤ <i>Learner would acquire insight of transport mechanisms for maintenance and composition of cell</i>		
1.1	Introduction to cell biology ➤ Definition and scope ➤ Cell theory ➤ Generalized prokaryotic , eukaryotic cell: size, shape and structure	2L	4hrs
1.2	Nucleus ➤ Size, shape, number and position ➤ Structure and functions of interphase nucleus ➤ Ultrastructure of nuclear membrane and pore complex ➤ Nucleolus: general organization, chemical composition and functions ➤ Nuclear sap/ nuclear matrix ➤ Nucleocytoplasmic interactions	5L	6hrs
1.3	Plasma membrane a. Fluid Mosaic Model b. Junctional complexes c. Membrane receptors	4L	8hrs

	d. Modifications: Microvilli, Desmosomes and Plasmodesmata.		
1.4	Transport across membrane a. Diffusion and Osmosis b. Transport: Passive and Active c. Endocytosis and Exocytosis	2L	4hrs
1.5	Cytoskeletal structures ➤ Microtubules: Composition and functions ➤ Microfilaments: Composition and functions	2L	4hrs
	Unit 2 Endomembrane System	15L	25hrs
	Objective : ➤ To acquaint the learner with Ultrastructure of cell organelles and their functions.		
	Desired outcome: ➤ Learner would appreciate the intricacy of endomembrane system. ➤ Learner would understand the interlinking of endomembrane system for functioning of cell.		
2.1	Endoplasmic reticulum ➤ Discovery, occurrence and Types ➤ Ultrastructure and Functions	3L	5hrs
2.2	Golgi complex ➤ Origin, occurrence and morphology ➤ Ultra structure and functions	3L	4hrs
2.3	Lysosomes ➤ Origin, occurrence and polymorphism ➤ Ultrastructure and Functions	3L	4hr
2.4	Mitochondria ➤ Origin, occurrence and morphology ➤ Ultrastructure and functions ➤ Marker enzymes, Mitochondrial biogenesis, Semiautonomous nature of mitochondria	6L	12hrs
	Unit 3: Biomolecules	15L	30hrs
	Objective : ➤ To give learner insight into the structure of biomolecules, and their role in sustenance of life.		

	Desired outcome: ➤ <i>The learner will realize the importance of biomolecules and their clinical significance.</i>		
3.1	Biomolecules ➤ Concept of Micromolecules and Macromolecules.	2L	5hrs
3.2	Carbohydrates ➤ Definition Classification, Properties and Isomerism, Glycosidic bond ➤ Structure of a. Monosaccharides- Glucose and Fructose b. Disaccharides - Lactose and Sucrose c. Polysaccharides - Cellulose, Starch, Glycogen and Chitin ➤ Biological role and their Clinical significance	4L	8hrs
3.3	Amino Acids and Proteins ➤ Basic structure of amino acid, classification of amino acids , Essential and Non-essential amino acids, Peptide bond ➤ Protein conformation : Primary, Secondary, Tertiary, Quaternary ➤ Types of proteins – Structural (Keratin, Collagen) and functional proteins (Hemoglobin) ➤ Biological role and their Clinical significance	5L	8hrs
3.4	Lipids ➤ Definition, classification of lipids with examples, Ester linkage ➤ Physical and Chemical properties of lipids ➤ Saturated and Unsaturated fatty acids , Essential fatty acids ➤ Triacylglycerols, Phospholipids (Lecithin and Cephalin) and Steroids (Cholesterol). ➤ Biological role and their Clinical significance	4L	5hrs
3.5	Vitamins ➤ Water soluble vitamins(e.g. Vit C, Vit B12) ➤ Lipid soluble vitamins (e.g. Vit A, Vit D) ➤ Biological role and their Clinical significance	2L	4hrs
USZO403 COURSE-10			
Comparative Embryology, Aspects of Human Reproduction, Pollution and its effect on organisms			
UNIT 1: Comparative Embryology		15L	25hrs
	Objective: ➤ <i>To acquaint the learner with key concepts of embryology.</i>		
	Desired Outcomes:		

	<ul style="list-style-type: none"> ➤ Learner will be able to understand and compare the different pre- embryonic stages ➤ Learner will be able to appreciate the functional aspects of extra embryonic membranes and classify the different types of placentae. 		
1.1	➤ Types of Eggs- Based on amount and distribution of yolk	2L	4hrs
1.2	➤ Structure and Types of Sperms	1L	1hr
1.3	➤ Types of Cleavages.- Holoblastic and Meroblastic	1L	3hrs
1.4	➤ Types of Blastulae	1L	3hrs
1.5	➤ Gastrulation	2L	4hrs
1.6	➤ Coelom -Formation and types	2L	3hrs
1.7	<ul style="list-style-type: none"> ➤ Extra embryonic membranes ➤ Types of Placentae -Based on histology, morphology and implantation 	6L	10hrs
UNIT 2: Aspects of Human Reproduction		15L	30 hrs
	Objectives: <ul style="list-style-type: none"> ➤ To acquaint the learners with different aspects of human reproduction. ➤ To make them aware of the causes of infertility, techniques to overcome infertility and the concept of birth control 		
	Desired Outcome: <ul style="list-style-type: none"> ➤ Learners will be able to understand human reproductive physiology ➤ Learners will become familiar with advances in ART and related ethical issues. 		
2.1	Human Reproductive system and Hormonal regulation <ul style="list-style-type: none"> ➤ Anatomy of human male and female reproductive system ➤ Hormonal regulation of Reproduction and Impact of age on reproduction-Menopause and Andropause 	2L	4hrs
2.2	Contraception & birth control <ul style="list-style-type: none"> ➤ Difference between contraception and birth control ➤ Natural Methods: Abstinence , Rhythm method, Temperature method, cervical mucus or Billings method, Coitus interruptus, Lactation amenorrhea ➤ Artificial methods : Barrier methods, Hormonal methods, Intrauterine contraceptives, Sterilization, Termination , Abortion 	2L	4hrs

2.3	<p>Infertility</p> <p>Female infertility</p> <ul style="list-style-type: none"> ➤ Causes - Failure to ovulate; production of infertile eggs ; damage to oviducts (oviduct scarring and PID or Pelvic inflammatory disease, TB of oviduct), Uterus (T. B. of uterus and cervix) ➤ Infertility associated disorders (Endometriosis, Polycystic Ovarian syndrome (PCOS), POF (Primary ovarian failure) STDs (Gonorrhea, Chlamydia, Syphilis and Genital Herpes); Antibodies to sperm; Genetic causes-Recurrent abortions; Role of endocrine disruptors 	4L	8hrs
	<p>Male infertility</p> <p>Causes : Testicular failure, infections of epididymis, seminal vesicles or prostate, hypogonadism, cryptorchidism , congenital abnormalities ,Varicocele , Blockage, Azoospermia, Oligospermia, abnormal sperms, autoimmunity, ejaculatory disorders and Idiopathic infertility.</p>		
2.5	<p>Treatment of Infertility</p> <ul style="list-style-type: none"> ➤ Removal /reduction of causative environmental factors ➤ Surgical treatment ➤ Hormonal treatment- Fertility drugs ➤ Assisted Reproductive Technology ➤ Sperm banks, cryopreservation of gametes and embryos ➤ Surrogacy 	4L	8hrs
2.6	<p>Techniques and Ethical considerations of ART</p> <ul style="list-style-type: none"> ➤ In vitro fertilization, Embryo transfer (ET), Intra-fallopian transfer (IFT), Intrauterine transfer (IUT), Gamete intra-fallopian transfer (GIFT), intra-zygote transfer (ZIFT), Intracytoplasmic sperm injection (ICSI) with ejaculated sperm and sperm retrieved from testicular biopsies – Testicular sperm extraction (TESE), Pronuclear stage transfer (PROST). 	3L	6hrs
	<p>UNIT3: Pollution and its effect on organisms</p>	15L	27hrs
	<p>Objective:</p> <ul style="list-style-type: none"> ➤ <i>To provide a panoramic view of impact of human activities leading to pollution and its implications.</i> 		
	<p>Desired Outcome :</p> <ul style="list-style-type: none"> ➤ <i>The learners will be sensitized about the adverse effects of pollution and measures to control it.</i> 		

3.1	Air Pollution ➤ Types and sources of air pollutants ➤ Effects and control measures	3L	6hrs
3.2	Water Pollution ➤ Types and sources of water pollutants ➤ Effects and control measures	3L	6hrs
3.3	Soil Pollution ➤ Types and sources of soil pollutants ➤ Effects and control measures	3L	4hrs
3.4	Noise pollution ➤ Different means of noise pollution ➤ Effects and control measures	1L	3hrs
3.5	Radioactive pollution	1L	2hrs
3.6	Solid waste Pollution ➤ Types and sources, ➤ Effects and control	2L	4hrs
3.7	Pollution – Climate change and Global warming	2L	2hrs

	SEMESTER IV
	Practical USZOP4 (Course VIII)
1	Study of population density by Line transect method & Quadrant method and calculate different diversity indices. a. Index of Dominance. b. Index of frequency. c. Rarity Index. d. Shannon Index. e. Index of species diversity

2	Study of Prokaryotic cells (bacteria) by Crystal violet staining technique.
3	Study of Eukaryotic cells (WBCs) from blood smear by Leishman's stain.
4	Identification and study of fossils a. Arthropods : Trilobite b. Mollusca: Ammonite c. Aves : Archaeopteryx
5	Identification of a) Allopatric speciation (Cyprinodon species) b) Sympatric speciation.(hawthorn fly and apple maggot fly) c) Parapatric speciation. (Snail)
6	Bibliography/ Abstract writing.
7	Preparation of Power point presentation
Practical USZOP4 (Course IX)	
1	Study of permeability of cell through plasma membrane (Osmosis in blood cells).
2	Measurement of cell diameter by oculometer (by using permanent slide)
3	Qualitative tests for carbohydrates (Molisch's test, Benedicts test, Barfoed's test, Anthrone test)
4	Qualitative tests for protein (Ninhydrin test, Biuret test, Millon's test, Xanthoproteic test)
5	Qualitative test for lipids (solubility test, Sudan III test)
6	Study of rancidity of lipid by titrimetric method.
7	Ultra structure of cell organelles – (Electron micrographs) a. Nucleus b. Endoplasmic reticulum (Smooth and rough) c. Mitochondria. d. Golgi apparatus e. Lysosomes
8	Study of clinical disorders due to carbohydrates, proteins and lipids imbalance.(photograph to be provided / significance to given and disorder to be identified) a. Hyperglycemia , Hypoglycemia. b. Thalessemia, Kwashiorkar c. Obesity, Atherosclerosis
Practical USZOP4 (Course X)	

1	Estimation of Dissolved oxygen from the given water sample .
2	Estimation of Salinity by refractometer from the given water sample.
3	Estimation of conductivity by conductometer from the given water sample .
4	Determination of blood pressure by sphygmomanometer.
5	Detection of Creatinine in urine.
6	Determination of blood sugar by GOD and POD method
7	Study of bleeding time and clotting time.
8	Study of the following permanent slides, museum specimens and materials. a. Mammalian sperm and ovum. b. Egg types –Fish eggs, Frog eggs , Hen's egg. c. Cleavage , blastula and gastrula (Amphioxus, Frog and Bird).
9	Study of commercially important fishery (Catla, Rohu, Catfish, Mackerel, Pomfret, Bombay duck, Prawn/ Shrimp, Crab, Lobster, Edible oyster)
10	Review writing based on programmes telecast by Doordarshan, Discovery channel, Gyandarshan, UGC programmes, Animal planet
11	Study of natural ecosystem and field report of the visit

Note -The practicals may be conducted by using specimens authorised by the wildlife and such other regulating authorities though it is strongly recommended that the same should be taught by using photographs/audio-visual aids/ simulations / models, etc. as recommended by the UGC and as envisaged in the regulations of the relevant monitoring bodies. No new specimens, however, shall be procured for the purpose of conducting practicals mentioned here-in-above.

#There shall be at least one excursion/field trip

Semester IV

REFERENCE AND ADDITIONAL READING

COURSE-VIII (USZO401)

1. Theory of Evolution- Smith, Cambridge Press, and Low price Ed.
2. Evolution - Strickberger, CBS publication
3. Evolution- P.S.Verma and Agarwal
4. Introduction to Evolution by Moody
5. Biology. E. P. Solomon, L. R. Berg, D. W. Martin, Thompson Brooks/Cole

6. Biology -The Unity and Diversity of Life. C. Starr, R. Taggart, C. Evers, L. Starr, Brooks/Cole Cengage learning International Edition
7. Research Methodology, Methods and Techniques- by C.R. Kothari, Wiley Eastern Ltd. Mumbai
8. Practical research planning and design 2nd edition- Paul D Leedy, Macmillan Publication

COURSE-IX (USZO402)

1. Cell Biology by Singh and Tomoar Rastogi Publication..
2. Cell and molecular Biology E.D.P De Robertis and E.M.R Robertis ,CBS Publishers and Distributors
3. The cell A molecular Approach Goeffrey M.Coper ASM Press Washington D.C.
4. A textbook of cytology Suruchi Tyagi Dominant Publishers and Distributors New Delhi.
5. Cell and molecular biology Gupta P.K , Rastogi Publication, India.
6. Cell Biology Pawar C.B. Himalaya publication
7. Molecular Biology of the cell (6th ed) by the Insertus
8. Campbell Biology (9th Ed.)
9. Principles of Biochemistry, 2005, 2nd and 3rd edn. Lehninger A.L. Nelson D.L. and Cox M.M ,
10. Biochemistry, Dushyant Kumar Shurma, 2010, Narosa Publishing house PVT.Ltd.
11. Fundamentals of Biochemistry, Dr AC Deb, 1983, New Central Book Agency Ltd.
12. A Textbook of Biochemistry, 9th edition , Dr. Rama Rao A.V.S.S and Dr A Suryalakshmi.
13. Biochemistry-G Zubay , Addison Wesley, 1983
14. Biochemistry, L Stryer, 3rd/4th/5th ed, 1989 , Freeman and Co. NY
15. Harper's Biochemistry,1996, 26th edition, Murray R.K. Granner D.K. Mayes P.A. Rodwell V.M. Hall international USA
16. Outline of Biochemistry, 1976, E.E. Conn and P.K. Stumpf. John Wiley and Sons USA

COURSE-X (USZO403)

1. Developmental Biology- 5th Edition, Scot F. Gilbert, Sinauer Associates Inc.
2. Developmental Biology- Subramoniam T., Narosa Publishers.
3. Developmental Biology- Berril N.J., Tata Mc Graw –Hill Publication.
4. Essential Reproduction-Martin H. Johnson, Wiley-Blackwell Publication.
5. Chick Embryology- Bradley M. Pattern.
6. Embryology- Mohan P. Arora.
7. Chordate Embryology- Dalela, Verma and Tyagi

8. Human Anatomy and Physiology. E. L. Marieb, Pearson Education Low Price Edition
9. Biological Science. Taylor, Green and Stout. Cambridge Publication
10. Biology. E. P. Solomon, L. R. Berg, D. W. Martin, Thompson Brooks/Cole
11. Human Biology-Daniel D Chiras Jones and Bartlett
12. The Physiology of Reproduction Vol I & II - E.K. Nobil and JU. D.Neil, Raven Press, New York.
12. Air Pollution, Kudesia V.P. Pragati Prakasan, Meerut
13. Fundamentals of Air Pollution Daniel A. Vallero, Academic press 5th Edition
14. Principles and Practices of Air Pollution Control and Analysis J.R. Mudakani I K International Pub. House Pvt. Ltd.
15. Text Book of Air Pollution and its Control, S.C.Bhatia Atlantic
16. Water Pollution, Kudesia V.P., Pragati Prakasan, Meerut
17. A text book of Environmental Chemistry and Pollution Control, S.S.Dogra, Swastic Pub, New Delhi
18. Practical Methods for water and Air Pollution Monitoring, S.K.Bhargava, New Age International
19. Hand Book of Water and waste water Analysis, Kanwaljit Kaur, Atlantic
20. Aquatic Pollution by Edward A. Laws
21. Environmental Science and Technology, Stanely E.Manahan
22. Environmental Chemistry, A.K. De, New Age International
23. A Text Book of Environmental Studies, Gurdeep R.Chatwal, Harish Sharma, Madhu Arora, Himalaya

SCHEME OF EXAMINATION (THEORY)

- (a) Internal assessment of twenty five (25) marks per course per semester should be conducted according to the guidelines given by University of Mumbai vide circular number UG/04 of 2014 Dated 5th June 2014 to be implemented from academic year 2015-16.
- (b) External assessment of seventy five (75) marks per course per semester should be conducted as per the following skeleton question paper pattern.
- (c) One practical examination of fifty (50) marks per course each should be conducted at the end of every semester.

SKELETON- EXAMINATION PATTERN FOR THE ABOVE SYLLABUS

All Questions are compulsory
Figures to the right indicate full marks

Time: 2.5 hours

Total marks: 75

Q.1.	UNIT 1 Answer any four out of eight (5 marks each)	20 marks
Q.2.	UNIT 2 a. Answer any one of the two (10 marks) b. Answer any two out of the four (5 marks each)	20 marks
Q.3.	UNIT 3 Answer any two out of four (10 marks each)	20 marks
Q.4.	a. Unit 1 - (One note of five marks OR objective type questions) b. Unit 2 - (One note of five marks OR objective type questions) c. Unit 3- (One note of five marks OR objective type questions)	15 marks

*For Question 4 it is recommended to have objective questions such as –

- | | |
|-----------------------|--------------------------------|
| (a) Match the column | (b) MCQ |
| (c) Give one word for | (d) True and False |
| (e) Define the term | (f) Answer in one sentence etc |

MODEL QUESTION BANK SEMESTER IV

USZO401(COURSE VIII)

Question bank is suggestive. The paper setters are free to modify the questions or include new questions to the best of their perception

Unit 1: (10 Marks)

1. Write explanatory notes on;
 1. Lamarckism. 2. Darwinism and Neo Darwinism.
 3. Mutation Theory 4. Modern Synthetic theory. 5. Weismans germplasm theory
2. Neutral theory of molecular evolution. (Some of them can be asked as short notes as well)
3. Discuss evidences in favor of organic evolution by giving examples of geographical distribution.
4. Discuss evidences in favor of organic evolution by giving examples of genetics, and molecular biology.
5. Discuss evidences in favor of organic evolution by giving examples of physiology and biochemistry.
6. Discuss brief account of Origin of eukaryotic cell.

Unit 1: (5 Marks)

1. Describe chemical evolution with Miller-Urey experiment.
2. Describe chemical evolution with Haldane and Oparin theory.
3. Write short notes on: 1. Mutation Theory 2. Modern Synthetic theory

Unit 2: (10 Marks)

2. Define the term 'population genetics'. Describe in brief the various evolutionary forces that tend to disturb genetic equilibrium and introduce changes in the gene pool of a population.
3. State Hardy Weinberg's law of equilibrium and discuss its salient features.
4. Give an account of the different factors involved in speciation.
5. Describe the different types of speciation.
6. Explain the role of geographic isolation in the development of new species.
7. Explain the role of reproductive isolation in the development of new species.
8. Discuss the pre-zygotic barriers responsible for reproductive isolation.
9. Discuss the post-zygotic barriers which lead to reproductive isolation.
10. Describe the sources of genetic variation in natural populations.
11. Explain the nature and extent of genetic variation within populations.
12. Describe the mechanisms that preserve balanced polymorphisms.
13. Describe the salient features of microevolution.
14. Compare and contrast microevolution and macroevolution.
15. Explain the salient features of macroevolution.
16. Give an account of the different patterns of macroevolution.
17. Elaborate on the role of adaptive radiation and extinction in macroevolution.
18. What do you understand by the term natural selection? Describe the different types of natural selection with suitable examples.

19. What is megaevolution? Explain the mechanism of megaevolution using a suitable example.

Unit 2: (5 Marks)

1. Explain the term 'gene pool'. How does evolution operate via the gene pools of populations?
2. Differentiate between:
 - i. Allopatric and Sympatric speciation
 - ii. Biological and evolutionary species
 - iii. Microevolution and macroevolution
 - iv. Stabilizing selection and disruptive selection
 - v. Convergent and divergent evolution
3. Explain stabilizing selection with the help of a suitable example.
4. How does the example of sickle cell allele illustrate heterozygote advantage?
5. How does frequency-dependent selection affect genetic variation within a population over time?
6. Write short notes on:
 - i. Role of mutations in evolution
 - ii. Role of migration in evolution
 - iii. Non-random mating
 - iv. Role of natural selection in evolution
 - v. Genetic drift
 - vi. Bottleneck effect
 - vii. Founder effect
 - viii. Directional evolution in peppered moth
 - ix. Evolution of Antibiotic resistance in bacteria
 - x. Geographic variation
 - xi. Genetic polymorphism
 - xii. Parapatric speciation
 - xiii. Adaptive radiation
7. What is the biological species concept? What are its limitations? How does it differ from the evolutionary species concept?
8. Explain the concept of co evolution using suitable examples

Unit 3: (10 Marks)

1. Describe briefly, the steps towards preparing a research design.
2. Describe literature survey, collection of data and its analysis.
3. What is a patent and how is it obtained?
4. Write an account on application of statistics in research.

Unit 3: (5 Marks)

1. Define research. State the difference between research method and research methodology.
2. Write a note on computer application in research.
3. Describe briefly identification of research problem and formulation of research hypothesis.
4. What is abstract writing?
5. What is plagiarism?
6. What is bibliography?
7. Write a short note on ethics in animal research.
8. Write a short note on ethics in clinical research.

MODEL QUESTION BANK SEMESTER IV

USZO402(COURSE IX)

Question bank is suggestive. The paper setters are free to modify the questions or include new questions to the best of their perception

Unit 1: (10 marks)

1. Explain prokaryotic cell
2. Explain Eukaryotic cell
3. Give an account of cell theory
4. Describe ultrastructure of nuclear membrane
5. State chemical composition and functions of nucleolus
6. Describe nucleocytoplasmic reactions
7. Explain r RNA processing
8. Describe fluid mosaic model of plasma membrane
9. Give an account of active and passive transport
10. Describe various modifications of plasma membrane
11. Explain pinocytosis, phagocytosis and secretion
12. Give an account of cell permeability
13. Differentiate prokaryotic and eukaryotic cell

Unit 1: (5 Marks)

1. Virus
2. Nuclear matrix
3. Number and position of nucleus
4. Molecular organization of chromatin

5. Unit membrane concept
6. Nucleolus
7. Membrane receptors
8. Sandwich model
9. Cell coat
10. Cell recognition

Unit 2: (10 Marks)

1. Describe Ultrastructure of Endoplasmic Reticulum
2. Describe types of Endoplasmic Reticulum and add a note on their functions
3. Give an account of Ultrastructure and functions of Golgi complex
4. Explain Ultrastructure and morphology of lysosomes
5. Comment on Semiautonomous nature of mitochondria
6. Describe ultrastructure and function of mitochondria
7. Explain protein import in mitochondria
8. Explain ultrastructure of microtubules
9. Describe chemical composition and functions of microfilaments
10. Give an account of biochemical composition and functions of microtubules.

Unit 2: (5 Marks)

1. Occurrence of Endoplasmic Reticulum
2. Significance of Endoplasmic Reticulum
3. Occurrence and morphology of golgi complex
4. Polymorphism in lysosomes
5. Significance of lysosomes
6. Occurrence and morphology of lysosomes
7. Marker enzymes in mitochondria
8. Significance of mitochondria
9. Location and significance of microfilaments
10. Significance of microtubules.

Unit 3 : (10 Marks)

1. Discuss the chemical behavior of carbon and a note on variety of functional groups of biomolecules.
2. Explain the concept of micromolecules and macromolecules.
3. Describe the structure of water. Add a note on physic-chemical properties of water.
4. Define carbohydrate. Add a note on its classification.

5. What are carbohydrates? Explain the classification of carbohydrate with suitable examples.
6. Define and explain the classification of carbohydrates.
7. Explain with suitable example monosaccharide and disaccharide.
8. Discuss the properties of carbohydrates.
9. What are disaccharides? Draw the structures of maltose and sucrose.
10. What are polysaccharides? How are they classified. Write the structures of glycogen and heparin/ chitin and heparin.
11. Discuss about chemical structure of the monosaccharides/ disaccharides
12. What are amino acids? Discuss classification of amino acids based on R group.
13. Give an account of primary and secondary structure of proteins.
14. Write an account on tertiary and quaternary structure of proteins.
15. Describe the structure of saturated and unsaturated fatty acids.
16. Define essential fatty acids. Add a note on it.
17. Define lipids. Write a note on mono, di and triglycerides/ phospholipids
18. What are fatty acids? Add a note on types of fatty acids.
19. Structure and functions of water soluble vitamins
20. Structure and functions of lipid soluble vitamins

Unit 3: (5mks)

1. Write a short note on - monomers and polymers.
2. Write note on properties of carbohydrates.
3. Give an account of polysaccharides.
4. With suitable example explain glycosidic bond.
5. Explain the linkage in lactose and sucrose.
6. Give the biological importance of carbohydrates.
7. What are essential and nonessential amino acids?
8. Give an account of properties of amino acids.
9. Define and explain peptide bond with suitable example.
10. Types of proteins with suitable examples
11. Biological roles of proteins.
12. Peptide bond
13. Types of fatty acids.
14. Biological role of lipids
15. Properties of fatty acid
16. Sterol and waxes
17. Describe properties of fatty acid/lipids
18. Discuss the clinical significance of protein / carbohydrate /lipids/
19. write short note on clinical significance of lipids

20. Write a note on - isomerism in carbohydrates and amino acids?
21. Structure and functions of vitamin A/ vitamin B/ vitamin C/ vitamin D

MODEL QUESTION BANK SEMESTER IV

USZO403(COURSE X)

Question bank is suggestive. The paper setters are free to modify the questions or include new questions to the best of their perception

Unit-1: (10 Marks)

- 1) Classify the different types of eggs..
- 2) Briefly explain types and structure of sperms (any two animals).
- 3) Define cleavage Explain types of cleavages.
- 4) Give brief account on various types of blastulae.
- 5) What is gastrulation ? Explain gastrulation in frog.
- 6) Give an account of process of coelom formation and its types.
- 7) Explain various types of placentae in mammals.
- 8) Give an account of extra embryonic membranes.
- 9) Describe briefly the types of eggs on the basis of amount and distribution of yolk.
- 10) Describe the early development of mammalian egg upto gastrulation.
- 11) Give a brief note on different types of sperms.
- 12) Write a note on blastula and explain its types.
- 13) Explain the comparative process of embryo formation.

Unit-1: (5-Marks)

- 1) Draw neat labeled diagram and explain any one of the following:
(Microlecithal, Alecithal, Homolecithal, Heterolecithal, Isolecithal, Telolecithal, Centrolecithal, Discoidal).
- 2) Explain structure of sperms of frog/ reptiles/ birds/ mammals.
- 3) Short note on Holoblastic cleavage. Or Meroblastic cleavage.
- 4) Short note on equal or unequal cleavage.
- 5) Short note on Discoblastula or Coeloblastula.
- 6) Short note on centroblastula or amphiblastula or stereoblastula,
- 7) Explain the process of coelom formation in process of gastrulation.
- 8) Short notes on : Amnion /Chorion/Allantois/Yolk sac.
- 9) Explain the function of Amnion /Chorion/Allantois/Yolk sac/.
- 10) Short note on Yolk sac placenta or Synsesmochorial placenta/Discoidal placenta/Cotyledonary placenta/Hemo-chorial placenta/Zonary placenta/Diffuse placenta

- 11) Short note on Deciduous or non-deciduous placenta
- 12) Write the functions of placenta.
- 13) What are the roles of Embryonic membranes and extra embryonic membranes

Unit 2: (10 Marks)

1. Describe male reproductive system and its hormonal regulation.
2. Describe female reproductive system and its hormonal regulation.
3. Define reproduction. Explain the hormonal regulation of reproduction.
4. What is contraception? Explain different methods of contraception.
5. How is contraception different from birth control?
6. Define infertility and explain the causes of female infertility.
7. What are the causes of male infertility?
8. Explain the hormonal treatment for infertility using drugs.
9. Describe the methods of treatment of infertility.
10. Give a brief account of infertility related disorders.
11. What are sperm banks? Add a note on cryopreservation of sperms.
12. What is testicular biopsy? Explain Testicular sperm extraction (TESE), Pronuclear stage transfer (PROST).
13. What are the steps involved in Embryo transfer (ET) and / Intra-fallopian transfer (IFT)?
14. What is ART technique? Add a note on IVF (steps, success and ethical considerations).

Unit 2: (5 Marks)

1. Write a note on impact of age on reproductive stage –
 - a. Menopause
 - b. Andropause
2. What is amenorrhea?
3. What are IUD's? How do they work as barriers for fertilization?
4. How does sterilization act as a method of contraception?
5. Write a note on birth control.
6. What is the difference between natural and artificial methods of contraception?
7. How is T.B. a cause of female infertility?
8. What are the genetic causes of infertility?
9. Write a note on STD's as infertility related disorders?
10. Explain briefly:
 - a. Impotency
 - b. Surrogacy
 - c. Endometriosis
 - d. Idiopathic infertility

11. What are the roles of endocrine disruptions in infertility?
12. Explain the role of the following in infertility:
 - a. Gonorrhoea
 - b. Syphilis
 - c. Genital Herpes
 - d. Chlamydia
13. Write a note on treatment of infertility by removal of causative environmental factors.
14. Write a note on Ethical considerations of ART.

Unit 3: (10 Marks)

1. What are the causes, effects and control measures for air pollution?
2. What are the causes, effects and control measures for water pollution?
3. What are the causes, effects and control measures for soil pollution?
4. What are the causes, effects and control measures for noise pollution?
5. Define air pollution and give an account of hazardous air pollutants.
6. Explain the causes of nutrient pollution and its control measures.
7. What is ocean littering? Explain in details the causes and control measures for ocean littering?
8. Describe the alteration of metabolism of micro-organisms due to soil pollution.
9. Explain noise pollution along with its measurement and permissible limits.
10. Give a brief account of methods to control gaseous / particulate matters.
11. What is pollution? Add notes on:
 - a. Effect of air pollution on vegetation.
 - b. Effect of noise pollution on animals.
12. How can the people be made aware of pollution and its effects?

Unit 3: (5 Marks)

1. Explain the effects of air pollution on human beings.
2. What are different types of pollutants that cause air pollution?
3. Write short notes on:
 - a. Ozone depletion
 - b. Green house gases
 - c. Global warming
 - d. Acid rain
 - e. Sonic boom
 - f. Acoustic zoning
4. Explain the effect of thermal pollution on biodiversity.
5. Write a note on solar radiation.

6. Write a note on ionizing radiation
7. How are heavy metals responsible for nutrient pollution? Cite some examples of effects of heavy metal pollution on human health.
8. How is oil spills a cause of water pollution / ocean littering?
9. How do pesticides and fertilizers contaminate water?
10. How can oil be retracted back from sea / ocean?
11. What are the effects of soil pollution on food chain?
12. How are POP's and ordinary salts responsible for nutrient pollution?
13. What are the auditory / non – auditory effects of noise pollution.
14. Why is the necessity to save drinking water?

PRACTICAL
USZOP4 (Course VIII)
Skeleton -Practical Examination Question Paper Pattern

Time: 2 hrs

Marks: 50

Major Question

12 marks

- Q1. Study Population density by Line transect or Quadrant method and calculate biodiversity indices (any 2)

Minor Question

08 marks

- Q2. Prepare a smear to show prokaryotic cell.

OR

- Q2. Prepare a smear to show eukaryotic cell.

- Q3. Identify and describe as per instructions

08 marks

- a. Fossils
- b. Speciation

- Q4. From the given article prepare the bibliography/ abstract

06 marks

- Q5. Power point presentation

06 marks

- Q6. Viva and Journal

10 marks

**PRACTICAL
USZOP4 (Course IX)
Skeleton -Practical Examination Question Paper Pattern**

Time: 2 hrs

Marks: 50

Major Question

15 marks

Q1. Study of permeability of cell through plasma membrane (Osmosis in blood cells).

OR

Q1. Measurement of cell diameter by oculometer (by using permanent slide)

Minor Question

10 marks

Q2. Qualitative tests for carbohydrates (Molisch's test, Benedicts test, Barfoed's test, Anthrone test)

OR

Q2. Qualitative tests for proteins (Ninhydrin test, Biuret test, Millon's test, Xanthoproteic test)

OR

Q2. Qualitative test for lipids (Solubility test, Sudan III test)

OR

Q2. Study of rancidity of lipids by titrimetric method

Q3. Identify and describe as per instructions

15 marks

1. Ultra structure of cell organelles (a, b & c)
2. Clinical disorders (d & e)

Q4. Viva

05 marks

Q5. Journal

05 marks

**PRACTICAL
USZOP4 (Course X)
Skeleton -Practical Examination Question Paper Pattern**

Time: 2 hrs

Marks: 50

Major Question

12 marks

Q1. Estimation of Dissolved oxygen from the given water sample

OR

Q1. Detection of Creatinine in urine

OR

Q1. Determination of blood sugar by GOD and POD method

Minor Question

08 marks

Q2. Estimation of Salinity by refractometer from the given water sample

OR

Q2. Estimation of conductivity by conductometer from the given water sample

OR

Q2. Determination of blood pressure by using sphygmomanometer

OR

Q2. Study of bleeding time and clotting time

Q3. Identify and describe as per instructions

15 marks

1. Permanent slides (a &b)

2. Fishery (c ,d & e)

Q4. Field Report and viva based on it.

10 marks

Q5. Journal

05 marks

UNIVERSITY OF MUMBAI



Syllabus for F.Y.B.Sc.
Program BSc
Course: **ZOOLOGY**

Semester I and II

(Credit Based Semester and Grading System
with effect from the academic year 2015–2016)

Syllabus Committee Members

Dr. Anil S. Singh	-	Convenor
Dr. Manisha Kulkarni	-	Co-convenor
Dr. Jyotsna Mahale	-	Co-convenor
Dr. Meenakshi Sundaresan	-	Co-convenor
Prof. Lata Sardesai	-	Co-convenor
Prof. P.C. Mathew	-	Co-convenor
Dr. Dilip Kakavipure	-	Co-convenor
Dr. V.M. Patole	-	Co-convenor
Dr. Kantilal H. Nagare	-	Co-convenor
Prof. Shanta Janyani	-	Co-convenor
Dr. S. Rangoonwala	-	Co-convenor
Dr. Minakshi Gurav	-	Member (Teacher)
Dr. Shirley B. Agwuocha	-	Member (Teacher)
Dr. Vishakha Shingala	-	Member (Teacher)
Dr. Gayathri N.	-	Member (Teacher)
Dr. Ansariya Rana	-	Member (Teacher)
Dr. Aditya S. Akerkar	-	Member (Teacher)
Dr. Shashikala Prajapati	-	Member (Teacher)
Dr. R.B. Singh	-	Member (Teacher)
Prof. Nitin Wasnik	-	Member (Teacher)
Prof. Nikhil C. Disoria	-	Member (Teacher)
Ms. Purva S. Prabhu	-	Member (Student)
Ms. Sachi R. Mayekar	-	Member (Student)
Ms. Neha Vajandar	-	Member (Student)
Ms. Payal A. Shah	-	Member (Student)
Ms. Anuradha Gaikar	-	Member (Student)
Ms. Sonal S. Prabhulkar	-	Member (Student)

Syllabus for FYBSc Course – ZOOLOGY

1. Preamble
2. Pedagogy
3. Syllabus Semester I & II
4. References and Additional Reading
5. Scheme of Examination and Paper Pattern
6. Distribution of periods
7. Model Question bank

Aims

- To nurture interest in the students for the subject of Zoology
- To create awareness of the basic and modern concepts of Zoology
- To orient students about the importance of abiotic and biotic factors of environment and their conservation.
- To provide an insight to the basic nutritional and health aspects of human life.
- To inculcate good laboratory practices in students and to train them about scientific handling of important instruments.

Preamble

While presenting this new syllabus to the teachers and students of Semester I and Semester II (F.Y.B.Sc.) Zoology, I am extremely happy to state that for the first time efforts have been made to seek inputs of all the stake holders to make it more relevant.

In the first meeting of the Board of Studies an apex committee was formed to study syllabi worldwide with a view to include modern modules and plan semesters at UG and PG programs in advance to avoid overlapping and duplication of topics in various courses.

Meeting with the industry at the Indian Merchants' Chamber and with the meritorious alumni helped adding need based components. For the first time students were a part of the syllabus committee and the process became participative when the draft was finalized in an open meeting with all the Zoology teachers after having sought democratic criticism on the proposed syllabus placed on the University website for about one month.

While following the guidelines of UGC, use of animals is excluded from the practicals, substituting the same with audiovisual, ICT and simulation aids and that the syllabus is made more interesting with new, innovative topics. Providing the pedagogy as also indicating objectives and desired outcome of every topic for the teachers, and question bank for the students apart from the question paper pattern became an integral part of the syllabus, therefore.

Care is taken to provide the drafts from time to time and declare the final syllabus well in advance enabling the teachers to make preparations before commencement of the academic year and facilitating students to execute their right to know the details before admissions.

The success of this revamped syllabus will depend totally on the enthusiasm of the teachers which is very high all throughout the process and their hands will be strengthened by publishing the University text books for the first time. This curriculum of the Zoologists, for the Zoologists and by the Zoologists developed with the united efforts will take our ever progressive subject to greater heights in the years to come.

- VINAYAK DALVIE, Chairman, BOS in Zoology

**Syllabus for
FYBSc.
Course – ZOOLOGY
To be implemented from Academic year 2015-16
SEMESTER - I**

COURSE CODE	UNIT	TOPICS	CREDITS	LECTURES/WEEK
USZO101	I	Wonders of animal world	2	1
	II	Biodiversity and its conservation		1
	III	Footsteps to follow		1
USZO102	I	Laboratory safety and Units of Measurement	2	1
	II	Animal Biotechnology		1
	III	Instrumentation		1
USZOP1	Practical based on both courses		2	6

SEMESTER - II

COURSE CODE	UNIT	TOPICS	CREDITS	LECTURES/WEEK
USZO201	I	Population Ecology	2	1
	II	Ecosystem		1
	III	National park and Sanctuaries		1
USZO202	I	Nutrition and Health	2	1
	II	Public health and Hygiene		1
	III	Common human Diseases		1
USZOP2	Practical based on both courses		2	6

SYLLABUS F.Y.B.Sc. ZOOLOGY
UNIT WISE DISTRIBUTION

Semester I		Semester II	
Course 1	Course 2	Course 3	Course 4
Unit 1 Wonders of animal world	Unit 1 Laboratory Safety and Units of Measurement	Unit 1 Population Ecology	Unit 1 Nutrition and Health
Unit 2 Biodiversity and its Conservation	Unit 2 Animal Biotechnology	Unit 2 Ecosystem	Unit 2 Public Health and Hygiene
Unit 3 Footsteps to follow	Unit 3 Instrumentation	Unit 3 National Parks and Sanctuaries	Unit 3 Common Human Diseases
Practical (USZO P1)	Practical (USZO P1)	Practical (USZO P2)	Practical (USZO P2)

PEDAGOGY

F.Y.B.Sc. Syllabus

First year B.Sc. course is the entry point for the students to undergraduate classes which acts like a guiding force for them to make up their mind in selecting a subject they would wish to pursue their studies in future for carving their career in a particular field.

The syllabus committee in the subject of Zoology for F.Y.B.Sc. Class has designed this syllabus with a view that it is most appropriate time when we transform our traditional closed classroom teaching learning practices to more of field and activity based studies, the correct methodology for the study of Natural Sciences. It is recommended to orient the students about ecosystem, bio-diversity, wildlife conservation and management with the help of models, photographs, movies, documentaries, charts and use of ICT and then take learners to field to have realistic experiences. This will enable them to get true insight about endurance of animal life in relation to human activity inducing sentiment of love, care and protection in the young mind and heart leading to understand importance of co-existence and conservation of bio-diversity. An interaction with the officials of wildlife protection force should be allowed to get basic knowledge about the relevant acts through lectures which for creating awareness about these issues and also to make best use of the knowledge in their own interest as well as for the country. Instrumentation and Animal Biotechnology component would initiate academia- industry interface and should be edified in collaboration with expertise from relevant research institutes and industrial establishments and entrepreneurs by inviting them as guest speakers or through industrial visits, excursions for practical experience about the principle, working and application of the instruments for commercial use. Population ecology need to be explained in the context with census to enlighten pupils about the effect of diversity and dynamism of human population on socio economic status of India. Experts from the field of nutrition and health can be invited to enlighten learners on the topics of nutritional value of food, balanced diet, ill-effects of eating junk food and aerated drinks. Medical professionals, relevant NGO's maybe engaged to educate students regarding myth, precautionary measures, immunization drives of common diseases, ill-effects of self-medication and stress, significance of BMI through series of programmes. During medical emergencies it is of immense importance to provide first aid assistance to the diseased within the golden period i.e. of few minutes. This enhances the possibility to save life, thus it is strongly recommended to form a consortium of colleges to conduct training in rotation of first aid techniques for teachers and students both with the help of organizations like Red Cross Society, Health Department of Civic Bodies, Civil Defence Department and Local Self Government etc.

Dr. Anil S. Singh
Convenor

F.Y.B.Sc. ZOOLOGY

(THEORY)

SEMESTER I

USZO101 (Course 1)

Wonders of Animal World, Biodiversity and its Conservation

Unit 1: Wonders of Animal World

(15 L)

***Objective:** To take learners through a captivating journey of hoarded wealth of marvellous animal world.*

***Desired Outcome:** Curiosity will be ignited in the mind of learners, to know more about the fascinating world of animals which would enhance their interest and love for the subject of Zoology.*

- 1.1: Echolocation in Bats and Cetaceans - Dolphins and Whales
- 1.2: Mechanism of Pearl formation in Mollusca
- 1.3: Bioluminescence in Animals: Noctiluca, Glow worm, Firefly, Angler Fish (Mechanism and use for the animal)
- 1.4: Regeneration in Animals - Earthworm (Annelida) and Lizard (Reptile)
- 1.5: Mimicry in Butterflies and its significance: Great Eggfly and Common Crow, Common Palmfly and Plain Tiger.
- 1.6: Mechanism of Coral formation and types of Coral reefs
- 1.7: Bird migration: Definition, types and factors inducing bird migration
- 1.8: Adaptive features of desert animals: Reptiles (Phrynosoma) and Mammals (Camel)
- 1.9: Breeding and Parental care in:
 - 1.9.1: Pisces - Ovo-viviparous (Black Molly/Guppy), Mouth brooders (Tilapia), Brood pouches (Sea horse)
 - 1.9.2: Amphibia - Mouth brooders (Darwin's Frog), Egg carriers (Midwife Toad)

1.9.3: Mammals - Egg-laying (Duck-billed Platypus), Marsupials (Kangaroo)

1.10: Aves: Brood Parasitism (Cuckoo)

Unit 2: Biodiversity and its Conservation

(15 L)

Objective: To orient learners about rich heritage of Biodiversity of India and make them understand significance of its conservation.

Desired Outcome: Learners would appreciate treasure of Biodiversity, its importance and hence would contribute their best for its conservation.

2.1: Introduction to Biodiversity - Definition, Concepts, Scope and Significance

2.2: Levels of Biodiversity - Introduction to Genetic, Species and Ecosystem Biodiversity

2.3: Introduction of Biodiversity Hotspots- (Western Ghats and Indo-Burma Border)

2.4: Values of biodiversity - Direct and Indirect use value

2.5: Threats to Biodiversity - Habitat loss and Man-Wildlife conflict

2.6: Biodiversity conservation and management

2.6.1: Conservation strategies: *in situ*, ex-situ, National parks, Sanctuaries and Biosphere reserves.

2.6.2: Introduction to International efforts : Convention on Biological Diversity (CBD), International Union for Conservation of Nature and Natural Resources (IUCN), United Nations Environment Program - World Conservation Monitoring Centre (UNEP-WCMC)

2.6.3: National Biodiversity Action Plan, 2002

2.6.4: Introduction to Indian Wildlife (Protection) Act, 1972 and Convention for International Trade of endangered species

Unit 3: Footsteps to follow (15 L)

Objective: To teach learners about innovative and novel work of scientists/philosopher/entrepreneurs in the field of biological sciences.

Desired Outcome: Minds of learners would be impulsed to think differently and would be encouraged ipso facto to their original crude ideas from the field of biological sciences.

- 3.1: Dr. Hargobind Khorana (Genetic code)
- 3.2: Dr. Varghese Kurien (Amul –White revolution)
- 3.3: Dr. Salim Ali (Ornithologist)
- 3.4: Anna Hazare (Water Conservation-Ralegan Siddhi)
- 3.5: Baba Amte (Anandvan)
- 3.6: Kiran Mazumdar Shaw (Biocon)
- 3.7: Gadre Fisheries (Surimi)

Two cases preferably of local importance to the college be additionally taught.

USZO102 (Course 2)

INSTRUMENTATION and ANIMAL BIOTECHNOLOGY

Unit 1: Laboratory safety, Units and Measurement (15 L)

Objective: To make learners aware of risks involved in handling of different hazardous chemicals, sensitive (electrical/electronic) instruments and infectious biological specimens especially during practical sessions in the laboratory and to train them to avoid mishap.

Desired Outcome: Learners would work safely in the laboratory and avoid occurrence of accidents (mishaps) which will boost their scholastic performance and economy in use of materials/chemicals during practical sessions.

1.1: Introduction to good laboratory practices

1.2: Use of safety symbols: meaning, types of hazards and precautions

1.3: Units of measurement:

1.3.1: Calculations and related conversions of each: Metric system- length (meter to micrometer); weight (gram to microgram), Volumetric (Cubic measures)

1.3.2: Temperature: Celsius, Fahrenheit, Kelvin

1.3.3: Concentrations: Percent solutions, ppt, ppm, ppb dilutions, Normality, Molarity and Molality.

1.3.4: Biostatistics: Introduction and scope, Sampling and its types, Central Tendencies (mean, median, mode) Tabulation, Graphical representations (Histograms, bar diagrams, pie diagrams).

Unit 2: Animal Biotechnology

(15 L)

***Objective:** To acquaint learners to the modern developments and concepts of Zoology highlighting their applications aiming for the benefit of human being.*

***Desired Outcome:** Learners would understand recent advances in the subject and their applications for the betterment of mankind; and that the young minds would be tuned to think out of the box.*

2.1: Biotechnology: Scope and achievements of Biotechnology (Fishery, Animal Husbandry, Medical, Industrial)

2.2: Transgenesis: Retro viral method, Nuclear transplantation method, DNA microinjection method and Embryonic stem cell method

2.3: Cloning (Dolly)

2.4: Ethical issues of transgenic and cloned animals

2.5: Applications of Biotechnology:

2.5.1: DNA fingerprinting: Technique in brief and its application in forensic science (Crime Investigation)

2.5.2: Recombinant DNA in medicines (recombinant insulin)

2.5.3: Gene therapy: Ex-vivo and *In vivo*, Severe Combined Immunodeficiency (SCID), Cystic Fibrosis

2.5.4: Green genes: Green Fluorescent Protein (GFP) from Jelly fish-
valuable as reporter genes used to detect food poisoning.

Unit 3: Instrumentation

(15 L)

Objective: To provide all learners a complete insight about the structure and train them with operational skills of different instruments required in Zoology.

Desired Outcome: Students will be skilled to select and operate suitable instruments for the studies of different components of Zoology of this course and also of higher classes including research.

3.1: Microscopy

3.1.1: Construction, principle and applications of dissecting and compound microscope.

3.2: Colorimetry and Spectroscopy - Principle and applications.

3.3: pH - Sorenson's pH scale, pH meter - principle and applications.

3.3: Centrifuge - Principle and applications (clinical and ultra centrifuges).

3.4: Chromatography - Principle and applications (Partition and Adsorption)

3.5: Electrophoresis - Principle and applications (AGE and PAGE)

SEMESTER I
Practical USZOP1 (Course I)

1. Mounting of foraminiferan shells from sand (any 3)
2. Study of types of Corals - Brain, Organ pipe, Stag Horn, Mushroom coral Study of
3. Study of the following;
 - a. Symbiosis (Termite and Trychonympha, hermit crab and sea anemone)
 - b. Camouflage (leaf insect, chameleon)
 - c. Cannibalistic mate-eating animals (Spider and Praying Mantis)
 - d. Animal architects: Termites, Harvester ant and Baya weaver bird
 - e. Study of bioluminescent organisms – Noctiluca, glow worm, fire fly, angler fish.
4. Breeding and parental care in Amphibia- *Rhacophorus*, Midwife toad, Darwin's frog, Caecilian.
5. Mounting of scales of fish (placoid, cycloid and ctenoid)
- 6
 - a) Study of Adaptive radiation in Reptiles - Turtle, Tortoise, *Phrynosoma*, *Draco*)
 - b) Identification and differentiation of venomous and non-venomous snakes (Scales, Fangs, Bite marks, etc.)
7. Study of Types of feathers(contour, filoplume, down), beaks(Nectar feeding , Insect catching, Fruit eating, Scavenging, Filter feeding), claws (perching, wading, swimming, hopping) in birds
- 8 a. Identification of birds - Coppersmith Barbet, Bulbul, Rose ringed Parakeet, Magpie Robin, two local birds.
- b. Field Report – To be done in a group of ten students (submission of written / typed report preferably along with photographs/ tables/ graphs.

Other Suggested topics for field observation/survey:

- Butterflies/ Fishes/ Migratory birds of local area.
 - Variations in Human like Attached vs. Free Earlobes, Blood Groups, Eye colour, etc. using statistical method.
9. Observations of fauna in the field (with reference to theory syllabus).

***Note - The practicals may be conducted by using specimens authorised by the wild such other regulating authorities though it is strongly recommended that the same should be taught by using photographs/audio-visual aids/ simulations / models, etc. as recommended by the UGC and as envisaged in the regulations of the relevant monitoring bodies. If specimens, however, shall be procured for the purpose of conducting practicals mentioned here-in-above.**

#There shall be at least one excursion/field trip

SEMESTER I

Practical USZOP1 (Course II)

- Interpretation of safety symbols (toxic, corrosive, explosive, flammable, skin irritant, oxidizing, compressed gases, aspiration hazards and Biohazardous infectious material.)
- b) Study of Central tendencies and plotting of Bar diagram, histogram and pie diagram.
 2. Identification of transgenic fish (Trout and Salmon) / cloned animals (Dolly sheep, cc cat and Snuppy dog) from photograph.
 3. Extraction of fruit juice with pectinase from apple/guava/or any other suitable fruit
 4. Calculation of pH of three different samples (one each acidic, alkaline and neutral) using pH paper/Universal Indicator and confirming the result with pH meter.
Application of DNA Fingerprinting in criminology (photograph of electrophoretic pattern to be given for interpretation by the students)
 5. a) Study of parts of microscope and their functions.
b) Technique of focussing a permanent slide under 10x and 45x (objectives).
 6. a) Dilution of given sample and estimation of OD by using colorimeter.
b) Calculation of concentration from the given OD using formula.
 7. Calculation of pH of three different samples (one each acidic, alkaline and neutral) using pH paper/universal indicator/pH indicator from red cabbage and confirming the result with pH meter.
a) Separation of amino acids from the mixture by paper chromatography.
 8. b) Calculation of R_f value of separated pigments/amino acids from given chromatogram and their identification from standard chart.
 9. a) Separation of pigments by adsorption chromatography using chalk.
b) Separation of lipids by TLC,

***Note - The practicals may be conducted by using specimens authorised by the wildlife and such other regulating authorities though it is strongly recommended that the same should be taught by using photographs/audio-visual aids/ simulations / models, etc. as recommended by the UGC and as envisaged in the regulations of the relevant monitoring bodies. No new specimens, however, shall be procured for the purpose of conducting practicals mentioned here-in-above.**

Course I (USZO101)

REFERENCES AND ADDITIONAL READING

1. Wonders of the Animal World - University Text Book of Zoology, F.Y.B.Sc. Semester I Course 1. V.V. Dalvie, G.B. Raje, P. Sardesai, N.S. Prabhu, University Press.
2. Vertebrate Zoology Volume I- Jordan and Verma , S. Chand and Co.
3. Invertebrate Zoology Volume II- Jordan and Verma , S. Chand and Co.
4. Invertebrate Zoology- T. C. Majumuria , S. Nagin and Co.
5. Chordate Zoology- P. S. Dhami and J. K. Dhami , R. Chand and Co.
6. Invertebrate Zoology- P. S. Dhami and J. K. Dhami , R. Chand and Co.
7. Introduction to Vertebrates- Moore Cambridge University- Low Priced Edition
8. Zoology- S. A. Miller and J. B. Harley, Tata McGraw Hill
9. Modern Textbook of Zoology, Invertebrates, R. L. Kotpal
10. Fundamentals of Ecology- E. P. Odum , Sanders Publication
11. Fundamentals of Ecology- M.C.Dash-2nd edition, Tata McGraw Hill
12. Essentials of Ecology and Environmental Science - S.V.S Rana
13. Biodiversity- S.V.S Rana- Prentice Hall Publications
14. Modern Biology- V. B. Rastogi
15. Biology of Mollusca- D. R. Khanna
16. A Textbook of Zoology, Vol. II- T. Jeffery Parker and William. A. Haswell- Low Price Publications
17. Ecology and Environment- P. D. Sharma, R. K. Rastogi Publications
18. Introduction to Ecology- R. Dajoz
19. Wildlife Laws and its Impact on Tribes- Mona Purohit , Deep and Deep Publications
20. Biodiversity- K.C.Agarwal- Agro Botanica Publications
21. Butterflies of India – Isaac Kehimkar- BNHS Publication

Course II (USZO102)

REFERENCES AND ADDITIONAL READINGS

1. Basic Laboratory Techniques, Instrumentation and Biotechnology- University Text Book of Zoology, F.Y.B.Sc. Semester I Course 2. V.V. Dalvie, R. G. Deshmukh, R. D'souza and H.U. Shingadia University Press.
2. Introduction to Practical Biochemistry – David T. Plummer (Tata McGraw Hill Publishing Co. Ltd.)
3. Introductory Practical Biochemistry – S.K. Sawhney and Randhir Singh (Narosa Publishing House)
4. Methods in Biostatistics – B. K. Mahajan, (Jaypee Publications)
5. Microscopy and Cell Biology - V. K. Sharma, (Tata McGraw Hill Publishing Co. Ltd.)
6. Bioinstrumentation – L. Veerakumari, (M.J.P. Publishers)
7. Principles and Techniques of Practical Biochemistry – Keith Wilson and John Walker, (Cambridge University Press)
8. Biotechnology- Thieman and Pallidino, Pearson edu.
9. Biotechnology –Glick and Pasternak
10. Biochemistry –Satyanarayana
11. Understanding biotechnology- Aluizio Borem ,David Bowe-Low price edition –Pearson Publication
12. A Textbook of Biotechnology – R. C. Dubey, S. Chand Publication.
13. A Manual of Medical Laboratory Technology -A. H. Patel, Navneet Prakashan Ltd.
14. Biological instruments and methodology – Dr. P. K. Bajpai, S. Chand company Ltd.
15. Calculations in Molecular biology and Biotechnology - Frank H. Stephenson, Academic Press.

SCHEME OF EXAMINATION (THEORY)

- (a) Internal assessment of twenty five (25) marks per course per semester should be conducted according to the guidelines given by University of Mumbai vide circular number UG/04 of 2014 Dated 5th June 2014 to be implemented from academic year 2014-15.
- (b) External assessment of seventy five (75) marks per course per semester should be conducted as per the following skeleton question paper pattern.
- (c) One practical examination of fifty (50) marks per course each should be conducted at the end of every semester.

SKELETON- EXAMINATION PATTERN FOR THE ABOVE SYLLABUS

All Questions are compulsory

Figures to the right indicate full marks

Time: 2.5 hours

Total marks: 75

Q.1.	UNIT 1 Answer any four out of eight (5 marks each)	20 marks
Q.2.	UNIT 2 a. Answer any one of the two (10 marks) b. Answer any two out of the four (5 marks each)	20 marks
Q.3.	UNIT 3 Answer any two out of four (10 marks each)	20 marks
Q.4.	a. Unit 1 - (One note of five marks OR objective type questions) b. Unit 2 - (One note of five marks OR objective type questions) c. Unit 3- (One note of five marks OR objective type questions)	15 marks

*For Question 4 it is recommended to have objective questions such as –

- (a) Match the column
- (b) MCQ
- (c) Give one word for
- (d) True and False
- (e) Define the term
- (f) Answer in one sentence etc.

MODEL QUESTION BANK SEMESTER I
USZO101(COURSE I)

Question bank is suggestive and not exhaustive. The paper setters are free to modify the questions or include new questions to the best of their wisdom

UNIT 1 - (05 Marks)

1. Write a note on echolocation in Dolphins/ Whales
2. Write a short note on : Pearl formation in Mollusca
3. Describe : Mechanism of bioluminescence
4. Enumerate the uses of bioluminescence
5. Describe the uses of bioluminescence for..... (Noctiluca, Glow worm, Firefly, Angler fish, etc.)
6. Write a short note on : Luciferin – Luciferase interaction
7. Describe the process of regeneration in Earthworm
8. What is regeneration? Explain the term with an example
9. What is mimicry? Explain with an example.
10. Describe: mimicry in butterfly
11. Describe briefly the formation of Corals
12. Write a short note on types of coral reefs.
13. Describe needs of migration in birds.
14. Describe briefly, the factors inducing migration in birds.
15. How does Camel adapt itself to the desert environment?
16. Describe parental care and breeding in (Examples of Pisces, Amphibia)
17. Describe briefly: Brood parasite
18. Explain parental care in Duck-billed Platypus

UNIT 2 - (05 Marks/10 Marks)

Questions that could be asked for 10 marks:

1. Explain biodiversity and its importance. What is a biodiversity hotspot? Explain Western Ghats as biodiversity hotspot in India.
2. Explain: Direct use value / Indirect use value
3. Explain biodiversity and its types.
4. Enumerate and explain threats to biodiversity.
5. State the factors which amount to habitat loss.
6. Explain the concept of Man-Wildlife conflict with an example.
7. Give a detailed account on *in situ* hybridization and ex-situ hybridization

8. Describe National Park and state its importance in conservation
9. Describe Sanctuary and state its importance in conservation
10. Give a brief account on biosphere reserve.
11. Give a detailed account on: CBD (Convention on Biological Diversity).
12. Give an account of national biodiversity plan 2002.
13. Describe important clauses of Convention for International Trade of endangered species.

Questions that could be asked for 05 marks:

1. Explain biodiversity and mention its types.
2. Explain biodiversity and give two importance
3. Explain biodiversity hotspot
4. Describe *in situ* conservation strategies.
5. Write note on ex-situ conservation strategies.
6. Give an account of genetic / species / ecosystem biodiversity.
7. Enumerate importance threat to biodiversity.
8. State direct and indirect use value of biodiversity.

UNIT 3 - (10 Marks)

1. Give a detailed account on:(Name of the eminent personality) For e.g.: Gadre Fisheries, Kiran Mazumdar Shaw, Baba Amte etc.
2. Describe in detail -(Name of the case study)
For e.g.: Amul white revolution, Biocon, Genetic code etc.
3. Give a detailed account on the contribution made by Dr.Salim Ali in the field of Ornithology.
4. What is white revolution? State contribution of Dr. Verghese Kurian for it.
5. Describe the work of water conservation of Anna Hazare.

MODEL QUESTION BANK SEMESTER I USZO102 (COURSE II)

Question bank is suggestive and not exhaustive. The paper setters are free to modify the questions or include new questions to the best of their wisdom

UNIT I: (5 marks)

- Describe in brief (Minimum five points)
 - Good laboratory practices
 - Chemical hazards in a laboratory
 - Physical hazards in a laboratory
 - Biological hazards in a laboratory
 - Personal hygiene in laboratory
 - Waste disposal
- Define and give conversions of the three scales of measuring temperature.
- Define Molarity. How would you prepare
 - 1 litre of 0.1 M NaOH solution? (Mol.wt. of NaOH=40)
 - 100 ml of 1M NaOH
 - 500 ml of 0.2 M NaOH
- Define Normality. How would you prepare 1 litre of 2 N NaOH solution?
- Explain briefly the measures of central tendencies?
- Define mean, median and mode and explain each with an example.
- The observations of length (in cm) of 10 fishes are 22, 24, 34, 26, 28, 31, 20, 25, 36, 32. Calculate the arithmetic mean of fish length (in cm).
- Calculate the arithmetic mean for the following data on fish length by Direct method.

Class interval (length in cm)	5-15	15-25	25-35	35-45	45-55
Frequency (no. of fish)	9	21	40	22	8

9. Calculate the arithmetic mean for the above data on fish length by shortcut method.
10. How do you find the median of the data and state the significance of median?
11. What is mode? How do you calculate mode for ungrouped and grouped data?
12. What is random sampling? State the significance.
13. Explain simple, subdivided and multiple bar diagrams.
14. What is a pie diagram? Write the formula for calculating the angles of degrees for different components.
15. The following data shows the areas in million square miles of the oceans of the world. Construct a pie diagram for the data.

Ocean	Pacific	Atlantic	Indian	Antarctic	Arctic	Total
Area (million sq. miles)	70.8	41.2	28.5	7.6	4.8	152.9

Plot a histogram/Bar diagram? Explain how it is constructed.

UNIT 2: (5 marks)

1. Give applications of Biotechnology in the field of Medicine / Fishery / Animal Husbandry.
2. Give the Scope of Biotechnology in different areas as a diagrammatic sketch
3. What is SCID? Name the scientist who discovered the gene therapy for it.
4. In SCID which enzyme does not work properly?
5. Which cells are used for SCID gene therapy?
6. Which gene is defective in SCID?
7. Define transgenesis and mention any two transgenic animals.
8. Ethical issues of transgenesis.
9. Enlist five applications of DNA finger printing.
10. What are green genes? State one application of it.

(10 marks)

1. Describe SCID and its treatment with suitable diagram.
2. Explain various methods of transgenesis.
3. What is Cystic fibrosis? Explain its diagnostic biotechnological method.
4. Define transgenesis and explain retro viral method with its application.

UNIT 3: (10 marks)

1. Describe the components of a compound microscope giving function.

2. Explain the principle and the applications of compound microscope.
3. Discuss in detail the principle, construction and applications of dissecting microscope.
4. Write the principle and applications of
 - a. Colorimeter
 - b. Centrifuge
 - c. Spectroscopy
 - d. Compound microscope
 - e. Dissecting microscope
5. Explain the principle of centrifugation and add a note on its application.
6. What is pH? Give the principle and applications of pH meter.
7. Describe paper chromatography as a separation technique.
8. Describe Agarose gel electrophoresis. Add a note on its applications.
9. Explain the principle and applications of Polyacrylamide gel electrophoresis.
10. With the help of a diagram, explain the parts of a colorimeter. Discuss the principle and uses.
11. Describe principle and uses of colorimeter.
12. Explain the principle and application of adsorption chromatography.

PRACTICALS

USZOP1 (Course I)

Skeleton -Practical Examination Question Paper Pattern

Time: 2 hrs

Marks: 50

Q.1. From the given sample mount foraminiferan shells (Minimum three types) (15 Marks)

OR

Mounting of scales (placoid and cycloid/ctenoid) from fishes.

Q.2. Identify the photograph of the given animals and comment on the type of interaction /speciality. (symbiosis, camouflage, cannibalistic mate eating animals and animal architects,bioluminescence). Any two (10 Marks)

Q.3. Identify giving reasons - Venomous/Non-venomous snake (from photographs). (5 Marks)

Q.4. Identification (one specimen each) (10 Marks)

- a. Types of corals
- b. Amphibians-breeding and parental care
- c. Adaptive radiation in reptiles
- d. Types of feathers/ claws in birds
- e. Types of beaks in birds

Q.5. Field study report (Biodiversity) and viva on it. (10 Marks)

Semester I
USZOP1 (Course II)
Skeleton -Practical Examination Question Paper Pattern

Time: 2 hrs

Marks: 50

- Q. 1 Dilute the given sample and estimate the OD using colorimeter (Three dilutions) (15marks)
OR
Calculate concentration from given OD by formula (3 concentrations)
OR
Find pH of water samples (three) and comment on their chemical nature.
OR
Using red cabbage pH indicator, determine pH of the given samples and comment on their chemical nature
OR
Extract fruit juice using pectinase and compare the result with a set without using pectinase.
- Q. 2. Perform experiment for separation of pigments by adsorption chromatography. (10Marks)
OR
Perform experiment for separation of mixture of amino acids by paper chromatography
OR
Calculate R_f value and identify the pigment from chromatogram.
OR
Perform Thin Layer Chromatography (TLC) for separation of lipids
- Q. 3. Focus the given slide under 10 X and 45 X and show it to examiner. (5 Marks)
OR
Prepare a frequency distribution table / Plot histogram / Pie diagram / Bar diagram from the given data.
- Q. 4. Identification (10 Marks)
(Safety Symbols (two), parts of compound microscope, transgenic animals, DNA fingerprinting)
- Q. 5. Journal and Viva voce(on practical component) (10 Marks)

SEMESTER-II

USZO201 (Course: 3)

Ecology and Wildlife Management

Unit 1: Population ecology:

(15 L)

Objective: To facilitate the learning of population ecology, its dynamics and regulatory factors important for its sustenance.

Desired Outcome: This unit would allow learners to study about nature of animal population, specific factors affecting its growth and its impact on the population of other life form.

1.1: Population dynamics

1.1.1: Population density

1.1.2: Natality

1.1.3: Mortality

1.1.4: Fecundity

1.1.5: Age structure

1.1.6: Sex ratio

1.1.7: Life tables

1.1.8: Survivorship curves

1.1.9: Population dispersal and distribution patterns

1.1.10 Niche concept

1.2: Population growth regulation

1.2.1: Intrinsic mechanism – Density dependent fluctuations and oscillations

1.2.2: Extrinsic mechanism- Density independent, environmental and climate factors, population interactions

1.3: Population growth pattern

1.3.1: Sigmoid

1.3.2: J Shaped

1.4: Human census (India) – Concept, mechanism and significance

Unit 2: Ecosystem: (15 L)

Objective: *To impart knowledge of different components of ecosystem and educate about essentials of coexistence of human beings with all other living organisms.*

Desired Outcome: *Learners will grasp the concept of interdependence and interaction of physical, chemical and biological factors in the environment and will lead to better understanding about implications of loss of fauna specifically on human being, erupting spur of desire for conservation of all flora and fauna.*

2.1: Concept of Ecosystems

2.1.1: Ecosystem - Definition and components

2.1.2: Impact of temperature on biota

2.1.3: Biogeochemical cycles (Water, Oxygen, Nitrogen, Sulphur)

2.1.4: Fresh water ecosystem – Lentic and Lotic

2.1.5: Food chain and food web in ecosystem (Fresh water and Grass land).

2.1.6: Ecological pyramids - energy, biomass and number.

2.1.7: Animal interactions (commensalism, mutualism, predation, antibiosis, parasitism)

Unit 3: National parks and Sanctuaries of India (15 L)

Objective: *To enlighten learners about the current status of wild life conservation in India in the light of guidelines from different relevant governing agencies vis-à-vis with adversity of poaching and biopiracy.*

Desired Outcome: *Learners would be inspired to choose career options in the field of wild life conservation, research, photography and ecotourism.*

3.1: Concept of Endangered and Critically Endangered species using examples of Indian Wildlife with respect to National Parks and Wildlife

Sanctuaries of India (Sanjay Gandhi National Park, Tadoba Tiger Reserve, Corbett National Park, Kaziranga National Park, Gir National Park, Silent Valley, Pirotan Island Marine Park, Keoladeo Ghana National Park, Bandipur Sanctuary)

3.2: Management strategies with special reference to Tiger and Rhinoceros in India

3.3: Ecotourism

3.4: Biopiracy

SEMESTER-II

Course: 4 [USZO 202]

NUTRITION, PUBLIC HEALTH AND HYGIENE

Unit 1: Nutrition and Health

(15 L)

Objective: To make learners understand the importance of balanced diet and essential nutrients of food at different stages of life.

Desired Outcome: Healthy dietary habits would be inculcated in the life style of learners in order to prevent risk of developing health hazards in younger generation due to faulty eating habits.

- 1.1: Concept of balanced diet, dietary recommendations to a normal adult, infant, pregnant woman and aged.
- 1.2: Malnutrition disorders – Anemia (B₁₂ and Iron deficiency), Rickets, Marasmus, Goiter, Kwashiorkar (cause, symptoms, precaution and remedy).
- 1.3: Constipation, piles, starvation, acidity, flatulence, peptic ulcers (cause, symptoms, precaution and remedy).
- 1.4: Obesity (Definition and consequences).
- 1.5: Importance of fibres in food.
- 1.6: Significance of breast feeding.
- 1.7: Swine flu and Dengue (cause, symptoms, precaution and remedy).
- 1.8: BMI calculation and its significance.

Unit 2: Public Health and Hygiene

(15 L)

Objective: To impart knowledge about source, quantum and need for conservation of fast depleting water resource and essentials of maintaining proper sanitation, hygiene and optimizing use of electronic gadgets.

Desired Outcome: Promoting optimum conservation of water, encouragement for maintaining adequate personal hygiene, optimum use of electronic gadgets, avoiding addiction, thus facilitating achievement of the goal of healthy young India in true sense.

2.1: Health

2.1.1: Definition of Health, the need for health education and health goal.

2.1.2: Physical, psychological and Social health issues.

2.1.3: WHO and its programmes - Polio, Small pox, Malaria and Leprosy (concept, brief accounts and outcome with respect to India).

2.1.4: Ill effects of self-medication.

2.2: Water and water supply

2.2.1: Sources and properties of water.

2.2.2: Purification of water, small scale, medium scale and large scale (rapid sand filters)

2.2.3 : Water footprint (concept, brief accounts and significance).

2.3: Hygiene:

2.3.1: Hygiene and health factors at home, personal hygiene, oral hygiene and sex hygiene.

2.4: Radiation risk:

2.4.1: Mobile Cell tower and electronic gadgets (data of recommended level, effects and precaution).

2.5: First Aid:

2.5.1: Dog bite and its treatment.

2.6: Blood bank – Concept and significance

UNIT 3: Common Human Diseases and Disorders (15 L)

Objective: To educate learners about causes, symptoms and impact of stress related disorders and infectious diseases.

Desired Outcome: Learners will be able to promptly recognize stress related problems at initial stages and would be able to adopt relevant solutions which would lead to psychologically strong mind set promoting positive attitude important for academics and would be able to acquire knowledge of cause, symptoms and precautions of infectious diseases.

3.1: Stress related disorders

3.1.1: Hypertension, Diabetes type II, anxiety, insomnia, migraine, depression (cause, symptoms, precaution and remedy)

3.2: Communicable and non-communicable diseases

3.2.1: Tuberculosis and Typhoid

3.2.2: Hepatitis (A and B), AIDS, Gonorrhoea and Syphilis

3.2.3: Diseases of respiratory system- Asthma, Bronchitis.

3.2.4: Oral Cancer

(Discuss cause/causative agents, symptoms, diagnostics, precaution /prevention and remedy)

SEMESTER II

Practical USZOP2 (Course III)

1. Interpretation of the given graphs/ tables and comment on pattern of population nature :
 - i. Survivorship curve
 - ii. Life tables
 - iii. Fecundity tables
 - iv. Age structure
 - v. Sex ratio
2. a) Calculation of Natality, Mortality, Population density from given data
b) Estimation of population density by capture recapture method
3. Interpretation of Growth curves (Sigmoid and J shaped)
4. Estimation of hardness from given water sample (tap water v/s well water)
5. Estimation of Free carbon dioxide (Free CO₂) from two different samples- aerated drinks(diluted) v/s tap water
6. Identification and interpretation of aquatic and terrestrial (Grassland) food chains and food webs
7. Construction of food chain/food web using given information/data.
8. a) Identification and interpretation of ecological pyramids of energy, biomass and number
b) Construction of different types of pyramid from given data.
9. Study of the following:
 - a) Endangered (Great Indian Bustard, Asiatic lion, Blackbuck, Olive Ridley sea turtle) and critically endangered species (Slender-billed vulture, Gharial, Malabar civet) of Indian wildlife and state reasons for their decline
 - b) Study Biodiversity hotspots using world map (Western Ghats and Indo-Burma)
Study of sanctuaries, national parks, biosphere reserves in India with respect to its brand fauna (as listed in theory)

***Note - The practicals may be conducted by using specimens authorised by the wildlife and such other regulating authorities though it is strongly recommended that the same should be taught by using photographs/audio-visual aids/ simulations / models, etc. as recommended by the UGC and as envisaged in the regulations of the relevant monitoring bodies. No new specimens, however, shall be procured for the purpose of conducting practicals mentioned here-in-above.**

#There shall be at least one excursion/field trip

SEMESTER II
Practical USZOP2 (Course IV)

1. Qualitative estimation of Vitamin C by Iodometric method.
2. Study of microscopic structure of starch granules of different cereals (wheat, maize and jowar).
 3. a) Estimation of maltose from brown/white bread.
 - b) Moisture content from biscuits or other suitable food products.
4. Food adulteration Test:
 - a) Milk adulterants (starch and glucose), methylene blue reduction Test (MBRT).
 - b) Adulterants in Cheese, Butter, Jaggery, Ghee, Honey, Iodised Salt.
5.
 - a) Estimation of protein content of two egg varieties.
 - b) Study of efficacy of different antacids (any two antacids).
6. .Study of Human Parasites

Endoparasites - Protozoans (*Entamoeba*, *Plasmodium*),
Helminths (*Ascaris*, *Wuchereria*),
Ectoparasites (Head louse, tick) and Exoparasites (Bed bug, Mosquito).
7. Screening of anaemic/non-anaemic persons using CuSO_4 method.
8. First Aid – Demonstration Practical Training for teachers and students to be conducted by the experts from Redcorss, Civil defence, Civic authorities by individual institute or cluster colleges in rotation.
9. BMI analysis - Measurement of Height/ Weight and calculation of BMI using formula, preparation and submission of report. (10 students/ group-50 readings/group)

***Note - The practicals may be conducted by using specimens authorised by the wildlife and such other regulating authorities though it is strongly recommended that the same should be taught by using photographs/audio-visual aids/ simulations / models, etc. as recommended by the UGC and as envisaged in the regulations of the relevant monitoring bodies. No new specimens, however, shall be procured for the purpose of conducting practicals mentioned here-in-above.**

Semester II USZOP2 (Course III)

Skeleton -Practical Examination Question Paper Pattern

Time: 2 hrs

Marks: 50

Q.1. Estimate Hardness from given water samples and compare the results. (15 Marks)

OR

Estimate Free CO₂ from given samples and compare the results.

Q.2. Solve the given problems (using statistical approach wherever possible) based on (Any two) (10Marks)

Natality
Mortality
Sex Ratio
Fecundity
Population density

Q.3. Identify brand animals (Min. 4) and place them in their respective National parks/ Sanctuaries on the given map quoting reasons for their decline. (5 Marks)

OR

Mark National parks and Sanctuaries on the map of India and mention the name of their brand animals stating reason for their decline. (Min. 4)

(5 Marks)

OR

Identify endangered and critically endangered animals (photographs) one each and state their reason of decline (5 Marks)

Q.4. Study the given information and give answers on the basis of food chain/food web and ecological pyramids. (10 Marks)

OR

Prepare food chain/food web and ecological pyramid from the given data and give its significance. (10 Marks)

OR

Identify and interpret the given graph/growth curve/age structure and comment on the pattern of population dispersal. (10 Marks)

OR

Determine Population density by capture and recapture method. (10 Marks)

Q.5. Journal and Viva voce (Based on practical component) (10 Marks)

Semester II USZOP2 (Course IV)

Skeleton -Practical Examination Question Paper Pattern

Time: 2 hrs

Marks: 50

- Q.1. Estimate Vitamin C from given sample. (15 Marks)
OR
Estimate Maltose content from bread.
OR
Estimate protein content from two different types of eggs.
- Q.2. Analyse the given food sample and identify food adulterants (any 2 samples). (10 Marks)
OR
Evaluate milk quality by Methylene Blue Reduction Test (MBRT).
OR
Determine efficacy of different antacids (any two) on acidic solution.
- Q.3. Determine moisture content from biscuits/ any other suitable food product. (5 Marks)
OR
On the basis of microscopic structure of starch granules identify different cereals (any two).
OR
Detect adulterants present in the given milk sample (any two).
OR
Determine whether given blood sample is from anaemic/non-anaemic person using CuSO_4
Method and suggest the appropriate diet.
- Q.4. Identification (10 Marks)
- One specimen of Protozoan Parasites.
 - One specimen of Helminth Parasites.
 - One specimen from Ectoparasite
 - One specimen from Exoparasite
 - One specimen from Endoparasite
- Q.5. Submission of report of Body Mass Index (viva based on it) (10 Marks)

Note: There shall be at least one excursion/field trip.

USZO201 (Course III)

REFERENCES AND ADDITIONAL READING

1. Introduction to Ecology and Wildlife - University Text Book of Zoology, F.Y.B.Sc. Semester II Course 3. University Press.
2. Fundamentals of Ecology - Eugene P. Odum and Grey W. Barrett, Brook Cole/ Cengage learning
3. Fundamentals of Ecology - M. C. Dash , Tata McGraw Hill company Ltd, New Delhi
4. Ecology - Mohan P. Arora , Himalaya Publishing House
5. Field Biology and Ecology -- Alen H. Benton and William E. Werner ,Tata McGraw Hill ltd, New Delhi
6. Ecology and Environment - Sharma P. D , Rastogi Publication, Mumbai
7. Ecology : Principles and Applications - Chapman J.L , Cambridge University trust
8. Ecology - Subramaniam and Others, Narosa Publishing House
9. Wildlife laws and its impact on tribes - Mona Purohit, Deep and deep Publication
10. Biology - Eldra Solomon, Linda R. Berg and Diana W. Martin, Thomson/ Brooks/ Cole
11. Economic Zoology, Biostats and Animal Behaviour - Shukla, Mathur, Upadhyay, Prasad. Rastogi Publications.

USZO202 (Course IV)

REFERENCES AND ADDITIONAL READING

1. Common Diseases, Health and Hygiene - University Text Book of Zoology, F.Y.B.Sc. Semester II Course 4. University Press.
2. Common Medical Symptoms edited - P. J. Mehta National Inblisents and Distributions
3. Parks Textbook of Preventive and Social Medicine K. Park M/S Banarasidas Bhanot Jabalpar.
4. Human Physiology – Volume I – II C. C. Chatterjee, Medical Allied agency, Kolkatta.
5. Parasitology (Protozoology and Helminthology) - K. D. Chatterjee, Chatterjee Medial Publishers.

6. Nand's handbook of Forensic Medicine and Toxicology - Apurba Nandy, NCBA publication.
7. Essentials of Public Health and Sanitation- Part I and Part II. All India Institute of Local Self Government.
8. Epidemiology and Management for Health Care for all. P.V. Sathe, A. P. Sathe, Popular Prakashan, Mumbai.
9. Textbook of Medical Parasitology- C. K. JayaramPaniker. Jaypee Brothers.
10. A Treatise on Hygiene and Public Health. -B. N. Ghosh. Calcutta Scientific Publishing Company.
11. Prevention of Food Adulteration, Act 1954. Asian Law House.
12. Clinical Dietetics and Nutrition - F. P. Antia and Philip, Oxford University Press.
13. A Complete Handbook of Nature Cure - Dr. H. K. Bakru, Jaico Publishing House.
14. Dietetics - B. Srilakshmi, New Age International (P) Ltd. Publishers.
15. Nutrition: Principles and Application in Health Promotion - J. B. Lippincott Company. Philadelphia.
16. Are You Healing Yourself Mr. Executive - Dr. R. H. Dastur. IBH Publishing Company.
17. Food Nutrition and Health- Dr. Shashi Goyal, Pooja Gupta, S. Chand Publications.
18. Public Health Nutrition. Edited - Michael J. Gidney, Barrie M. Margetts, John M. Kearney and Lenore Arab. Willey Blackwell Publication.
19. Food and Nutrition – Vol. I and II - Dr. Swaminathan , Bappco Publication.
20. Textbook of Human Nutrition - Mahtab Bamji, Prahlad Rao.
21. Total Health by Paramjit Rana.

SCHEME OF EXAMINATION THEORY

- (a) Internal assessment of twenty five (25) marks per course per semester should be conducted as class test according to the guidelines given by University of Mumbai vide circular number UG/04 of 2014 Dated 5th June 2014 to be implemented from academic year 2014-15.
- (b) External assessment of seventy five (75) marks per course per semester should be conducted as per the following skeleton paper pattern.
- (c) One practical examination of fifty (50) marks per course each should be conducted at the end of every semester.

SKELETON- EXAMINATION PATTERN FOR THE ABOVE SYLLABUS

All Questions are compulsory

Figures to the right indicate full marks

Time: 2.5 hours

Total marks: 75

Q.1.	UNIT 1 Answer any four out of eight (5 marks each)	20 marks
Q.2.	UNIT 2 a. Answer any one of the two (10 marks) b. Answer any two out of the four (5 marks each)	20 marks
Q.3.	UNIT 3 Answer any two out of four (10 marks each)	20 marks
Q.4.	a. Unit 1 - (One note of five marks OR objective type questions) b. Unit 2 - (One note of five marks OR objective type questions) c. Unit 3- (One note of five marks OR objective type questions)	15 marks

*For Question 4 it is recommended to have objective questions such as –

- (a) Match the column
- (b) MCQ
- (c) Give one word for
- (d) True and False
- (e) Define the term
- (f) Answer in one sentence etc.

MODEL QUESTION BANK
SEMESTER II
USZO203 (COURSE III)

Question bank is suggestive and not exhaustive. The paper setters are free to modify the questions or include new questions to the best of their wisdom

UNIT 1: (10 marks)

Describe with suitable Example

1. J-Shaped and Sigmoid growth patterns
2. Population dispersal and distribution patterns
3. Natality and Mortality
4. Natality and Fecundity
5. Fecundity and Mortality
6. Density dependant fluctuation and oscillations
7. Population interactions
8. Age structure and population density
9. Concept of niche and its significance in population ecology.

Write notes on / Give a brief account of: (5 marks)

1. Population density
2. Natality
3. Mortality
4. Fecundity
5. Age structure
6. Sex ratio
7. Survivorship curve
8. Sigmoid growth pattern
9. J-shaped growth curve
10. Intrinsic mechanism
11. Extrinsic mechanism
12. Niche
13. Population dispersal and distribution pattern

UNIT 2: (5 marks)

1. Effect of temperature on metabolism

16. Impact of temperature on reproduction
17. Effect of temperature on animal behaviour
18. Define ecosystem and describe any two abiotic factors
19. Define ecosystem and describe any two biotic factors
20. Explain producers / autotrophs
21. Give a brief account of various levels of consumers in an ecosystem
22. Describe in short the inter-relationship between biotic and abiotic factors
23. Describe the following (any one of the cycles can be asked) water cycle, nitrogen cycle and oxygen cycle, sulphur cycle.
24. Explain any one of the following - lake or river
25. Explain food chain from terrestrial or aquatic ecosystem
26. What is food web and explain the same with a suitable example
27. Give a brief account of: Energy pyramid, Pyramid of biomass, Pyramid of numbers.

Unit 3: (10 marks question)

1. State the differences between National park and Wildlife Sanctuary?
2. Write an account of critically endangered species of Indian wildlife with at least two examples.
3. Explain briefly management strategy of any one tiger project in India.
4. Briefly explain management strategy of Rhinoceros project in India.
5. Write in detail about Indian Wildlife (Protection) Act 1972.
6. What is biopiracy? Explain with suitable examples.
7. Write a note on flora and fauna of Sanjay Gandhi national park.
8. Write an account of Tadoba tiger reserve project.
9. Give an account of biodiversity of Jim Corbett national park.
10. Write a note on Ranthambore Tiger reserve.
11. Write in details about Gir Lion project.
12. Write a note on Keoladeo Ghana National park.
13. Write an account of biodiversity of Silent valley.
14. Describe in detail about Bandipur sanctuary.
15. Write a note on ecotourism in India with few examples.

MODEL QUESTION BANK (COURSE IV) SEMESTER II

Question bank is suggestive and not exhaustive. The paper setters are free to modify the questions or include new questions to the best of their wisdom

Unit I (5 marks)

Explain the following:

1. Concept of balanced diet and dietary recommendations of any one of the following:
a) Normal adult b) Infant c) Pregnant woman d) Aged
2. Cause and symptoms of the following: a) Anemia b) B₁₂ deficiency c) Vitamin D deficiency d) Marasmus e) Kwashiorkor f) Goiter, g) Swine flu, h) Dengue
3. Precautions and remedy for all above mentioned health conditions.
4. Significance of breast feeding.
5. Importance of fibres in food.
6. Food adulterants and toxins with two side effects of each.
7. Causes, symptoms, precautions and treatment of a) Constipation, b) Piles, c) Insomnia, d) Starvation, e) Flatulence, f) Peptic ulcer, g) Obesity
8. BMI and its significance.

Unit II (5/10 marks)

Question of 5 marks:

1. Give a brief account and outcome of WHO Programs:
a) Polio b) Smallpox c) Malaria d) Leprosy
2. a) Explain the concept of health goal and health knowledge.
b) Enlist different needs of health education.
c) State five points of social health issues.

Question of 10 marks:

1. Describe sources and properties of water in relation to human consumption.

2. Describe methods of purification of water – small scale, medium scale and large scale.
3. Explain the concept of water footprint and give its significance.
4. Describe disposal of human and animal waste – STP and ETP, its functioning and significance.
5. Give a brief of risk of radiation from mobile cell towers and electronic gadgets.
6. Explain the concepts of physical health, psychological health and myth related to it.
7. Describe the term hygiene and explain in brief health factors related to it at home.
8. Explain personal hygiene, oral hygiene and sex hygiene with significance of each.
9. Describe ill effects of self medication with respect to antibiotics and steroids.
10. Give brief account of first aid symbols.

Unit III (10 marks)

1. Explain causes, symptoms, precautions and remedy
 - a) Hypertension
 - b) Diabetes Type II
 - c) Anxiety and Insomnia
 - d) Migraine and depression
2. Explain causes, symptoms, precautions and remedy
 - a) Tuberculosis
 - b) Common flu
 - c) Dengue
 - d) Malaria
 - e) Typhoid
 - f) Hepatitis A
 - g) Hepatitis B
 - h) AIDS

UNIVERSITY OF MUMBAI

No. UG/ 39 of 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Commerce & Management Faculty is invited to this office Circular No. UG/21 of 2016-17, dated 30th June, 2016 relating to syllabus of Bachelor of Management Studies (B.M.S.) degree course.

Their attention is also invited to University Circular No. UG/109 of 2016-17 dated 25th October, 2016 for F.Y.B.M.S. (Sem. I & II) and University Circular No. UG/261 of 2017-18 dated 23rd October, 2017 for S.Y. B.M.S. (Sem. III & IV) respectively.

They are hereby informed that the recommendations made by the Board of Studies in Business Management at its meeting held on 28th February, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 vide item No. 4.44 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.M.S. (Sem. V & VI), has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032

27th July, 2018

To

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Commerce & Management Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.44/05/05/2018


No. UG/ 39 -A of 2018

MUMBAI-400 032

27th July, 2018

Copy forwarded with Compliments for information to:-

- 1) The De Dean, Faculty of Commerce & Management,
- 2) The Director, Board of Examinations and Evaluation,
- 3) The Director, Board of Students Development,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 5) The Co-Ordinator, University Computerization Centre,


(Dr. Dinesh Kamble)
I/c REGISTRAR

University of Mumbai



**Revised Syllabus
and
Question Paper Pattern
of Courses
of
Bachelor of Management Studies
(BMS) Programme at
Third Year
Semester V and VI
Under Choice Based Credit, Grading and
Semester System**

*(To be implemented from Academic Year- 2018-2019)
Board of Studies-in-Business Management, University of Mumbai*

Bachelor of Management Studies (BMS) Programme

Under Choice Based Credit, Grading and Semester System

TYBMS

(To be implemented from Academic Year- 2018-2019)

No. of Courses	Semester V	Credits	No. of Courses	Semester VI	Credits
1	Elective Courses (EC)		1	Elective Courses (EC)	
1,2,3 & 4	*Any four courses from the following list of the courses	12	1,2,3 & 4	**Any four courses from the following list of the courses	12
2	Core Course (CC)		2	Core Course (CC)	
5	Logistics & Supply Chain Management	04	5	Operation Research	04
3	Ability Enhancement Course (AEC)		3	Ability Enhancement Course (AEC)	
6	Corporate Communication & Public Relations	04	6	Project Work	04
Total Credits		20	Total Credits		20

✓ **Note:** Project work is considered as a special course involving application of knowledge in solving/analysing/exploring a real life situation/ difficult problem. Project work would be of 04 credits. A project work may be undertaken in any area of Elective Courses/ study area selected

*List of group of Elective Courses(EC) for Semester V (Any Four)		** List of group of Elective Courses(EC) for Semester VI (Any Four)	
Group A: Finance Electives			
1	Investment Analysis & Portfolio Management	1	International Finance
2	Commodity & Derivatives Market	2	Innovative Financial Services
3	Wealth Management	3	Project Management
4	Financial Accounting	4	Strategic Financial Management
5	Risk Management	5	Financing Rural Development
6	Direct Taxes	6	Indirect Taxes
Group B: Marketing Electives			
1	Services Marketing	1	Brand Management
2	E-Commerce & Digital Marketing	2	Retail Management
3	Sales & Distribution Management	3	International Marketing
4	Customer Relationship Management	4	Media Planning & Management
5	Industrial Marketing	5	Sports Marketing
6	Strategic Marketing Management	6	Marketing of Non Profit Organisation
Group C: Human Resource Electives			
1	Finance for HR Professionals & Compensation Management	1	HRM in Global Perspective
2	Strategic Human Resource Management & HR Policies	2	Organisational Development
3	Performance Management & Career Planning	3	HRM in Service Sector Management
4	Industrial Relations	4	Workforce Diversity
5	Talent & Competency Management	5	Human Resource Accounting & Audit
6	Stress Management	6	Indian Ethos in Management
Note: Group selected in Semester III will continue in Semester V & Semester VI			

J. S. M. COLLEGE, ALIBAG – RAIGAD

DEPARTMENT OF ENGLISH

Inculcation of Values and Ethics through Syllabi

Introduction:

The Department of English has been offering 6 units Degree course in English since 1961 and trying to inculcate the various values and ethics through syllabi for the betterment of students designed by the University. The ethics and values such as professional ethics, gender equality, human values, environment and sustainability are addressed at various levels through the syllabi of different courses (papers) prescribed for the different undergraduate classes. These can be summarised as follows:

❖ **F.Y.B.A. Introduction to Literature (Optional English Paper I)**

The syllabus aims at inculcating the human values like love, truth, honesty, and protection of environment, mutual understanding and the importance of Nature etc.

❖ **F.Y.B. Com. (Business Communication)**

The imparting of business ethics such as integrity at workplace, co-operation, adaptability and commitment, corporate social responsibility, maintenance of public relations is done through the syllabus of this course.

❖ **S.Y.B.A. Indian Literature in English (Optional English Paper II)**

The human values and ethics such as Gender equality, religious tolerance, egalitarianism, unity in diversity, and respect to the elders are inculcated through the syllabus of this paper.

❖ **S.Y.B.A. American Literature (Optional English Paper III)**

The human ethics and values such as environment concerns, cross-cultural values, religious ethics, socio-economic and cultural ethics, gender equality and feminine sensibility are imparted through the syllabus of this paper.

❖ **T.Y.B.A. English: 16th to 18th Century English Literature (Paper IV)**

The syllabus of this paper incorporates the human values like truth, religious tolerance, human integrity, equality, gender sensitization, pursuit of knowledge, and righteousness etc.

❖ **T.Y.B.A. English: Literary Criticism (Paper V)**

Conservation of the environment, Gender equality, liberty, equality and fraternity, love and respect for nature are the ethics to be imparted through the prescribed syllabus of this paper.

❖ **T.Y.B.A. English: 19th Century English Literature (Paper VII)**

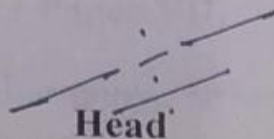
The ethics to inculcate through the syllabus of this paper are protection of the environment, Gender equality, liberty, equality and fraternity, concern for nature.

❖ **T.Y.B.A. English: 20th Century British Literature (Paper VIII)**

The ethics reflected in this syllabus are peace and harmony, universal brotherhood, religious faith, righteousness, scientific attitude etc.

❖ **T.Y.B.A. English: Drama and Theatre (Paper IX)**

Family integrity, Gender equality, environmental awareness, honesty, liberty, equality and fraternity are the ethics to be imparted through the prescribed syllabus of this paper.



Head
Department of English

Janata Shikshan Mandal's
Smt. Indirabai G. Kulkarni Arts College, J. B. Sawant Science College and
Sau. Janakibai D. Kunte Commerce College, Alibag – Raigad (Maharashtra)
(J. S. M. College Alibag Raigad)
स्नातकोत्तर हिंदी विभाग एवं शोध-केंद्र

MA HINDI- II, Crosscutting Issues

COURSE CODE- PHIN-109, 110, 111, 112.3,113.2 & 114.2

स्नातकोत्तर भाग- II का पाठ्यक्रम विश्वविद्यालय द्वारा निर्मित किया गया है। स्नातकोत्तर भाग- II सत्र- III के अंतर्गत आधुनिक गद्य प्रश्न पत्र- IX के अंतर्गत प्रेमचंद का उपन्यास गोदान का समायोजन किया गया है। इसमें तमाम नैतिक, सामाजिक मूल्य, धार्मिक अंधविश्वास, शोषक समाज, दहेज प्रथा तथा अनमेल विवाह की समस्याओं का चित्रण किया गया है।

इकाई II में हजारी प्रसाद द्विवेदी जी का कल्पलता निबंध संग्रह में 'आम फिर बौरा गये' में पर्यावरण का वर्णन किया गया है। 'शिरीष के फूल' में ऋतुओं पर्यावरण में होने वाले बदलाओं के साथ प्राकृतिक सौन्दर्य का वर्णन किया गया है।

कथा मंजरी कहानियों में प्रेमचंद की 'कफन' कहानी में गरीबी और तंगहाली से गुजर रहे परिवार की दयनीय दशा का चित्रण किया है। जो समाज की आर्थिक विषमता ओ प्रस्तुत करती है। सहानुभूति और करुणा जैसे मानवीय मूल्यों को दर्शाती है। 'मलबे का मालिक' में सांप्रदायिक दंगों के आधार पर समाज विघटन को चित्रित किया। 'लड़कियां' कहानी में ममता कालिया ने परिवार में लड़कियों के दुय्यम स्थान को बया किया है। उदयप्रकाश 'अपराध' कहानी के अन्तर्गत झूठ, फरेब, धोकाधड़ी और तिकड़मबाजी के कारण मानवीय संबंधों में आए बिखराव और अलगाव को व्यक्त किया है।

प्रश्नपत्र X आधुनिक काव्य में संकलित 'कामायनी' महाकाव्य बौद्धिक तथा दार्शनिक आधार पर खड़ा हुआ है। इसमें मनुष्य के जीवन की वास्तविकता के माध्यम से समस्याओं का समाधान किया गया है। पुरुष और स्त्री तथा समाज के मध्य होने वाले संघर्षों तथा सभ्यता के अनेकानेक पक्षों पर गंभीरता के साथ कवि ने विचार विमर्श किया है। सामाजिक अव्यस्थाओं के कारण समाज में उत्पन्न संघर्षों को दर्शाया गया है। अविरत कामनाओं को पूर्ण करने के लिए मनुष्य द्वारा अनैतिक मार्ग की ओर बढ़ने से सामाजिक अधःपतन की ओर संकेत किया है।

प्रश्नपत्र XI विविध विमर्श एवं साहित्य में संकलित उपन्यास 'झूला नट' में मैत्रेयी पुष्पा ने स्त्री विमर्श की दृष्टि से स्त्री के प्रति मानवीय संवेदना को अभिव्यक्त किया है। गाँव की अनपढ़, साँवली साधारण-सी औरत के जीवन और मनोविज्ञान को इस उपन्यास का आधार बनाया गया है। कुरूपता के कारण पति द्वारा तिरस्कार, अपमान और उपेक्षा की यह मार उसे अन्याय से लड़ने की शक्ति प्रदान करती है और अंत में अपना अधिकार पाने में सफल होती है। स्त्री के धैर्य और जिजीविषा अभिव्यक्त हुई है। इस उपन्यास के माध्यम से लेखिकाने स्त्री को अबला की बजाय शक्ति रूप में चित्रित कर समाज की महिलाओं को पुरुष प्रधान संस्कृति के खिलाफ लड़ने के लिए प्रेरित करती है।

'अब और नहीं' इस कविता संग्रह के माध्यम से ओमप्रकाश वाल्मीकि ने दलितों के शोषणजनित आक्रोश को अभिव्यक्त किया है। अतीत के गहरे दंश और वर्तमान की विषमतापूर्ण मोहभंग करने वाली स्थितियों से पर्दा उठाया है। जातीय असमानता से उत्पन्न सामाजिक शोषण के विभिन्न पहलुओं को दर्शाते हुए मानवीय असंवेदना प्रकट की है।

हरीराम मीणा ने 'धूणी तपे तीर' उपन्यास में राजस्थान के आदिवासियों के अंग्रेजों द्वारा किए गए नरसंहार के इतिहास को बयान करता है। यह उपन्यास आदिवासियों की लोक संस्कृति को उद्घाटित करता है। आदिवासियों की जीवन और दशा में नैतिक उत्थान के लिए गोविंद गुरु ने किए महत्वपूर्ण कार्य को चित्रित किया है।

प्रश्नपत्र 12.3 मराठी संतों का हिन्दी काव्य में संत नामदेव और संत तुकाराम के हिन्दी पदों के माध्यम से उनके धार्मिक, सामाजिक योगदान और समन्वय को दर्शाया है। तत्कालीन समाज में व्याप्त अंध:विश्वास, कुप्रथाओं तथा सामाजिक और आर्थिक वैषम्य के उच्चाटन हेतु उनके कार्य पर प्रकाश डाला है।

प्रश्नपत्र 13.2 'विशेष अध्ययन- जैनेन्द्र' में संकलित उपन्यास 'त्यागपत्र' स्त्री की सामाजिक स्थिति को संवेदनशीलता के साथ दिखाता है। सामाजिक अव्यवस्था से निर्माण परिस्थिति के चलते अनमेल विवाह, निराश्रित स्त्रियों का रखेल और वेश्या प्रवृत्ति को ओर झुकाव आदि सामाजिक समस्याओं की ओर ध्यान आकर्षित करता है। जैनेन्द्र कुमार द्वारा रचित उपन्यास 'मुक्तिबोध' का उद्देश्य राजनीतिक विषमताओं के कारण परिवार और समाज के असंतुलन पर प्रकाश डालते हुए समाज में सच्ची समानता स्थापित करना था।

प्रश्नपत्र 14.2 मराठी से हिंदी में 'अनूदित साहित्य का अध्ययन' में संकलित 'यह जनता अमर है' कविता संग्रह में विंदा करंदीकर ने प्रकृति प्रेम से लेकर जीवन की आस्था, आशा-निराशा, सामाजिक यथार्थ, मजदूरों की पीड़ा यथार्थ का अवलोकन कराया है। वे ग्रामीण लोक संस्कृति और प्रकृति प्रेम के यथार्थ को प्रस्तुत करते हैं।

'घासीराम कोतवाल' नाटक में विजय तेंदुलकर ने स्वतंत्रता से पहले के समय में शासकों के उत्पीड़न और क्रूरता को दिखाया है। सत्ता की नशा, धोखाधड़ी, पदलोलुपता, हाशिए पर पड़े लोगों, अछूतों, अश्वेतों, उपेक्षितों, आदिवासियों, वंचितों, किसानों और छोटे व्यापारियों और निर्माताओं की अराजकता और विनाश को दर्शाया है।



डॉ. मोहसिन खान
स्नातकोत्तर हिन्दी विभागाध्यक्ष
एवं शोध निदेशक
जनता शिक्षण मण्डल द्वारा संचालित
कला, विज्ञान एवं वाणिज्य महाविद्यालय,
अलिबाग-४०२२०१, जिला-रायगड (महाराष्ट्र)

Janata Shikshan Mandal's

Smt. Indirabai G. Kulkarni Arts College, J. B. Sawant Science College and
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(Maharashtra)

(J. S. M. College Alibag Raigad)

Department of Marathi

2023-24

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in to the Curriculum.

M.A. II – SEM-I & II-Paper no. - 4 - Study of Specific Period

TYBA - PAPER - IV - SEM V- UAMAR - 501/ SEM VI- UAMAR - 601 - History of Medieval Marathi Literature (मध्ययुगीन मराठी साहित्य)

In these papers of M.A. and T.Y.B.A. Marathi subject, Saint Literature in ancient Marathi literature is taught. Human values such as equality, brotherhood, Tolerance, humility, non-violence, truthfulness, Not to steal, morality revealed through the writings of Marathi saint poets such as Sant Chakradhar, Sant Dnyaneshwar, Sant Muktabai, Sant Namdev, Sant Sawtamali, Sant Chokhamela, Sant Janabai, Sant Eknath, Sant Tukaram, Sant Ramdas etc. are conveyed to the students and the students are encouraged to cultivate these values.

M.A. II - 14.2 - Feminist Movement and Theorization (स्त्रीवाद चळवळ आणि सिद्धांत)

TYBA - PAPER - VI - SEM VI - UAMAR - 603 - Literature and Society - (साहित्य आणि समाज)

In these papers of M.A. and T.Y.B.A. Marathi subject, through various literary works, women-consciousness, women's rights, women's freedom, gender equality etc. Values are inculcated in students.

The values of gender equality are inculcated in the students with the motto of Awareness of Women's Rights, Awareness of Women's Identity, Thought of Ending Feminist Exploitation, Opposing Injustice-Oppression, and Supporting Women's Freedom of Decision.

M.A. II - 9.5 - Dalit Sahitya (दलित साहित्य)

TYBA - PAPER - VI - SEM V- UAMAR - 503 - Literature and Society (साहित्य आणि समाज)

In these papers of M.A. and T.Y.B.A. Marathi subject, the values of a society free from caste discrimination and exploitation are inculcated in the students through various literary works. Human values are inculcated in the students with the motto of ending exploitative system of caste, class, caste, creation of scientific and secular egalitarian society, creation of modern India.



Dr. Neelkanth Shere
Head, Marathi Department

Janata Shikshan Mandal's

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(Maharashtra)

(J. S. M. College Alibag Raigad)

Dept. of Marathi - AQAR – 2023-24

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in to the Curriculum.

M.A. II – SEM-I & II-Paper no. - 4 - Study of Specific Period

TYBA - PAPER - IV - SEM V- UAMAR - 501/ SEM VI- UAMAR - 601 - History of Medieval Marathi Literature (मध्ययुगीन मराठी साहित्य)

एम.ए. व टी.वाय.बी.ए. मराठी विषयाच्या या अभ्यासपत्रिकांमध्ये प्राचीन मराठी साहित्यातील संत साहित्याचे अध्यापन केले जाते. संत चक्रधर, संत ज्ञानेश्वर, संत मुक्ताबाई, संत नामदेव, संत सावतामाळी, संत चोखामेळा, संत जनाबाई, संत एकनाथ, संत तुकाराम, संत रामदास इ. मराठी संत कवींच्या लेखनातून प्रकट झालेली समता, बंधुता, सहिष्णुता, नम्रता, अहिंसा, सत्य, अस्तेय, सदाचरण अशी मानवी मूल्ये विद्यार्थ्यांपर्यंत पोहचवली जातात व या मूल्यांची जोपासना करण्यासाठी विद्यार्थ्यांना प्रेरित केले जाते.

M.A. II - 14.2 - Feminist Movement and Theorization (स्त्रीवाद चळवळ आणि सिद्धांत)

TYBA - PAPER - VI - SEM VI - UAMAR - 603 - Literature and Society - (साहित्य आणि समाज)

एम.ए. व टी.वाय.बी.ए. मराठी विषयाच्या या अभ्यासपत्रिकांमध्ये विविध साहित्यकृतींच्या माध्यमातून स्त्री-पुरुष भेदरहित समाजव्यवस्था अस्तित्वात येण्यासाठी स्त्री-भान, स्त्री-हक्क, स्त्री-स्वातंत्र्य, स्त्री-पुरुष समानता इ. मूल्ये विद्यार्थ्यांवर बिंबविली जातात.

स्त्री-अधिकार जाणीव, स्त्री अस्मिता जागृती, स्त्री-शोषण अंताचा विचार, अन्याय-अत्याचार विरोध, स्त्रियांच्या निर्णय स्वातंत्र्याचे समर्थन हा ध्येयवाद बाळगून विद्यार्थ्यांवर स्त्री-पुरुष समानतेचे मूल्यसंस्कार केले जातात.

M.A. II - 9.5 - Dalit Sahitya (दलित साहित्य)

TYBA - PAPER - VI - SEM V- UAMAR - 503 - Literature and Society (साहित्य आणि समाज)

एम.ए. व टी.वाय.बी.ए. मराठी विषयाच्या या अभ्यासपत्रिकांमध्ये विविध साहित्यकृतींच्या माध्यमातून जातीभेद व शोषणमुक्त समाजरचनेची मूल्ये विद्यार्थ्यांवर बिंबविली जातात. वर्ण, वर्ग, जात या शोषक व्यवस्थांचा अंत, विज्ञानवादी व जात-धर्मनिरपेक्ष समताधिष्ठित समाजनिर्मिती, आधुनिक भारताची निर्मिती हा ध्येयवाद बाळगून विद्यार्थ्यांवर मानवतावादी मूल्यसंस्कार केले जातात.



डॉ. नीळकंठ शेरे
प्रमुख, मराठी विभाग



Sapant
Principal
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(J. S. M. College Alibag-Raigad)

DEPARTMENT OF ECONOMICS

COURSE: TYBA - ECONOMICS

ECONOMICS OF GROWTH AND DEVELOPMENT PAPER NO – VIII Sem-V : Theories and issues related to population, poverty, inequality and human capital are considered. Urban and rural aspects of the development process studied. Importance of technology, infrastructure and planning in development process are considered. The approach has been to cover all important areas of development economics. Concept of Human Capital- Role of Education, Health and nutrition in Human Capital , Green Technology.

ENVIRONMENTAL ECONOMICS – I PAPER NO – XI, Sem-V: Environmental Economics: Nature, Significance and Scope; Environment and the economy; Environmental Kuznets Curve; Common resources, externalities and property rights; Coase Theorem; Rio Declaration and Agenda 21 programme of action for sustainable development Economic value of Environment: Use and Non-use values; Measurement methods of environmental value: Market based and Non-market based methods; Contingent Valuation Method; Travel Cost Method; Hedonic Price Method. Trade and environment-Overview of trans-boundary environmental problems-Global Warming - Climate Change - Energy Crisis - Challenges of urbanization - International environmental agreements.

INDUSTRIAL AND LABOUR ECONOMICS-II PAPER NO – XV, Sem-VI : This paper included Child Labour and Women Labour -Problems and Measures, Labour Market Reforms - Exit Policy and Need for Safety Nets, Second National Commission on Labour, Globalization and its impact on Indian Labours. Working Conditions and life style of Indian workers d Principles of Labour Welfare- Agencies for Labour Welfare, Role of the Labour Welfare Officer - Social Security-Concept; Social Assistance and Social Insurance – Social Security Measures in India - Indian Labour Legislations.

ENVIRONMENTAL ECONOMICS – II PAPER NO – XVII, Sem-VI: Environmental Degradation; Renewable and Non-renewable natural resources: Land, Air, Water and Noise Pollution: Causes, effects and measures. Accounting for environmental and natural resources: Meaning and importance; System of Environmental-Economic Accounting (SEEA) and Environmental and Natural Resources Accounting (ENRA); Integration of Environmental Accounts with System of National Accounts: Green GDP; Concept of Green Growth and its Indicators; Concepts of Green Consumer and Green Business. Concept of Sustainable Development; Characteristics and dimensions of Sustainable Development; Sustainable Development Goals. National Green Tribunal.; Environmental Education in India.


Head of the Department

J.S.M. College Alibag

Department of Geography

FYBA :- Environmental Geography

Sustainable development and geography

Sustainable development can be defined as development that meets the needs of the present without compromising the ability of future generations to meet their own needs. Sustainable development is defined as an approach to developing or growing by using resources in a way that allows for them to renew or continue to exist for others. Using recycled materials or renewable resources when building is an example of sustainable development. Sustainable development is development that meets the needs of the present, without compromising the ability of future generations to meet their own needs

TYBA Population Geography

Gender and Geography :-

This is major issues in population geography because some population issues are as per as concerns gender issues is main concern in india. Across India gender inequality results in unequal opportunities, and while it impacts on the lives of both genders, statistically it is girls that are the most disadvantaged. Far too many girls, especially those from the poorest families, still face gender discrimination in education, child marriage and pregnancy, sexual violence and unrecognized domestic work. These are some types of gender inequality. Although the Indian constitution has granted both men and women equal rights, gender disparities continue to live and rule. Indian society has always been the hub of this discrimination, making women its victim. In the land where women are Goddess's, the same Nation leaves a blot of atrocities and inequality.

FYBcom Environmental studies

Environment and Geography:-

This is one of the branch of geography. In Environmental studies there are so many concern and issues to related to in the faculty of geography. Pollution, acid rainfall, ozone depletion, global warming, deforestation, green house effect, land degradation, desertification, ect.

J.S.M. COLLEGE ALIBAG RAIGAD 402201

DEPARTMENT OF BOTANY

COURSE F.Y.B.Sc.

In Semester I within Paper II Unit 2 Ecology deals with various aspects of ecology like what is meant by ecosystem and what are the components of ecosystem, where one learns how living components of earth and abiotic components are connected with each other. Students also learn about various components of different ecosystems whereas Unit 3 deals with Grandmas Pouch where we teach students about medicinal plants like Tulsi, Aloe vera, Ginger, Haldi and Chandan and their uses in day to day life.



HOD Botany

J.S.M. COLLEGE ALIBAG RAIGAD 402201

DEPARTMENT OF BOTANY

COURSE S.Y.B.Sc.

For Semester IV, Paper II Unit 3 deals with Ecology and Environmental botany where students learn about different biogeochemical cycles occurring in the environment and how these cycles are connected to human beings and other organisms. We also learn about soil ecology where we learn about different microorganism in the soil.



HOD Botany

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DEPARTMENT OF BOTANY

COURSE T.Y.B.Sc.

Semester V Paper 1 Unit I deals with study of types of microorganisms where we study various microorganisms and diseases caused by these microorganisms. How these microorganisms are used in different industries as a source of enzymes, food etc. Unit IV deals with study of various bacterial and fungal plant disease where one learn how these disease are caused what are the symptoms and how to treat these diseases. Unit IV deals with ethnobotany and mushroom industry, where various traditional medicines and their uses are learned by the students. Mushroom cultivation is also taught to students so that one can see their future as an entrepreneur.

Semester VI Paper 2 Unit IV teaches students about phytogeographical regions of India what type of vegetation occurs in various parts of India. Students also learn about what biodiversity is, what the causes of biodiversity loss are, how to conserve the biodiversity and what are the different methods of conserving biodiversity.

Semester VI Paper 4, Unit III deals with economic botany where students learn about various essential oils, fatty oils and vegetable oils and their uses. Unit IV deals post-harvest technology where students learn about storage of plant products –preservation of fruits and vegetables and helps students entering into the food industries.

In Horticulture and Gardening applied component, students acquire knowledge about basic horticultural science terminology. Students will gain knowledge on post harvesting techniques which will explore the possibility of entrepreneurship in this field.




HOD Botany

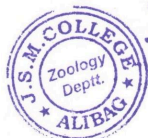
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(J. S. M. COLLEGE ALIBAG – RAIGAD)

Integration of Cross Cutting Issues from the syllabus – 2023-24
Department of Zoology

Sr. No.	Cross Cutting issues	Class	Subject	Activities
1	Professional Ethics	F.Y.B.Sc.	Paper 1st Unit 2 Biodiversity and its conservation.	Educational excursions for understanding importance of biodiversity.
			Paper 2nd Unit 1 Good laboratory Practices.	Conducted practical's on GLP and Safety Symbols.
		S.Y.B.Sc.	Paper 1st Unit 3 Scientific attitude and ethics.	Lecture conducted for explaining ethics in animal research.
2	Human Values	F.Y.B.Sc.	Paper 1 st Unit 3 Footsteps to follow	Case studies for understanding innovative and novel work done by scientists or philosophers
		S.Y.B.Sc.	Paper 3rd Unit 3 Pollution and its effect	Conducted seminars and practical's for understanding the individual role to control pollution.
3	Gender Equity	F.Y.B.Sc.	Paper 1st Unit 1 Population Ecology	Lecture conducted for understanding importance of sex ratio.
		S.Y.B.Sc.	Paper 1st Unit 2 Sex Determination	Lecture conducted for understanding how human sex gets determined with importance of gender equity.

4	Environment Sustainability	F.Y.B.Sc.	Paper 1st Unit 2 Biodiversity and its conservation.	Lecture conducted for conservation strategies and world wild life act for protection of endangered species.
			Paper 1 st Unit 1 Population ecology	Lecture conducted for understanding different aspects of populations dynamics and components of ecosystem.
		S.Y.B.Sc.	Paper 3rd Unit 3rd Vermiculture, Apiculture and applied Zoology.	Lecture conducted for understanding vermicomposting.


 Head, Department of Zoology,
Head of Zoology Dept
 J. S. M. College, Alibag
J. S. M. College, Alibag
Dist. Raigad



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DEPARTMENT OF BMS

INTEGRATION OF CROSSCUTTING ISSUES IN SYLLABUS

ACADEMIC YEAR 2023-24

In today's changing environment it become necessary and duties of teachers to include the cross-cutting issues in the curriculum. As per University of Mumbai Syllabus Bachelor of Management studies integrated this cross-cutting issues like Professional Ethics, Business Ethics, Gender, age, equality, Environment and Sustainability and Human Values etc. in syllabus.

In First year (F.Y.BMS) syllabus of semester I and II subject like Foundation Course I and Foundation Course- II focuses on cross-cutting issues like environment, Human-right, Degradation of Environment, sustainability and equality. Where as Subject like Industrial Law and Business Law covers the legal aspect and laws related to consumer protection, The Factory Act 1948 which provide student the legal as well as fundamental knowledge of issues of equal pay, consumer right. Subject like Business Communication-I and Foundation course introduced student to Business and Professional Ethics, Work place discriminations and their right.

In Second year (S.Y.BMS) in syllabus of III and IV semester student get exposure to understanding of issues like Business Ethics, Social Responsibilities. Subject like Advertising, Employee Relations and Welfare, Integrated Marketing Management which focuses and provide them knowledge related to discipline specific ethics, rules and human-right, welfare. The subject like Foundation Course-III (Environment Management) give student understanding of environment and issues related to environment like degradation, waste management, as well as equipped them with knowledge of sustainability and preservation of environment practices. Foundation Course IV (Ethics and Governance) focuses on Business Ethics and Governance Practices.

Similarly in Third Year (T.Y.BMS) focused on making students aware about Business Ethics Practices and Professional Ethics and unethical practices and their consequences on business and individual in their specialised subjects like Financial Accounting, Sales and Distribution Management, Finance for HR

Professionals, and compensation Management, Stress Management, Strategic Financial Management and Corporate Communication and Public Relation

At the end of graduation student get aware and procure knowledge of different cross-cutting issues through their curriculum which help them to become ethical and valued citizens and mangers.


In-charge