

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD.**



Circular / Acad Sec. / UG / CBCS Curri. / Colleges / 2022.

It is hereby inform to all concerned that, on the recommendation of Dean of Faculty of Humanities; **the Hon'ble Vice-Chancellor has accepted the following subject wise Curriculum of Choice Based Credit & Grading System** under the faculty of Humanities in his emergency powers under Section 12 [7] of the Maharashtra Public University Act, 2016 on behalf of the Academic Council.

Sr. No.	Course/Curriculum Name	Semesters
01.	B.A. First Year [History]	Ist & IInd
02.	B.A. First Year [Philosophy]	Ist & IInd
03.	B.A. First Year Sociology (Honors) for Model College.	Ist & IInd
04.	B. A./B.Com./ B.Sc. Second Year Compulsory & Honors [English] for Model College.	IIIrd & IVth
05.	B.A./B.Com./B.Sc./BSW/ BFA Second Year Com., Opt., & Addi (SL) [English]	IIIrd & IVth
06.	B.A. Optional Third Year [English]	Vth & VIth
07.	M.A. First & Second Year Progressively [English]	Ist to IVth

This is effective from the Academic Year 2022-23 and Onwards as appended herewith.

All concerned are requested to note the contents of this circular and bring notice to the students, teachers and staff for their information and necessary action.

University campus,
Aurangabad-431 004.
Ref. No. SU/Colleges Curri/UG/
2022/ 30711-23

Date: 19.07.2022.

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**Deputy Registrar,
Academic.**



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Copy forwarded with compliments to:-

- 1] **The Head, all concerned departments,**
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 2] **The Principal, all affiliated colleges,**
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 3] **The Principal, Model College,**
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 4] **The Director, University Network & Information Centre, UNIC,**
with a request to upload this Circular on University Website.

Copy to :-

- 1] **The Director, Board of Examinations & Evaluation,**
- 2] **The Sec. Officer, [B.A., B.Com, B.Sc. & M.A. Unit] Exam. Branch,**
- 3] **The Section Officer, [Eligibility Unit],**
- 4] **The Programmer [Computer Unit-1] Examinations,**
- 5] **The Programmer [Computer Unit-2] Examinations,**
- 6] **The In-charge, [E-Suvidha Kendra],**
- 7] **The Public Relation Officer,**
- 8] **The Record Keeper,**
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

DrK*190722/-

-**-







**Dr Babasaheb Ambedkar Marathwada University
Aurangabad**



**Syllabus
of
Compulsory English, Optional English and Additional
English (SL) Course
for
BA/BCom/BSc/BSW/BFA Second Year Class
(Affiliated Colleges)
Semesters III & IV
(Effective from the Academic Year 2022-23 Onwards)**


Dean
Faculty of Humanities,
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad.


Chairman,
BOS in English

Course Codes:

1. Compulsory English: **CLE 3, 4**
2. Additional English (SL): **SLE 3, 4**
3. Optional English: **OPE 5, 6, 7, 8**

Expected Number of Classes to Be Conducted (Per Paper per Semester)

- | | |
|-----------------------------|-----------|
| 1. Compulsory English: | 75 |
| 2. Additional English (SL): | 75 |
| 3. Optional English: | 60 |

Subject: Compulsory English

BA/BCom/BSc/BSW/BFA Second Year

Title of the Paper: *A Course in Communicative English- III* *Arshia*

Paper Code: CLE 3

Maximum Marks: 50

Aims and Objectives:

1. To take the linguistic skills of students at advanced level;
2. To enhance communicative competence level of students;
3. To groom the students as good communicators.

Expected Outcome: The students would emerge as good communicators.

Contents of the Course: Semester III

I. Prose:

15 Marks

1. Preamble, Fundamental Rights, and Fundamental Duties (Constitution of India)
2. Memorial Addressed to the Education Commission- Joteerao Govindrao Phooley
3. The Doll's House- Catherine Mansfield
4. How to Tell a Story? - Mark Twain
5. How Much Land Does a Man Need? – Leo Tolstoy

II. Poetry:

15 Marks

1. O Captain! My Captain- Walt Whitman
2. The Leech Gatherer- William Wordsworth
3. Hope Is the Thing with Feathers- Emily Dickinson
4. The Conversation on a Magshar Night- Dalpat Chauhan
5. Money Madness- D. H. Lawrence

III. Grammar:

10 Marks

1. Degrees of Comparison
2. Common Errors in Forming Sentences
3. Speech: Preparation and Presentation
4. Interview: Preparation and Conduct

IV. Internal Evaluation:

10 Marks

1. Oral presentation on a given (by teacher) or chosen (by student) topic (05 Marks)

2. Preparing CV or Detailed Self-Introduction (05 Marks)

Prescribed Textbook: *Path of Wisdom I* by Board of Editors, Dr Babasaheb Ambedkar Marathwada University, Aurangabad

Contents of the Course: Semester IV

Title of the Paper: *A Course in Communicative English- IV*

Paper Code: CLE 4

Maximum Marks: 50

- I. Prose: 15 Marks**
1. Of Society and Civilisation- Thomas Paine
 2. My Greatest Olympic Prize- Jesse Owens
 3. The Pleasures of Ignorance- Robert Lynd
 4. The Lottery Ticket- Anton Chekhov
 5. The Gift of the Magi- O. Henry
- II. Poetry: 15 Marks**
1. To My Daughter- Balamani Amma
 2. Amalkanti- Nirendranath Chakrabarti
 3. Woman- Hira Bansode
 4. And the Dream Bird- Sudhanya Tripura
 5. Spring- Ezra Pound
- III. Grammar: 10 Marks**
1. Use of Words in Sentences: Noun, Verb, Adjective, Adverb, etc.
 2. The Sentence: Coordination and Subordination
 3. Soft Skills: An Introduction
 4. Indian English: A Brief Introduction
- IV. Internal Evaluation (Semesters II): 10 Marks**
1. Testing of Reading Skills (05 Marks)
 2. Writing Application/Letter: Job, Complaint, Purchase, Appreciation, etc. (05 Marks)

Prescribed Textbook: *Path of Wisdom II* by Board of Editors, Dr Babasaheb Ambedkar Marathwada University, Aurangabad

**Optional English Course
Second Year of BA**

Papers V & VI:

Paper Codes: OPE 5 & 6

Papers VII & VIII:

Paper Codes: OPE 7 & 8

Mujahid Sir

Paper V: Literature in English I

Maximum Marks: 50

Aims and Objectives:

1. To make the students aware of literatures in English;
2. To make them aware of diverse cultures presented in literature;
3. To help the students develop their ability to compare different literary worlds.

Expected Outcome: The students would have developed awareness about different literatures written/translated in English.

Contents of the Course: Semester III

- | | |
|---|------------------------|
| <p>I. Introduction to Types of Literature in English:</p> <ol style="list-style-type: none"> 1. British Literature 2. American Literature 3. Indian Literature | <p>10 Marks</p> |
| <p>II. Texts for Study: Poetry</p> <ol style="list-style-type: none"> 1. All the World's a Stage- William Shakespeare 2. Give All to Love- Ralph W. Emerson 3. Freedom- Rabindranath Tagore | <p>10 Marks</p> |
| <p>III. Text for Study: Drama</p> <p>The Comedy of Errors- William Shakespeare</p> | <p>10 Marks</p> |
| <p>IV. Text for Study: Fiction</p> <p>As I Lay Dying- William Faulkner</p> | <p>10 Marks</p> |
| <p>V. Internal Evaluation</p> <p>The students would write a critical appreciation of any of the texts recommended for the paper or recommended by the teacher and submit it to the teacher concerned.</p> | <p>10 Marks</p> |

Recommended Reading:

Birch, Diana. *The Oxford Companion to English Literature*. 7th ed. OUP, 2009.

Ousby, Ian. *The Cambridge Guide to Literature in English*. CUP, 1988.

Albert, E. *History of English Literature*. Rev. ed. OUP, 2017.

Naik, M. K. *A History of Indian English Literature*. Sahitya Akademi, 2009.

Halleck, R. P. *History of American Literature*. Notion Press, 2019.

E-sources:

https://en.wikipedia.org/wiki/British_literature

https://en.wikipedia.org/American_literature

https://en.wikipedia.org/wiki/Indian_English_literature

<https://www.poetryfoundation.org/poems/56966/speech-all-the-worlds-a-stage>

<https://www.poetryfoundation.org/poems/50464/give-all-to-love>

<https://allpoetry.com/poem/8516617-Freedom-by-Rabindranath-Tagore>

Contents of the Course: Semester III

Aselia

Paper VI: Literature in English II

Maximum Marks: 50

I.	Introduction to Types of Literature in English:	10 Marks
	1. Canadian Literature	
	2. Australian Literature	
	3. African Literature	
II.	Texts for Study: Poetry	10 Marks
	1. I Believe- Robert W. Service	
	2. The Old Prison- Judith Wright	
	3. Pine Tree in Spring- Chinua Achebe	
III.	Text for Study: Drama	10 Marks
	The Strong Breed- Wole Soyinka	
IV.	Text for Study: Short Fiction	10 Marks
	Dancing Girls and Other Stories- Margaret Atwood	

V. Internal Evaluation**10 Marks**

The students would write a critical appreciation of any of the texts recommended for the paper or recommended by the teacher and submit it to the teacher concerned.

Recommended Reading:

Birch, Diana. *The Oxford Companion to English Literature*. 7th ed. OUP, 2009.

Ousby, Ian. *The Cambridge Guide to Literature in English*. CUP, 1988.

Howells, C. A., & E. M. Kroller. Eds. *The Cambridge History of Canadian Literature*. CUP, 2013.

Turner, H. G. *The Development of Australian Literature*. Kessinger Publishers, 2008.

E-sources:

https://en.wikipedia.org/wiki/African_literature#:~:text=African%20literature%20is%20literature%20from,African%20and%20Afro%2DAsiatic%20languages.

https://en.wikipedia.org/wiki/Australian_literature

https://en.wikipedia.org/wiki/Canadian_literature#:~:text=Canadian%20literature%20is%20the%20literature,others%20such%20as%20Canadian%20Gaelic.

<https://www.poetryfoundation.org/poems/46655/i-believe>

<https://allpoetry.com/The-Old-Prison>

<https://www.best-poems.net/chinua-achebe/pine-tree-in-spring.html>

Contents of the Course: Semester IV**Paper VII: Periods of British Literature****Maximum Marks: 50**

Mujalid Sir

Aims and Objectives:

1. To have the students enlightened on the development of British literature.
2. To prepare the students for clearing examinations regarding British literature.

Expected Outcome: The students would have developed understanding of British literature to a fair extent.

- | | |
|---|------------------------|
| <p>I. Introduction to Periods of British Literature</p> <ol style="list-style-type: none"> 1. Old English Period 2. Middle English Period 3. The Renaissance 4. Elizabethan Period 5. Romanticism | <p>10 Marks</p> |
| <p>II. Texts for Study: Poetry</p> <ol style="list-style-type: none"> 1. A Ballad of Gentleness- Geoffrey Chaucer 2. An Ode to Himself- Ben Jonson 3. Death Be Not Proud- John Donne | <p>10 Marks</p> |
| <p>III. Text for Study: Drama</p> <p>Duchess of Malfi- John Webster</p> | <p>10 Marks</p> |
| <p>IV. Text for Study: Prose</p> <p>Utopia- Thomas More</p> | <p>10 Marks</p> |
| <p>V. Internal Evaluation</p> <p>The students would write a critical appreciation of any of the texts recommended for the paper or recommended by the teacher and submit it to the teacher concerned.</p> | <p>10 Marks</p> |

Recommended Reading:

Hudson, W. H. *An Outline History of English Literature*. Maple Press, 2012.

Thornley, G. C., and Robert Gwyneth. *An Outline of English Literature*. Pearson Education India, 2012.

E-sources:

https://en.wikipedia.org/wiki/Old_English

https://en.wikipedia.org/wiki/Middle_English

<https://en.wikipedia.org/wiki/Renaissance>

<https://www.britannica.com/art/Elizabethan-literature>

<https://www.britannica.com/art/Romanticism>

<https://mypoeticside.com/poets/geoffrey-chaucer-poems>

<https://www.poetryfoundation.org/poems/44462/an-ode-to-himself>

<https://www.poetryfoundation.org/poems/44107/holy-sonnets-death-be-not-proud>

Contents of the Course: Semester IV

Arslina

Paper VIII: Postcolonial Literature

Maximum Marks: 50

Aims and Objectives:

1. To introduce the students to postcolonialism which dominates the current academic scenes of the world.
2. To make the students keep pace with current developments in literature and discourse.

Expected Outcome: The students would have become familiar with the contemporary discourse and literature.

- | | |
|--|------------------------|
| <p>I. Postcolonialism: A Background</p> <ol style="list-style-type: none"> 1. Definition 2. Theory 3. Colonialism, Imperialism and Postcolonialism | <p>10 Marks</p> |
| <p>II. Texts for Study: Poems</p> <ol style="list-style-type: none"> 1. A Far Cry from Africa- Derek Walcott 2. To New York- Leopold Sedar Senghor 3. Stone-masons, My Father, and Me- Namdeo Dhasal | <p>10 Marks</p> |
| <p>III. Texts for Study: Essays</p> <ol style="list-style-type: none"> 1. Colonialist Criticism- Chinua Achebe 2. Orientalism- Edward Said 3. National Culture- Frantz Fanon | <p>10 Marks</p> |

Source Text: Ashcroft, Bill, et al. Eds. *The Post-Colonial Studies Reader*. 2nd ed. Routledge, 2017.

- | | |
|---|------------------------|
| <p>IV. Text for Study: Fiction</p> <p>Tomb of Sand- Geetanjali Shree</p> | <p>10 Marks</p> |
| <p>V. Internal Evaluation</p> | <p>10 Marks</p> |

The students would write a critical appreciation of any of the texts recommended for the paper or recommended by the teacher and submit it to the teacher concerned.

Recommended Reading:

McLeod, John. *Beginning Postcolonialism*. Viva Books, 2018.
 Gale, C. L. *A Study Guide for "Postcolonialism"*. Gale Study Guides, 2017.
 O'Reilly, Christopher, et al. *Postcolonial Literature*. CUP, 2001.

E-sources:

<http://www.poetryatlas.com/poetry/poem/2291/to-new-york.html>
<https://www.poemhunter.com/derek-walcott/poems/>
<https://www.britannica.com/topic/postcolonialism#:~:text=postcolonialism%20C%20the%20historical%20period%20or,under%20various%20forms%20of%20imperialism.>

Subject: Additional English (SL)

BA/BCom/BSc/BSW/BFA Second Year

Title of the Paper: *Additional English (SL) - III*

Paper Code: SLE 3

Maximum Marks: 50

Aim of the Course: The course aims to produce good communicators of English.

Expected Outcome: The students would turn out good communicators after completing the given course.

Contents of the Course: Semester III

- I. Prose and Poetry: 10 Marks**
1. King Lear
 2. When We Two Parted- Lord Byron

Sources: Tales from Shakespeare- Charles and Mary Lamb (Penguin Classics, 2016)

<https://pooh1606.files.wordpress.com/2012/02/the-poem-when-we-two-parted-by-lord-byron1.pdf>

<http://www.gutenberg.org/ebooks/573>

- II. Communication 20 Marks**
1. Basic Elements of Communication

- 2. Methods of Communication (Verbal)
- 3. Methods of Communication (Non-Verbal)
- 4. Channels of Communication

III. Dialogue Skills **10 marks**

- 1. Good Manners and Etiquette
- 2. Expressing Disagreement without Being Offensive
- 3. Conducting a Meeting

Text: Rai Urmila, and S. M. Rai. *Business Communication*. Himalaya Publishing House, 2015.

IV. Internal Evaluation: **10 Marks**

Tutorial on any of the topics given above or recommended by the teacher concerned.

Title of the Paper: Additional English (SL) - IV

Paper Code: SLE 4

Maximum Marks: 50

Contents of the Course: Semester IV

I. Prose and Poetry: **10 Marks**

- 1. All's Well That Ends Well
- 2. A Sea of Foliage of Girds Our Garden Round- Toru Dutt

Text: Tales from Shakespeare- Charles and Mary Lamb (Penguin Classics, 2016)

<https://kavishala.in/special/5-most-famous-poems-by-toru-dutt>

<http://www.gutenberg.org/ebooks/573>

II. Communication **20 Marks**

- 1. Reading Skills
- 2. Job Application
- 3. Bank Correspondence

III. Report **10 Marks**

- 1. Types
- 2. Structure
- 3. Parts
- 4. Specimen

Text: Rai Urmila, and S. M. Rai. *Business Communication*. Himalaya Publishing House, 2015.

IV. Internal Evaluation

10 Marks

Tutorial on any of the topics given above or recommended by the teacher concerned.



Chaitanya

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD.



Circular / Acad Sec./ English/U.G./Rev. Curriculum/2021.

It is hereby inform to all concerned that, on the recommendation of Board of Studies in English and Dean of Faculty of Humanities, the Academic Council it's Meeting held on 01st November, 2021 **has accepted** the "Revised Curriculum of F.Y. B.A./B.Com./ B.Sc./ B.S.W./B.F.A. and F.Y. B.A./ B.Com./ B.Sc. of Model College, Ghansawangi in the Subject of English." as per Appendix-"A" & "B".

This is effective from the Academic Year 2021-22, and Onwards as appended herewith.

All concerned are requested to note the contents of this circular and bring notice to the students, teachers and staff for their information and necessary action.

University campus,
Aurangabad-431 004.
R-f. No. SU/English/U.G./
Course/2021/ 431/25/64

Date: 25.11.2021.

[Signature]
Deputy Registrar,
Academic.

Copy forwarded with compliments to:-

- 1] The Principal, all affiliated colleges,
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 2] The Director, University Network & Information Centre, UNIC,
with a request to upload this Circular on University Website.

Copy to :-

- 1] The Director, Board of Examinations & Evaluation,
- 2] The Section Officer, [B.A. Unit] Examination Branch,
- 3] The Section Officer, [Eligibility Unit],
- 4] The Programmer [Computer Unit-1] Examinations,
- 5] The Programmer [Computer Unit-2] Examinations,
- 6] The Incharge, [E-Savitha Kendra],
- 7] The Public Relation Officer,
- 8] The Record Keeper,
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

DRK*251121/



Total page -
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[Signature]
03/12/2021



Dr Babasaheb Ambedkar Marathwada University Aurangabad



Syllabus
Of
Compulsory English, Optional English and Additional English
(SL) Course
For
BA/BCom/BSc/BSW/BFA First Year Class

Semesters I & II
(Effective from the Academic Year 2021-22 Onwards)

1|Page



Correspondence 2019

Date: - 10/

Page No. - 1091

(1)

PREAMBLE TO THE CURRICULUM

We, the Board of Studies in English of Dr Babasaheb Ambedkar Marathwada University, Aurangabad, believe that a well-wrought curriculum leads the learners to critical thinking, responsibility and humanity. The aim of the curriculum designed by us board is to inculcate egalitarian values in the learners and make them think critically and be responsible and humane as these attributes help build the character of learners.

The board also give careful consideration to instilling a sense of precision into the learners, besides laying a special focus upon developing oral and written communication of them. We, the board, advise and insist that the learner read, write, hear, and speak clearly to the point of establishing themselves a competent enterpriser of their own field of career.

Finally, the board have done their utmost to provide learners with the texts that cover so far every walk of life and that sort of comply with the standards of employability. Therefore, the board are hoping that the curriculum would prove of certain value and significance to the learners and academics concerned.

Core Values:

1. Education to foster appreciation for the intellectual and physical aspects of better life and for other types of culture.
2. Encouragement for respectful face-to-face communication, inculcating moral and ethical values and global competencies.
3. Establishment of a culture of leadership, teamwork and dedication to serious pursuit of learning.
4. Promoting independent thinking and self-reliance among the undergraduates.



Course Codes:

1. Compulsory English: CLE 1, 2
2. Additional English (SL): SLE 1, 2
3. Optional English: OPE 1, 2, 3, 4

Expected Number of Classes to Be Conducted (Per Paper per Semester)

- | | |
|-----------------------------|----|
| 1. Compulsory English: | 75 |
| 2. Additional English (SL): | 75 |
| 3. Optional English: | 60 |

Subject: Compulsory English
BA/BCom/BSc/BSW/BFA First Year

Title of the Paper: A Course in Communicative English-I
Paper Code: CLE1

Maximum Marks: 80

Muzahid Sir

Aims and Objectives:

1. To make the students aware of basic language skills;
2. To train them to read and write well in English;
3. To make the students competent speakers and listeners of English;
4. To enhance the confidence level of the students for application of English;
5. To develop word power of the students.

Contents of the Course: Semester I

- | | |
|--|-----------------|
| I. Prose: | 20 Marks |
| 1. The Essence of Democracy- B. R. Ambedkar | |
| 2. Ophelia and Eurydice- William Byron Forbush | |
| 3. A Tribute to the Buddha- Sayaji Maharaj Gawkwad | |
| 4. Facebook is Making us Miserable- Daniel Gulati | |
| 5. Sir Isaac Newton- Nathaniel Hawthorne | |
| II. Poetry: | 20 Marks |
| 1. A Prayer for my Daughter- W. B. Yeats | |
| 2. A Psalm of Life- H. W. Longfellow | |
| 3. The Bus- Arun Kolatkar | |
| 4. Let Me Not to the Marriage of True Minds- William Shakespeare | |
| 5. Night of the Scorpion- Nissim Ezekiel | |

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- III. Grammar:** 20 Marks
1. The Clause Elements (S, V, O, C, A)
 2. The Articles and Prepositions: Kinds and Usage
 3. The Tenses: Kinds and Usage
 4. Marathi Alternatives to English Words
- IV. Writing Skill:** 20 Marks
1. Email Writing
 2. Job Application with CV
 3. News and Report Writing
 4. Self Introduction
- V. Internal Evaluation (Semesters I):** 20 Marks
1. PowerPoint Presentation on great/famous people, sportspersons, etc. (10 Marks)
 2. Essay Writing/Review Writing on a book, film, well-known regional person, reformer, politician, social activist, etc. (10 Marks)

Contents of the Course: Semester II

Title of the Paper: *A Course in Communicative English- II* *Muzamil Sir*
 Paper Code: CLE2 Maximum Marks: 80

- I. Prose:** 20 Marks
1. India's Message to the World- Swami Vivekananda
 2. Are the Rich Happy? - Stephen Leacock
 3. I Have a Dream- Martin Luther King Jr.
 4. Going Public: A Man of Wealth and Fame- Walter Isaacson
 5. Gold from the Grave- Anna Bhau Sathé
- II. Poetry:** 20 Marks
1. Stopping by Woods on a Snowy Evening- Robert Frost
 2. Poem of Serpents- Loknath Yashwant
 3. Strange Meeting- Wilfred Owen
 4. The Ballad of the Landlord- Langston Hughes
 5. The Tiger and the Deer- Sri Aurobindo
- III. Grammar:** 20 Marks
1. Basic Sentence Types: Declarative, Interrogative, Imperative, Exclamative
 2. Affixation and Word Formation
 3. Phrases and Idioms
 4. Antonyms and Synonyms
 5. Translation Skill (Marathi to English and vice versa)
- I. Writing Skill:** 20 Marks



- 2. Dialogue Writing
- 3. Elog Writing
- 4. Descriptive and Narrative Paragraphs
- 5. Preparing an Advertisement

- IV. Internal Evaluation (Semesters II): 20 Marks**
- 1. PowerPoint Presentation on great/famous people, sportspersons, etc. (10 Marks)
 - 2. Essay Writing, Review Writing on a book, film, well-known regional person, reformer, politician, social activist, etc. (10 Marks)

Prescribed Textbook: *Elegance of Language* by Board of Editors, BAMU

Optional English Course
First Year of BA

Papers I & II:
 Paper Codes: OPE 1 & 2
Papers III & IV:
 Paper Codes: OPE 3 & 4

Paper I: Forms of Literature **Maximum Marks: 80**

Arelia

Aims and Objectives:

- 1. To make the students aware of basic concepts of literature;
- 2. To make them aware of forms of literature;
- 3. To help the students develop their taste for literature and its judgment;
- 4. To make the students realise creative language and art.

Contents of the Course: Semester I

- I. (A) Types of Poetry: 10 Marks
 - 1. The Lyric
 - 2. The Ode
 - 3. The Sonnet
 - 4. The Elegy
- (B) Texts of Poetry: 10 Marks
 - 1. Ode on a Grecian Urn- John Keats
 - 2. Elegy Written in a Country Churchyard- Thomas Gray
 - 3. On His Blindness- John Milton
 - 4. The Splendid Fellas- Alfred Lord Tennyson
- II. (A) Types of Drama: 10 Marks
 - 1. Tragedy
 - 2. Comedy
 - 3. Tragi-Comedy

31Page



(B) Text of Drama: The Merchant of Venice- William Shakespeare	20 Marks
III. Fiction:	10 Marks
1. What is fiction?	
2. What is short fiction?	
3. What is science fiction?	
4. The Narrative Technique in Fiction	
(B) Text of Fiction: Train to Pakistan- Khushwant Singh	20 marks

Texts for Studying the Basic Concepts:

1. Abrams, M. H. *A Glossary of Literary Terms*. 11th ed. (Delhi: Cengage Learning Private Limited, 2015).
2. Prasad, Brijdash & H. P. Ramadoss. *A Background to the Study of English Literature*. Rev. Ed. (Delhi: Laxmi Prakashan, 2016).

E-sources (Poetry):

1. <https://www.poetryfoundation.org/poems/44477/ode-on-a-grecian-urn>
2. <http://www.thomasgray.org/cgi-bin/display.cgi?text=etc>
3. <https://m.poets.org/poetsorg/poem/splendor-falls>
4. <https://www.poemhunter.com/poem/on-his-blindness/>

Internal Evaluation:

Marks 20

The students would write a critical appreciation of any of the texts recommended for the paper or recommended by the teacher and submit it to the teacher concerned.

Contents of the Course: Semester I

Paper II: Forms of Literature II	Maximum
Marks: 80	
I. (A) Types of Drama:	10 Marks
1. One-Act Play	
2. Dramatic Monologue	
3. Farce and Melodrama	
(B) Text:	10 Marks
How He Lied to Her Husband- G. B. Shaw	
II. Poetry:	20 Marks
1. Christabel- S. T. Coleridge	
2. My Last Duchess- Robert Browning	
3. A Morning Prayer- Nissim Ezekiel	
III. Drama:	20 Marks
Three Sisters- Anton Chekhov	
IV. Short Fiction:	20 Marks

Muzahid Sir



1. The Postmaster- Rabindranath Tagore
2. When I Hid My Caste- Baburao Bagul
3. The Rule of the Road- A. G. Gardiner
4. The Adventure of the Dying Detective- Sir Arthur Conan Doyle

Texts for Studying the Basic Concepts:

1. Abrams, M. H. *A Glossary of Literary Terms*, 11th ed. (Delhi: Cengage Learning Private Limited, 2015).
2. Prasad, Brijdesh & H. P. Ramadass: *A Background to the Study of English Literature*. Rev. Ed. (Delhi: Laxmi Prakashan, 2016).

Sources/E-sources (Poetry and Short Fiction):

1. Doyle, S. A C. *The Complete Short Stories of Sherlock Holmes*. 35th impression. (Mumbai: Jaiko Publishing House, 2018).
2. <https://www.poetryfoundation.org/poems/43768/my-last-duchess>
3. <https://www.poetryfoundation.org/poems/43771/christabel>
4. Ezekiel, Niamon. *Collected Poems*. New Delhi: Oxford University Press, 2010.
5. <http://www.orindia-literature.com/tagore-rabindranath/stories-from-tagore/>
6. <https://sherlock-holm.es/stories/pdf/a4/1-sided/dyin.pdf>
7. When I Hid My Caste- Baburao Bagul (Trans. Jerry Pinto. New Delhi: Speaking Tiger Publishing Pvt. Ltd., 2018)
8. Kaul Neena, and Renu Anand. Eds. *Chinar: An Anthology of Prose and Poems*. New Delhi: Cambridge University Press, 2013.

Internal Evaluation:

20 Marks

The students would write a critical appreciation of any of the texts recommended for the paper or recommended by the teacher and submit it to the teacher concerned.

Contents of the Course: Semester II

Paper III: Forms of Literature
80

Maximum Marks: *Asstia*

I.	(A) Prose Types:	10 Marks
	1. The Essay	
	2. Autobiography	
	3. Biography	
	(B) Text: Essays by Francis Bacon	10 Marks
	1. Of Truth	
	2. Of Death	
	3. Of Revenge	
	4. Of Parents and Children	
	5. Of Nobility	

II. Autobiography:

20 Marks

719-22



The Race of My Life- Milkha Singh

III. Drama: 20 Marks
Justice - John Galsworthy

IV. Fiction: 20 Marks
The Alchemist- Paulo Coelho

Texts for Studying the Basic Concepts:

1. Abrams, M. H. *A Glossary of Literary Terms*. 11th ed. (Delhi: Cengage Learning Private Limited, 2015).
2. Prasad, Brijdish & H. P. Ramadoss. *A Background to the Study of English Literature*. Rev. Ed. (Delhi: Laxmi Prakashan, 2018).

Sources for Studying Bacon's Essays:

1. Chaudhuri, Sukant. Ed. *Bacon's Essays: A Selection*. New Delhi: Oxford University Press, 2004.
2. <https://vestegg.com/bacon/index.essays.html>

Internal Evaluation: 20 Marks

The students would write a critical appreciation of any of the texts recommended for the paper or recommended by the teacher and submit it to the teacher concerned.

Contents of the Course: Semester II

Paper IV: Forms of Literature

Maximum Marks: 80

I. (A) Poetry Types: 10 Marks

1. The Epic
2. The Satire
3. The Idyll

(B) Text:

Samson Agonistes- John Milton

10 Marks

II. Essays by Francis Bacon: 20 Marks

1. Of Envy
2. Of Love
3. Of Adversity
4. Of Marriage and Single Life
5. Of Goodness and Good nature
6. Of Boldness
7. Of Superstition
8. Of Suspicion
9. Of Ambition
10. Of Beauty

III. Drama: 20 Marks

Doctor Faustus- Christopher Marlowe

IV. Fiction: 20 Marks

The English Patient- Michael Ondaatje

Texts for Studying the Basic Concepts:



- 1. Abrams, M. H. *A Glossary of Literary Terms*. 11th ed. (Delhi: Cengage Learning Private Limited, 2015).
- 2. Prasad, Brijdish & H. P. Ramadoss. *A Background to the Study of English Literature*. Rev. Ed. (Delhi: Laxmi Prakashan, 2016).

Sources for Bacon's Essays:

- 1. Chaudhari, Sukant. Ed. *Bacon's Essays: A Selection*. New Delhi: Oxford University Press, 2004.
- 2. <https://westegg.com/bacon/index.essays.html>

Sources for Milton's Poem:

- 1. Wordsworth Poetry Library. *The English Poems of John Milton*. Hertfordshire: Wordsworth Editions Limited, 2004.
- 2. https://www.dartmouth.edu/~milton/reading_room/samsun/drama/text.shtml

Internal Evaluation:

20 Marks

The students would write a critical appreciation of any of the texts recommended for the paper or recommended by the teacher and submit it to the teacher concerned

Subject: Additional English (SL)
 BA/BCom/BSc/BSW/BFA First Year
 Title of the Paper: Additional English (SL)- I

Paper Code: SLE 1 Maximum Marks: 80

Aim of the Course: The course aims to inculcate in students creative skills.

Contents of the Course: Semester I

- I. Stories in Prose: 20 Marks
 - 1. Othello
 - 2. As You Like It

Text: Tales from Shakespeare- Charles and Mary Lamb (Penguin 2016) Classics,
- II. Fiction: 20 Marks
Text: A Fine Balance- Rohinton Mistry
- III. Drama: 20 marks
Text: All My Sons- Arthur Miller
- IV. Writing Skill: 20 Marks
 - 1. Letter Writing: 10 Marks
 - a. Letter of Invitation
 - b. Letter of Apology
 - c. Letter of Request
 - d. Business Letter
 - e. Letter of Complaint
 - 2. Essay Writing: 10 Marks



Internal Evaluation:	20 Marks
1. Expository and Persuasive Paragraphs	10 Marks
2. Critical Appreciation of Any Text:	10 Marks
Texts on Writing Skill:	
1. Stanton, Nicky. <i>Mastering Communication</i> . 5th ed. Hampshire: Palgrave Macmillan, 2009.	
2. Nagraj, Geetha. <i>A Course in Grammar and Composition</i> . Delhi: Cambridge University Press, 2017.	

Title of the Paper: **Additional English (SL) - II**

Paper Code: **SLE 2**

Maximum Marks: **80**

Contents of the Course: Semester II

I. Stories in Prose:	20 Marks
1. Romeo and Juliet	
2. Twelfth Night; Or, What You Will	
Text: Tales from Shakespeare- Charles and Mary Lamb (Penguin Classics, 2016)	
II. Essays:	20 Marks
1. The Principle of Growth	
2. Education	
Text: Why Men Fight- Bertrand Russell (Oxon: Routledge, 2010; 2nd Indian Reprint, 2012)	
III. Fiction:	20 marks
Text: The Blue Umbrella- Ruskin Bond	
IV. Personal Diary:	20 Marks
Text: The Diary of a Young Girl- Anne Frank	

Internal Evaluation:	20 Marks
1. Dialogue Writing	10 Marks
2. Preparing a Speech Draft	10 Marks
Texts on Writing Skill:	
1. Stanton, Nicky. <i>Mastering Communication</i> . 5th ed. Hampshire: Palgrave Macmillan, 2009.	
2. Nagraj, Geetha. <i>A Course in Grammar and Composition</i> . Delhi: Cambridge University Press, 2017.	

ग्रुप

सं. क्रमांक

प्राप्ति

10 | Page

(Signature)
Date: 12/9/2019



DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD.



Circular / Acad Sec./ UG & PG/Rev. Curri./Col. & Uni.Cam./ 2022.

It is hereby inform to all concerned that, on the recommendation of Dean of Faculty of Humanities, the Hon'ble Vice-Chancellor has accepted the following subject wise Curriculum & Regulations of Choice Based Credit & Grading System under the faculty of Humanities in his emergency powers under Section 12 [7] of the Maharashtra Public University Act, 2016 on behalf of the Academic Council.

Sr. No.	UG/PG Course Curriculum Name	Semesters
01.	B.A., B.Com. & M. A. First Year [Marathi]	Ist & IInd
02.	B. A./B.Com/ B.Sc./BFA/BSW Second Language & Optional First Year [Hindi]	Ist & IInd
03.	B. A. First Year [Urdu]	Ist & IInd
04.	B.A./ B.Com/ B.Sc. Second Language & Optional First Year [Sanskrit]	Ist & IInd
05.	B. A. First & Second Year Progressively and M.A. Second Year [Psychology]	Ist to IVth and IIIrd & IVth
06.	B. A. First Year [Geography]	Ist & IInd
07.	B. A. First Year [Political Science]	Ist & IInd
08.	B. A. First & M.A. Second Year [Sociology]	Ist & IInd and IIIrd & IVth
09.	B. A. First Year [Economics]	Ist & IInd
10.	B. A. First Year [Public Administration]	Ist & IInd
11.	B. A. First & M.A. Second Year [Thoughts of Mahatma Phule and Dr. Babasaheb Ambedkar]	Ist & IInd and IIIrd & IVth
12.	B.A. First Year Optional [Military Science]	Ist & IInd
13.	B.A./ B.Sc. Second Language & Optional First Year [Arabic]	Ist & IInd
14.	B.A. First Year Optional [Islamic Studies]	Ist & IInd

This is effective from the Academic Year 2022-23 and Onwards progressively as appended herewith.

All concerned are requested to note the contents of this circular and bring notice to the students, teachers and staff for their information and necessary action.

University campus,
Aurangabad-431 004.
Ref. No. SU/Col. & UC/UG & PG/
2022/ 3355-65

Date: 11.07.2022.

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Deputy Registrar,
Academic.

:: 02 ::

Copy forwarded with compliments to:-

- 1] **The Head, all concerned departments,**
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 2] **The Principal, all affiliated colleges,**
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 3] **The Director, University Network & Information Centre, UNIC,**
with **a request to upload this Circular on University Website.**

Copy to :-

- 1] **The Director, Board of Examinations & Evaluation,**
- 2] **The Sec. Officer, [B.A., B.Com, B.Sc. & M.A. Unit] Exam. Branch,**
- 3] **The Section Officer, [Eligibility Unit],**
- 4] **The Programmer [Computer Unit-1] Examinations,**
- 5] **The Programmer [Computer Unit-2] Examinations,**
- 6] **The In-charge, [E-Suvidha Kendra],**
- 7] **The Public Relation Officer,**
- 8] **The Record Keeper,**
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

..**..

DrK*110722/-

**Dr. Babasaheb Ambedkar
Marathwada University, Aurangabad**

**Hindi
Syllabus
CBCS Pattern**


**B. A. / B. Com / B. Sc / B. F. A./ B.S.W.
First Year
Second Language (SL) Sem. I & II**

B. A. First Year (Opt.) Sem. I & II

June 2022



**प्रोफेसर डॉ. शिवाजी सांगोले
अध्यक्ष
हिन्दी अभ्यास मंडळ (B.O.S)
डॉ. बाबासाहेब आंबेडकर मराठवाडा
विद्यापीठ, औरंगाबाद**



**Prof. Prashant S. Amrutkar
Dean
Faculty of Humanities,
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad.**

Dr. Babasaheb Ambedkar Marathwada University Aurangabad

Choice Based Credit System (CBCS) Course Structure

Faculty of Humanities

B.A. Syllabus Structure

Semester Pattern Effective from 2022-23 to onward

Subject: Hindi


Sem	Course Code	Title of Course	Course Type	Lectures		Marks			Credits		
				Lectures / per week	Total Lectures	Theory	Internal Assessment	Total	Teaching	Internal Assessment	Total
I	CC-1A	हिंदी साहित्य का इतिहास - I	Core Course	04	60	40	10	50	2.5	0.5	3
	CC-1B	आधुनिक कविता	Core Course	04	60	40	10	50	2.5	0.5	3
II	CC-1C	कथा साहित्य	Core Course	04	60	40	10	50	2.5	0.5	3
	CC-2C	मध्ययुगीन कविता	Core Course	04	60	40	10	50	2.5	0.5	3
III	CC-1E	हिंदी साहित्य का इतिहास - II	Core Course	04	60	40	10	50	2.5	0.5	3
	SEC-1A	प्रयोजनमूलक हिंदी - I	Skill Enhancement Course	04	60	40	10	50	0.5	2.5	3
IV	CC-1F	कथेतर साहित्य	Core Course	04	60	40	10	50	2.5	0.5	3
	SEC-1B	प्रयोजनमूलक हिंदी - II	Skill Enhancement Course	04	60	40	10	50	0.5	2.5	3
V	DSE-A1	कबीर	Discipline Specific Elective	04	60	40	10	50	2.5	0.5	3
	DSE-A2	तुलसीदास		04	60	40	10	50			
	DSE-A3	हिंदी की राष्ट्रीय काव्यधारा		04	60	40	10	50			
	SEC-1C	अनुवाद विज्ञान	Skill Enhancement Course	04	60	40	10	50	0.5	2.5	3
	GE-1	हिंदी के प्रतिनिधि कवि	Generic Elective	04	60	40	10	50	2.5	0.5	3
VI	DSE-B1	दिराज	Discipline Specific Elective	04	60	40	10	50	2.5	0.5	3
	DSE-B2	साहित्यशास्त्र		04	60	40	10	50			
	DSE-B3	लोक साहित्य		04	60	40	10	50			
	SEC-1D	भाषा शिक्षण / संसाधन कला	Skill Enhancement Course	04	60	40	10	50	0.5	2.5	3
	GE-2	विशेष रचनाकार - हेमचंद्र	Generic Elective	04	60	40	10	50	2.5	0.5	3
Grand Total						560	140	700	27	15	42

CC = Core Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective, GE = Generic Elective
CA = Continuous Assessment, ESE = End of Semester Examination


 प्रोफेसर डॉ. शिवाजी सांगोळे
 अध्यक्ष
 हिन्दी अभ्यास मंडळ (B.O.S)
 डॉ. बाबासाहेब आंबेडकर मराठवाडा
 विद्यापीठ, औरंगाबाद


Dr. Babasaheb Ambedkar Marathwada University Aurangabad
Choice Based Credit System (CBCS) Course Structure
Faculty of Humanities
B.A./B.COM./BSC First Year Syllabus SL
Semester Pattern Effective from 2022-23 to onward
Subject: HINDI-SL

Semester	Course Code	Title of Course	Course Type	Lectures		Marks			Credits		
				Lectures / per week	Total Lectures	Theory	Internal Assessment	Total	Theory	Internal Assessment	Credits
I	AECC-1	सामान्य हिंदी-I	Core Course	04	60	40	10	50	2.5	0.5	3
II	AECC-2	सामान्य हिंदी-II	Core Course	04	60	40	10	50	2.5	0.5	3
Grand Total (Semester - I & II)				08	120	80	20	100	5	1	6


प्रोफेसर डॉ. शिवाजी सांगोळे
अध्यक्ष
हिन्दी अभ्यास मंडळ (B.O.S)
डॉ. बाबासाहेब आंबेडकर मराठवाडा
विद्यापीठ, औरंगाबाद

Dr. Babasaheb Ambedkar Marathwada University Aurangabad
Choice Based Credit System (CBCS) Course Structure
Faculty of Humanities
B.A First Year Syllabus OPTIONAL
Semester Pattern Effective from 2022-23 to onward
Subject: HINDI - OPTIONAL

Semester	Course Code	Title of Course	Course Type	Lectures		Marks			Credits		
				Lectures / per week	Total Lectures	Theory	Internal Assessment	Total	Theory	Internal Assessment	Credits
I	CC-1A	हिंदी साहित्य का इतिहास - I	Core Course	04	60	40	10	50	2.5	0.5	3
	CC-1B	आधुनिक कविता	Core Course	04	60	40	10	50	2.5	0.5	3
Total (Semester-I)				08	120	80	20	100	5	1	6
II	CC-1C	कथा साहित्य - I	Core Course	04	60	40	10	50	2.5	0.5	3
	CC-2C	मध्ययुगीन कविता	Core Course	04	60	40	10	50	2.5	0.5	3
Total (Semester-II)				08	120	80	20	100	5	1	6
Grand Total ((Semester - I & II)				16	240	160	40	200	10	2	12


प्रोफेसर डॉ. शिवाजी सांगोळे
अध्यक्ष
हिंदी अभ्यास मंडळ (B.O.S)
डॉ. बाबासाहेब आंबेडकर मराठवाडा
विद्यापीठ, औरंगाबाद

हिन्दी पाठ्यक्रम - जून 2022

क्रम	प्रश्न पत्र कोड	प्रश्न पत्र	सत्र
1	HIN SL - AECC-1	सामान्य हिन्दी - I ✓	I
2	HIN SL - AECC-2	सामान्य हिन्दी - II ✓	II
3	HIN OPT.- CC - 1A	हिन्दी साहित्य का इतिहास - I ✓	I
4	HIN OPT.- CC - 1B	आधुनिक कविता - III ✓	II
5	HIN OPT.- CC - 1C	कथा साहित्य - II ✓	I
6	HIN OPT.- CC - 2C	मध्ययुगीन कविता - IV ✓	II

हिन्दू पाठ्यक्रम - जून 2022

क्रम	प्रश्न पत्र कोड	प्रश्न पत्र	सत्र
1	HIN SL - AECC-1	सामान्य हिन्दी - I	I
2	HIN SL - AECC-2	सामान्य हिन्दी - II	II
3	HIN OPT.- CC - 1A	हिन्दी साहित्य का इतिहास - I	I
4	HIN OPT.- CC - 1B	आधुनिक कविता - II	I
5	HIN OPT.- CC - 1C	कथा साहित्य - III	II
6	HIN OPT.- CC - 2C	मध्ययुगीन कविता - IV	II

प्रश्नपत्र का प्रारूप एवं अंक विभाजन

प्रथम सत्र (Sem - I)

प्रश्नपत्र - सामान्य हिन्दी

HIN SL - AECC-1

अंक- 100

लिखित परीक्षा 80

अन्तर्गत मूल्यांकन - 20

समय: 3 घण्टे

अंक : 80

सूचना:

- 1) पहला और दूसरा प्रश्न अनिवार्य हैं।
- 2) शेष प्रश्नों में से किन्हीं चार के उत्तर लिखने हैं।
- 3) कुल छह प्रश्न लिखने हैं।
- 4) दायीं ओर प्रश्नों के पूर्णांक दिये हैं।

प्र. 1 समय पाठ्यक्रम पर वस्तुनिष्ठ प्रश्न	20
(अ) रिक्त स्थानों की पूर्ति कीजिए।	
(आ) एक वाक्य में उत्तर लिखिए।	
प्र. 2 कथा द्वादशी पर विकल्प सहित ससन्दर्भ व्याख्या कीजिए। (अ + आ)	12
प्र. 3 कथा द्वादशी पर दीर्घांतरी प्रश्न	12
प्र. 4 कथा द्वादशी पर दीर्घांतरी प्रश्न	12
प्र. 5 कथा द्वादशी पर दीर्घांतरी प्रश्न	12
प्र. 6 हिन्दी भाषा के पाठ्यक्रम पर दीर्घांतरी प्रश्न	12
प्र. 7 हिन्दी भाषा के पाठ्यक्रम पर दीर्घांतरी प्रश्न	12
प्र. 8 टिप्पणियाँ लिखिए।	12
अ) कथा द्वादशी पर विकल्प सहित टिप्पणी	
आ) हिन्दी भाषा के पाठ्यक्रम पर विकल्प सहित टिप्पणी	

अन्तर्गत मूल्यांकन परीक्षा 10 अंक

सेमिनार (संगोष्ठी) - 10 अंक

नोट - अन्तर्गत मूल्यांकन में दो बार दस-दस अंको की लिखित परीक्षा लेनी है और जिसमें अधिकतम अंक प्राप्त होंगे उसे अन्तिम परिणाम के रूप में स्वीकृत करना है।

प्रश्नपत्र का प्रारूप एवं अंक विभाजन

हिन्दी (ऐच्छिक) प्रश्नपत्र HIN OPT.

DSC-1 CC - 1A

प्रथम सत्र (Sem - I)

लिखित परीक्षा 80 अंतर्गत मूल्यांकन - 20

समय: 3 घण्टे

अंक : 80

सूचना:

- 1) पहला और दूसरा प्रश्न अनिवार्य हैं।
- 2) शेष प्रश्नों में से किन्हीं चार के उत्तर लिखने हैं।
- 3) कुल छह प्रश्न लिखने हैं।
- 4) दायीं ओर प्रश्नों के पूर्णांक दिये हैं।

प्र. 1 समग्र पाठ्यक्रम पर वस्तुनिष्ठ प्रश्न	20
(अ) रिक्त स्थानों की पूर्ति कीजिए।	10
(आ) एक वाक्य में उत्तर लिखिए।	
प्र. 2 प्रमुख कवि पर विकल्प सहित ससन्दर्भ व्याख्या कीजिए। (अ + आ)	12
प्र. 3 आदि काल पर दीर्घांतरी प्रश्न	12
प्र. 4 भक्तिकाल पर दीर्घांतरी प्रश्न	12
प्र. 5 रीति काल पर दीर्घांतरी प्रश्न	12
प्र. 6 प्रमुख कवि पर दीर्घांतरी प्रश्न	12
प्र. 7 रीति काव्य धारा पर दीर्घांतरी प्रश्न	12
प्र. 8 टिप्पणियाँ लिखिए।	12
अ) काल विभाजन पर विकल्प सहित टिप्पणी	
आ) नामकरण पर विकल्प सहित टिप्पणी	

अन्तर्गत मूल्यांकन परीक्षा 10 अंक

सेमिनार (संगोष्ठी) - 10 अंक

कुल 100 अंक

नोट - अन्तर्गत मूल्यांकन में दो बार दस-दस अंको की लिखित परीक्षा लेनी है और जिसमें अधिकतम अंक प्राप्त होंगे उसे अन्तिम परिणाम के रूप में स्वीकृत करना है।

प्रश्नपत्र का प्रारूप एवं अंक विभाजन

बी. ए. प्रथम वर्ष द्वितीय सत्र (SEM. II)

प्रश्नपत्र HIN OPT.

DSC-I CC - 1B आधुनिक कविता

लिखित परीक्षा - 80 अंक

समय 3 घण्टे

अंतर्गत मूल्यांकन 20

कुल अंक : 80

सूचना :

- 1) पहला और दूसरा प्रश्न अनिवार्य हैं।
- 2) शेष प्रश्नों में से किन्हीं चार के उत्तर लिखने हैं।
- 3) कुल छह प्रश्न लिखने हैं।
- 4) दायीं ओर प्रश्नों के पूर्णांक दिये हैं।

प्र. 1 समय पाठ्यक्रम पर वस्तुनिष्ठ प्रश्न	20
अ) रिक्त स्थानों की पूर्ति	10
आ) एक वाक्य में उत्तर लिखिए	10
प्र. 2 काव्य कुसुम की पठित कविताओं पर विकल्प सहित ससन्दर्भ व्याख्या कीजिए	12
प्र. 3 काव्य कुसुम पर दीर्घोत्तरी प्रश्न	12
प्र. 4 काव्य कुसुम पर पसरी प्रश्न	12
प्र. 5 काव्य कुसुम पर दीर्घोत्तरी प्रश्न	12
प्र. 6 खंड काव्य पर दीर्घोत्तरी प्रश्न	12
प्र. 7 खंड काव्य पर दीर्घोत्तरी प्रश्न	12
प्र. 8 टिप्पणियां लिखिए।	12
अ) काव्य कुसुम पर विकल्प सहित टिप्पणी	
आ) खंड काव्य पर विकल्प सहित टिप्पणी	

अन्तर्गत मूल्यांकन परीक्षा 10 अंक

सेमिनार 10 अंक

कुल 100 अंक

नोट - अन्तर्गत मूल्यांकन में दो बार दस-दस अंकों की लिखित परीक्षा लेनी है और जिसमें अधिकतम अंक प्राप्त होंगे उसे अन्तिम परिणाम के रूप में स्वीकृत करना है।

प्रश्नपत्र का प्रारूप एवं अंक विभाजन
हिन्दी (ऐच्छिक) प्रश्नपत्र

HIN OPT.

DSC-1 CC -- 1C कथा साहित्य - II

लिखित परीक्षा 80

समय: 3 घण्टे

अन्तर्गत मूल्यांकन - 20

अंक : 80

सूचना:

- 1) पहला और दूसरा प्रश्न अनिवार्य हैं।
- 2) शेष प्रश्नों में से किन्हीं चार के उत्तर लिखने हैं।
- 3) कुल छह प्रश्न लिखने हैं।
- 4) दायीं ओर प्रश्नों के पूर्णांक दिये हैं।

प्र. 1 समय पाठ्यक्रम पर वस्तुनिष्ठ प्रश्न	20
(अ) रिक्त स्थानों की पूर्ति कीजिए।	
(आ) एक वाक्य में उत्तर लिखिए।	
प्र. 2 कथोपदेश पर विकल्प सहित ससन्दर्भ व्याख्या कीजिए।	(अ + आ)
प्र. 3 कथोपदेश पर दीर्घोत्तरी प्रश्न	12
प्र. 4 उपन्यास - दीक्षांत पर दीर्घोत्तरी प्रश्न	12
प्र. 5 कथोपदेश पर दीर्घोत्तरी प्रश्न	12
प्र. 6 उपन्यास - दीक्षांत पर दीर्घोत्तरी प्रश्न	12
प्र. 7 हिन्दी भाषा के पाठ्यक्रम पर दीर्घोत्तरी प्रश्न	12
प्र. 8 टिप्पणियाँ लिखिए।	12
अ) कथोपदेश पर विकल्प सहित टिप्पणी	
आ) उपन्यास दीक्षांत पर विकल्प सहित टिप्पणी	

अन्तर्गत मूल्यांकन परीक्षा 10 अंक

सेमिनार (संगोष्ठी) - 10 अंक

नोट - अन्तर्गत मूल्यांकन में दो बार दस-दस अंको की लिखित परीक्षा लेनी है और जिसमें अधिकतम अंक प्राप्त होंगे उसे अन्तिम परिणाम के रूप में स्वीकृत करना है।

प्रश्नपत्र का प्रारूप एवं अंक विभाजन

बी. ए. प्रथम वर्ष द्वितीय सत्र (SEM. II)

हिन्दी (ऐच्छिक) HIN OPT.

DSC-1- CC - 2C मध्ययुगीन कविता - IV

लिखित परीक्षा - 80 अंक

समय 3 घण्टे

अन्तर्गत मूल्यांकन 20

कुल अंक : 80

सूचना :

- 1) पहला और दूसरा प्रश्न अनिवार्य हैं।
- 2) शेष प्रश्नों में से किन्हीं चार के उत्तर लिखने हैं।
- 3) कुल छह प्रश्न लिखने हैं।
- 4) दायीं ओर प्रश्नों के पूर्णांक दिये हैं।

प्र. 1 समग्र पाठ्यक्रम पर वस्तुनिष्ठ प्रश्न	20
अ) रिक्त स्थानों की पूर्ति कीजिए।	
आ) एक वाक्य में उत्तर लिखिए	
प्र. 2 पद्म परिमल की पठित कविताओं पर विकल्प सहित ससन्दर्भ व्याख्या कीजिए	12
प्र. 3 पद्म परिमल पर दीर्घांतरी प्रश्न	12
प्र. 4 पद्म परिमल पर दीर्घांतरी प्रश्न	12
प्र. 5 पद्म परिमल पर दीर्घांतरी प्रश्न	12
प्र. 6 अयोध्याकाण्ड पर दीर्घांतरी प्रश्न	12
प्र. 7 अयोध्याकाण्ड पर दीर्घांतरी प्रश्न	12
प्र. 8 टिप्पणियां लिखिए।	12
अ) पद्म परिमल पर विकल्प सहित टिप्पणी	
आ) अयोध्याकाण्ड पर विकल्प सहित टिप्पणी	

अन्तर्गत मूल्यांकन परीक्षा 10 अंक

सेमिनार 10 अंक

कुल 100 अंक

नोट - अन्तर्गत मूल्यांकन में दो बार दस-दस अंकों की लिखित परीक्षा लेनी है और जिसमें अधिकतम अंक प्राप्त होंगे उसे अन्तिम परिणाम के रूप में स्वीकृत करना है।

बी. ए./ बी. एस्सी. / बी. कॉम./ बी. एफ. ए./ बी. एस. डब्ल्यू प्रथम वर्ष प्रथम सत्र (SEM-I)

(द्वितीय भाषा)

प्रश्नपत्र - सामान्य हिन्दी

HIN SL - AECC - 1

समय - 3 घंटे

अंक 100

उद्देश्य :

साहित्य संवेदनाओं का विकास कराना।

हिन्दी कहानी का सामान्य परिचय कराना।

कहानी का रसास्वादन एवं सृजन क्षमता का विकास कराना।

भाषा कौशल का विकास कराना।

अध्ययन-अध्यापन पद्धति

1) व्याख्यान

2) इक-आठव माध्यम

3) सेमिनार

4) चर्चासत्र

पाठ्यक्रम :

अ) कहानी साहित्य

पाठ्यपुस्तक - 1) कथा द्वादशी - सम्पादक हिन्दी अध्ययन मण्डल, वाणी प्रकाशन, नई दिल्ली

पाठ्यक्रम में समाविष्ट कहानियाँ :-

1. प्रेमचन्द - पूस की रात 2. जयशंकर प्रसाद - ममता 3. सुदर्शन - हार की जीत 4. भगवतीचरण वर्मा -

मुगलों ने सलतनत बखश दी 5. फणीश्वरनाथ रेणु - तीसरी कसम 6. अमरकान्त - डिप्टी कलकटरी 7. मोहन

राकेश - आर्द्रा 8. धर्मवीर भारती - गुलकी बन्ने 9. मन्नू भण्डारी - यही सच है 10. उषा प्रियंवदा - वापसी

11. रमणिका गुप्ता - दाग दिया सच 12. स्वदेश दीपक - रफूजी

आ) हिन्दी भाषा :

1. हिन्दी भाषा उद्गम और विकास : सामान्य परिचय

2. हिन्दी मानक वर्णमाला एवं अंक लेखन

3. व्याकरणिक कोटियाँ-लिंग, वचन, कारक

4. भाषा कौशल - श्रवण, आषण, वाचन एवं लेखन

सन्दर्भ ग्रन्थ :

✓ 1) हिन्दी कहानी के सौ वर्ष - डॉ. एन. एम. सण्णी, जवाहर पुस्तकालय आगरा

✓ 2) हिन्दी कहानी: अन्तरंग पहचान - रामदरश मिश्र, वाणी प्रकाशन, नई दिल्ली

✓ 3) समकालीन कहानी नया परिप्रेक्ष्य - पुष्पपाल सिंह, सामयिक प्रकाशन, नई दिल्ली

✓ 4) हिन्दी भाषा का उद्गम और विकास - उदयनारायण तिवारी, लोकभारती प्रकाशन, नई दिल्ली

✗ 5) भाषा विज्ञान - भोलानाथ तिवारी वाणी प्रकाशन, नई दिल्ली

✗ 6) भाषा शिक्षण - डॉ. हणमन्तराव पाटिल, डॉ. सुधाकर शंडगे, विद्या प्रकाशन, कानपुर

✓ 7) व्यावहारिक हिन्दी व्याकरण हरदेव बाहरी लोकभारती प्रकाशन, इलाहाबाद

✗ 8) प्रयोजनमूलक हिन्दी - डॉ. माधव सोनटक्के, लोकभारती प्रकाशन, इलाहाबाद

✗ 9) व्यावहारिक हिन्दी - डॉ. माधव सोनटक्के, जयभारती प्रकाशन, इलाहाबाद

✗ 10) प्रयोजनमूलक हिन्दी - डॉ. अंबादास देशमुख, शैलजा प्रकाशन, कानपुर

बी.ए./ बी. एस्सी./बी. कॉम./ बी.एफ. ए/ बी. एस. डब्ल्यू प्रथम वर्ष प्रथम सत्र (SEM-II)

(द्वितीय भाषा)

प्रश्नपत्र - सामान्य हिन्दी

HIN SL - AECC-2

समय - 3 घंटे

अंक 100

उद्देश्य :

- साहित्य संवेदनाओं का विकास कराना।
हिन्दी कविता का सामान्य परिचय कराना।
कविता का रसास्वादन एवं सृजन क्षमता का विकास कराना।
भाषा कौशल का विकास कराना।

अध्ययन-अध्यापन पद्धति

- 1) व्याख्यान
- (2) दृक-श्राव्य माध्यम
- 3) सेमिनार
- 4) चर्चासत्र

पाठ्यक्रम

अ) पद्य साहित्य (कविताएँ)

अंक 60

पाठ्यपुस्तक -

काव्य इन्द्रधनु - सम्पादक- हिन्दी अध्ययन मण्डल, वाणी प्रकाशन, नई दिल्ली

पाठ्यक्रम में समाविष्ट कविताएँ

1. अमीर खुसरो (5 पहेलियाँ) - 1. एक शाल मोतियों से भरा, 2. बीसों का सिर काट लिया, 3. तरवर से इक तिरिया उतरी, 4. खड़ा भी लोटा पड़ा भी लोटा, 5. आदि काटे से सबको पारे
2. सन्त नामदेव (3 पद) - 1. जत्र जाऊँ तब बीठल मैला। 2. राम नाम की खेती राम नाम की बारी। 3. धूम ते बकला धूम ते सुरता
3. सन्त कबीर (5 दोहे) - 1. गुरु गोविन्द दोऊ खड़े 2. माटी कहे कुम्हार से 3. दुःख में सब सुगिरन करें 4. पाहन पूजे ते हरि मिलें 5. काँकर पाथर जोरी कै
4. मीराबाई (3 पद) - 1. मेरे तो गिरधर गोपाल 2. पायो जी में तो राम रतन धन पायो 3. हे शी में तो प्रेम दिवानी
5. रहीम (5 दोहे) - 1. रहिमन जे नर उत्तम प्रकृति 2. पावस देखि रहीम मनः 3. रहिमन देखि बडेन को 4. बड़े बड़ाई ना करै 5. रहिमन या संसार में सबसे
6. भूषण (3 पद) 1. इन्द्र जिमि जम्भ पर वाडव 2. राखी हिन्दुवानी हिन्दुवान को तिलक राख्यौ 3. निकसत म्यान तें मयूखें
7. अयोध्यासिंह उपाध्याय 'हरिऔध' - कर्मवीर
8. माखनलाल चतुर्वेदी - पुष्प की अगिलाषा
9. मैथिलीशरण गुप्त - शिक्षा की अवस्था
10. सूर्यकान्त त्रिपाठी निराला - तोड़ती पत्थर
11. सुदामा पाण्डे धूमिल - रोटी और संसद
12. अटलबिहारी वाजपेयी - कदम मिलाकर चलना होगा

आ) हिन्दी भाषा

अंक 40

- 1) हिन्दी शब्द सम्पदा (तत्सम तदभव, देशज, विदेशी, संकर, समानार्थी, विरुद्धार्थी, पर्यायवाची शब्द)
- 2) अशुद्धि शोधन
- 3) संगणक एवं इंटरनेट में हिन्दी के अनुप्रयोग
- 4) पत्रलेखन - निजी, सामाजिक, सरकारी, अर्ध सरकारी, ई मेल

सन्दर्भ ग्रन्थ :

- 1) आधुनिक हिन्दी कविता - विश्वनाथ प्रसाद तिवारी, लोकभारती प्रकाशन, इलाहाबाद
- 2) प्राचीन कवि - विश्वम्भर मानव लोकभारती प्रकाशन इलाहाबाद
- 3) आधुनिक कवि - विश्वम्भर मानव, रामकिशोर शर्मा, लोकभारती प्रकाशन, इलाहाबाद
- 4) आधुनिक कविता का पुनर्पाठ - करुणाशंकर उपाध्याय, राधाकृष्ण प्रकाशन, नई दिल्ली
- 5) कम्प्यूटर में भाषिक अनुप्रयोग - विजय कुमार मल्होत्रा, वाणी प्रकाशन, नई दिल्ली
- 6) व्यावहारिक हिन्दी व्याकरण - हरदेव बाहरी, लोकभारती प्रकाशन, इलाहाबाद
- 7) प्रयोजनमूलक हिन्दी - डॉ. माधव सोनटक्के, लोकभारती प्रकाशन, इलाहाबाद
- 8) व्यावहारिक हिन्दी व्याकरण - डॉ. माधव सोनटक्के, लोकभारती प्रकाशन, इलाहाबाद
- 9) प्रयोजनमूलक हिन्दी - डॉ. अंबादास देशमुख, शैलजा प्रकाशन, कानपुर

प्रश्नपत्र का प्रारूप एवं अंक विभाजन

प्रथम सत्र (Sem - II)

प्रश्नपत्र - सामान्य हिन्दी

HIN SL - AECC-2

अंक - 100

लिखित परीक्षा - 80

अंतर्गत मूल्यांकन - 20

समय: 3 घण्टे

अंक : 80

सूचना:

- 1) पहला और दूसरा प्रश्न अनिवार्य हैं।
- 2) शेष प्रश्नों में से किन्हीं चार के उत्तर लिखने हैं।
- 3) कुल छह प्रश्न लिखने हैं।
- 4) दार्ष्टिक और प्रश्नों के पूर्णक दिये हैं।

प्र. 1 समय पाठ्यक्रम पर वस्तुनिष्ठ प्रश्न

20

(अ) रिक्त स्थानों की पूर्ति कीजिए।

(आ) एक वाक्य में उत्तर लिखिए।

प्र. 2 काव्य इन्द्रधनु पर विकल्प सहित ससन्दर्भ व्याख्या कीजिए। (अ + आ)

12

प्र. 3 काव्य इन्द्रधनु पर दीर्घांतरी प्रश्न

12

प्र. 4 काव्य इन्द्रधनु पर दीर्घांतरी प्रश्न

12

प्र. 5 काव्य इन्द्रधनु पर दीर्घांतरी प्रश्न

12

प्र. 6 "हिन्दी भाषा के पाठ्यक्रम पर दीर्घांतरी प्रश्न

12

प्र. 7 हिन्दी भाषा के पाठ्यक्रम पर दीर्घांतरी प्रश्न

12

प्र. 8 टिप्पणियाँ लिखिए।

12

अ) काव्य इन्द्रधनु पर विकल्प सहित टिप्पणी

आ) हिन्दी भाषा के पाठ्यक्रम पर विकल्प सहित टिप्पणी

अन्तर्गत मूल्यांकन परीक्षा 10 अंक सेमिनार (संगोष्ठी) - 10 अंक

नोट - अन्तर्गत मूल्यांकन में दो बार दस-दस अंको की लिखित परीक्षा लेनी है और जिसमें अधिकतम अंक प्राप्त होंगे उसे अन्तिम परिणाम के रूप में स्वीकृत करना है।

बी. ए. प्रथम वर्ष प्रथम सत्र (SEM - 1)

हिन्दी (ऐच्छिक) प्रश्नपत्र HIN OPT.

DSC-1 CC - 1A

हिन्दी साहित्य का इतिहास (आदि तथा मध्यकाल) भाग - I

समय - 3 घंटे

अंक 100

• उद्देश्य :-

1. साहित्य इतिहास लेखन तथा उसकी परम्परा का अध्ययन
2. साहित्य और युगबोध के संबंधों का अध्ययन
3. साहित्य अध्ययन की ऐतिहासिक दृष्टि का विकास

• अध्ययन-अध्यापन पद्धति :-

1. व्याख्यान
2. दृक-श्राव्य साधनों का प्रयोग
3. गोष्ठी, परिचर्चा एवं स्वाध्याय
4. अतिथि विद्वानों के व्याख्यान

पाठ्यक्रम :

1. काल विभाजन एवं नामकरण
2. आदिकालीन हिन्दी साहित्य की सामान्य विशेषताएँ ।
3. भक्ति आन्दोलन : सामाजिक-सांस्कृतिक पृष्ठभूमि, भक्तिकाल की सामान्य विशेषताएँ ।
4. प्रमुख कवि - कबीर (पांच दोहे) , सूर (दो पद) , तुलसी (दो पद) एवं रहीम (पांच दोहे)

संत कबीर के दोहे

संत न छाई सतई जे कोटिक मिलै असंत ।
चंदन भुवंगम बैठिया शीतलता न तजंत ॥ 1 ॥
सुखिया सब संसार है खावै अरु सोवै ।
दुखिया दास कबीर है जागै अरु रोवै ॥ 2 ॥
कबीर का घर शिखर पर जहाँ सिलहली गैल ।
पाँव न टिकै पिपीलिका खलकन लाटै बैल ॥ 3 ॥
विरह कमंडल कर लिए बैरागी दो नैन ।
भाँगे दरस माधुकरि धकै रहत दिन रैन ॥ 4 ॥
पछ पछी के कारनै सब जग रहा भूलान ।
निरपछ है कै हरि भजे सोइ संत सुजान ॥ 5 ॥

सूरदास के पद

मैया मोहि दाऊ बहुत खिझायो ।
मो सो कहत मोल के लीगो, तोहि जसुमति कब जायो ॥
कहा कहीं एही रिस के मारे, खेलन हीं नहिं जातु ।
पुनि पुनि कहत कौन है माता, को है तुम्हारे तातु ॥
गोरे नन्द जसोदा गोरी, तुम कत स्याम सरीर ।
घुटकी दै दै हैंसते ग्वाल सब, सिखै देत बलवीर ॥ 1 ॥
संदेसों देवकी सो कहियौ ।
हौं तो धाय तिहारे सुत की, दया करत ही रहियौ ॥
जदपि देख तुम जानति उनकी, तऊ मोहिं कहत आवै ।
प्रात होत मेरे लाल लडैते, माखन रोटी भावै ॥
तेल उबटनीं अरु तातौं जल, ताहिं देखि भजि जाते ।
जोई-जोई माँगत सोई-सोई देती, क्रम-क्रम करि के न्हाते ॥
सूर पथिक सुन मोहिं रैनि दिन, बढ़यो रहत उर सोच ।
मेरो अलक लडैतो मोहन, है है करत संकोच ॥ 2 ॥

तुलसीदास के पद

बिनु पग चलइ सुनहि बिनु काना।
कर बिनु कर्म करहिं विधि नाना।।
आनन रहित सकल रस भोगी।
बिनु वानी वक्ता बड जोगी।।
तन बिनु परसु नयन बिनु देखा।
ग्रहइ घाण बिनु वास अरोषा।।।।

(रामचरित मानस बाल कांड)

अब लौं नसानी, अब न नरैहौं ।

राम-कृपा भव-निरा शिरानी, जागे फिरि न इसैहौं ॥

पायेउँ नाम चारु चिंतामनि, उर कर तै न खसैहौं।

स्यामरूप सुचि रुचिर कसौटी, चित कंचनहिं कसैहौं ॥

परबस जानि हँस्यो इन इद्रिन, निज बस हवै न हँसैहौं।

मन मधुकर पनके तुलसी रघुपति-पद-कमल बसैहौं ॥2॥

(विनय पत्रिका)

रहीम के दोहे

अब रहीम मुश्किल पड़ी, गाढ़े दोऊ काम।
साँचे से तो जग नहीं, झूठे मिलें न राम ॥1१॥

एकै साथे सब साथे, सब साथे सब जाय ।
रहिमन मूलहिं सींचिबो, फूलै फलै अघाय ॥2॥

खैर, खून, खाँसी, खुसी, बैर, प्रीति, मदपान ।
रहिमन दावे ना दबै, जानत सकल जहान ॥3॥

छिन्ना बड़न को चाहिए, छोटेन को उतपात ।
का रहिमन हरि को घटयो, जो भृगु मारी लात ॥4॥

जैसी जाकी बुद्धि है, तैसी कहे बनाय ।
ताकों बुरा न मानिए, लेन कहाँ सो जाय ॥5॥

5. रीतिकाल की ऐतिहासिक पृष्ठभूमि, रीतिबद्ध, रीतिसिद्ध तथा रीतिमुक्त काव्य धारा - सामान्य परिचय ।

संदर्भ ग्रंथ :-

1. हिंदी साहित्य का इतिहास : आ. रामचंद्र शुक्ल : नागरी प्रचारिणी सभा, वाराणसी
2. हिंदी साहित्य का वैज्ञानिक इतिहास : गणपतिचंद्र गुप्त, लोकभारती प्रकाशन, इलाहाबाद
3. हिंदी साहित्य की भूमिका : हजारीप्रसाद द्विवेदी, लोकभारती प्रकाशन, इलाहाबाद
4. हिंदी साहित्य का दूसरा इतिहास : डॉ. बळवन सिंह, राधाकृष्ण प्रकाशन, नई दिल्ली
5. हिंदी साहित्य का अतीत (भाग 1/2) : डॉ. विश्वनाथ प्रसाद त्रिपाठी, वाणी प्रकाशन, नई दिल्ली
6. हिंदी साहित्य का आदिकाल : हजारी प्रसाद द्विवेदी, वाणी प्रकाशन, नई दिल्ली
7. हिंदी साहित्य का इतिहास : सं. डॉ. नगेंद्र, मयूर पेपर बैक्स, चोएडा
8. हिंदी साहित्य का इतिहास : डॉ. माधव सोनटक्के, विकास प्रकाशन, कानपुर
9. हिंदी साहित्य का सही इतिहास - डॉ. चन्द्रभानु सोनवने, आलोक प्रकाशन, औरंगाबाद
10. हिंदी साहित्य का आधा इतिहास - डॉ. सुमन राजे, भारतीय ज्ञानपीठ, दिल्ली

बी. ए. प्रथम वर्ष द्वितीय सत्र (SEM II)
हिन्दी (ऐच्छिक)

प्रश्नपत्र HIN OPT.

DSC-1 CC - 1B आधुनिक कविता

समय - 3 घंटे

A

अंक 100

उद्देश्य:

- साहित्य संवेदनाओं का विकास कराना।
हिन्दी कविता का सामान्य परिचय कराना।
कविता का रसास्वादन एवं सृजन क्षमता का विकास कराना।
भाषा कौशल का विकास कराना।

अध्ययन-अध्यापन पद्धति:

- 1) व्याख्यान
- 2) श्रवण-श्राव्य माध्यम
- (3) सेमिनार
- 4) चर्चासत्र

पाठ्यक्रम :

1) पाठ्यपुस्तक - काव्य कुसुम - सम्पा - हिन्दी अध्ययन मण्डल, राजकमल प्रकाशन, नई दिल्ली 60अंक
पाठ्यक्रम में समाविष्ट कवि :

- 1) भारतेन्दु हरिश्चन्द्र - मातृभाषा प्रेम के दोहे - 1. निज भाषा उन्नति 2. अंग्रेजी पढ़ि के जदपि 3. उन्नति पूरी है तबहिं 4. निज भाषा उन्नति बिना 5. इक भाषा इक जीव 6. और एक अति लाभ यह, 7. तेहि मुनि पाथै लाभ 8. विविध कला शिक्षा 9. भारत में सब भिन्न 10. सब मिली तासी
- 2) राष्ट्रसन्त तुकडोजी महाराज - भजन 1. हर देश में तू 2. मुझे प्यारा भारत मेरा 3. दूर गए हरिजन
- 3) सुभद्राकुमारी चौहान - वीरों का कैसे हो वसन्त?
- 4) जयशंकर प्रसाद - भारत महिमा
- 5) डॉ. हरिवंशराय बच्चन - प्याला
- 6) रामधारीसिंह दिनकर - सिंहासन खाली करो
- 7) भवानी प्रसाद मिश्र - गीत फरोश
- 8) नागार्जुन - प्रेत का बयान
- 9) दुष्यन्तकुमार त्यागी - चीथड़े में हिन्दुस्तान
- (10) ओमप्रकाश वाल्मीकि - बरस! बहुत हो चुका
- (11) निर्मला पुतुल - उतनी दूर मत ब्याहना बाबा

2. राहुल - खंड काव्य - जयप्रकाश कर्दम, अमन प्रकाशन, कानपुर
सन्दर्भ ग्रन्थ :

अंक 40

- 1) आधुनिक कविता का पुनर्पाठ डॉ. करणाशंकर उपाध्याय, राधाकृष्ण प्रकाशन, नई दिल्ली
- 2) आधुनिक हिन्दी कविता- विश्वनाथ प्रसाद तिवारी, राजकमल प्रकाशन, नई दिल्ली
- 3) आधुनिक कवि विश्वम्भर मानव, राजकमल प्रकाशन, नई दिल्ली
- 4) आधुनिक हिन्दी कविता में विचार बलदेव वंशी, वाणी प्रकाशन, नई दिल्ली

प्रोफेसर डॉ. शिवाजी सांगोळे
अध्यक्ष
हिन्दी अभ्यास मंडल (B.O.S)
डॉ. बाबासहेब आंबेडकर मराठवाडा
विद्यापीठ, औरंगाबाद

बी. ए. प्रथम वर्ष प्रथम सत्र (SEM - II)

हिन्दी (ऐच्छिक) प्रश्नपत्र

HIN OPT.

DSC-1 CC -- - 1C कथा साहित्य - II

समय - 3 घंटे

अंक 100

उद्देश्य :

साहित्य संवेदनाओं का विकास करना।
हिन्दी कहानी का सामान्य परिचय करना।
कहानी का रसास्वादन एवं सृजन क्षमता का विकास करना।
भाषा कौशल का विकास करना।

अध्ययन-अध्यापन पद्धति

- 1) व्याख्यान
- 2) दृक-श्राव्य माध्यम
- 3) सेमिनार
- 4) चर्चासत्र

पाठ्यक्रम :

अ) कहानी साहित्य

अंक - 60

पाठ्यपुस्तक - 1) कथोपदेश - सम्पादक हिन्दी अध्ययन मण्डल, राजकमल प्रकाशन, नई दिल्ली
पाठ्यक्रम में समाविष्ट कहानियाँ :-

- 1) उसने कहा था - चंद्रधर शर्मा गुलेरी 2) सिक्का बदल गया - कृष्णा सोबती 3) घुसपैटिए - ओमप्रकाश वाल्मीकि 4) तसबीह - भजूर एहतेशाम 5) ख्वाहिशों के पैबंद - तेजेन्द्र शर्मा 6) केशर कस्तुरी - शिवमूर्ति
- 7) सिमटती खाई - राकेश मिश्र 8) आखरी शर्त - मालती जोशी 9) पाँचवा बेटा - नासिरा शर्मा
- 10) चाँदनी रातें - विनोद कुमार 11) विकल्प - वाल्टर भेंगरा 'तरुण 12) कानूनी और गैरकानूनी - राधाकृष्ण

आ) उपन्यास - दीक्षांत - सूर्यबाला - अमन प्रकाशन, कानपुर

40 अंक

सन्दर्भ ग्रन्थ :

- 1) हिन्दी कहानी के सौ वर्ष डॉ. एन. एम. सण्णी, जवाहर पुस्तकालय आगरा
- 2) हिन्दी कहानी: अन्तरंग पहचान रामदरश मिश्र, वाणी प्रकाशन, नई दिल्ली
- 3) समकालीन कहानी नया परिप्रेक्ष्य पुष्पपाल सिंह, सामयिक प्रकाशन, नई दिल्ली
- 4) नयी कहानी : संदर्भ और प्रकृति : देवीशंकर अवस्थी
- 5) नयी कहानी की शूमिका : कमलेश्वर
- 6) एक दुनिया समानांतर : राजेंद्र यादव

बी. ए. प्रथम वर्ष द्वितीय सत्र (SEM II)

हिन्दी (ऐच्छिक) HIN OPT.

DSC-1- CC - 2C मध्ययुगीन कविता - IV

समय - 3 घंटे

अंक 100

उद्देश्य:

साहित्य संवेदनाओं का विकास कराना।

हिन्दी कविता का सामान्य परिचय कराना।

कविता का रसास्वादन एवं सृजन क्षमता का विकास कराना।

भाषा कौशल का विकास कराना।

अध्ययन-अध्यापन पद्धति:

1) व्याख्यान

2) एक-श्राव्य माध्यम

(3) सेमिनार

4) चर्चासत्र

पाठ्यक्रम:

अ) पाठ्यपुस्तक - पद्य-परिमल - सम्पा.-हिन्दी अध्ययन मण्डल, लोकभारती प्रकाशन, इलाहाबाद

60अंक

पाठ्यक्रम में समाविष्ट कवि :

1) संत नामदेव - 1. समै घट रामु बोलै रामा बोलै ॥ 2. ऐसो राम राइ अंतरजामी ॥

2) सन्त कबीर - 1.दुलहनी गावहूँ मंगलाचार 2. काहे रे नलिनी तू कुम्हलानी तू 3. मो को कहाँ दूटे रे बन्दे

3) सन्त रैदास - 1.प्रभुजी तुम चन्दन हम पानी 2. संत ची संगति सत कथा रसु 3. ऐसी भगति न होइ रे आई

4) मलिक मुहम्मद जायसी - पद्मावत उपसंहार खण्ड

5) सूरदास - 1.मैया मोरी में नहीं माखन खायो 2.जसोदा हरि पालने झुलावे 3.ऊधौं मन नहीं दस बीस

6) सन्त मीराबाई - 1.पग घूंगरू बाँध मीरा नाची री 2. माई री म्हा लियोँ गौविंदो मोल 3. मेरे लो गिरधर गोपाल

7) रहीम - 1. रहिमन धागा प्रेम का 2. रहिमन पानी राखिए 3. जो गति रहीम दीप की

4. एकै साधे सब सधे 5. बिगरी बात बने नहिं

8) सन्त तुकाराम - 1.आप तरे त्याकी कौन बड़ाई 2. जग तरे उस घाट कौन जाय 3.बार-बार काहे मरत अभागी

9) बिहारी - 1. नहिं पराग नहिं मधुर मधु 2. कनक कनक ते सौ गुनी 3. संगति सुगति न पावहिं

4. कहत नटत रिझत खीझत 5. मेरी भव बाधा हरौ

10) भूषण - 1. साजि चतुरंग वीर रंग 2. ऊँचे घोर मन्दर के अन्दर 3. सबन के ऊपर ठाढ़ो रहिबे को जोग

11) नृपशम्भू - 1. सासू कहै दधि बेचन 2. रूप को कूप बखानत 3.छत्र, गज, चामर, तुरंग

12) घनानंद - 1. अति सूधो सनेह को मारग है जहाँ नेकु सयानप बाँक नहीं।

2. झलकै अति सुन्दर आनन गौर, छके दग राजत काननि छुवै।

आ) महाकाव्यांश - रामचरितमानस - गोस्वामी तुलसीदास (अयोध्याकाण्ड दोहा-चौपाई 251-300)

सन्दर्भ ग्रन्थ :

1. प्राचीन कवि - विश्वम्भर मानव, राजकमल प्रकाशन, नई दिल्ली 2. भक्तिकाव्य और लोकजीवन - शिवकुमार

मिश्र, वाणी प्रकाशन, नई दिल्ली 3. भारतीय भक्ति साहित्य राजमल बोरा, वाणी प्रकाशन, नई दिल्ली 5. हिन्दी

साहित्य की भूमिका - आचार्य हजारीप्रसाद द्विवेदी, लोकभारती प्रकाशन, इलाहाबाद 6. भक्ति आन्दोलन और

भक्तिकाव्य - शिवकुमार मिश्र, राजकमल प्रकाशन, नई दिल्ली

4. रामचरितमानस गोस्वामी तुलसीदास, गीताप्रेस गोरखपुर

:: 02 ::

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**DR. BABASAHEB AMBEDKAR MARATHWADA
UNIVERSITY, AURANGABAD.**



**Syllabus of
Subject: Marathi**

**B.A. I Year
Semester - I & II**

**Dean
Faculty of Humanities,
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad.**

Effective from 2022-2023 Year





डॉ.बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.

मराठी विषयाचा पुनर्रचित अभ्यासक्रम जून २०२२

प्रथम वर्ष कला (F.Y. B.A.)

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पहिले	निवडक अभंग (अभंग आविष्कार)	ऐच्छिक	अभ्यासपत्रिका - १ ली	CC-1A(1) Marathi	नियमित
	साहित्याचे विशेष अध्ययन : चरित्र - आत्मचरित्र	ऐच्छिक	अभ्यासपत्रिका - १ ली	CC-1A(1) Marathi	पर्यायी
पहिले	निवडक कथा (कथार्थ)	ऐच्छिक	अभ्यासपत्रिका - २ री	CC-1A(2) Marathi	नियमित
	साहित्याचे विशेष अध्ययन : प्रवासवर्णन	ऐच्छिक	अभ्यासपत्रिका - २ री	CC-1A(2) Marathi	पर्यायी
दुसरे	निवडक ललित गद्य (ललित गंध)	ऐच्छिक	अभ्यासपत्रिका - ३ री	CC-1B(3) Marathi	नियमित
	साहित्याचे विशेष अध्ययन : विज्ञानकथा	ऐच्छिक	अभ्यासपत्रिका - ३ री	CC-1B(3) Marathi	पर्यायी
दुसरे	निवडक आधुनिक कविता	ऐच्छिक	अभ्यासपत्रिका - ४ री	CC-1B(4) Marathi	नियमित
	साहित्याचे विशेष अध्ययन : बालसाहित्य	ऐच्छिक	अभ्यासपत्रिका - ४ री	CC-1B(4) Marathi	पर्यायी



डॉ.बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.

जून २०२२ पासून- नवीन अभ्यासक्रम (CBCS)

बी.ए.,बी.एस्सी प्रथम वर्ष (प्रथम सत्र)

भारतीय भाषा : मराठी (भाग-१)

अभ्यासपत्रिका-१ ली

संकेतांक - AECC-1 Marathi

उद्दिष्टे -

- १) मराठीतील वैविध्यपूर्ण सृजनाविष्काराचा आस्वाद घेण्याची अभिरूची निर्माण करून कलाकृतीतील सौंदर्यस्थळांचा शोध घेण्याची वृत्ती वाढीस लावणे. *Humana U.*
- २) विद्यार्थ्यांमध्ये नीतिमूल्यांचे व वैज्ञानिक जाणिवांचे संस्करण करणे.
- ३) राष्ट्रीय एकात्मता व बंधुभाव वाढीस लागण्यास मदत करणे.
- ४) निवडक गद्य व काव्याच्या अनुषंगाने मराठी साहित्यातील विविध प्रवाहांचा परिचय करून देणे.
- ५) उपयोजित मराठीच्या माध्यमातून रोजगारभिमुख शिक्षण देऊन व्यावसायिक वृत्ती वाढविणे व स्वावलंबी बनवण्यास मदत करणे.
- ६) भाषिक लेखनाचा स्तर उंचावण्यास मदत करणे.
- ७) सर्जनासाठी विद्यार्थ्यांना उद्युक्त करणे.

(सत्र- पहिले)

काव्य विभाग

१. वचन - महात्मा बसवेश्वर
२. इये मन्हाठिचिये नगरी - संत ज्ञानेश्वर
३. अवघा रंग एक झाला - संत सोयराबाई
४. पतित तू पावना - संत कान्होपात्रा

५. बाजार - संत एकनाथ
६. चित्त शुद्ध तरी - संत तुकाराम
७. चंदनाचा संग लाधलिया वृक्ष - संत बहिणाबाई
८. फटका - अनंत फंदी
९. तयास मानव म्हणावे का ? - सावित्रीबाई फुले — Human values.
१०. आम्ही कोण ? - केशवसुत
११. देव दिसला, देव कोठे ? - बहिणाबाई चौधरी
१२. फुलराणी - बालकवी

गद्य विभाग

१. रुंभणेयाचा दृष्टांत - केशीराज बास
२. मराठी ग्रंथकार सभेस पत्र - महात्मा फुले
३. स्त्री- पुरुष तुलना - ताराबाई शिंदे — Gender.
४. शील व सीजन्य - डॉ. बाबासाहेब आंबेडकर
५. कला व जीवन - साने गुरुजी — Human values.
६. डोळे - अण्णा भाऊ साठे

उपयोजित मराठी — professional ethics

१. लेखन विषयक नियम
२. विरामचिन्हे
३. ब्लॉग लेखन
४. गीत लेखन

प्रकल्प लेखन —

१. शिबिरातील रोजनिशी
२. प्रवास नोंदी
३. मुलाखत (कामगार, छोटे व्यावसायिक, रोजंदारीवरील कामगार)
४. ओवी संकलन व विश्लेषण



डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.

जून २०२२ पासून- नवीन अभ्यासक्रम (CBCS)

बी.ए., बी.एससी प्रथम वर्ष (प्रथम सत्र) अभ्यासपत्रिका-२ री

संकेतांक - AECC-2 Marathi

भारतीय भाषा : मराठी (भाग-२)

काव्य विभाग

१. या झोपडीत माझ्या - राष्ट्रसंत तुकडोजी महाराज
२. प्रार्थना - कुसुमाग्रज
३. तुझ्या मताचे - वामनदादा कर्डक
४. सांगा कसं जगायचं ? - मंगेश पाडगावकर — professional ethics.
५. आल्या जुळून तारा - सुहासिनी इलेंकर
६. समाधान - फ.म. शहाजिंदे
७. जीवनाचा शोध घेताना - वाहरू सोनवणे — Human values
८. शिकवण - नारायण कुलकर्णी कवठेकर — " — .
९. कळा सोसताना - जगदीश कदम
१०. जीवाचा आटापिटा - लोकनाथ यशवंत
११. बाप म्हणायचा - इंद्रजित भालेराव
१२. युद्ध - नीरजा

गद्य विभाग

१. ज्ञात-अज्ञात अहिल्याबाई होळकर - विनया खडपेकर
२. खोप - रा.रं.बोराडे
३. बिनदरदी - भीमराव वाघचौरे
४. क्लोरोफिल - रेखा बैजल
५. निश्चल डोंगरगाव, प्रेमळ माणसं - बा.भो.शास्त्री
६. लॉरी बेकर - अतुल देऊळगावकर

उपयोजित मराठी - professional ethics.

- १) पुस्तक परीक्षण
- २) नाट्य परीक्षण (प्रयोगाचे आकलन)
- ३) पटकथा (संकल्पना समजून घेणे.)
- ४) जाहिरात लेखन

प्रकल्प लेखन

प्रकल्प लेखनाच्या संदर्भात पुढील विषयाच्या अनुषंगाने ०१ श्रेयांकात अध्यापकाने मार्गदर्शन करणे अभिप्रेत आहे.

- १) म्हणी संकलन व विश्लेषण
- २) घोषवाक्य (वेगवेगळ्या विषयावरील दहा घोषवाक्य तयार करून विश्लेषण करणे)
- ३) संवादलेखन
- ४) मुलाखत (साहित्यिक, लोकप्रतिनिधी, प्रशासक, कर्तबगार व्यक्ती)

टीप : प्रकल्प लेखनासाठी प्रत्येक सत्रात उपनिर्देशित विषयातील एखादा विषय निवडून २००० शब्द मर्यादित लिहावा.

* भारांश : काव्य -१५, गद्य- १५, उपयोजित मराठी १० गुण, प्रकल्पलेखन -१० गुण = एकूण ५० गुण
प्रश्नपत्रिकेचे स्वरूप
|४० गुण|

सूचना :

- पहिला प्रश्न सोडविणे अनिवार्य

प्रश्न १ ला : १) बहुपर्यायी - १० गुण

प्रश्न २ रा : पुढील प्रश्नांची सविस्तर उत्तरे लिहा. (कोणतेही दोन) १० गुण

प्रश्न ३ रा : पुढील प्रश्नांची सविस्तर उत्तरे लिहा. (कोणतेही दोन) १० गुण

प्रश्न ४ था : टीपा लिहा. (कोणतेही दोन) १० गुण

(उपरोक्त प्रश्नपत्रिकेचे स्वरूप सर्व अभ्यासपत्रिकांना लागू आहे.)



डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.

जून २०२२ पासून - नवीन अभ्यासक्रम (CBCS)

बी.ए.प्रथम (प्रथम सत्र)

अभ्यासपत्रिका १ली - ऐच्छिक मराठी

निवडक अभंग (अभंग आविष्कार)

उद्दिष्टे -

- १) संत साहित्याचा आणि त्या प्रवाहाचा परिचय करून देणे.
- २) 'अभंग' प्रकाराचे स्वरूप विशेष (फॉर्म) लक्षात आणून देणे.
- ३) निवडक अभंगातील आशय व अभिव्यक्ती समजून सांगतानाच अभंगातील मूल्यविचार उलगडून दाखवणे.
- ४) संतांच्या अभंग रचनेतील पृथगात्मता व साम्य स्थळांचा उलगडा करणे.
- ५) आजच्या काळात अभंगाची उपयुक्तता सांगतानाच 'अभंगा'चे अक्षरत्व व कालातीतता सिद्ध करणे.

अभ्यासक्रम

१) संत ज्ञानेश्वर

- १) निर्जिवां दगडांची काय करिसि सेवा ।
- २) चोराचियासंगें क्रमितां पै पंध ।
- ३) कापुरा अग्नि स्नेह जाला ।
- ४) ये सातें आलिया वोळंगा सारंगधरु ।

३) संत गोरा कुंभार

- १) मुकिया साखर चाखाया दिधली
- २) केशवाचे भेटी लागले पिसें ।
- ३) निर्गुणाचा संग धरिला जो आवडी ।
- ४) एकमेकांमाजी भाव एकविध

२) संत नामदेव

- १) मनाचें मनपण सांडितां रोकडे ।
- २) धनमानबळें नाठविसी देवा ।
- ३) शेवटिली पाळी तेव्हा मनुष्य जन्म ।
- ४) देहाचें ममत्व नाही जों तुटलें ।
- ५) मिथ्या माया जाळ मृगजळ बाधा ।

४) संत सेना न्हावी

- १) चित्त नाही हातीं
- २) करितां परोपकार । — Human value
- ३) धन कोणा कामा आले — " —
- ४) जेथे वेदा न कळे पार

५) संत चोखामेळा

- १) भेदाभेद कर्म नकळे त्याचे वर्म ।
- २) पंचही भूतांचा एकचि विटाळ ।
- ३) कोण तो सोंवळा कोण तो वोवळा ।
- ४) ऊस डोंगा परी रस नव्हे डोंगा ।

६) संत जनाबाई

- १) पक्षी जाय दिगंतरां ।
- २) देहाचा पालट विठोबाचे भेटी ।
- ३) संत भार पंढरीत ।
- ४) माझे मनीं जें जें होतें ।

७) संत एकनाथ

- १) न जायेचि ताठा नित्य खटाटोप ।
- २) स्वहिताकारणें संगती साधूची ।
- ३) बहुतां सुकृतीं नरदेह लाधला ।
- ४) जें जें दृष्टी दिसे तें तें हरिरूप ।

८) संत तुकाराम

- १) घरोघरी अवघे झाले ब्रह्मज्ञान ।
- २) जीवन हे मुक्त नर जाले पावन ।
- ३) जोडोनियां धन उत्तम वेव्हारें ।
- ४) त्याग तरी ऐसा करा ।
- ५) पुण्य परपकार पाप ते परपीडा ।
- ६) जळो तैसा प्रेम रंग ।

प्रकल्प लेखन

- १) आपल्या आवडीनुसार एका संताचे चरित्र लेखन करा.
- २) कोणत्याही एका संताच्या पाच अभागांचे रसग्रहण (नोट: अभ्याक्रमातील अभागाव्यतिरिक्त आपल्या आवडीनुसार संत निवडावेत.)

३) संतांच्या रचनेतील

१) अंधश्रद्धा निर्मूलन

२) पर्यावरण विचार

३) सामाजिक समता

४) वैज्ञानिक दृष्टीकोन

} Environment
4
Sustainability.

यापैकी कोणत्याही एका विषयावर २००० शब्द मर्यादित प्रकल्प तयार करणे.

४) मुलाखत.

अ) कीर्तनकाराची मुलाखत

ब) प्रवचनकार

क) भारुडकार

टीप : वरीलपैकी कोणताही एक विषय निवडून विद्यार्थ्यांनी २००० शब्दांपर्यंत प्रकल्प पूर्ण करणे.



डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.

(पर्यायी अभ्यासपत्रिका)

जून २०२२ पासून- नवीन अभ्यासक्रम (CBCS)

बी.ए. प्रथम वर्ष (प्रथम सत्र)

संकेतांक - CC-1A(1) Marathi

मराठी (ऐच्छिक) अभ्यासपत्रिका-१ (पर्यायी अभ्यासपत्रिका)

साहित्याचे विशेष अध्ययन : चरित्र-आत्मचरित्र

उद्दिष्टे -

- १) चरित्र-आत्मचरित्र प्रकाराचे स्वरूप-विशेष यांची माहिती देणे.
- २) चरित्र-आत्मचरित्र परंपरा व प्रकारांचा परिचय करून देणे.
- ३) निवडक चरित्र-आत्मचरित्र माध्यमातून विद्यार्थ्यांच्या आकलन व आस्वादात्मक वाढीला चालना देणे.
- ४) निवडक चरित्र-आत्मचरित्रांच्या आधारे विद्यार्थ्यांना कलामूल्ये व जीवनमूल्ये यांचा परिचय करून देत मूल्यांचे संस्करण करणे.
- ५) वाङ्मयीन अभिरूची वाढीस लावून विद्यार्थ्यांना चरित्र-आत्मचरित्र सृजनाविष्कारास उद्युक्त करणे.
- ६) चरित्र-आत्मचरित्र लेखनातील वाङ्मयीन मूल्ये व भाषिक रूपे लक्षात आणून देणे.
- ७) चरित्र-आत्मचरित्रांच्या अनुषंगाने समकालीन जाणिवा व तत्कालीन सामाजिक स्थिती जाणून घेण्यास मदत करणे.

अभ्यासक्रम

अभ्यासक्रमासाठी नेमलेल्या साहित्यकृती

- १) जेव्हा गुराखी राजा होतो. (चरित्र) - निंबाजीराव पवार, राजहंस प्रकाशन
- २) बॅरिस्टरचं कार्ट. (आत्मचरित्र) - डॉ. हिम्मतराव बावस्कर, मॅजिस्टिक प्रकाशन

प्रकल्प लेखन

- कोणत्याही एका चरित्र - आत्मचरित्राचे परीक्षण लिहा.



डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.

जून २०२२ पासून- नवीन अभ्यासक्रम (CBCS)

बी.ए. प्रथम (प्रथम सत्र)

अभ्यासपत्रिका २ री- ऐच्छिक मराठी

निवडक कथा (कथार्थ)

संकेतांक - CC-1A(2) Marathi

उद्दिष्टे-

- १) कथा वाङ्मय प्रकाराचे स्वरूप-विशेष व प्रेरणा यांची माहिती देणे.
- २) कथा वाङ्मयाची परंपरा, विविध प्रवाह, प्रकारांचा परिचय करून देणे.
- ३) निवडक कथांच्या माध्यमातून विद्यार्थ्यांच्या आकलन व आस्वादात्मक वाढीला चालना देणे.
- ४) निवडक कथांच्या आधारे विद्यार्थ्यांना कलामूल्ये व जीवनमूल्ये यांचा परिचय करून देत मूल्यांचे संस्करण करणे.
- ५) वाङ्मयीन अभिरूची वाढीस लावून विद्यार्थ्यांना कथात्म सृजनाविष्कारास उद्युक्त करणे .
- ६) कथेची वाङ्मयीन मूल्ये व भाषिक रूपे लक्षात आणून देणे .
- ७) कथेच्या अनुषंगाने समकालीन जाणिवे व तत्कालीन सामाजिक स्थिती समजून घेण्यास मदत करणे.

निवडक कथा

- | | |
|------------------------------|-----------------------|
| १) आकाश | बी. रघुनाथ |
| २) मला नको ना बायको | प्र.के.अत्रे - Gender |
| ३) विद्रोह | बाबुराव बागुल |
| ४) पानबळी | भास्कर चंदनशिव |
| ५) अल्पभूधारक | बाबाराव मुसळे |
| ६) शल्य | उर्मिला पवार - Gender |
| ७) नवा सूर्योदय | भारत सासणे |
| ८) जाणीव | छाया महाजन |
| ९) शिक्षण बॉब मारतंय | अविनाश डोळस |
| १०) मेंदूची बाळ | सुबोध जावडेकर |
| ११) रडणारी महातारी संध्याकाळ | राजन खान |

- १२) बाबलच्या आयुष्यातील धादांत सत्य... जयंत पवार
 १३) चिरेबंद आसाराम लोमटे

प्रकल्प लेखन

प्रकल्प लेखनविषयी अध्यापकाने पुढील विषयावर ०.५ श्रेयांकामध्ये मार्गदर्शन करणे अभिप्रेत आहे.

- १) कथा/ कथा संग्रहाचे परीक्षण करा. (आवडीनुसार २००० शब्द मर्यादा)
- २) कथाकाराची मुलाखत (२००० शब्द मर्यादा)
- ३) कथा लेखन (स्वलिखित)
- ४) कथा प्रकाराचा परिचय

टीप : वरील पैकी कोणताही एक विषय निवडून विद्यार्थ्यांनी २००० शब्दांपर्यंत प्रकल्प पूर्ण करणे.



डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.

(पर्यायी अभ्यासपत्रिका)

जून २०२२ पासून- नवीन अभ्यासक्रम (CBCS)

बी.ए. प्रथम वर्ष (प्रथम सत्र)

मराठी (ऐच्छिक) अभ्यासपत्रिका-२ (पर्यायी अभ्यासपत्रिका)

साहित्याचे विशेष अध्ययन : प्रवासवर्णन

संकेतांक - CC-1A(2) Marathi

उद्दिष्टे-

- १) प्रवासवर्णन या वाङ्मय प्रकाराची माहिती करून देणे.
- २) लेखकाच्या काळातील स्पंदने व कलावंताची संवेदनशीलता उलगडून दाखवणे.
- ३) प्रवासवर्णन या वाङ्मय प्रकाराच्या आकलन व आस्वादाची क्षमता वाढीला लावणे. तसेच एक रसिक वाचक निर्माण करणे.
- ४) प्रवासवर्णनाच्या माध्यमातून सामाजिक बांधिलकीची मूल्ये रुजविणे.
- ५) प्रवासवर्णनातील आशय व अभिव्यक्तीचे स्वरूप न्याहाळणे.

अभ्यासक्रम

अभ्यासक्रमासाठी नेमलेल्या साहित्यकृती :

- १) माझा प्रवास - गोडसे भटजी
- २) माझं लंडन - मीना प्रभू

प्रकल्प लेखन

- सहलीचा वृत्तांत लिहा.
- आवडलेल्या प्रवास वर्णनपर ग्रंथाचा परिचय करून द्या.
- प्रवास केल्याने जीवनात येणारी समृद्धता (निबंध लिहा.)



डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.

जून २०२२ पासून- नवीन अभ्यासक्रम (CBCS)

बी.ए. प्रथम (द्वितीय सत्र)

अभ्यासपत्रिका ३ री - ऐच्छिक मराठी

निवडक ललित गद्य (ललित गंध)

संकेतांक - CC-1B(3) Marathi

उद्दिष्टे-

- १) ललित गद्याचे स्वरूप विशेष व परंपरा यावर प्रकाश टाकणे.
- २) इतर वाङ्मयप्रकारापेक्षा ललित गद्याचे वेगळेपण उलगडून दाखवणे.
- ३) ललित लेखकांच्या तरल, संवेदनशील, विचारशील प्रवृत्तीचा शोध व त्या प्रवृत्तीचा लेखनास झालेला स्पर्श आणि त्यातून निर्माण झालेले सौंदर्य याचा शोध घेणे.
- ४) निवडक लेखकांच्या ललित लेखांची भिन्न प्रकृती व त्यातील साम्यता यांचा उलगडा करणे.
- ५) लालित्याच्या अंगाने जाणाऱ्या विविध लेखांचा परिचय करून देऊन विद्यार्थ्यांना ललित लेखनाच्या सर्जनशीलतेसाठी उद्युक्त करणे.

ललित गद्य (ललित

- १) बा शैतकन्या ऊठ! - साने गुरुजी - Human Value.
- २) पैस - दुर्गा भागवत
३. गांधी आमचा कोण लागतो? - अनंत भालेराव
४. विघ्न संतोषी - विजय तेंडुलकर
५. महाविद्यालयातील विद्यार्थ्यांस पत्र - शरद जोशी
६. वन्यजीव निरीक्षणाची किमया - मारुती चितमपल्ली - Environment.
७. औरंगाबाद : महाराष्ट्रातील दिल्ली - सुधीर रसाळ
८. अरण्यातील आत्मभान - महेश एलकुंचवार

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
CHOICE BASED CREDIT SYSTEM
B.A (Bachelor of Arts)
B.A (First year (I Sem) Urdu)

Subject/ Programme	Course Code	Title of the Course	Course Type	Lectures		Marks			Credits		
				Lectures per Week	Total Lectures	Theory	Tutorials/ Practical/ Project	Total	Teaching	Tutorials/ Practical/ Project	Total
MIL Urdu (SL)	AECC-I	Afsana, Inshaiya, Khaka Aur Tarjuma Nigari	AECC	4	60	40	10 Tutorial	50	2.5	0.5 Tutorial	3
DSC-I Urdu	CC-1A	Ghazal, Ilme Bayan Aur Taqtea	Core Course	4	60	40	10 Tutorial	50	2.5	0.5 Tutorial	3
	Elective Papers (Choice any one of the following)										
	1	CC-2B	Nazm-e- Jadeed	Core Course	4	60	40	10 Project	50	2.5	0.5 Project
2	CC-2B	Khususi Mutalea: Nazir Akbarabadi	Core Course	4	60	40	10 Project	50	2.5	0.5 Project	3

Abbreviations:

CC	:	Core Course
AECC	:	Ability Enhancement Compulsory Course
DSC	:	Discipline Specific Course

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
CHOICE BASED CREDIT SYSTEM
B.A (Bachelor of Arts)
B.A (First year (II Sem) Urdu

Subject/ Programme	Course Code	Title of the Course	Course Type	Lectures		Marks			Credits		
				Lectures per Week	Total Lectures	Theory	Tutorials/ Practical/ Project	Total	Teaching	Tutorials/ Practical/ Project	Total
MIL Urdu (SL)	AECC- II	Dastan Novel, Drama aur Talkhees Navisi	AECC	4	60	40	10 Tutorial	50	2.5	0.5 Tutorial	3
DSC-I Urdu	CC-1C	Afsana	Core Course	4	60	40	10 Tutorial	50	2.5	0.5 Tutorial	3
	Elective Papers (Choice any one of the following)										
	1	CC-2D	Khaka, Swaneh Aur Khudnavisht	Core Course	4	60	40	10 Project	50	2.5	0.5 Project
2	CC-2D	Urdu Mein Hajj ke Safar Name	Core Course	4	60	40	10 Project	50	2.5	0.5 Project	3

Abbreviations:

CC	:	Core Course
AECC	:	Ability Enhancement Compulsory Course
DSC	:	Discipline Specific Course

ہدایات برائے اساتذہ و طلباء: Instruction of Teachers and Students:

- ۱ استاد، درس و تدریس کے لئے زیادہ تر PPT کا استعمال کریں اور استاد، طلباء کو PPT بنانے میں رہنمائی کریں۔
- ۲ مختلف اردو ویب سائٹس اور یوٹیوب کے سہارے بھی اپنے لیکچر کو مزید جاندار بنانے کی کوشش کریں۔
- ۳ طلباء سے بھی یہ مطلوب ہے کہ وہ استاد کی مدد سے کسی بھی موضوع پر PPT تیار کریں اس لئے کہ یہ Continuous Evaluation Process میں معاون ثابت ہوگی۔
- ۴ استاد حتی الامکان ہر تخلیقی فن پارے کے اختتام پر جانچ (Test) کا اہتمام کریں اور خلاصے / تجزیے / تبصرے طلباء سے تحریر کروائیں۔
- ۵ استاد، نصابی سرگرمیوں کے ساتھ ساتھ معاون از نصابی سرگرمیاں (Co-curricular Activities) اور زائد از نصابی سرگرمیاں (Extra-curricular Activities) میں بھی طلباء کو حصہ لینے کی ترغیب دے اور خود بھی ان سرگرمیوں کا انعقاد کرے تاکہ طلباء میں چچی ہوئی خداداد صلاحیتوں کو جلا ملتی رہے۔ کالج کے شعبہ اُردو کی جانب سے تقریری، تحریری مقابلے، مقابلہ خوش نویسی، مقابلہ کہانی نویسی، غزل خوانی، افسانہ خوانی جیسے پروگراموں کا انعقاد کیا جاسکتا ہے۔
- ۶ استاد، طلباء و طالبات کے لیے "تعلیمی سیر" کا بندوبست کرے۔

نصاب کا حاصل / Course / Programme outcome:

- ۱ طلباء میں ادب کے ذوق کی آبیاری ہوگی۔
- ۲ ادب کے ذریعے سے انسانی و اخلاقی اقدار کو فروغ ملے گا۔
- ۳ انسانوں کے جذبہ باہمی کو ادب کے ذریعے سے استوار کیا جاسکے گا۔
- ۴ نصاب میں شامل تخلیقات (غزل، نظم، داستان، ناول، افسانہ، انشائیہ، خاکہ، سوانح، خودنوشت اور سفرنامہ) کے مطالعہ سے طلباء میں صحیح اور اچھی اردو لکھنے اور بولنے کی صلاحیت میں اضافہ ہوگا۔
- ۵ طلباء میں ترجمے کی صلاحیت پیدا ہوگی۔ یہ زبانوں کے مطالعے کے لئے بہت ضروری ہے۔
- ۶ ترجمے کا فن عصر حاضر میں کلیدی اہمیت کا حاصل ہے۔
- ۷ طلباء کو کم سے کم الفاظ میں اپنا مافی الضمیر پیش کرنے کی صلاحیت پیدا ہوگی، خاص طور پر تلخیص نویسی کے ذریعے سے ممکن ہوتا ہے۔
- ۸ پاور پوائنٹ کے استعمال کی وجہ سے وہ جدید ٹکنالوجی سے واقفیت حاصل کریں گے۔
- ۹ بحیثیت مجموعی طلباء میں ادبی ذوق و ادبی فکری جہتوں کے ساتھ ساتھ عصر حاضر کی تقاضوں کو برتنے کا شعور جاگزیں ہوگا۔

ڈاکٹر بابا صاحب امبیڈکر مراٹھواڑا یونیورسٹی، اورنگ آباد



AECC-1 بی۔ اے، بی۔ ایس۔ سی، بی۔ کام، (سال اول) زبان دوم (SL)

مضمون: اردو: میقات (سمیٹر) اول

کریڈٹس: ۳ = ۰.۵ + ۰.۵ تدریسی گھنٹے: ۶۰ امتحانی پرچہ دورانیہ: دو گھنٹے

AECC-1 (SL): افسانہ، انشائیہ، خاکہ اور ترجمہ نگاری

خاکہ امتحانی پرچہ اور تقسیم نشانات

Question paper Structure and Distribution of Marks

نوٹ: امتحانی پرچہ دو حصوں میں تقسیم کیا گیا۔ حصہ اول و حصہ دوم

حصہ اول لازمی ہے اور حصہ دوم میں چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

حصہ اول ۸ نشانات اور حصہ دوم ۳۲ نشانات، جملہ نشانات ۴۰ ہیں۔

دورانیہ: دو گھنٹے

حصہ اول (لازمی)

سوال ۱: معروضی مطالعہ:

۸ نشانات

جملہ آٹھ جُز (تین متبادلات کے ساتھ)

ہر جُز کے لئے ایک نشان مختص ہے۔ $8 \times 1 = 8$ (تمام یونٹ پر مبنی)

حصہ دوم

سوال ۲ تا سوال ۷: جملہ چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

۳۲ نشانات

$8 \times 4 = 32$

(سوالیہ پرچہ ۱، ۲، ۳، ۴ یونٹ پر مشتمل ہوگا۔ تمام یونٹ پر دو، دو سوالات ہوں گے۔ ایک سوال متن کے حوالے سے تشریح کے

لئے مختص ہوگا۔)

۴۰ نشانات

یونٹ IV ترجمہ نگاری ٹیوٹوریل پر مبنی ہوگا۔ کریڈٹ ۰.۵ یعنی ۱۰ (دس) نشانات پر مشتمل $50 = 10 + 40$

اعراض و مقاصد: Aims and Objectives

- ۱ اردو نثر کا عمومی تعارف
 - ۲ مختلف اصناف نثر (افسانہ، انشائیہ اور خاکہ) کا مطالعہ
 - ۳ صحیح اور اچھی اردو سمجھنے، بولنے اور لکھنے کی صلاحیت پیدا کرنا۔
 - ۴ ترجمے کے فن سے واقف ہونا۔
 - ۵ ترجمے کی کلاس روم میں باضابطہ مشق لازمی
 - ۶ جدید منظر نامے کے تحت حصول علم کی طرف کوشاں ہونا۔
- نصاب: یونٹ I, II اور III کے لئے ۲.۵ کریڈٹس ہیں جو ۵۰ (پچاس) تدریسی گھنٹوں پر مشتمل ہے۔

یونٹ I:

افسانہ: تدریسی گھنٹے: ۱۸

شامل نصاب افسانے

- | | | |
|---|--------------------|---------------|
| ۱ | شطرنج کی بازی | منشی پریم چند |
| ۲ | دو فرلانگ لمبی سڑک | کرشن چندر |

یونٹ II:

شامل نصاب انشائیے: تدریسی گھنٹے: ۱۷

- | | | |
|---|-------------------|----------------|
| ۱ | گلشن امید کی بہار | محمد حسین آزاد |
| ۲ | مرید پور کا پیر | پطرس بخاری |

یونٹ III:

خاکہ تدریسی گھنٹے: ۱۵

شامل نصاب خاکے

- | | | |
|---|-------------------------------------|-----------------|
| ۱ | ڈاکٹر مختار احمد انصاری | رشید احمد صدیقی |
| ۲ | یادوں میں بسا آدمی: مخدوم محی الدین | مجتبیٰ حسین |

یونٹ: IV: ترجمہ نگاری۔ کریڈٹ ۰.۵۔ ٹیوٹوریل کے لئے مختص ہے۔ جملہ ۱۰ (دس) نشانات

ترجمہ: تدریسی گھنٹے: ۱۰ (دس)

۱ انگریزی سے اردو میں ترجمہ کرنا

۲ انگریزی عبارت کم سے کم پچاس تا سو الفاظ پر مشتمل ہو

۳ جماعت میں مشق لازمی۔

ڈاکٹر بابا صاحب امبیڈکر مراٹھواڑا یونیورسٹی، اورنگ آباد



AECC-2 بی۔ اے، بی۔ ایس۔ سی، بی۔ کام، (سال اول) زبان دوم (SL)

مضمون: اردو: میقات (سمیسٹر) دوم

کریڈٹس: ۳ = ۰.۵ + ۲.۵ تدریسی گھنٹے: ۶۰ امتحانی پرچہ دورانیہ: دو گھنٹے

AECC-2: داستان، ناول، ڈرامہ اور تلخیص نویسی (SL)

خاکہ امتحانی پرچہ اور تقسیم نشانات

Question paper Structure and Distribution of Marks

نوٹ: امتحانی پرچہ دو حصوں میں تقسیم کیا گیا۔ حصہ اول و حصہ دوم

حصہ اول لازمی ہے اور حصہ دوم میں چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

حصہ اول ۸ نشانات اور حصہ دوم ۳۲ نشانات، جملہ نشانات ۴۰ ہیں۔

دورانیہ: دو گھنٹے

حصہ اول (لازمی)

سوال ۱: معروضی مطالعہ:

۸ نشانات

جملہ آٹھ جُز (تین متبادلات کے ساتھ)

ہر جُز کے لئے ایک نشان مختص ہے۔ $8 \times 1 = 8$ (تمام یونٹ پر مبنی)

حصہ دوم

۳۲ نشانات

سوال ۲ تا سوال ۷: جملہ چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

$8 \times 4 = 32$

(سوالیہ پرچہ ۲، ۳، ۴، ۵، ۶، ۷ پر مشتمل ہو گا۔ تمام یونٹ پر دو، دو سوالات ہوں گے۔ ایک سوال متن کے حوالے سے تشریح کے

لئے مختص ہو گا۔)

۴۰ نشانات

یونٹ IV تلخیص نویسی: ٹیوٹوریل پر مبنی۔ کریڈٹ ۰.۵ یعنی ۱۰ (دس) نشانات پر مشتمل $10 + 30 = 40$

اغراض و مقاصد: Aims and Objectives

- ۱ اردو نثر کا عمومی تعارف۔
 - ۲ مختلف اصناف نثر (افسانہ، انشائیہ اور خاکہ) کا مطالعہ۔
 - ۳ صحیح اور اچھی اردو سمجھنے، بولنے اور لکھنے کی صلاحیت پیدا کرنا۔
 - ۴ "تلخیص نویسی" سے واقفیت کرائی جائے۔
 - ۵ تلخیص نویسی جماعت میں باضابطہ مشق لازمی۔
 - ۶ آج کے دور کے جدید منظر نامے کے تحت حصول علم کی طرف کوشاں ہونا۔
- یونٹ: I: یونٹ I, II اور III کے لئے ۲.۵ کریڈٹس ہیں جو ۵۰ (پچاس) تدریسی گھنٹوں پر مشتمل ہے۔

داستان: تدریسی گھنٹے: ۱۶

منتخب حصہ متن: نثر اردو برائے بی۔ اے ایجوکیشنل بک ہاؤس، علی گڑھ

- | | | | |
|--------------------|--------------|------------|---|
| سوال کرنے کی مذمت | ملاو جہی | سب رس | ۱ |
| سیر تیسرے درویش کی | میرامن دہلوی | باغ و بہار | ۲ |

یونٹ: II:

ناول: تدریسی گھنٹے: ۱۶

شامل نصاب ناول

- | | | | |
|--|---------------------|-------------|---|
| منتخب حصہ متن | | | |
| کلیم دولت آباد میں | ڈپٹی نذیر احمد | توبہ النصوح | ۱ |
| بھولے نواب (انتخاب نثر اردو برائے بی اے) | پنڈت رتن ناتھ سرشار | فسانہ آزاد | ۲ |

یونٹ: III

ڈرامہ: تدریسی گھنٹے: ۱۸

شامل نصاب ڈرامے

آغا حشر کاشمیری (تنویر ادب)

۱ رستم و سہراب

سید امتیاز علی تاج (باب اول منظر دوم)

۲ انارکلی

یونٹ: IV: تلخیص نویسی۔ کریڈٹ ۰.۵ (ایک) ٹیوٹوریل کے لئے مختص ہے۔ جملہ ۱۰ (دس) نشانات

تلخیص نویسی: تدریسی گھنٹے: ۱۰

۱ جماعت میں مشق لازمی۔

ڈاکٹر بابا صاحب امبیڈکر مراٹھواڑا یونیورسٹی، اورنگ آباد



CC-1A بی۔ اے (سال اول) گور کورس

مضمون: اردو: میقات (سمیسٹر) اول

کریڈٹس: ۳ = ۰.۵ + ۲.۵ تدریسی گھنٹے: ۶۰ امتحانی پرچہ دورانیہ: $1\frac{1}{2}$ گھنٹہ

CC-1A گور کورس I: غزل، علم بیان اور تقطیع

خاکہ امتحانی پرچہ اور تقسیم نشانات

Question paper Structure and Distribution of Marks

نوٹ: امتحانی پرچہ دو حصوں میں تقسیم کیا گیا۔ حصہ اول و حصہ دوم

حصہ اول لازمی ہے اور حصہ دوم میں چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

حصہ اول ۸ نشانات اور حصہ دوم ۳۲ نشانات، جملہ نشانات ۴۰ ہیں۔

دورانیہ: $1\frac{1}{2}$ گھنٹہ حصہ اول (لازمی)

۸ نشانات

سوال ۱: معروضی مطالعہ:

جملہ چار جُز (چار متبادلات کے ساتھ) ہر جز دو نشانات کے لئے مختص ہے۔ $۴ \times ۲ = ۸$

غزل کے شامل نصاب اشعار کے ایک ایک مصرعہ کے کسی ایک لفظ کو حذف کیا جائے گا اور صحیح جواب متبادل میں سے منتخب کیا جائے مثلاً یہ آرزو تھی تجھے..... کے روبرو کرتے۔

(الف) پھول (ب) گل (ج) کلی (د) غنچہ صحیح جواب (ب) گل

حصہ دوم

۳۲ نشانات

سوال ۲ تا سوال ۷: جملہ چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

$۸ \times ۴ = ۳۲$

(سوال نمبر ۲ پہلے یونٹ پر مشتمل، سوال نمبر ۳ دوسرے یونٹ پر مشتمل، سوال نمبر ۴ تیسرے یونٹ پر مشتمل اور سوال نمبر ۵ چوتھے یونٹ پر مشتمل، سوال نمبر ۶ پانچویں یونٹ پر مشتمل، سوال نمبر ۷ پانچ اور چھ یونٹ پر مشتمل، سوال نمبر ۶، ۷ اور ۸ غزل کے حوالے سے تشریح پر مشتمل ہر سوال میں پانچ اشعار میں سے دو کی تشریح مطلوب $۴ \times ۲ = ۸$)

۴۰ نشانات

یونٹ IV علم بیان اور تقطیع ٹیوٹوریل پر مبنی۔ کریڈٹ ۰.۵ یعنی ۱۰ (دس) نشانات پر مشتمل $۴۰ + ۱۰ = ۵۰$

اغراض و مقاصد: Aims and Objectives

- ۱ طلباء میں اردو غزل کی اہمیت و معنویت واضح کرنا، اس لیے کہ اردو غزل تہذیب کی نمائندگی کرتی ہے۔
- ۲ طلباء کے ذوق کی آبیاری کرتے ہوئے ان میں تخلیقی صلاحیت پیدا کرنا۔
- ۳ طلباء میں شاعری کی سمجھ اور اس کے ذوق کی آبیاری کے لیے علم بیان اور علم تقطیع سے واقفیت کرانا۔

نکات بحث و مطالعہ: Topics for discussion and study

یونٹ: I: تدریسی گھنٹے: ۱۰

غزل:

- ۱ بحیثیت صنف سخن "غزل" کی تعریف
- ۲ غزل کی ہیئت، قافیہ و ردیف کی روایت
- ۳ غزل کا فن، تغزل اور اس کے عناصر
- ۴ غزل کے موضوعات

یونٹ: II: تدریسی گھنٹے: ۱۰

- ۱ غزل کی مقبولیت کے اسباب
- ۲ اردو غزل عہد بہ عہد ارتقاء

یونٹ: III: تدریسی گھنٹے: ۱۰

شامل نصاب شاعروں کی غزل گوئی کا تفصیلی مطالعہ

- الف ولی، میر، جگر، حسرت موہانی، بے۔ پی سعید،
- ب سراج، آتش، فیض، ناصر کاظمی، شاہ حسین نہری
- ج غالب، فراق، بشر نواز، قمر اقبال

سوالیہ پرچے میں الف، ب، ج، میں سے منتخب شاعروں پر سوال آئے گا۔ مثلاً

سوال درج ذیل شعرا میں سے صرف ایک کی غزل گوئی کا جائزہ لیجئے۔

- الف ولی
ب سراج
ج غالب

یونٹ: IV: تدریسی گھنٹے: ۱۰

۱ ولی اورنگ آبادی: انتخاب اردو شاعری ۱۹۲۰ء تک

(۱) یاد کرناہر گھڑی اس یار کا

(۲) آج سرسبز کوہ و صحرا ہے

۲ سراج اورنگ آبادی: انتخاب اردو شاعری ۱۹۲۰ء تک

(۱) کوئی ہمارے درد کا محرم نہیں

(۲) خبر تیر عشق سن نہ جنوں رہا نہ پری رہی

۳ میر تقی میر: انتخاب اردو شاعری ۱۹۲۰ء تک

(۱) ہمارے آگے تیرا جب کسوں نے نام لیا

(۲) ہستی اپنی حباب کی سی ہے

۴ خواجہ حیدر علی آتش:

(۱) سن تو سہی جہاں میں ہے تیرا، فسانہ کیا

انتخاب قصائد و غزلیات و مرثی

(۲) یہ آرزو تھی تجھے گل کے روبرو کرتے

انتخاب اردو شاعری ۱۹۲۰ء تک

۵ مرزا اسد اللہ خاں غالب:

- (۱) ابن مریم ہو کرے کوئی
اوراق ادب حصہ نظم
- (۲) سب کہاں، کچھ لالہ و گل میں نمایاں ہو گئیں
انتخاب اردو شاعری ۱۹۲۰ء تک

۶ حسرت موہانی:

- (۱) توڑ کر عہد کرم نا آشنا ہو جائے
اوراق ادب حصہ نظم
- (۲) بھلا تالا کھ ہوں لیکن برابر یاد آتے ہیں
متاع ادب بنگلور

۷ جگر مراد آبادی: انتخاب منظومات حصہ دوم

- (۱) دل گیا، رونق حیات گئی
(۲) کام آخر جذبہ بے اختیار آہی گیا

یونٹ: ۷: تدریسی گھنٹے: ۱۰

۱ فراق:

- (۱) بہت پہلے سے ان قدموں کی آہٹ جان لیتے ہیں
گلابنگ۔ فراق
- (۲) خود کو کھویا بھی کہاں؟ عشق کو پایا بھی کہاں
انتخاب منظومات حصہ دوم

۲ فیض: دستِ صبا

- (۱) تم آئے ہو، نہ شب انتظار گزری ہے
(۲) تمہاری یاد کے سب زخم بھرنے لگتے ہیں

۳ ناصر کاظمی: انتخاب اردو شاعری ۱۹۲۰ء کے بعد

(۱) کچھ یادگار شہر ستم گر ہی لے چلیں

۴ جے پی سعید: گلگشت

(۱) لے بھی تم تو سر بزم بات کیا کرتے

(۲) عظمت بنی آدم چند ہی سمجھتے ہیں۔

۵ بشر نواز:

(۱) آنکھوں کی لودلوں کی ضیالے گئی ہوا

رائیگاں

(۲) خواب اپنے ہوئے دنیا کے حوالے کتنے

اجنبی سمندر

۶ قمر اقبال: موم کا شہر

(۱) جینا ہے سب کے ساتھ کہ انسان میں بھی ہوں

(۲) خود کی خاطر نہ زمانے کے لیے زندہ ہوں

۷ شاہ حسین نہری: شب تاب

(۱) کیا کہوں کب دھواں نہیں اٹھتا

(۲) ناگزیر رشتگی سا ہے تو ہو

یونٹ: VI: علم بیان اور تقطیع: تدریسی گھنٹے ۱۰ صرف ٹیوٹوریل کے لیے مختص۔ کریڈیٹ ۰.۵۔ نشانات ۱۰

(الف) علم بیان:

نصابی کتاب : درس بلاغت

مضمون : علم بیان، ڈاکٹر صادق

- ۱ تشبیہ
- ۲ استعارہ
- ۳ مجاز مرسل
- ۴ کنایہ

یونٹ: VI

(ب) تقطیع: نصابی کتاب: عروض، منتخب بحریں اور تقطیع (شاہ حسین نہری)

- ۱ اصطلاحی تعریف
- ۲ لغوی معنی
- ۳ تقطیع کے اصول

شامل نصاب بحریں:

- ۱ بحر متقارب مثنیٰ سالم (فعلون آٹھ بار)
- ۲ بحر ہزج مثنیٰ سالم (مفاعیلین آٹھ بار)

نوٹ: جماعت میں مشق لازمی

حوالہ جاتی کتب:

- | | | |
|----------------------|---|-------------------|
| حالی | ۱ | مقدمہ شعر و شاعری |
| مسعود حسین رضوی ادیب | ۲ | ہماری شاعری |
| یوسف حسین خان | ۳ | اردو غزل |
| مجنو گور کھپوری | ۴ | غزل سرا |
| اختر انصاری | ۵ | غزل کی سرگذشت |
| نثار احمد فاروقی | ۶ | تلاش میر |
| شمس الرحمن فاروقی | ۷ | تفہیم غالب |

غالب شناسی	۸	خورشید الاسلام
جدید غزل	۹	رشید احمد صدیقی
ولی سے اقبال تک	۱۰	سید عبداللہ
عرفان غالب	۱۱	آل احمد سرور
جدید اردو شاعری	۱۲	عبات بریلوی
اردو شاعری پر ایک نظر	۱۳	کلیم الدین احمد صدیقی
غزل اور متغزلین	۱۴	ابواللیث صدیقی
عروض، منتخب بحریں اور تقطیع	۱۵	شاہ حسین نہری
درسِ بلاغت	۱۶	ترقی اردو بیورو (NCPUL)
دستِ صبا	۱۷	فیض احمد فیض
گلبانگ	۱۸	فراق گورکھپوری
گلشت	۱۹	جے۔ پی سعید
رائیگان	۲۰	بشر نواز
اجنبی سمندر	۲۱	بشر نواز
شب تاب	۲۲	شاہ حسین نہری
موم کا شہر	۲۳	قمر اقبال
انتخاب اردو شاعری ۱۹۲۰ تک	۲۴	ایجو کیشنل بک ہاؤس، علی گڑھ
انتخاب اردو شاعری ۱۹۲۰ کے بعد	۲۵	ایجو کیشنل بک ہاؤس، علی گڑھ
اوراقِ ادب حصہ نظم	۲۶	ایجو کیشنل بک ہاؤس، علی گڑھ
انتخاب قصائد و غزلیات و مرثی	۲۷	لکھنؤ
متاعِ ادب	۲۸	بنگلور

ڈاکٹر بابا صاحب امبیڈکر مراٹھواڑا یونیورسٹی، اورنگ آباد



CC-2B بی۔ اے (سال اول)

مضمون: اردو: میقات (سمیسٹر) اول

کریڈٹس: ۳ = ۰.۵ + ۲.۵ تدریسی گھنٹے: ۶۰ امتحانی پرچہ دورانیہ: $1\frac{1}{2}$ گھنٹہ

CC-2 B کورس: نظم جدید

خاکہ امتحانی پرچہ اور تقسیم نشانات

Question paper Structure and Distribution of Marks

نوٹ: امتحانی پرچہ دو حصوں میں تقسیم کیا گیا۔ حصہ اول و حصہ دوم

حصہ اول لازمی ہے اور حصہ دوم میں چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

حصہ اول ۸ نشانات اور حصہ دوم ۳۲ نشانات، جملہ نشانات ۴۰ ہیں۔

دورانیہ: $1\frac{1}{2}$ گھنٹہ حصہ اول (لازمی)

سوال ۱: معروضی مطالعہ:

۸ نشانات

جملہ چار جُز (چار متبادلات کے ساتھ)

ہر جُز کے لئے دو نشانات مختص ہیں۔ $۴ \times ۲ = ۸$ (تمام یونٹ پر مبنی)

حصہ دوم

۳۲ نشانات

سوال ۲ تا سوال ۷: جملہ چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

$۸ \times ۴ = ۳۲$

(سوالیہ پرچے میں ہر یونٹ پر ایک سوال پوچھا جائے گا۔ ایک سوال لازماً متن کے حوالے سے تشریح پر مبنی ہو گا۔ یونٹ

۶، ۵، ۴ میں سے ایک ایک شعری حصہ دیا جائے گا۔ اور صرف ایک کی تشریح مطلوب۔ نظم کا نام ۲ نشانات شاعر کا نام ۲ نشانات

تشریح ۴ نشانات کل ۸ نشانات

۴۰ نشانات

پروجیکٹ ورک: پروجیکٹ ورک اس نصابی پرچہ سے متعلق صرف ایک موضوع پر ہو گا کریڈٹ ۰.۵ یعنی ۱۰ (دس) نشانات

پر مشتمل $۳۰ + ۱۰ = ۵۰$

سوال درج ذیل میں سے صرف ایک کی نظم گوئی کا جائزہ لیجئے۔

الف فیض

ب اقبال

ج مخدوم

یونٹ: IV: تدریسی گھنٹے: ۹:

۱	نظیر اکبر آبادی	اللہ کا نام
۲	الطاف حسین حالی	انتخاب مسدس حالی
۳	علامہ اقبال:	”وہ نبیوں میں رحمت لقب پانے والا سے پندرہ بند“ شعاع امید

یونٹ: V: تدریسی گھنٹے: ۹:

۱	جوش سلیح آبادی:	شکست زنداں کا خواب
۲	مخدوم محی الدین:	چاند تاروں کا بن
۳	اختر الایمان:	ایک لڑکا

یونٹ: VI: تدریسی گھنٹے: ۸:

۱	فیض احمد فیض:	صبح آزادی
۲	سکندر علی وجد:	تاج محل
۳	قاضی سلیم:	نبی نسل سے

پروجیکٹ ورک: تدریسی گھنٹے: ۱۰:

پروجیکٹ ورک اس نصابی پرچہ سے متعلق صرف ایک موضوع پر ہو گا کریڈٹ ۰.۵ یعنی ۱۰ (دس) نشانات پر مشتمل

حوالہ جاتی کتب:

مرتب فاروق ارگلی	نظیر اکبر آبادی۔ انتخاب نظیر	۱
الطاف حسین حالی	مقدمہ شعر و شاعری	۲
ڈاکٹر حامدی کاشمیری	جدید اردو نظم پر یورپی اثرات	۳
مرتب پروفیسر محمد غیاث الدین	مخدوم محی الدین حیات اور ادبی خدمات	۴
ڈاکٹر محمد حسن	شعر نو	۵
علیم صبانویدی	اردو نظم کے سلسلے	۶
ایجو کیشنل بک ہاؤس، علی گڑھ	اردو شاعری	۷
ایجو کیشنل بک ہاؤس، علی گڑھ	انتخاب اردو شاعری ۱۹۲۰ کے بعد	۹
ڈاکٹر عبادت بریلوی	جدید اردو شاعری	۱۰
عندیب شادانی	تحقیق کی روشنی میں	۱۱
مسعود حسن رضوی ادیب	ہماری شاعری	۱۲
ڈاکٹر سر محمد علامہ اقبال	کلیات اقبال	۱۳
مسعود سراج	اردو اصناف (نظم و نثر) کی تدریس	۱۴
ایجو کیشنل بک ہاؤس، علی گڑھ	کلام فیض	۱۵
قاضی سلیم	زستگاری	۱۶
محمد آصف زہری	اختر الایماں کی دس نظمیں	۱۷
مکتبہ جامعہ لیسٹیڈنٹی دہلی	انتخاب نظیر اکبر آبادی	۱۸

ڈاکٹر بابا صاحب امبیڈکر مراٹھواڑا یونیورسٹی، اورنگ آباد



CC-2B بی۔ اے (سال اول) انتخابی

مضمون: اردو: میقات (سمیسٹر) اول

کریڈٹس: ۳ = ۰.۵ + ۲.۵ تدریسی گھنٹے: ۶۰ امتحانی پرچہ دورانیہ: $1\frac{1}{2}$ گھنٹہ

CC-2B کورس: خصوصی مطالعہ: نظیر اکبر آبادی

خاکہ امتحانی پرچہ اور تقسیم نشانات

Question paper Structure and Distribution of Marks

نوٹ: امتحانی پرچہ دو حصوں میں تقسیم کیا گیا۔ حصہ اول و حصہ دوم

حصہ اول لازمی ہے اور حصہ دوم میں چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

حصہ اول ۸ نشانات اور حصہ دوم ۳۲ نشانات، جملہ نشانات ۴۰ ہیں۔

دورانیہ: $1\frac{1}{2}$ گھنٹہ حصہ اول (لازمی)

سوال ۱: معروضی مطالعہ:

۸ نشانات

جملہ چار جُز (چار متبادلات کے ساتھ)

ہر جُز کے لئے دو نشانات مختص ہیں۔ $۴ \times ۲ = ۸$ (تمام یونٹ پر مبنی)

حصہ دوم

۳۲ نشانات

سوال ۲ تا سوال ۷: جملہ چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

$۸ \times ۴ = ۳۲$

(سوالیہ پرچے میں ہر یونٹ پر ایک سوال پوچھا جائے گا۔ ایک سوال لازماً متن کے حوالے سے تشریح پر مبنی ہو گا۔ یونٹ

۴، ۵، ۶ میں سے غزل، نظم اور تضمین میں سے منتخب اشعار دیے جائے گے۔ صرف دو کی تشریح مطلوب۔ نظم کا نام اور نشان

تشریح ۳ نشانات کل ۴ نشانات: $۴ \times ۲ = ۸$

۴۰ نشانات

پروجیکٹ ورک: پروجیکٹ ورک اس نصابی پرچہ سے متعلق صرف ایک موضوع پر ہو گا کریڈٹ ۰.۵ یعنی ۱۰ (دس) نشانات

پر مشتمل۔

اغراض و مقاصد: Aims and Objectives

- ۱ طلباء کو نظیر کے فن و شخصیت سے واقف کرانا۔
- ۲ طلباء کے ذوق کی آبیاری کرتے ہوئے عہد نظیر اور زبان و ادب کی عظیم روایات سے واقف کروانا۔
- ۳ نظیر اکبر آبادی کے خصوصی مطالعہ کے حوالے سے طلباء کو عوامی روایات سے واقف کرانا۔
- ۴ طلباء کو انفارمیشن ٹیکنالوجی کے استعمال سے واقف کروانا۔
- ۵ پروجیکٹ ورک: پروجیکٹ ورک اس نصابی پرچہ سے متعلق صرف ایک موضوع پر ہوگا کریڈیٹ ۰۵۔ یعنی ۱۰ (دس) نشانات پر مشتمل۔

نکات بحث و مطالعہ: Topics for discussion and study

یونٹ I: تدریسی گھنٹے: ۹

۱ نظیر اکبر آبادی۔ سوانحی حالات

ولادت، بچپن، تعلیم، خاندانی پس منظر، شاعری کا آغاز

Human ✓

۲ نظیر اور اکبر آباد:

اکبر آباد (آگرہ) کا تاریخی سماجی و ادبی پس منظر

Human ✓

یونٹ II: تدریسی گھنٹے: ۸

۳ مطالعہ نظیر:

۱ نظیر کی شاعری میں ہندوستانی عناصر

Human ✓

۲ نظیر کی شعری جمالیات اور قومی یکجہتی

۳ نظیر کی شاعری کے اصلاحی پہلو

یونٹ III: تدریسی گھنٹے: ۹

نظیر کا فن:

۱ نظیر کی نظم نگاری

- ۲ نظیر کی غزل گوئی
۳ نظیر کی تضمین نگاری
۵ مثنیٰ مطالعہ:

تضمین	غزلیں	نظم
یونٹ VI: تدریسی گھنٹے ۱۰	یونٹ VII: تدریسی گھنٹے ۴	یونٹ IV: تدریسی گھنٹے ۱۰
نمہ بر غزل سراج (تضمین بر غزل سراج) ۲۳۵	۱: ہو کیوں نہ تیرے کام میں حیران تماشا ۲۰۳ ۲: وہ رشک چمن، کل جو زیب چمن تھا ۲۰۳ ۳: بحر ہستی میں صحبت احباب ۲۱۵ ۴: دکھا کراک نظر، دل کو نہایت کر گیا بے کل ۲۱ ۵: کل نظر آیا چمن میں اک عجب رشک چمن ۲۲۱	۱: حمد یارب! ہے تری ذات کو دونوں جہاں میں برتری ۱ ۲: مفلسی ۱۹ ۳: بخارہ نامہ ۱۰۶ ۴: آدمی نامہ ۱۳۳ ۵: روٹیاں ۸

پروجیکٹ ورک: تدریسی گھنٹے ۱۰

پروجیکٹ ورک اس نصابی پرچہ سے متعلق صرف ایک موضوع پر ہو گا کریڈٹ ۰.۵ یعنی ۱۰ (دس) نشانات پر مشتمل

حوالہ جاتی کتب:

- انتخاب نظیر اکبر آبادی مکتبہ جامعہ لمیٹڈ
- نظیر اکبر آبادی اور سنت نکارام کا تقابلی مطالعہ ڈاکٹر شرف النہار
- نظیر اکبر آبادی انتخاب نظیر مرتب فاروق ارگلی
- مقدمہ شعر و شاعری الطاف حسین حالی

ڈاکٹر بابا صاحب امبیڈکر مراٹھواڑا یونیورسٹی، اورنگ آباد



CC-1C بی۔ اے (سال اول) گور کورس

مضمون: اردو: میقات (سمیسٹر) دوم

کریڈٹس: ۳ = ۰.۵ + ۲.۵ تدریسی گھنٹے: ۶۰ امتحانی پرچہ دورانیہ: $1\frac{1}{2}$ گھنٹے

CC-1C گور کورس: افسانہ

خاکہ امتحانی پرچہ اور تقسیم نشانات

Question paper Structure and Distribution of Marks

نوٹ: امتحانی پرچہ دو حصوں میں تقسیم کیا گیا۔ حصہ اول و حصہ دوم

حصہ اول لازمی ہے اور حصہ دوم میں چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

حصہ اول ۸ نشانات اور حصہ دوم ۳۲ نشانات، جملہ نشانات ۴۰ ہیں۔

دورانیہ: $1\frac{1}{2}$ گھنٹے حصہ اول (لازمی)

سوال ۱: معروضی مطالعہ:

۸ نشانات

جملہ چار جُز (چار متبادلات کے ساتھ)

ہر جُز کے لئے دو نشانات مختص ہیں۔ $۴ \times ۲ = ۸$ (تمام یونٹ پر مبنی)

حصہ دوم

۳۲ نشانات

سوال ۲ تا سوال ۷: جملہ چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

$۸ \times ۴ = ۳۲$

(سوالیہ پرچے میں ہر یونٹ پر ایک سوال پوچھا جائے گا۔ ایک سوال لازماً متن کے حوالے سے تشریح پر مبنی ہو گا۔ یونٹ

۴، ۵، ۶ میں سے ایک ایک اقتباس دیا جائے گا۔ صرف ایک کی تشریح مطلوب، افسانے کا عنوان ۲ نشانات، افسانہ نگار کا نام ۲

نشانات، تشریح ۴ نشانات، کل نشانات ۸

۴۰ نشانات

ٹیوٹوریل پر مبنی۔ کریڈٹ ۰.۵ یعنی ۱۰ (دس) نشانات پر مشتمل $۵۰ = ۱۰ + ۴۰$

نصابی پرچہ سے متعلق ۳ موضوعات دیے جائے گے۔ صرف ایک کا جواب مطلوب۔

اغراض و مقاصد: Aims and objectives

- ۱ افسانوی ادب سے دلچسپی قائم کرنا۔
- ۲ صنف 'افسانہ' کی اہمیت سے واقف کرانا۔
- ۳ افسانوی ذوق کی صلاحیت کو بروئے کار لانا۔
- ۴ ٹیوٹوریل پر مبنی۔ کریڈٹ ۰.۵ یعنی ۱۰ (دس) نشانات پر مشتمل ۳۰+۱۰=۵۰ نصابی پرچہ سے متعلق ۳ موضوعات دیے جائے گے۔ صرف ایک کا جواب مطلوب۔

نکات بحث و مطالعہ: Topics for discussion and study

یونٹ I: تدریسی گھنٹے: ۷

- ۱ افسانہ: تعریف، بحیثیت صنف ادب
- ۲ فن افسانہ نگاری
- ۳ افسانہ، اجزائے ترکیبی
- ۴ افسانہ: تکنیک

یونٹ II: تدریسی گھنٹے: ۷

professional ethics

- ۱ اردو میں افسانہ نگاری۔ آغاز و ارتقاء
- ۲ ترقی پسند تحریک اور اردو افسانہ

یونٹ III: تدریسی گھنٹے: ۹

شامل نصاب افسانہ نگاروں کی افسانہ نگاری کا جائزہ۔

- الف پریم چند، نور الحسنین
- ب کرشن چندر، عارف خورشید
- ج عصمت چغتائی، راجندر سنگھ بیدی

نوٹ: سوالیہ پرچے میں، الف، ب، ج میں منتخب افسانہ نگاروں پر سوال آئے گا: مثلاً
سوال درج ذیل افسانہ نگاروں میں سے صرف ایک کی افسانہ نگاری کا جائزہ لیجئے

الف پریم چند

ب کرشن چندر

ج عصمت چغتائی

یونٹ: IV تدریسی گھنٹے: ۹

۱ 'گلی ڈنڈا' پریم چند

۲ 'پورے چاند کی رات' کرشن چندر

EvS

یونٹ: V: تدریسی گھنٹے: ۹

۱ بچپن عصمت چغتائی

۲ گرم گوٹ راجندر سنگھ بیدی

یونٹ: VI: تدریسی گھنٹے: ۹

۱ قافلے والوں سچ کہنا عارف خورشید

۲ گڑھی میں اترتی شام نور الحسنین

EvS

ٹیوٹوریل: تدریسی گھنٹے: ۱۰

ٹیوٹوریل پر مبنی۔ کریڈیٹ ۰.۵ یعنی ۱۰ (دس) نشانات پر مشتمل ۳۰+۱۰=۵۰

نصابی پرچے سے متعلق ۳ موضوعات دیے جائے گے۔ صرف ایک کا جواب مطلوب۔

حوالہ جاتی کتب:

مرتب: اظہر پرویز	اردو کے تیرہ افسانے	۱
وقار عظیم	نیا افسانہ	۲
وقار عظیم	فن افسانہ نگاری	۳
وقار عظیم	داستان سے افسانے تک	۴
گوپی چند نارنگ	اردو افسانہ روایت اور مسائل	۵
قومی کونسل برائے فروغ اردو زبان، نئی دہلی	"زمانہ" پریم چند نمبر	۶
مرتبہ: ڈاکٹر اظہر پرویز	راجندر سنگھ بیدی اور ان کے افسانے	۷
محمد اشرف	اردو فکشن کے ارتقاء میں عصمت چغتائی کا حصہ	۸
مہدی جعفر	اردو افسانے کے افق	۹
فیاض اختر	اردو افسانے کا پس منظر	۱۰
ڈاکٹر علی جعفر	اردو فکشن اور ہندوستانی زبان	۱۱
نور الحسنین	گڑھی میں اترتی شام	۱۳
رضوانہ خانم	اردو افسانوں میں اشتراکی رجحانات	۱۴
عارف خورشید	قالے والوں سچ کہنا	۱۵

ڈاکٹر بابا صاحب امبیڈکر مراٹھواڑا یونیورسٹی، اورنگ آباد



CC-2D بی۔ اے (سال اول) کورس

مضمون: اردو: میقات (سمیسٹر) دوم

کریڈٹس: ۳ = ۰.۵ + ۲.۵ تدریسی گھنٹے: ۶۰ امتحانی پرچہ دورانیہ: $1\frac{1}{2}$ گھنٹہ

CC-2D کورس: خاکہ، سوانح اور خودنوشت

خاکہ امتحانی پرچہ اور تقسیم نشانات

Question paper Structure and Distribution of Marks

نوٹ: امتحانی پرچہ دو حصوں میں تقسیم کیا گیا۔ حصہ اول و حصہ دوم

حصہ اول لازمی ہے اور حصہ دوم میں چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

حصہ اول ۸ نشانات اور حصہ دوم ۳۲ نشانات، جملہ نشانات ۴۰ ہیں۔

دورانیہ: $1\frac{1}{2}$ گھنٹہ حصہ اول (لازمی)

سوال ۱: معروضی مطالعہ:

۸ نشانات

جملہ آٹھ جُز (چار تبدلات کے ساتھ)

ہر جُز کے لئے ایک نشان مختص ہے۔ $8 \times 1 = 8$ (تمام یونٹ پر مبنی)

حصہ دوم

۳۲ نشانات

سوال ۲ تا سوال ۷: جملہ چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

$8 \times 4 = 32$

(سوالیہ پرچے میں ہر یونٹ پر ایک سوال پوچھا جائے گا۔ ایک سوال لازماً متن کے حوالے سے تشریح پر مبنی ہو گا۔ یونٹ

۴، ۵، ۶ میں سے ایک ایک اقتباس دیا جائے گا۔ صرف ایک کی تشریح مطلوب۔

۴۰ نشانات

پروجیکٹ ورک: پروجیکٹ ورک اس نصابی پرچہ سے متعلق صرف ایک موضوع پر ہو گا کریڈٹ ۰.۵ یعنی ۱۰ (دس) نشانات

پر مشتمل۔

اعراض و مقاصد: Aims and Objectives

- ۱ طلبہ کو اردو ادب کے تئیں بیدار کرنا اور طلباء کے ذوق کی آبیاری کرنا۔
 - ۲ خاکہ، سوانح اور خودنوشت سے طلباء کو واقف کرانا اور ان کی ادبی اہمیت واضح کرنا۔
 - ۳ طلباء میں ان اصناف کے تئیں تخلیقی صلاحیت پروان چڑھانا۔
 - ۴ پروجیکٹ ورک: ۲۰ تدریسی گھنٹے
- پروجیکٹ ورک اس نصابی پرچہ سے متعلق صرف ایک موضوع پر ہوگا کریڈٹ (ایک) یعنی ۱۰ (دس) نشانات پر مشتمل۔

نکات بحث و مطالعہ: Topics for discussion and study

professional ethics

یونٹ I: خاکہ: تدریسی گھنٹے: ۱۰

- ۱ خاکہ نگاری کا فن اور تکنیک
- ۲ خاکے کی تعریف
- ۳ خاکہ اور سوانح میں فرق و امتیاز
- ۴ موضوع اور مواد
- ۵ ہیئت، طوالت، اختصار اور خاکہ
- ۶ اردو زبان میں خاکہ نگاری کا آغاز اور ارتقاء

یونٹ II (الف): سوانح: ۵ تدریسی گھنٹے

نکات بحث و مطالعہ: Topics for discussion and study

- ۱ تعریف
- ۲ سوانح نگاری کا فن
- ۳ موضوع

۴ سوانح اور خاکے کے امتیازات

۵ اردو میں سوانح نگاری

یونٹ II (ب): خودنوشت: تدریسی گھنٹے ۵

نکات بحث و مطالعہ: Topics for discussion and study:

۱ فن خودنوشت

۲ خودنوشت کے اقسام

۳ خودنوشت آغاز و ارتقاء

یونٹ III: مصنفین و ادباء: تدریسی گھنٹے ۷

نکات بحث و مطالعہ: Topics for discussion and study:

۱ شامل نصاب خاکہ نگاروں کی خاکہ نگاری

۲ حالی کی سوانح نگاری

۳ رشید احمد صدیقی کی خودنوشت نگاری۔

یونٹ IV: تدریسی گھنٹے ۸:

متنی مطالعہ: خاکہ

۱ مولوی عبدالحق

۲ رشید احمد صدیقی

۳ مجتبیٰ حسین

سید محمود مرحوم

مولانا محمد علی

مسکراہٹوں کا آدمی (سجاد ظہیر)

یونٹ V: تدریسی گھنٹے ۷:

متنی مطالعہ: سوانح

۱ یادگار غالب

خواجہ الطاف حسین حالی

شامل نصاب حصہ

- | | |
|---|--------------------------------|
| ۱ | تعلیم |
| ۲ | شعرِ نہی |
| ۳ | داہِ سخن |
| ۴ | تقریظ لکھنے کا ڈھنگ |
| ۵ | مرزا کے اخلاق و عادات و خیالات |

Human values

یونٹ: VI: تدریسی گھنٹے: ۸

متنی مطالعہ: خود نوشت (آپ بیتی)

۱	آشفہ بیانی میری	رشید احمد صدیقی
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شامل نصاب حصہ

۱	کلیات رشید احمد صدیقی	صفحہ نمبر ۷۳-۵۹
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ترتیب و تدوین: پروفیسر ابوالکلام قاسمی

ناشر: قومی کونسل برائے فروغ اردو زبان، نئی دہلی

پروجیکٹ ورک: تدریسی گھنٹے: ۱۰

پروجیکٹ ورک: پروجیکٹ ورک اس نصابی پرچہ سے متعلق صرف ایک موضوع پر ہو گا کریڈٹ ۵. یعنی ۱۰ (دس) نشانات پر مشتمل۔

حوالہ جاتی کتب:

مولوی عبدالحق	چند ہم عصر	۱
رشید احمد صدیقی	گنج ہائے گرانمایہ	۲
مجتبیٰ حسین	آدمی نامہ	۳
رشید احمد صدیقی	آشفہ بیانی میری	۴
الطاف حسین حالی	یادگار غالب	۵
حالی	اردو میں فن سوانح نگاری	۶
ڈاکٹر فرمان فتح پوری	اردو نثر کا فنی ارتقاء	۷
ڈاکٹر صابرہ سعید	اردو ادب میں خاکہ نگاری	۸
آئند نرائن مٹا	کچھ نثر میں بھی	۹
حامد حسین	اردو میں خاکہ نگاری	۱۰
آل احمد سرور	فکر روشن	۱۱
ڈاکٹر سنبل نگار	اردو نثر کا تنقیدی مطالعہ	۱۲

ڈاکٹر بابا صاحب امبیڈکر مراٹھواڑا یونیورسٹی، اورنگ آباد



CC-2D بی۔ اے (سال اول) کورس

مضمون: اردو: میقات (سمیسٹر) دوم

کریڈٹس: ۳=۰.۵+۲.۵ تدریسی گھنٹے: ۶۰ امتحانی پرچہ دورانیہ: $1\frac{1}{2}$ گھنٹہ

CC-2D کورس: خصوصی مطالعہ: اردو میں حج کے سفر نامے

خاکہ امتحانی پرچہ اور تقسیم نشانات

Question paper Structure and Distribution of Marks

نوٹ: امتحانی پرچہ دو حصوں میں تقسیم کیا گیا۔ حصہ اول و حصہ دوم

حصہ اول لازمی ہے اور حصہ دوم میں چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

حصہ اول ۸ نشانات اور حصہ دوم ۳۲ نشانات، جملہ نشانات ۴۰ ہیں۔

دورانیہ: $1\frac{1}{2}$ گھنٹہ (لازمی)

سوال ۱: معروضی مطالعہ:

۸ نشانات

جملہ چار بجز (چار متبادلات کے ساتھ)

ہر بجز کے لئے دو نشانات مختص ہیں۔ $۴ \times ۲ = ۸$ (تمام یونٹ پر مبنی)

حصہ دوم

۳۲ نشانات

سوال ۲ تا سوال ۷: جملہ چھ سوالات میں سے چار کے جوابات مطلوب ہیں۔

$۸ \times ۴ = ۳۲$

(سوالیہ پرچے میں ہر یونٹ پر ایک سوال پوچھا جائے گا۔)

۴۰ نشانات

پروجیکٹ ورک: پروجیکٹ ورک اس نصابی پرچہ سے متعلق صرف ایک موضوع پر ہو گا کریڈٹ ۰.۵ یعنی ۱۰ (دس) نشانات پر مشتمل۔

اغراض و مقاصد: Aims and objectives

- ۱ طلباء کو اردو ادب سے واقفیت بہم پہنچانا
- ۲ طلباء میں سفر نامے کی معنویت و اہمیت روشناس کرانا۔
- ۳ اردو ادب میں حج کے سفر ناموں کی اہمیت و تہذیبی معنویت
- ۴ پروجیکٹ ورک: پروجیکٹ ورک اس نصابی پرچہ سے متعلق صرف ایک موضوع پر ہوگا کریڈیٹ ۰.۵ یعنی ۱۰ (دس) نشانات پر مشتمل۔

نکات بحث و مطالعہ: Topics for discussion and study

یونٹ: I: تدریسی گھنٹے: ۱۰

- ۱ سفر نامہ، ماہیت اور تعریف
- ۲ سفر نامے کے بنیادی عناصر
- ۳ سفر نامے کے اقسام
- ۴ حج کا سفر نامہ۔ تعریف و خصوصیات۔
- ۵ ابتدائی عہد کے حج ناموں کا عمومی جائزہ۔
- ۶ اردو حج نامے ۱۹۰۱ء تا ۱۹۳۷ء کا مجموعی جائزہ۔
- ۷ اردو حج نامے ۱۹۳۷ء تا ۲۰۰۹ء کا مجموعی جائزہ۔

یونٹ: II: تدریسی گھنٹے: ۸

- "اردو میں حج کے سفر نامے" شامل نصاب سفر ناموں تجزیاتی مطالعہ
(نصابی کتاب: اردو میں حج کے سفر نامے، ڈاکٹر محمد شہاب الدین)
- ۱ سراج الحرمین ۷۹ تجل حسین ۱۲۹۰ھ ۱۸۷۳ء

یونٹ: III: تدریسی گھنٹے: ۸

- ۱ سفر نامہ حجاز ۹۳ مر اعر فان علی بیگ ۱۸۹۵ء

یونٹ: IV: تدریسی گھنٹے: ۸

۱ سفر حجاز ۱۹۳۰ء عبدالمہاجر دریا آبادی ۱۹۳۱ء

یونٹ: V: تدریسی گھنٹے: ۸

۱ مشاہدات حرم ۲۷۰۰ امین احسن اصلاحی ۱۹۶۰ء

یونٹ: VI: تدریسی گھنٹے: ۸

۱ مشاہدات حرمین ۳۱۴۰ سید اسعد گیلانی ۱۹۷۶ء

پروجیکٹ ورک: تدریسی گھنٹے: ۱۰

پروجیکٹ ورک: پروجیکٹ ورک اس نصابی پرچہ سے متعلق صرف ایک موضوع پر ہوگا کریڈیٹ ۰.۵ یعنی ۱۰ (دس) نشانات پر مشتمل۔

حوالہ جاتی کتب:

۱	اردو ادب میں سفر نامہ	ڈاکٹر انور سدید
۲	اردو حج نامے ایک تجزیاتی مطالعہ	پروفیسر یسین مظہر صدیقی
۳	مشاہدات حرمین	سید اسعد گیلانی
۴	مقدس سفر نامہ	ڈاکٹر عبدالرؤف
۵	اردو میں حج کے سفر نامے	ڈاکٹر محمد شہاب الدین



DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD.



Circular / Acad Sec./ UG & PG/Rev. Curri./Col. & Uni.Cam./ 2022.

It is hereby inform to all concerned that, on the recommendation of Dean of Faculty of Humanities, the Hon'ble Vice-Chancellor has accepted the following subject wise Curriculum & Regulations of Choice Based Credit & Grading System under the faculty of Humanities in his emergency powers under Section 12 [7] of the Maharashtra Public University Act, 2016 on behalf of the Academic Council.

Sr. No.	UG/PG Course Curriculum Name	Semesters
01.	B.A., B.Com. & M. A. First Year [Marathi]	Ist & IInd
02.	B. A./B.Com/ B.Sc./BFA/BSW Second Language & Optional First Year [Hindi]	Ist & IInd
03.	B. A. First Year [Urdu]	Ist & IInd
04.	B.A./ B.Com/ B.Sc. Second Language & Optional First Year [Sanskrit]	Ist & IInd
05.	B. A. First & Second Year Progressively and M.A. Second Year [Psychology]	Ist to IVth and IIIrd & IVth
06.	B. A. First Year [Geography]	Ist & IInd
07.	B. A. First Year [Political Science]	Ist & IInd
08.	B. A. First & M.A. Second Year [Sociology]	Ist & IInd and IIIrd & IVth
09.	B. A. First Year [Economics]	Ist & IInd
10.	B. A. First Year [Public Administration]	Ist & IInd
11.	B. A. First & M.A. Second Year [Thoughts of Mahatma Phule and Dr. Babasaheb Ambedkar]	Ist & IInd and IIIrd & IVth
12.	B.A. First Year Optional [Military Science]	Ist & IInd
13.	B.A./ B.Sc. Second Language & Optional First Year [Arabic]	Ist & IInd
14.	B.A. First Year Optional [Islamic Studies]	Ist & IInd

This is effective from the Academic Year 2022-23 and Onwards progressively as appended herewith.

All concerned are requested to note the contents of this circular and bring notice to the students, teachers and staff for their information and necessary action.

University campus,
Aurangabad-431 004.
Ref. No. SU/Col. & UC/UG & PG/
2022/ 3355-65

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Deputy Registrar,
Academic.

Date: 11.07.2022.

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- 3] **The Director, University Network & Information Centre, UNIC,**
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- 5] **The Programmer [Computer Unit-2] Examinations,**
- 6] **The In-charge, [E-Suvidha Kendra],**
- 7] **The Public Relation Officer,**
- 8] **The Record Keeper,**
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

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DrK*110722/-



Dr. Babasaheb Ambedkar Marathwada University Aurangabad

Choice Based Credit System (CBCS) Course Structure

Faculty of Humanities

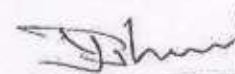
B.A. Syllabus Structure

Semester Pattern Effective from 2022-23 to onward

Subject: Economics

Semester	Course Code	Title of Course	Course Type	Lectures		Marks			Credits		
				Lectures / per week	Total Lectures	Theory	Internal Assessment	Total	Teaching	Internal Assessment	Total
I P.A. Cont 2022	CC-1A	Micro Economics - I	Core Course	04	60	40	10	50	2.5	0.5	3
	CC-1B	Macro Economics - I	Core Course	04	60	40	10	50	2.5	0.5	3
II CA 2023	CC-1C	Micro Economics - II	Core Course	04	60	40	10	50	2.5	0.5	3
	CC-2C	Macro Economics - II	Core Course	04	60	40	10	50	2.5	0.5	3
III 2023 Gem III	CC-1E	Public Finance	Core Course	04	60	40	10	50	2.5	0.5	3
	SEC - 1A	Financial Institutions and Market	Skill Enhancement Course	04	60	40	10	50	0.5	2.5	3
2024 IV Gem IV	CC-1F	Indian Economy	Core Course	04	60	40	10	50	2.5	0.5	3
	SEC - 1B	Data Collection & Analysis	Skill Enhancement Course	04	60	40	10	50	0.5	2.5	3
V 2025	DSE - A1	International Economics	Discipline Specific Elective	04	60	40	10	50	2.5	0.5	3
	DSE - A2	Agricultural Economics		04	60	40	10	50			
	DSE - A3	Mathematical Economics		04	60	40	10	50			
	SEC - 1C	Indian Stock Market	Skill Enhancement Course	04	60	40	10	50	0.5	2.5	3
	GE - 1	Introduction to Elementary Economics	Generic Elective	04	60	40	10	50	2.5	0.5	3
VI	DSE - B1	Development Economics	Discipline Specific Elective	04	60	40	10	50	2.5	0.5	3
	DSE - B2	Industrial Economics		04	60	40	10	50			
	DSE - B3	Economics of Social Sector		04	60	40	10	50			
	SEC - 1D	Insurance Market and its Products	Skill Enhancement Course	04	60	40	10	50	0.5	2.5	3
	GE - 2	Indian Economy	Generic Elective	04	60	40	10	50	2.5	0.5	3
Grand Total						560	140	700	27	15	42

CC = Core Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective, GE = Generic Elective
CA = Continuous Assessment, ESE = End of Semester Examination


 10.5.2022
 Chairman,
 Fac in Economics.

**Dr. Babasaheb Ambedkar Marathwada University
Aurangabad**

Choice Based Credit System (CBCS) Course Structure


Faculty of Humanities

B.A. First Year Syllabus

Semester Pattern Effective from 2022-23 to onward

Subject: Economics

Semester	Course Code	Title of Course	Course Type	Lectures		Marks			Credits		
				Lectures / per week	Total Lectures	Theory	Internal Assessment	Total	Theory	Internal Assessment	Credit
I	CC-1A	Micro Economics - I	Core Course	04	60	40	10	50	2.5	0.5	3
	CC-1B	Macro Economics - I	Core Course	04	60	40	10	50	2.5	0.5	3
Total (Semester -I)				08	120	80	20	100	5	1	6
II	CC-1C	Micro Economics - II	Core Course	04	60	40	10	50	2.5	0.5	3
	CC-2C	Macro Economics - II	Core Course	04	60	40	10	50	2.5	0.5	3
Total (Semester -II)				08	120	80	20	100	5	1	6
Grand Total ((Semester – I & II)				16	240	160	40	200	10	2	12


10.5.2022

**Dr. Babasaheb Ambedkar Marathwada University
Aurangabad**

CHOICE BASED CREDIT SYSTEM (CBCS)

B. A. F. Y. ECONOMICS

SEMESTER - I

ECO - CORE COURSE -CC-1A : MICRO ECONOMICS - I

Marks: 50

Theory:40

Internal Assessment:10

OBJECTIVES:

As a foundation of Economics in this course student as expected to understand the meaning and scope of micro economics, the behaviour of an economic agent, namely, a consumer, the price fluctuation in a market. The approach of this paper is to study the behaviour of a unit and analysis is generally static and in partial equilibrium framework. The units incorporated in this paper deals with nature and scope of economics, the theory of consumer behaviour.

Unit - 1 Introduction

(Lectures- 10)

- 1.1 Definitions of Economics: Adam Smith, Alfred Marshall and Lionel Robbins.
- 1.2 Micro Economics: Meaning, Nature, Scope, Importance and Limitations.
- 1.3 Difference between Micro Economics and Macro Economics.

Unit - 2 Demand and Supply Analysis

(Lectures-18)

- 2.1 Demand - Meaning, Law of Demand, Determinants of Demand.
- 2.2 Demand Function - Linear and non-linear demand function.
- 2.3 Elasticity of demand – Meaning, Types of elasticity of demand: Price, Income and Cross elasticity, Methods of Measurement of price elasticity of demand
- 2.4 Supply - Meaning, Law of Supply, Supply Function, Elasticity of supply

Unit - 3 Theory of Consumer Behaviour

(Lectures-18)

- 3.1 Meaning of Utility.

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10/5/2021

- 3.2 Cardinal utility approach- Total and Marginal Utility, Law of Diminishing Marginal Utility, Law of Equi-Marginal Utility
- 3.3 Ordinal Utility Approach - Indifference Curve - Meaning and properties of Indifference Curve
- 3.4 Consumer's Equilibrium with the help of Indifference curve, Income, Price and Substitution effects.

Unit - 4 Analysis of Market Equilibrium

(Lectures-14)

- 4.1 Meaning and Importance of Market Equilibrium.
- 4.2 Types of Equilibrium - Stable, Unstable and Neutral equilibrium.
- 4.3 Static and Dynamic Equilibrium, Partial and General Equilibrium.

COURSE OUTCOMES:

Completion of the study of Micro Economics student should be able to:

- 1) Analyse about traditional and modern definition of Economics.
- 2) Perform demand analysis to analyse the impact of economic events on markets.
- 3) Perform supply analysis to analyse the impact of economic events on markets.
- 4) Analyse the behaviour of consumers in terms of the demand for products.
- 5) Understand various types of market equilibrium.

BASIC READING LIST:

1. Ahuja H.L.,(2017, 21st edition) Advanced Economic Theory Micro Economic Analysis, S Chand & Company, Limited, New Delhi.
2. Bach, G.L. (1977) : Economics, Prentice Hall of India, New Delhi.
3. Dewett K.K., Navalur N.H., Khuntia J. , Modern Economic Theory, (2018), S Chand & Company, Limited, New Delhi.

4. Gauld, J.P. and Edward P. L.(1996) : Microeconomic Theory, Richard. Irwin, Homewood.
5. Henderson J. and R.E. Quandt (1980): Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.
6. Heathfield and Wibe (1987): An Introduction to Cost and Production Functions, Macmillan, London.
7. Koutsoyiannis, A. (1990): Modern Microeconomics, Macmillan.
8. Lipsey, R.G. and K.A. Chrystal (1999): Principles of Economics (9th Edition), Oxford University Press, Oxford.
9. Mansfield, E. (1997) : Microeconomics (9th Edition), W.W. Norton and Company, New York.
10. Ray, N.C. (1975): An Introduction to Microeconomics, Macmillan Company of India Ltd.Delhi.
11. Ryan, W.J.L. (1962),: Price Theory, Macmillan and CO. Limited, London.
12. Samuelson, P.A. and W.D. Nordhaus (1998), Economics, Tata McGraw Hill, New Delhi.
13. Stonier, A.W. and D.C. Hague (1972): A Textbook of Economic Theory, ELBS &Longman Group, London.

9

**Dr. Babasaheb Ambedkar Marathwada University
Aurangabad**

CHOICE BASED CREDIT SYSTEM (CBCS)

B. A. F. Y. ECONOMICS

SEMESTER - I

ECO - CORE COURSE –CC-1B : MACRO ECONOMICS-I

Marks: 50

Theory:40

Internal Assessment:10

Objectives:

This course is designed to provide an introduction to the students about the basic building blocks of Macro Economics which will serve as a foundation throughout their career.

Unit 1 Introduction (Lectures - 12)

- 1.1 Meaning, The origin and Roots of Macro Economics
- 1.2 Nature and Scope of Macro Economics
- 1.3 Importance and Limitations of Macro Economics

Unit 2 National Income (Lectures - 16)

- 2.1 Meaning, Concepts and Importance of National Income
- 2.2 Measurement of national income, difficulties in measuring national income
- 2.3 Circular flow of National Income: Two sector model, Three sector model


Unit 3 Determination of Output and Employment (Lectures - 12)

- 3.1 Classical Approach: Say's law, Keynes' Criticism on Classical Approach
- 3.2 Keynes's theory of Employment: Aggregate Demand Function, Aggregate Supply Function, Principle of Effective Demand

Unit 4 Consumption and Investment (Lectures - 20)

- 4.1 Consumption Function – Meaning, Various Concepts of Consumption, Psychological Law of Consumption, Factors Influencing Consumption Function
- 4.2 Investment Function - Meaning, Various Concepts of Investment, Factors Influencing Investment Function
- 4.3 Concept of Multiplier and Accelerator

Course Outcomes of Macro Economics.


10.5.2022

Course Outcomes of Macro Economics

Upon completion of macro economics I, students should be able to:-

1. Compute different measures of macro economic activity.
2. Analyse about definition of macro economics.
3. Understand the various concepts of national income.
4. Analyse Classical and Keynesian approach of output and employment
5. Understand consumption and investment function

Basic Reading List

1. H. L. Ahuja, Macro Economics: Theory and Policy, S. Chand & Company Limited. (Latest Edition)
2. M. L. Jhingan, Macro Economic Theory, Vrinda Publications Private Limited (Latest Edition)
3. Wavare Anil Kumar & V.Kumbhar ,(2019)Macro Economics,Ruby Publisher, Kolhapur, MS, India.
4. N. Gregory Mankiw, Principles of Macroeconomics, Cengage Learning (Latest Edition)
5. Stephen Williamson, Macroeconomics, Pearson (Latest Edition)
6. Brian Snowdon& Howard Vane, Modern Macroeconomics: Its Origins, Developments and Current State, Edward Elgar (Latest Edition)
7. David Romer, Advanced Macroeconomics, McGraw-Hill (Latest Edition)
8. Dilip Nachane, Critique of the New Consensus Macroeconomics and Implications for India, Springer (Latest Edition)
9. N. Gregory Mankiw, Macroeconomics, Worth Publishers (Latest Edition)
10. Sampat Mukherjee, Analytical Macroeconomics: From Keynes to Mankiw,
11. Sweet K. K. , Navale N. H. , Khuntia J. , Modern Economic theory, 2018, S. Chand and Company, limited, New Delhi.

11

**Dr. Babasaheb Ambedkar Marathwada University
Aurangabad**

CHOICE BASED CREDIT SYSTEM (CBCS)

B. A. F. Y. ECONOMICS

SEMESTER - ~~II~~ First Second,

CORE COURSE - CC--1C MICRO ECONOMICS - I I

Marks: 50

Theory:40

Internal Assessment:10

OBJECTIVES:

The purpose of this course on Macro Economics at the B. A. Level is to enable students to have an understanding of the various components regarding price determination under various types of markets. Units incorporated in this paper would enable the students to know about the theory of production, cost and revenue analysis, forms of market and factor pricing theories.

Unit - 1: Theory of Production

(Lectures-12)

- 1.1 Meaning of Production, Concept of Production Function.
- 1.2 The Law of Variable Proportions, It's economic implications.
- 1.3 Law of Returns to Scale.
- 1.4 Internal and External economies, Internal and External Diseconomies.

Unit - 2: Analysis of Cost and Revenue

(Lectures-14)

- 2.1 Concepts of cost- Money cost, Real cost, Opportunity cost,
Fixed and Variable cost, Average cost and Marginal cost
- 2.2 Short run and Long run cost curves: Total, Average and Marginal
- 2.3 Relation between Marginal cost, Average cost and Total cost.
- 2.4 Concepts of Revenue and Revenue Curves: Total, Average and Marginal Revenue.

Unit -3: Market Structure

(Lectures-18)

- 3.1 Meaning and classification of Market.
- 3.2 Perfect Competition: Concept, Characteristics, Price Determination, Equilibrium of the Firm and Industry in short run and long run.

- 3.3 Monopoly: Concept, Characteristics, Price and Output Determination Under Monopoly, Price Discrimination, It's types and conditions.
- 3.4 Monopolistic Competition: Concept, Characteristics, Price and Output Determination under Monopolistic Competition, Group Equilibrium, Concept of Selling cost.
- 3.5 Oligopoly and Duopoly: Concept and Characteristics.

Unit - 4: Theories of Distribution

(Lectures-16)

- 4.1 Rent: Meaning, Ricardian and Modern Theory of Rent.
- 4.2 Wages: Meaning, Modern Theory of Wage, Wage differentiation and Collective Bargaining
- 4.3 Interest: Meaning, Lovable Fund Theory and Liquidity Preference Theory of Interest.
- 4.4 Profit: Meaning, Uncertainty Theory of Profit and Innovation Theory of Profit.

OUTCOMES:

Upon completion of Micro Economics students should be able to:

- 1) Evaluate the factors affecting firms behaviour, such as production, revenue and cost.
- 2) Analyse the performance of firms under different market forms.
- 3) To be aware about Price Determination of firms under different market structure.
- 4) Explain how input market work.
- 5) Have a better awareness of different factors pricing.

Basic Reading List:

1. Ahuja H.L.,(2017, 21st edition) Advanced Economic Theory Micro Economic Analysis, S Chand & Company, Limited, New Delhi.
2. Bach, G.L. (1977) : Economics, Prentice Hall of India, New Delhi.
3. Dewett K.K., Navalur N.H., Khuntia J. , Modern Economic Theory, (2018), S Chand & Company, Limited, New Delhi.
4. Gauld, J.P. and Edward P. L.(1996) : Microeconomic Theory, Richard. Irwin, Homewood.
5. Henderson J. and R.E. Quandt (1980): Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.

6. Heathfield and Wibe (1987): An Introduction to Cost and Production Functions, Macmillan, London.
7. Koutsoyiannis, A. (1990): Modern Microeconomics, Macmillan.
8. Lipsey, R.G. and K.A. Chrystal (1999): Principles of Economics (9th Edition), Oxford University Press, Oxford.
9. Mansfield, E. (1997) : Microeconomics (9th Edition), W.W. Norton and Company, New York.
10. Ray, N.C. (1975): An Introduction to Microeconomics, Macmillan Company of India Ltd. Delhi.
11. Ryan, W.J.L. (1962),: Price Theory, Macmillan and CO. Limited, London.
12. Samuelson, P.A. and W.D. Nordhaus (1998), Economics, Tata McGraw Hill, New Delhi.
13. Stonier, A.W. and D.C. Hague (1972): A Textbook of Economic Theory, ELBS & Longman Group, London.

14

**Dr. Babasaheb Ambedkar Marathwada University
Aurangabad**

CHOICE BASED CREDIT SYSTEM (CBCS)
B. A. F. Y. ECONOMICS
SEMESTER - II

ECO - CORE COURSE – CC-2C : MACRO ECONOMICS-II

Marks: 50
Theory:40
Internal Assessment:10

Objectives:

This course is designed to make students aware of macroeconomic terminologies and make them familiar with macroeconomic terms and concepts in order to understand economics at aggregate level. It also aims to make the students aware about transitions in economy and measures to control it.

Unit 1 Money **(Lectures - 18)**

- 1.1 Money – Meaning and Functions
- 1.2 Value of Money and it's Measurements Index
- 1.3 Supply of Money: Various Measures of Money Supply, High Powered Money, Money Multiplier
- 1.4 Theory of Demand for Money - Fisher's Approach, The Cambridge Cash Balance Theory, Keynes's Theory

Unit 2 Inflation **(Lectures - 16)**

- 2.1 Inflation – Meaning, Types, Causes, Effects of Inflation
- 2.2 Nature of Inflation in Developing Economy, Measures to Control Inflation
- 2.3 Deflation – Meaning, Causes and Effects
- 2.4 Philips Curve, Concept of Stagflation, Long-Run Phillips Curve

Unit 3 Trade Cycles **(Lectures - 14)**

- 3.1 Meaning, Characteristics and Phases of Trade Cycle
- 3.2 Causes and Effects of Trade Cycle
- 3.3 Theory of Trade Cycle - Hawtrey's Monetary Theory, Hayek's Over Investment Theory, Keynesian view on Trade Cycles

Unit 4 Macroeconomic Policies**(Lectures - 12)**

- 4.1 Monetary Policy - Meaning, Objectives, Instruments, Advantages and Limitations, Role of Monetary Policy in Developing Economies
- 4.2 Fiscal Policy - Meaning, Objectives, Instruments, Advantages and Limitations, Role of Fiscal Policy in Developing Economies
- 4.3 Introduction of IS-LM Curve

Course outcomes of macro economics

Upon completion of macro economics II , students should be able to :-

1. Analyse the value of money and it's measurement.
2. Understand measures to control inflation and deflation
3. Analyse trade cycles and it's effects
4. Understand how monetary and fiscal policy can be used to achieve policy goals
5. Identify the social consequences of national and international economic activity.

Basic Reading List:-

1. H. L. Ahuja, Macro Economics: Theory and Policy, S. Chand & Company Limited. (Latest Edition)
2. M. L. Jhingan, Macro Economic Theory, Vrinda Publications Private Limited (Latest Edition)
3. Wavare Anil Kumar & V.Kumbhar ,(2019)Macro Economics,Ruby Publisher, Kolhapur, MS, India.
4. N. Gregory Mankiw, Principles of Macroeconomics, Cengage Learning (Latest Edition)
5. Stephen Williamson, Macroeconomics, Pearson (Latest Edition)
6. Brian Snowdon& Howard Vane, Modern Macroeconomics: Its Origins, Developments and Current State, Edward Elgar (Latest Edition)
7. David Romer, Advanced Macroeconomics, McGraw-Hill (Latest Edition)
8. DilipNachane, Critique of the New Consensus Macroeconomics and Implications for India, Springer (Latest Edition)
9. N. Gregory Mankiw, Macroeconomics, Worth Publishers (Latest Edition)
10. Sampat Mukherjee, Analytical Macroeconomics: From Keynes to Mankiw,
11. Sweet K. K. , Navale N. H. , Khuntia J. , Modern Economic theory, 2018, S. Chand and Company, limited, New Delhi.

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD.**



Circular / Acad Sec./ UG & PG/Rev. Curri./Col. & Uni.Cam./ 2022.

It is hereby inform to all concerned that, on the recommendation of Dean of Faculty of Humanities, the Hon'ble Vice-Chancellor has accepted the following subject wise Curriculum & Regulations of Choice Based Credit & Grading System under the faculty of Humanities in his emergency powers under Section 12 [7] of the Maharashtra Public University Act, 2016 on behalf of the Academic Council.

Sr. No.	UG/PG Course Curriculum Name	Semesters
01.	B.A., B.Com. & M. A. First Year [Marathi]	Ist & IInd
02.	B. A./B.Com/ B.Sc./BFA/BSW Second Language & Optional First Year [Hindi]	Ist & IInd
03.	B. A. First Year [Urdu]	Ist & IInd
04.	B.A./ B.Com/ B.Sc. Second Language & Optional First Year [Sanskrit]	Ist & IInd
05.	B. A. First & Second Year Progressively and M.A. Second Year [Psychology]	Ist to IVth and IIIrd & IVth
06.	B. A. First Year [Geography]	Ist & IInd
07.	B. A. First Year [Political Science]	Ist & IInd
08.	B. A. First & M.A. Second Year [Sociology]	Ist & IInd and IIIrd & IVth
09.	B. A. First Year [Economics]	Ist & IInd
10.	B. A. First Year [Public Administration]	Ist & IInd
11.	B. A. First & M.A. Second Year [Thoughts of Mahatma Phule and Dr. Babasaheb Ambedkar]	Ist & IInd and IIIrd & IVth
12.	B.A. First Year Optional [Military Science]	Ist & IInd
13.	B.A./ B.Sc. Second Language & Optional First Year [Arabic]	Ist & IInd
14.	B.A. First Year Optional [Islamic Studies]	Ist & IInd

This is effective from the Academic Year 2022-23 and Onwards progressively as appended herewith.

All concerned are requested to note the contents of this circular and bring notice to the students, teachers and staff for their information and necessary action.

University campus,
Aurangabad-431 004.
Ref. No. SU/Col. & UC/UG/PG/Rev. Curri./Col. & Uni.Cam./
2022/ 3355-65

Date: 11.07.2022.



**Deputy Registrar,
Academic.**



**DR. BABASAHEB AMBEDKAR MARATHWADA
UNIVERSITY, AURANGABAD**

**Choice Based Credit System (CBCS) Syllabus
for Bachelor of Arts (B.A.) Geography**

SEMESTER-I & II



With Effect from Academic Year 2022-23

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Dr. Babasaheb Ambedkar Marathwada University
17. 2022
Dr. Chaitanya D.S.
Chairman, BDS-Geography
M. A. O. M. U. Aurangabad

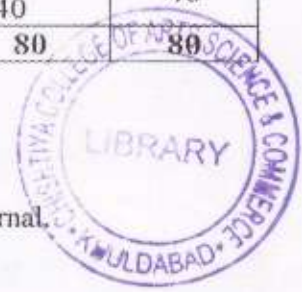
B. A. F. Y. Geography Syllabus (CBCS) w. e. f. academic year 2022-23
CBCS Curriculum Structure and Scheme of Evaluation for B.A. F.Y. Geography

SEMESTER- I st									
Sr. No.	Course Code	Titles of Course	Scheme of Teaching (Periods / Week)		Total Lectures	Total Credit	Scheme of Evaluation (Marks)		
			Theory	Practical			Theory	Practical	Total Marks
1	CCGEOG-3A	Physical Geography	4	-	60	2	30	-	30
2	CCGEOG-3B	Human Geography	4	-	60	2	30	-	30
3	CCGEOG-3P1	Practical	-	4	60	2	-	40	40
(A) Total of Semester – I			8	4	180	6	60	40	100

SEMESTER- II nd									
Sr. No.	Course Code	Titles of Course	Scheme of Teaching (Periods / Week)		Total Lectures	Total Credit	Scheme of Evaluation (Marks)		
			Theory	Practical			Theory	Practical	Total Marks
1	CCGEOG-1E	Geography of Landforms	4	-	60	2	30	-	30
2	CCGEOG-2E	Geography of Maharashtra	4	-	60	2	30	-	30
3	CCGEOG-3P2	Practical	-	4	60	2	-	40	40
(B) Total of Semester – II			8	4	180	6	60	40	100

Annual Practical (Semester- I st & II nd)							
Sr. No.	Course Code	Titles of Course	Scheme of Teaching (Periods / Week)		Total Credit	Scheme of Evaluation (Marks)	
			Practical	Total Lectures		Practical	Total Marks
1	CCGEOG-3P1	Practical	4	60	2	40	40
2	CCGEOG-3P2	Practical	4	60	2	40	40
(C) Total of Semester – I & II			8	120	4	80	80

1. Teaching work load shall be four periods per week each theory paper.
2. Four periods per batch per week for practical.
3. Strength of students for each practical batch shall not be more than 20.
4. Students shall not be allowed for practical Examination without certified journal.
5. Total periods for each theory paper shall be 60 per semester.
6. Total Periods for Practical paper shall be 60 per semester.
7. Practical Examination will be held at the end of the academic year. (Annual Practical)
8. There should be Continuous Internal Evaluation (CIE) for each paper e.g. Test, tutorials, Seminars and Home Assignments etc.



[Signature]
 1.7.2022
 Dr. Rajkants D. S.
 Chairman, BOS- Geography,
 Dr. B.A. M.U. Aurangabad

B.A. F.Y. (Semester – Ist) ✓

Course Code – CCGEOG-3A

Title of Course- Physical Geography

❖ Learning Outcomes:

After the completion of the course, the students will have the ability to:

1. Students will know the basic concept in physical geography.
2. Understand earth's tectonic and structural evolution.
3. Gain knowledge about earth's interior and various theories regarding earth.
4. Acquire knowledge about types of folds and faults and earthquakes, volcanoes and rocks classification.

Total Marks: 30

Unit No.	Teaching/ Learning Points	Period	Marks
I	Introduction of Physical Geography: Meaning, Nature and Scope, Element, Branches of Physical Geography	10	6
II	Lithospheres: Interior of the Earth, Wegner's Continental Drift Theory, Isostasy and plate Tectonic theory.	20	8
III	Earth Movements: Vertical and Horizontal, Process of Folding causes and effect, process of Faulting, Causes and effect. Volcanoes and Earthquakes.	20	8
IV	Rocks: Classification of rocks on the basis of Origin. Properties of different rocks.	10	8

Recommended Books :

- 1] Monkhouse, F.J.: Principles of Physical Geography, Hodder and Stoughton, London 1960.
- 2] Pitty, A: Introduction to Geomorphology, Methuen, London, 1974.
- 3] Small, R.J. : The Study of Landforms McGraw Hill, New York, 1985.
- 4] Daval P.A. Text books of geomorphology, Shukla book depot, Patna. 1996.
- 5] Singh, S.: Geomorphology, Praying Pustakalaya, Allahabad, 1998.
- 6] Kale V. and Gupt, A Element of Geomorphology Oxford University Press, Calcutta, 2001.
- 7] Dr. Pramod Dhokane, Handbook of Physical Geography, Oxford Publication, Delhi, 2019.
- 8] डॉ. गजहंस डी. एस व डॉ. पाथरे यु. बी. : प्राकृतिक भूगोल, विद्या प्रकाशन, औरंगाबाद.
- 9] प्रा. दाते व साँ. दाते: प्राकृतिक भूविज्ञान, सुगावा प्रकाशन, पुणे.
- 10] प्रा. ए. बी. सवदी: प्राकृतिक भूगोल, निराली प्रकाशन.
- 11] प्रा. के. ए. खतीब : प्राकृतिक भूगोल, मेहता पब्लिशिंग हाउस, पुणे
- 12] डॉ. राजेंद्र परमार : प्राकृतिक भूगोल, हिमालय पब्लिशिंग हाउस, मुंबई.
- 13] डॉ. एस. आर. चौधरी व डॉ. मिश्रीलाल चव्हाण: प्राकृतिक भूगोल, प्रशांत पब्लिकेशन, जळगाव.



B. A. F. Y. Geography Syllabus (CBCS) w. e. f. academic year 2022-23
B.A. F.Y. (Semester – Ist)
Course Code- CCGEOG-3B
Title of Course- Human Geography



Learning Outcomes:

After the completion of the course, the students will have the ability to:

1. Gain knowledge about major themes of human Geography.
2. Acquire knowledge on the history and evolution of humans.
3. Learn about the various races and racial groups of the world
4. Learn the rural house types, census categories of rural settlements and idea of social segregation.

Total Marks: 30

Unit No.	Topic	Period	Marks
I	Introduction Definition, Nature and Scope of Human Geography Branches of Human Geography.	10	6
II	Man and Environment relationship Types of Environment, Concept of Determinism and Possibilism, Stop and Go deterministic Approach.	20	8
III	Physical and Social Profile of Racial groups , Ethnic groups, Tribal groups in World and India, Eskimos, Bushmen, Masai, Gonds, Gujars.	20	8
IV	Human Settlement:- Types, Forms Patterns and Functional classification	10	8

Recommended Books :

- 1] Bergman, Edward E : Human Geography, Culture, Connection and landscape, Prentice Hall, New Jersey, 1995.
- 2] Carr, M : Patterns, Process and change in Human Geography Macmillan Education, London 1987.
- 3] Singh K.N.: People of India and Introduction, Seagulla Book 1992.
- 4] Joston, R.J. (Editor) : Dictionary of Human Geography Black well Oxford, 1992.
- 5] Deblji H.J. : Human Geography, Culture, Society and Space John Wiley, New York, 1996.
- 6] Fellman J.I. : Human geography – Landscapes of Human Activities, m bron and Benchment pub, U.S.A. 1997.
- 7] डॉ. गजहंस डी. एस व डॉ. पाथरे यु. बी. : मानवी भूगोल, विद्या प्रकाशन, औरंगाबाद.
- 8] डॉ. माजिद हुसैन: मानवी भूगोल, किताब महाल प्रकाशन, दिल्ली.
- 9] डॉ. राजेंद्र परमार : मानवी भूगोल, हिमालय पब्लिशिंग हाउस, मुंबई.
- 10] प्रा. के. ए. खतीव : मानवी भूगोल, मेहता पब्लिशिंग हाउस, पुणे



B. A. F. Y. Geography Syllabus (CBCS) w. e. f. academic year 2022-23
B.A. F.Y. (Semester – Ist)
 Course Code- CCGEOG-3P1
 Title of Course- Practical Geography

❖ Learning Outcome:

After the completion of course, the students will have ability to:

1. Students will know the definition of Cartography and scale of maps.
2. Students Understand the methods of reliefs.
3. Comprehend the concept of relief features and representation of slopes through contour line.

Total Marks: 40

Unit No.	Topic	Period	Marks
I	Nature and Scope of Cartography. Scale- Meaning, Methods of Representing Scale, Statement Scale, Numerical Scale and Representative.Fraction (R.F. Scale) Linear Scale, Types of Linear Scale i] Simple Linear Scale. ii] Comparative Scale. iii] Diagonal Scale.	24	10
II	Methods of Showing Relief: Hachure's, Spot Heights, Bench Mark, Hill Shading, Layer tint, Contours & Form Lines.	12	10
III	Representation of Slopes by Contours Even and Uneven, Gentle and Steep, Concave and Convex & Terraced Slopes, Cross Profiles.	24	10
IV	Journal and Viva-Voce.	-	10

Recommended Books :

- 1] Misra, R.P. and Ramesh, A. Fundamentals of Cartography McMillan Co., New Delhi, 1986.
- 2] Robinson, A.H. et al : Elements of Cartography, John Wiley & Sons, U.A.A. 1995.
- 3] Sarkar A. : Practical Geography : A Systematic Approach, Oriental Longman, Calcutta, 1997.
- 4] Singh R.L. Elements of Practical Geography.
- 5] Md. Khan, Z.A. 1998, Text Book of Practical Geography Concept Publishing House, New Delhi.
- 6] डॉ. अर्जुन कुंभार: प्रात्यक्षिक भूगोल, सुनेरु पब्लिकेशन डोबिवली, मुंबई.
- 7] डॉ. पी. एम. नागतोडे : प्रात्यक्षिक भूगोल,
- 8] डॉ. व्ही. जे. पाटील व डॉ. ए. पी. चौधरी: प्रात्यक्षिक भूगोल, प्रशांत पब्लिकेशन, जळगाव.
- 9] डॉ. जयकुमार मगर व जगताप : प्रात्यक्षिक भूगोल.



B. A. F. Y. Geography Syllabus (CBCS) w. e. f. academic year 2022-23
B.A. F.Y. (Semester – IInd)

Course Code- CCGEOG-1E

Title of Course- Geography of Landforms ✓

❖ Learning Outcomes:

After the completion of course, the students will have ability to:

1. Understand the functioning of Earth systems in real time and analyze how the natural and anthropogenic operating factors affects the development of landforms.
2. Overview the landform formation process.
3. Assess the roles of structure, stage and time in shaping the landforms.
4. To acquaint the students with the utility and applications of Geomorphology in different area

Total Marks: 30

Unit No.	Topic	Period	Marks
I	Concept of landforms, Evolution and types of landforms, W. M. Davis's Cycle of Erosion	10	6
II	Weathering:- Types and classification of Weathering Mechanical, Chemical and biological. Soil formation.	20	8
III	Geomorphic agents and processes. Erosion, Transportation, Deposition, Landforms produced by River, Wind, Sea waves, Glacier and Undergroundwater	20	8
IV	Applied Geomorphology, Geomorphology and Settlement, Geomorphology & Land use and Geomorphology & Resources.	10	8

Recommended Books :

1. Monkhouse, F.J. : Principles of Physical Geography, Hodder and Stoughton, London 1960.
2. Pitty, A : Introduction to Geomorphology, Methuen, London, 19977.
3. Small, R.J. : The Study of Landforms McGraw Hill, New York, 1985.
4. Daval P.A. Text books of geomorphology, Shukla book department Patna, 1996.
5. Singh, S. : Geomorphology, Praying Pustakalaya, Allahabad, 1998.
6. Kale V. and Gupta, A Element of Geomorphology Oxfo University Press, Calcutta, 2001.
- 7.
8. डॉ. गजहंस डी. एस व डॉ. पाथरे यु. बी : प्राकृतिक भूगोल, विद्या प्रकाशन, औरंगाबाद.
9. प्रा. दाते व सौ. दाते : प्राकृतिक भूविज्ञान, सुगावा प्रकाशन, पुणे.
10. प्रा. ए. बी. सबदी व प्रा. पी. एस. कोळेकर : भुरुपशास्त्राची मूलतत्वे, निराली प्रकाशन, पुणे
11. प्रा. के. ए. खलीब : प्राकृतिक भूगोल, मेहता पब्लिशिंग हाउस, पुणे
12. डॉ. राजेंद्र परमार : प्राकृतिक भूगोल, हिमालय पब्लिशिंग हाउस, मुंबई.
13. डॉ. एस. आर. चौधरी व डॉ. किरण गावीत: भुरुपशास्त्र, प्रशांत पब्लिकेशन, जळगाव.
14. डॉ. फुले, डॉ. शहापूरकर व डॉ. शेटे: प्राकृतिक भूगोल, अभिजीत पब्लिकेशन, लातूर.



B.A. F.Y. (Semester – IInd)

Course Code- – CCGEOG-2E

Title of Course- Geography of Maharashtra ✓

❖ Learning Outcomes:

After the completion of course, the students will have ability to:

1. To acquaint students with Geography of our State.
2. To make students aware of the magnitude of problems and prospects in Maharashtra.
3. To help students understand the inter relationship between the subject and the society.
4. To help students understand the recent trends in regional studies.

Total Marks: 30

Unit No.	Topic	Period	Marks
I	Position and Personality : Location, Size and Shape, Relief and Physical Division of Maharashtra.	10	6
II	Physical Characteristics: Climate, Drainage, Soil and Natural Vegetation of Maharashtra.	20	8
III	Agriculture :- Cropping Pattern Major Crops: - Jowar, Wheat, Rice, Cotton, Sugarcane, Oilseeds & Pulses- Geographical Condition, Production & distribution.	20	8
IV	Industries : - Cotton and textile Industries, Sugar Industries. Transpiration: - Road and Railwaytransport.	10	8

Recommended Books :

- 1] Arunchalam A- Geography of Maharashtra.
- 2] Deshpande C.D.- Geography of Maharashtra.
- 3] Sarang S. – Geography of Maharashtra.
- 4) डॉ. एस. व्ही. ताठे: महाराष्ट्राचा भूगोल, चिन्मय प्रकाशन, औरंगाबाद.
- 5) प्रा.ए.बी.सवदी व प्रा. पी. एस. कोळेकर : महाराष्ट्राचा भूगोल, निराली प्रकाशन, पुणे
- 6) डॉ. विठ्ठल धारपुरे: महाराष्ट्राचा भूगोल, पिंपळापुरे, नागपूर
- 7) महाराष्ट्र राज्य आर्थिक व सामाजिक समालोचन,



B. A. F. Y. Geography Syllabus (CBCS) w. e. f. academic year 2022-23

B.A. F.Y. (Semester – IInd)
Course Code- CCGEOG-3P2
Title of Course- Practical Geography

❖ Learning Outcome:

After the completion of course, the students will have ability to:

1. Students will know how to reduce and enlarge the maps.
2. Students will understand the representation of landforms by contours.
3. Students will know signs and symbols used in SOI Maps.
4. Students will acquire the Knowledge of Toposheet (SOI Maps) Reading and Interpretation.

Total Marks: 40

Unit No.	Topic	Period	Marks
I	Definition & Classification of maps, Enlargement and Reduction of Maps by square Methods.	15	10
II	Representation of Landforms by Contours. Conical hill, Plateau, Cliff, Waterfall, U Shaped Valley, 'V' Shaped Valley, Pass, Ridge.	20	10
III	Conventional Signs and Symbols of SOI Maps, Study of Indian Topographical (SOI) Maps. i] Relief ii] Human Settlementiii] Drainage iv] Transportation.	25	10
IV	Journal and Viva-Voce.	-	10

Recommended Books:

- 1] Misra, R.P. and Ramesh, A Fundamentals of Cartography McMillan Co., New Delhi, 1986.
- 2] Robinson, A.H.etal: Elements of Cartography, John Wiley & Sons, U.S.A. 1995.
- 3] Sarkar A. : Practical Geography : A Systematic Approach, Oriental Longman, Calcutta, 1997.
- 4] Singh R.L. Elements of Practical Geography.
- 5] Md. Khan, Z.A. 1998, Text Book of Practical Geography Concept Publishing House, New Delhi.
- 6] डॉ. अर्जुन कुंभार: प्रात्यक्षिक भूगोल, सुमेरु पब्लिकेशन डोबिवली, मुंबई.
- 7] डॉ. पी. एम. नागतोडे : प्रात्यक्षिक भूगोल,
- 8] डॉ. व्ही. जे. पाटील व डॉ. ए. पी. चौधरी: प्रात्यक्षिक भूगोल, प्रशांत पब्लिकेशन, जळगाव.
- 9] डॉ. जयकुमार मगर व जगताप : प्रात्यक्षिक भूगोल.



17/02/22
 Dr. Lajkants D. S. 8 | Page
 Chairman, BDS-Geography,
 Dr. B.A.M.U. Aurangabad.

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Choice Base Credit System (CBCS) Syllabus
B.A. Geography
With Effect From Academic Year 2022-23



Sem.	Core Course (12)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (2)	Discipline Specific Elective (DSE) (4)	Generic Elective (GE) (2)
I	1) Physical Geography CCGEOG-3A (30) 2) Human Geography CCGEOG-3B (30) 3) Practical CCGEOG-3P1 (40)				
II	1) Geography of Landforms CCGEOG-1E (30) 2) Geography of Maharashtra CCGEOG-2E (30) 3) Practical CCGEOG-3P2 (40)				
III	1) Climatology CCGEOG-3E (30) 3) Practical CCGEOG-3P3 (40)		2) Introduction of GIS SEC GEOG-3A (30)		
IV	1) Oceanography CCGEOG-3F (30)		2) Geography of Population SEC GEOG-3B (30) 3) Practical SEC GEOG-3P4 (40)		
V			1) Geography of Environment SEC GEOG-3C (30)	2) Geography of India DSE-3 GEOG- A1 (30) or 2) Regional Planning & Development DSE-3 GEOG-A2 (30) 3) Practical DSE-3 GEOG-P5 (40)	4) Geography of Natural Calamities GEOG-1 (40) (Tutorial 10 Marks)
VI			1) Geography of Resources SEC GEOG-3D (30) 3) Practical SEC GEOG-P6 (40)	2) Geography of Tourism DSE-3 GEOG-B2 (30) or 2) Agricultural Geography of India DSE-3 GEOG-B1 (30)	4) General Geography GEOG-2 (40) (Tutorial 10 Marks)

Note:

1. Practical paper will not have tutorials.

Vijayendra S. S.
17.10.2022
Dr. Vijayendra S. S.
Chairman, B.A. Geography
Dr. A. A. M. S. Aurangabad

**DR. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
AURANGABAD.**



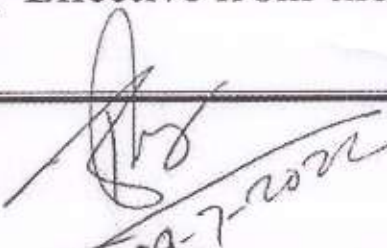
Curriculum of
B. A. | History |
Semester-I & II

**'under the Choice Based Credit & Grading System
Pattern'**

**Implemented at College
Level**



[Effective from the Academic Year 2022-23 & Onwards]


Dean
Faculty of Humanities,
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad.


Prof. V.B. Lamb
Chairman
BOS in History,
Dr. B.A.M. University, Aurangabad.

Dr. Babasaheb Ambedkar Marathwada University Aurangabad

Choice-Based Credit System (CBCS) Course Structure

Faculty of Humanities

B.A. First Year Syllabus

Semester Pattern Effective from 2022 - 23 onwards

Subject: History

Sem	Subject/ Program	Course Code	Title of Course	Course Type	Lectures		Marks			Credits		
					Lect/ Per week	Total Lect	Theory	Tut/ Prac/ Proj	Total	Teaching	Tut/ Prac/ Proj	Total
I	HIS-01	CC-1A	History of Marathas (1630 A.D. to 1707 A.D.)	Core Course	04	60	40	10	50	2.5	0.5	03
					04	60	40	10	50	2.5	0.5	03
	HIS-02	CC-1B	History of Ancient India (Beginning to 320 A.D.)	Core Course	04	60	40	10	50	2.5	0.5	03
Total (Semester-I)					08	120	80	20	100	05	01	06
II	HIS-03	CC-2A	History of Marathas (1707 A.D. to 1818 A.D.)	Core Course	04	60	40	10	50	2.5	0.5	03
					04	60	40	10	50	2.5	0.5	03
	HIS-04	CC-2B	History of Ancient India (A.D. 320 to A.D. 1206)	Core Course	04	60	40	10	50	2.5	0.5	03
Total (Semester-II)					08	120	80	20	100	05	01	06
Grand Total (Semester - I & II)					16	240	160	40	200	10	02	12

Note: The Paper Indian Constitution is compulsory the credits of which are not included in the degree

PROF. V.D. LADIIU
Chairman
BOS In History,
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Dr. Babasaheb Ambedkar Marathwada University Aurangabad

Choice-Based Credit System (CBCS) Course Structure

Faculty of Humanities

B.A. First Year Syllabus

Semester - I

Semester Pattern Effective from 2022 – 23 onwards

Subject: History

HIS-Core Course CC-1A : History of Marathas (1630 A.D. to 1707 A. D.)

Marks: 50

Theory: 40

Internal Assessment: 10

Total Hours: 60

Chapter – 1 – Sources and Rise of Maratha Power A. Sources of Maratha History B. Rise of Maratha Power a. Causes <i>CH शाहजी मुल्क</i> b. Geography, Political, Socio-Religious and Economic background c. <i>(EVS)</i> Shahaji Bhosle d. Shivaji – Adilshahi Relations	Periods 15
Chapter – 2 – Shivaji –Mughal Relations and Coronation of Shivaji a. Attack on Shahistakhan b. Invasion of Mirza Raja Jaising and Treaty of Purandar c. Shivaji's Visit to Agra and Back to Raigadh d. Coronation of Shivaji e. Chhatrapati Sambhaji	Periods 15
Chapter – 3 – Maratha War of Independence a. Chhatrapati Rajaram b. Maharani Tarabai	Periods 15
Chapter – 4 – Administration of Maratha Power a. Civil b. Judicial c. Military	Periods 15
Total Period	60

Note: Internal assessment will be in respect of test/tutorial

Semester - I

HIS-Core Course CC-1A : History of Marathas (1630 A.D. to 1707 A. D.)

Suggested Readings:

1. Kulkarni A. R., Maharashtra in the Age of Shivaji, Diamond Publication, Pune.
2. Kulkarni A. R., Medieval Maharashtra, Diamond Publication, Pune.
3. Kulkarni A. R., Studies in Maratha History, Diamond Publication, Pune.
4. James Grant Duff, The History of Marathas, Cambridge Library Collection.
5. Chaurasia R. S., History of the Marathas, Atlantic Publishers & Dist.
6. Judunath Sarkar, Shivaji and His Times, Orient Blackswan
7. Mehendale G. B., Shivaji His Life and Times, Param Mitra Publication
8. Balakrishna, Shivaji The Great, Vol. IV
9. Sharma S. R., The Founding of Maratha Freedom, Rev. Ed. Orient Longmans, Bombay
10. Mujumdar R. C., The History and Culture of the Indian People, The Maratha Supremony.
11. Setu Madhavrao Pagadi, 18th Century of Deccan
12. Ranade M. G., Rise of Maratha Power, University of Bombay
13. Sardesai G. S., Shivaji and His Times, Third Impression, Vol. I
14. Sardesai G. S., The Extension of Maratha Powers
15. Gune V. T., The Judicial System of Marathas, Deccan College, Pune
16. Sen S. N., Administrative History of the Marathas, Calcutta
17. Sen S. N., The Military System of Marathas, Calcutta

मराठी / हिंदी संदर्भ ग्रंथ सूची :

१. कुलकर्णी अ. रा., मराठ्यांचा इतिहास - साधन परिचय, डायमंड पब्लिकेशन, पुणे
२. सेन एस. एन. (अनुवादित), मराठ्यांची लष्करी व्यवस्था, डायमंड पब्लिकेशन, पुणे
३. कुलकर्णी अ. गो., शिवचरित्र साहित्य, खंड - १५, डायमंड पब्लिकेशन, पुणे
४. देशपांडे प्र. न., मराठ्यांचा उदय व उत्कर्ष, पुणे
५. बाहेकर एम. ए., हुतात्मा छत्रपती संभाजी राजे काल आणि कर्तृत्व
६. भावे वा. कृ., युगप्रवर्तक शिवाजी महाराज
७. राजवाडे वि. का. (संपा.), मराठ्यांच्या इतिहासाची साधने, खंड १ ते २६
८. भारत इतिहास संशोधक मंडळ, पुणे, शिवचरित्र साहित्य, भाग १ ते १६
९. जोशी रा. व्य. परकीयांच्या दृष्टीकोनातून शिवाजी, पुणे
१०. कुलकर्णी अ. रा., शिवकालीन महाराष्ट्र, पुणे
११. बेंद्रे वा. सी., छत्रपती संभाजी महाराज यांचे विचिकित्सक चरित्र, मुंबई
१२. गोखले कमल, शिवपुत्र संभाजी
१३. मुटकुळे / धाये, छत्रपती शिवाजी आणि शिवकाल, औरंगाबाद

Dr. Babasaheb Ambedkar Marathwada University Aurangabad

Choice-Based Credit System (CBCS) Course Structure

Faculty of Humanities

B.A. First Year Syllabus

Semester - I

Semester Pattern Effective from 2022 – 23 onwards

Subject: History

HIS - Core Course CC-1B : History of Ancient India (Beginning to 320 A.D.)

Marks: 50

Theory: 40

Internal Assessment: 10

Total Hours: 60

Chapter – 1 – Sources of Ancient India a. Archaeological Sources b. Literary Sources c. Foreign Accounts	Periods 15
Chapter – 2 – Harappa Civilization and Transitions in Vedic Culture a. Polity b. Socio-Economy c. Religion	Periods 15
Chapter – 3 – Second Urbanization and Rise of Heterodox Religions a. Process of urbanization and Mahajanpadas b. Jainism c. Buddhism	Periods 15
Chapter – 4 – Mauryan and Satvahana Dynasty a. Chandragupta Maurya and Currier and Achievements b. Ashoka and his Dhamma d. Satkarni I, Raja Hal, Gautamiputra Satkarni	Periods 15
Total Period	60

Note: Internal assessment will be in respect of test/tutorial

Semester - I

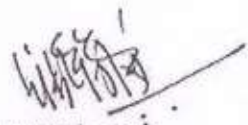
HIS - Core Course CC-1B : History of Ancient India (Beginning to 320 A.D.)

Suggested Readings :

1. Bose A. N., Social and Rural Economy of Northern India
2. Das S. K., Economic History of Ancient India
3. Bhargava P. L., Banking in Ancient and Medieval India
4. Mujumdar R. C., Corporate Life in Ancient India
5. Mujumdar R. C. and Pulsalkar, History and cultural of the Indian People, Vol. I, Vedic age, Vol. II, Age of Imperial Unity.
6. Mujumdar R. C. & Others, Advanced History of India, Part - I, Ancient India
7. Mukerji R. K., Ancient India
8. Piggot Stuart, Prehistoric India
9. Pannikar K. M., Survey of Indian History
10. Sastri K. A. N. (Ed.), Age of Nandas and Mauryas
11. Sastri K. A. N., Advance History of India
12. Kosambi D. D., Culture and Civilization of Ancient India in Historical Outline
13. Ghosh N. N., Early History of India
14. Wheeler sir Mortimer, Indus Civilization, Supplimentary Volume of the Cambridge History of India, Vol. I-III
15. Rao S. R., Lothal and the Indus Civilizations

मराठी / हिंदी संदर्भ ग्रंथ सूची :

१. कुलकर्णी अ. रा., प्राचीन भारत
२. कंगले र. पा., प्राचीन भारतीय राजनीती
३. वर्णेकर श्री. भा, भारतीय धर्म व तत्त्वज्ञान
४. माटे म. श्री., प्राचीन भारतीय कला
५. देगलूकर, ढवळीकर, गायकवाड, प्राचीन भारताचा इतिहास व संस्कृती
६. काणे पा. वा., धर्मशास्त्राचा इतिहास
७. माळी के. एस. आणि एन. सी. झा, प्राचीन भारत का इतिहास


 Prof. V.B. Lamb
 Chairman
 BOS in History,
 Dr.B.A.M. University, Aurangabad.

9

Dr. Babasaheb Ambedkar Marathwada University Aurangabad

Choice-Based Credit System (CBCS) Course Structure

Faculty of Humanities

B.A. First Year Syllabus

Semester - II

Semester Pattern Effective from 2022 – 23 onwards

Subject: History

HIS-Core Course CC-2A : History of Marathas (1707A.D. to 1818 A. D.)

Marks: 50

Theory: 40

Internal Assessment: 10

Total Hours: 60

Chapter – 1 – Transfer of Power from Chhatrapati to Peshwa a. Causes b. Chhatrapati Shahu c. Balaji Vishwanath	Periods 15
Chapter – 2 – Peshwa Bajirao I and expansion of Maratha Power a. Peshwa Bajirao I b. Peshwa Nana Saheb c. Third Battle of Panipat	Periods 15
Chapter – 3 – Revival of Maratha Power a. Peshwa Madhavrao b. Peshwa Bajirao II c. Anglo- Maratha Relation	Periods 15
Chapter – 4 – Decline of the Maratha Power a. Causes and Consequences b. Administration of Peshwas	Periods 15
Total Period	60

Note: Internal assessment will be in respect of test/tutorial

Semester - II

HIS-Core Course CC-2A : History of Marathas (1707A.D. to 1818 A. D.)

Suggested Readings:

1. Setu Madhavrao Pagadi, 18th Century Deccan
2. Dighe V. G., Peshwa Bajirao and Maratha Expansion
3. Banerjee A. C., Peshwa Madhavrao New History of Maratha, Vol. II, III, Main Currents of the Maratha History.
4. Sen S. N., Anglo - Maratha Relations
5. Sen S. N., Fall of the Maratha Empire, 1796-1806, Volume I, Primus Books, Delhi
6. Parasnis D. B., and Kincaid C. A., History of Maratha People
7. Shrinivasan C. K., Bajirao I the Great Peshwa
8. Briji Kishore, Tarabai and His Times
9. Chitnis K. N., Glimpse of Medieval Indian Ideas and Institutions, IInd Ed. Pune
10. Sardesai G. S., The Main Currents of Maratha History, Phoenix, Bombay
11. Gune V. T., The Judicial System of the Marathas, Deccan College, Pune
12. Desai S. V., Social Life in the Marathas under the Peshwas
13. Nadkarni R. V., The Rise and Fall of Maratha Empire, Popular, Mumbai

मराठी / हिंदी संदर्भ ग्रंथ सूची :

१. शेजवलकर त्र्यं. शं., पानिपत १७६१
२. राजवाडे वि. का., मराठ्यांच्या इतिहासाची साधने, खंड १ ते २६
३. बेहरे ना. के., पहिले बाजीराव पेशवे
४. गुप्ता, मराठे आणि पानिपत
५. कुलकर्णी अ. रा., खरे ग. ह., मराठ्यांचा इतिहास, भाग १, २, ३
६. फाटक, पगडी, पानिपतचा रणसंग्राम
७. पवार अप्पासाहेब, ताराबाई कालीन कागदपत्रे, खंड १, कोल्हापूर
८. गवळी पी. ए., पेशवेकालीन अस्पृश्यता, औरंगाबाद
९. साने का. ना., थोरले शाहू महाराज यांचे चरित्र
१०. लांब व्यंकटेश, पेशवेकालीन न्याय व्यवस्था, औरंगाबाद
११. सेन एस. एन. (अनुवादित), मराठ्यांची लष्करी व्यवस्था, डायमंड पब्लिकेशन, पुणे
१२. कस्तुरे कौस्तुभ, 'पेशवाई', राफ्टर पब्लिकेशन
१३. भावे वा. कृ., पेशवेकालीन महाराष्ट्र, पुणे
१४. जयराज सालगावकर, अजिंक्य योद्धा बाजीराव
१५. ऊध्वरिषे वा. गो., आज्ञापत्र अथवा मराठेशाहीतील राजनीती
१६. आचार्य धनंजय, थोरले माधवराव पेशवे, श्री साईनाथ प्रकाशन, नागपूर
१७. कुलकर्णी उदय, बापये विजय (अनु.), द इरा ऑफ बाजीराव, मुळा मुठा पब्लिशर्स
१८. कस्तुरे कौस्तुभ, धुरंधर पेशवा नानासाहेब

Dr. Babasaheb Ambedkar Marathwada University Aurangabad

Choice-Based Credit System (CBCS) Course Structure

Faculty of Humanities

B.A. First Year Syllabus

Semester - II

Semester Pattern Effective from 2022 – 23 onwards

Subject: History

HIS-Core Course CC-2B : History of Ancient India (A.D. 320 to A.D. 1206)

Marks: 50

Theory: 40

Internal Assessment: 10

Total Hours: 60

Chapter – 1 – Gupta and Vakataka Dynesty a. Gupta Dynasty – Chandragupta – I, Samudragupta, Chandragupta – II, Golden Age, Decline of Gupta Age b. Vakataka Dynasty – Vindhyashakti, Pravarsen- I, Rudrasen – I, Pravarsen - II	Periods 15
Chapter – 2 – Vardhan Dynasty a. Prabhakar Vardhan b. Rajvardhan c. Harshvardhan d. Administration and Religious Policy	Periods 15
Chapter – 3 – Chalukyas and Rashtrakutas a. Chalukya Pulkeshi – I, Kirtivarman, Manglesh, Pulkeshi – II b. Raashtrakutas – Dantidurga, Krishna – I, Govind – III, Amoghvarsh – I, Krishna- III	Periods 15
Chapter – 4 – Chalukyas of Kalyani a. Tailap – II c. Vikramaditya - II	Periods 15
Total Period	60

Note: Internal assessment will be in respect of test/tutorial

Semester - II


HIS-Core Course CC-2B : History of Ancient India (A.D. 320 to A.D. 1206)

Suggested Readings :

1. Mujumdar R. C. (Ed.), The History of Culture of Indian People, Vol. III & IV
2. Altekar A. S., The Position of Women in Hindu Civilization
3. Altekar A. S., Education in Ancient India
4. Behara K. S. & Shaha B. P., Ancient History of India
5. Chakravarti K. C., Ancient Indian Culture and Civilization
6. Brown, Indian Architecture (Hindu & Buddhism)
7. Gopalan G., History of Pallava of Kanchi
8. Madan A. P., The History of Rashtrakutas
9. Nagarajrao M. S. (Ed.), The Chalukyas
10. Kosambi D. D., The Culture and Civilization of Ancient India
11. Gopal B. R., The Chalukyas of Kalyani and Kalchuries

मराठी / हिंदी संदर्भ ग्रंथ :

१. देगलूरकर, ढवळीकर, गायकवाड, प्राचीन भारताचा इतिहास व संस्कृती
२. कुलकर्णी अ. रा., प्राचीन भारत
३. माटे म. श्री., प्राचीन भारतीय कला
४. काणे पा. वा., धर्मशास्त्राचा इतिहास
५. वर्णेकर श्री. भा., भारतीय धर्म व तत्त्वज्ञान
६. कंगले र. पा., प्राचीन भारतीय राजनीती
७. माळी के. एस. आणि एन. सी. झा, प्राचीन भारत का इतिहास
८. शिवकुमार गुप्ता (संपादित), उत्तरी भारत का इतिहास - (६५० - १२००)
९. पाठक अ. श. व जामखेडकर अ. प्र. (संपादित), महाराष्ट्र : इतिहास - प्राचीन कालखंड, भाग-२


 Prof. V.B. Lamb
 Chairman
 BOS in History,
 Dr.B.A.M.University,Aurangabad.

Structure Plan of B.A I,II Year CBCS Home Science Syllabus

Sem.	Paper No.	Name of the Paper	Credit	Theory	Practical hrs/w	External marks	Internal Marks	Total
I & II	I	Introduction to Family resource Management	4	4	-	-	30	30
	II	Basic Nutrition	4	4	-	-	30	30
		Basic Nutrition Practical	2	-	3	20	20	40
	III	Extension Education	4	4	-	-	30	30
	IV	Food & Nutrition	2	-	3	20	20	40
		Food & Nutrition Practical	4	4	-	-	30	30
B.A II nd Year								
III rd & IVth	V	Human Development (School going to Adolescent)	4	4	-	-	30	30
	VI	Fundamentals of Textile & Clothing	4	4	-	-	30	30
		Textile & Clothing Practical	2	-	3	20	20	40
	VII	Human Development Adulthood to Old age	4	4	-	-	30	30
	VIII	Textile & Clothing	4	4	-	-	30	30
		Textile & Clothing Practical	2	-	3	20	20	40

Structure Plan of B.A.T.Y. CBCS Home Science Syllabus

Sem.	Paper No.	Name of the Paper	Credit	Theory	Practical hrs/w	External marks	Internal Marks	Total	
V	Core								
	XIII	Marriage & Family Dynamic	4	4	-	-		30	
	XIV	Housing & Interior Decoration	4	4	-			30	
	Pract.	Housing & Interior Decoration	2	-	3	20	20	40	
	XV	Fundamentals of Food Science & Nutrition	4	4	-	-	-	30	
	SEC	Home Based Catering	4	4	-	-	-	30	
		Home Based Catering Or	2	-	3	20	20	40	
	SEC	Nutrition & Fitness	4	4	-	-	-	30	
	Pract.	Nutrition & Fitness Or	2	-	3	20	20	40	
	SEC	Food Processing & Application	4	4	-	-	-	30	
	Pract.	Food Processing & Application	2	-	3	20	20	40	
	Main								
	XVI	Project	4	4	-	-	-	30	
	XVII	Nutritional Management in Health & Disease	4	4	-	-	-	30	
	Pract.	Nutritional Management in Health & Disease	2	-	3	20	20	40	
DSE	Public Nutrition & Dietetics	4	4	-	-	-	30		
VI	Core								
	XVIII	Family Dynamic	4	4	-	-	-	30	
	XIX	Fundamental of Art & Design	4	4	-	-	-	30	
	Pract.	Fundamental of Art & Design	2	-	3	20	20	40	
	XX	NGO Management & CSR	4	4	-	-	-	30	
	SEC	Diet Therapy	4	4	-	-	-	30	
	Pract.	Diet Therapy Or	2	-	3	20	20	40	
	SEC	Computer Application in Fashion Designing	4	4	-	-	-	30	
VI	Pract.	Computer Application in Fashion Designing Or	2	-	3	20	20	40	
	SEC	Food Equipment & Packaging	4	4	-	-	-	30	
	Pract.	Food Equipment & Packaging	2	-	3	20	20	40	
	Main								
	XXI	Project	4	4	-	-	-	30	
	XXII	Communication Process in Home Science	4	4	-	-	-	30	
	Pract.	Communication Process in Home Science	2	-	3	20	20	40	
DSE	Entrepreneurship Development	4	4	-	-	-	30		
		Total	120	72	33	200	200	500	

SEC – Skill Enhancement Course

DSE – Discipline Specific Elective

DR. BABASAHEB AMBEDKAR MARATHWAD UNIVERSITY, AURANGABAD

Name of the Course	:	B.A. 1 st year Home Science
Semester	:	1 st
Paper No. and Title	:	I-Introduction to Family Resource Management
Total Marks	:	30
Work Load per week	:	4 Periods (50 min/Lect.)

Objectives

- 1) To introduce the Student to the field of Home management.
- 2) To acquire knowledge about the family Resource management.
- 3) To develop the ability to improve their work within less time and fatigue.
- 4) To Understand the ability how to make house hold budget to each income group.

Out Come:-

1. Student can solve the problems to new situation applying acquired knowledge facts techniques.
2. A Compile information together in addition way by canbining elements in a new pattern or proposing alternative solutions.
3. Students can apply knowledge about searing & investments in various areas.

Unit I: Home management and family resource management.	Credit 1.5
a) Introduction, definition, Concept & significance of Home management	(2Hrs)
b) Obstacles in improvement of Home management	(2Hrs)
c) Process of Family Resource Management-Planning Controlling and evaluation.	(9Hrs)
d) Scopes and Significance of F.R.M. classification of family Resources Management	(5 Hrs)
e) Characteristics of family Resources Management	(2 Hrs)
f) Factors affecting family Resources Management	(2 Hrs)
Unit II: Family income and saving and Investment	Credit 1.0
A) Family income	
a) Concept of family income	(2Hrs)
b) Types of income	(4 Hrs)
c) Sources of Family income	(2Hrs)
d) Family Budget-meaning, importance, steps & factors affecting family Budget.	(2Hrs)
B) Saving and investment	
a) Saving-Concept, definition, importance, types, new trends of saving.	(3 Hrs)
b) Investment – concept, types, importance, Guidelines for investment.	(2 Hrs)

Unit III : Factors motivating management	Credit 1.0
a) Values – Meaning of Definition, Sources, Importance	(3 Hrs)
b) Goals – Meaning, Definition & types	(3 Hrs)
c) Standards – Meanings, Definition, Classification Types	(3 Hrs)
d) Decision making – Meaning, importance, types, Steps	(6 Hrs)
Unit IV : Work simplification	Credit 0.5
a) Meaning, Definition & importance	(2 Hrs)
b) Mundel's law of changes	(3 Hrs)
c) Fatigue and avoidance of fatigue	(2 Hrs)

Transactional Mode-

Lecture-cum-Discussion, seminars, Assignments & group Discussions.

Essential Reading

- 1) Tami J. Moore, Sylvia Asay (2017) family Resource, Management, SAGE Publications.
- 2) P. Seetharaman & Sonia Batra, An Introduction to family Resource Management.
- 3) Jayshree Mehta (2014), Text Book of Family Resource management, Publisher, Agrotech.

References / Books Recommended

- 1) Home management in Indian Families, Mann M. K., Kalyani Publisher, Ludhiana.
- 2) Home management, M.A. Varghise, N.N. octe, New age international (P) Limited, Publisher New Delhi
- 3) Home management (A text book of Home Science), Arya Publishir. House, Karol bagh, Delhi.
- 4) Adhunik Ghruyavashtapan, Dr. Vairagade, Pro. Lathkar, Pro. Mulem Vidhya Books Publishers, Aurgangabad.
- 5) Kautumbik Sansadhane Vyavashtapan ani Ghruhsajawat, Triveni Farkade, Sulbha Gonge, Pimpalpure And Company Publisher, Nagpur.
- 6) Ghruyavashtapan – Sumati Kulkade, Madhuri Ratnaparkhi, Geeta Sundresh, Nilkant Books, Pune
- 7) Ghruyavashtapan- Manju Patni
- 8) Kautumbik Sadhan Sanmbhdhiche Vyavashtapan Ani Ghruhsajawat, Dr. Meena Kulkade, Pimpalpure Publisher, Nagpur.
- 9) Ghruyavashtapan Avam Antarik Sajja – Dr. Gokula Bhalerao, Satyam Publishers, Shashtrinagar, Jaipur.
- 10) Pragat Gruhvyavashtapan- Asha Nimkar Sahitya Prakashankendra, Nagpur.

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVESITY, AURANGABAD

Name of the Course	: B.A. I Home Science
Semester	: I
Paper No. & Title	: II Basic Nutrition
Credit	: 04
Total Marks	: 30
Work load per week	: 4 lect. / week

Objectives

Students will acquire knowledge in the following fields

- 1) Role of food and functions of nutrient.
- 2) Different sources and deficiencies of nutrients
- 3) Students can improve the nutritional quality of food and nutrition

Out Come:

1. Student can understand & acquired knowledge about the food & nutrition.
2. Student can plan varies recipes in day to day life.
3. Student can solve the problem of new symptoms of any disease by applying & improving the nutritional quality of food & nutrition.

UnitI, Foods**Credit=1.0**

A-Interrelationship of Foods, Nutrition ,Health &Hygiene

(5 Hrs)

B. Concept & basic definitions of the following

i) Diet, Balanced Diet,Optimal diet, deficient diet,Soft diet, nutrients.RDA

(2 Hrs)

ii) Malnutrition,Under nutrition,Over nutrition, Nutritional status, BMI

(2 Hrs)

iii) Full forms and definitions of the following FSSAI, WHO , ICMR, NIN,CFTRI , FAO , UNICEF,HFSS, Junk Foods

(2Hrs)

C) Functions of Food - physiological, psychological, cultural, social

(2Hrs)

D) Classification of food groups by different Methods

(1Hrs)

E) Food Pyramid.

(1Hrs)**UnitII, Nutrients in Food:****Credit=1.0**

A).Classification of Macronutrients-

- i) Carbohydrates - Classification, Sources, functions, daily Requirements, deficiencies (5 Hrs)
- ii) Proteins- Classification, Sources, functions, daily Requirements, deficiencies (5 Hrs)
- iii) Fats-Classification, Sources, functions, daily Requirements, deficiencies (5Hrs)

UnitIII Micro Nutrients: Credit=1.0

Vitamins and Minerals

A) Classification of Vitamins- (1Hrs)

- i) Fat soluble vitamins-A, D, E, K- (4Hrs)

Functions, sources, daily requirements, deficiency diseases (Toxicity if applicable)

- ii) Water soluble vitamins- B1,B2, B3, B6, B12, Folic acid and Vitamin C-Functions, sources, daily requirements, deficiency diseases (4 Hrs)

B) Minerals

- i) Macro minerals, Calcium and Phosphorus, Sources, functions, daily requirement, deficiency diseases- (3 Hrs)

- ii) Micro minerals-Iron and Iodine, Magnesium, Sources, functions, daily requirement, deficiency diseases (2 Hrs)

UnitIV, Water: Credit=0.5

- i)Importance, Sources ,functions ,daily requirement, deficiency, toxicity (2 Hrs)

- ii) Fiber- Sources, functions, daily requirements (2 Hrs)

- iii) Medicinal properties of food namely-Termeric,Ginger,Fenugreek seeds,Flex seeds(jawas) (3 Hrs)

UnitV Methods of cooking: Credit=0.5

- i) Methods of cooking & its nutritional significance. (2 Hrs)

- ii) Loss of nutrients during food preparation and processing (1 Hrs)

- iii) Conserving and enhancing nutritive value of food (2 Hrs)

- iv) Food preservation methods,(physical and chemical) (2 Hrs)

Transactional Mode-

Lecture-cum-Discussion, seminars, Assignments & group Discussions.

Essential Reading

- 1) S. R. Mudambi, M.V. Rajgopal (2007) Fundamentals of Foods, Nutrition and Diet Theory, New age International Publishers, Ranchi.

- 2) A.K. Obidul Huq (2012) Human Nutrition and Applied Dietetics, Nutrition Information Cell.
- 3) Basic Nutrition (Pdf),2012)
- 4) Alan Tikchenal, Marie Kainoa(2020), Human Nutrition, Publisher University of Hawaii

REFERENCES:

- 1 Mudambi, S.R. and Rajgopal, M.V. (2012), *Fundamentals of Foods and Nutrition* New Age International Pvt. Ltd.
- 2 Food Science 1st Edition (2012) Sheth Publications. Maharashtra State Board of Secondary and Higher Secondary education Pune.
- 3 Roday S. (2012) *Food Science and Nutrition* (2nd Ed.) Oxford University Press.
- 4 Joshi S. (2009) *Nutrition and Dietetics* McGraw Hill Higher Education
- 5 Robinson, and Lawler (1990) *Normal and Therapeutic Nutrition* (17th Edn) Macmillan Pub. Co.
- 6 Guthrie Helen (1986) *Introductory Nutrition*, Mosby College Publishing, Times Mirror
- 7 Wardlaw G.M (1997) *Contemporary Nutrition, Issues and Insights*, 3rd Edition Tata McGrawHill Inc. Boston.
- 8 Guthrie H. A. and Frances M. (1994) *Human Nutrition* William C Brown Pub.
- 9 Poshan and Ahar by sau. Shobha waghmare , vidya books, pimpalapur Prakashan.
- 10 Annashashtra by Indira Khadase, Fadake prakashan Nagpur.

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVESITY,
AURANGABAD**

Name of the Course : B.A. I Home Science
Semester : I
Paper No. & Title : III Practical (Basic Nutrition)
Credit : 04
Total Marks : 20+20=40
Work load per week : 3 lect. / week

Unit I: Weights & Measures of raw and cooked foods **Credit= 0.5 (7Hrs)**

Unit II: Basics of Cookery –Laboratory rules **Credit= 0.5**

- Preparation of kitchen area (4Hrs)
- Kitchen equipment, use & care (4Hrs)

Unit III: Plan & Prepare Recipes for one serving each from high, medium and low income groups for the following nutrients. **Credit= 2.0**

- Energy- high and low (4Hrs)
- Proteins (5Hrs)
- Vitamin C (4Hrs)
- Vitamin A (4Hrs)
- Vitamin- B,B2,B3 (5Hrs)
- Calcium (4Hrs)
- Iron (4Hrs)

Unit IV: Preparation of types of salads (Any Two) **Credit= 1.0**

- Vegetables (5Hrs)
- Fruits (5Hrs)
- Sprouts (5Hrs)

Scheme of Marking for examination Total: 40 Marks

Scheme of Marking for practical exam

Que.No.	Details	Distribution of Marks	Total Marks(100)
1	plan & preparation for nutrient rich recipes for three economic groups	10	10
	Write up –Any four functions & sources of specific nutrient	10	10
3	Sessional activities	10	10
5	Record Book	10	10
	Total		40

22

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVESITY,
AURANGABAD**

Name of the Course : B.A. 1st year
Semester : IInd
Paper no. and title : III Extension Education
Total marks : 30
Work load per week : 4 Period (50 min Lecture)

Objective:

- 1) To understand the meaning, importance and need of home science extension education
- 2) To develop awareness about extension learning.
- 3) To understand the process of communication in development work
- 4) To understand importance of rural society and social problem.

Out Come:-

1. Students can understand meaning importance and need of extension education.
2. To apply the principals of management to the extension education
3. To realize the problems of the community and the scientific intervention.

Unit-I Extension Education

Credit: 1.0

- a) Education - Definition of Education, concept of education, Types of education, difference between Formal and Non Formal education. **(7 Hrs)**
- b) Extension education: Definition on extension education, origin of extension education, scope, objectives, fields, Principles and essential links in the chain of rural development. **(8 Hrs)**

Unit-II Home Science Extension

Credit:0.5

- a) Meaning of Home Science, Philosophy and objectives of home science, scope, and fields of home science, role of home Science Extension in rural and urban areas. **(4 Hrs)**
- b) Role of extension workers, Meaning and role of extension workers in the field of development, essential qualities needed by extension worker. **(3Hrs)**

Unit-III- Extension Methods

Credit: 0.5

- a) Individual methods-Home visit, Personal Letter and telephone Call. **(3Hrs)**
- b) Group Contact Methods-Demonstrations, Field trips, group discussions. **(3Hrs)**

- c) Mass Contact methods-Exhibition, Campaign, Television, Mobile. (Their benefits, limitations and losses) (2 Hrs)

Unit-IV Community Development and Community Organization Credit: 1.0

- a) Community development concept, importance, principles and objective of community development. (7 Hrs)

- b) Community organization concept, Objective and role of government schemas IRDP, ICDS, Role of NGO and role of universities. (8Hrs)

Unit -V Rural Society and Rural Problems Credit: 1.0

- a) Meaning of rural society, importance of rural society, rural society group. (6Hrs)
 b) Rural Problems-Meaning of rural society, Importance of rural problems, over population, poverty, caste (6Hrs)
 c) extension, poor health problems unemployment, sanitation. (3 Hrs)

Sectional Activities: (Any 2)

- 1) Preparation of extension bulletin on any home science fields.
- 2) Preparation and presentation of chart on any home science field..
- 4) Poster presentation on rural problems.

Transactional Mode-

Lecture-cum-Discussion, seminars, Assignments & group Discussions.

Essential Reading

- 1) Serene Shekhar, Santosh Ahlwat(2013), Textbook of Home Science Extension Education, Astral International Pvt. Ltd, New Delhi.
- 2) Sandhya Rani Mohanty(2017), Home Science Extension Education and Rural Development.
- 3) Pramila Varma, Kanti Pandc.(2008), Gruhavidyan Prasar Shiksha Bihar Hindi Granth Academy.

REFERENCE:

- 1)Chandra A. Shah &Joshi U-Fundamentals of Teaching Home Science,sterling Publishing New Delhi.1989
- 2)Supe S.V.: An introduction of extension education: Oxford and IBH Publishing Co.1999.
- 3)Devdas, R. P. Methods of Teaching Home Science: National Council of Educational Research and training, New Delhi,1978
- 4)Singh K,-Rural Sociology Peakashan Kendra, Lucknow_1985
- 5) Rathore O.S. Dhakar, S.D. Chauhan, M.S.Ohia S.V.:Handbook of Extension Education agro tech Publishing Academy, Udaipur,1999
- 6) Reddy A.A.: Extension Education, Shri Laxmi: Press 1971
- 7) Directorate of Extension, Extension Education in Community Development Group of India: 1968
- 8) Devdas R. P Nutrition and National Development Saradalaya Press 1980
- 9) Thimmainah G. (Ed.) – Studies in Rural Dev, Chugh Publishing, 1979
- 10) Ganguli, B. N. (ed.) Social Dev, New Delhi, Sterling Publishers, 1977
- 11) Kapur Pramila: The Changing roles & Status of Women: The Indian Family in the change and challenges of the seventies. Sterling Publisher, New Delhi – 1972
- 12) Pandav G. N. Complete Guide to successful Entrepreneurship

:: 02 ::

Copy forwarded with compliments to:-

- 1] **The Head, all concerned departments,**
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 2] **The Principal, all affiliated collèges,**
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 3] **The Director, University Network & Information Centre, UNIC,**
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- 4] **The Programmer [Computer Unit-1] Examinations,**
- 5] **The Programmer [Computer Unit-2] Examinations,**
- 6] **The In-charge, [E-Suvidha Kendra],**
- 7] **The Public Relation Officer,**
- 8] **The Record Keeper,**
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

-***-

DrK*110722/-

**DR. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
AURANGABAD.**



Curriculum of
B. A. [Political Science]
Semester-I & II

**‘under the Choice Based Credit & Grading System
Pattern’**

**Implemented at College
Level**

[Effective from the Academic Year 2022-23 & Onwards]

Dean
Faculty of Humanities,
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad.

Dr. Babasaheb Ambedkar Marathwada University Aurangabad

Choice-Based Credit System (CBCS) Course Structure

Faculty of Humanities

B.A. First Year Syllabus

Semester Pattern Effective from 2022 - 23 onwards

Subject: Political Science

Sem	Subject/ Program	Course Code	Title of Course	Course Type	Lectures			Marks			Credits		
					Lect/ Per week	Total Lect	Theory	Tu/ Prac/Pro	Total	Teaching	Tu/ Prac/Proj	Total	
I	POL-01	CC-1A	Principles of Political Science	Core Course	04	60	40	10	50	2.5	0.5	03	
		CC-1B	Indian Govt and Politics	Core Course	04	60	40	10	50	2.5	0.5	03	
	Total (Semester-I)					08	120	80	20	100	05	01	06
II	POL-03	CC-2A	Principles of Political Science	Core Course	04	60	40	10	50	2.5	0.5	03	
		CC-2B	Indian Govt and Politics	Core Course	04	60	40	10	50	2.5	0.5	03	
	Total (Semester-II)					08	120	80	20	100	05	01	06
Grand Total (Semester - I & II)					16	240	160	40	200	10	02	12	

Note: The Paper Indian Constitution is compulsory the credits of which are not included in the degree

23.05.2022

Dr. Babasaheb Ambedkar Marathwada University Aurangabad

Choice-Based Credit System (CBCS) Course Structure

Faculty of Humanities

B.A. First Year Syllabus

Semester - I

Semester Pattern Effective from 2022 - 23 onwards

Subject: Political Science

POL-Core Course CC-1A: Principles of Political Science

Marks: 50

Theory: 40

Internal Assessment: 10

Total Hours: 60

Course Objective: To introduce the basics of political Science to the freshers.

Course Content:

Unit - 1. Political Science: Hours 12

1.1 Meaning,

1.2 Nature,

1.3 Scope

Unit - 2. State:

2.1 It's elements & Nature Hours 12

2.2 Theories of origin of state - A. Divine theory. B. Social contract Theory

C. Evolution Theory

Unit - 3. Government Hours 12

3.1 Meaning

3.2 Organs of Government: Legislative, Executive & Judiciary

3.3 Types of Government: Unitary, Federal, Parliamentary and Presidential

Unit - 4. Sovereignty Hours 12


4.1 Meaning, Definition and Types

Unit - 5. Communism - *Human values* Hours 12

5.1 Meaning

5.2 Features of Communism

Note: Internal assessment will be in respect of test/tutorial


23.5.2022

Dr. Babasaheb Ambedkar Marathwada University Aurangabad

Choice-Based Credit System (CBCS) Course Structure
 Faculty of Humanities
 B.A. First Year Syllabus
 Semester - I
 Semester Pattern Effective from 2022 – 23 onwards
 Subject: Political Science
 POL-Core Course CC-1B: Indian Government and Politics

Marks: 50
 Theory: 40
 Internal Assessment: 10
 Total Hours: 60

Course Objective: To impart an understanding of the functioning of the government within the constitutional framework.

Course Content:

Unit – 1. Indian Constitution — *Human values.* 30 Hours

- 1.1 Preamble
- 1.2 Salient Features of Indian Constitution
- 1.3 Fundamental Rights and Duties
- 1.4 Directive Principles of State Policy


Unit – 2. Union Government 15 Hours

- 2.1 President
- 2.2 Vice President
- 2.3 Prime Minister and the Cabinet
- 2.4 Parliament – composition, powers and functions of Lok Sabha & Rajya Sabha

Unit – 3. Judiciary 15 Hours

- 3.1 Supreme Court (Structure, Powers and Functions)
- 3.2 Lok Pal
- 3.3 Public Interest Litigation (PIL)
- 3.4 Judicial Activism

Note: Internal assessment will be in respect of test/tutorial


 23.05.2022

~~6. Government~~

~~6. Government~~

~~6. Government~~

17

SUGGESTED READINGS:

- 1) E. Barker: Principles of Social & Political Theory, Calcutta, Oxford Unl. Press, 1976.
- 2) S. I. Benn: Social Principles & Democratic State, R. S. Peters London, George & Allen, 1959.
- 4) M. Carnoy: The State & Political Theory, Princeton NJ Princeton Unl. Press, 1987.
- 5) D. Held: Models of Democracy, Cambridge, Polity Press, 1987.
- 6) D. Held: Political Theory & Modern State, Cambridge, Polity Press, 1989.
- 7) Laski H. J.: A Grammar of Politics, Allen & Unwin, 1948.
- 8) Macpherson: Democratic Theory, Essays in Retrieval, C.B. Oxford, The Clarendon Press, 1977.
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- 10) S. P. Verma: Modern Political Theory, New Delhi, Vikas, 1983.
- 11) Adl H. Doctor: Issues in Political Theory.
- 12) Appadorai: The substance of politics.
- 13) G. C. Field: Political Theory.
- 14) B. K. Gokhale: Political Science.

BLI
23.05.2022

Dr. Babasaheb Ambedkar Marathwada University Aurangabad

Choice-Based Credit System (CBCS) Course Structure

Faculty of Humanities

B.A. First Year Syllabus

Semester - II

Semester Pattern Effective from 2022 – 23 onwards

Subject: Political Science

POL-Core Course CC-2A: Principles of Political Science

Marks: 50

Theory: 40

Internal Assessment: 10

Total Hours: 60

Unit – 1. Liberty, Equality and Justice	Hours 12
1.1 Meaning	
1.2 Types and Importance	
Unit – 2. Democracy	Hours 12
2.1 Meaning and Features	
2.2 Direct and Indirect Democracy	
2.3 Merits and Demerits of Democracy	
Unit – 3. Nationalism	Hours 12
3.1 Definition	
3.2 Elements of Nationalism	
3.3 Merits and Demerits of Nationalism	
Unit – 4. Liberalism	Hours 12
4.1 Meaning	
4.2 Types of Liberalism	
4.3 Merits and Demerits of Liberalism	
Unit – 5. Feminism	Hours 12
5.1 Definition	
5.2 Characteristics of Feminism	
5.3 Purpose of Feminism	

Note: Internal assessment will be in respect of test/tutorial

BL
23.05.2022

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD.**



Circular / Acad Sec./ UG & PG/Rev. Curri./Col. & Uni.Cam./ 2022.

It is hereby inform to all concerned that, on the recommendation of Dean of Faculty of Humanities, the Hon'ble Vice-Chancellor has accepted the following subject wise Curriculum & Regulations of Choice Based Credit & Grading System under the faculty of Humanities in his emergency powers under Section 12 [7] of the Maharashtra Public University Act, 2016 on behalf of the Academic Council.

Sr. No.	UG/PG Course Curriculum Name	Semesters
01.	B.A., B.Com. & M. A. First Year [Marathi]	Ist & IInd
02.	B. A./B.Com/ B.Sc./BFA/BSW Second Language & Optional First Year [Hindi]	Ist & IInd
03.	B. A. First Year [Urdu]	Ist & IInd
04.	B.A./ B.Com/ B.Sc. Second Language & Optional First Year [Sanskrit]	Ist & IInd
05.	B. A. First & Second Year Progressively and M.A. Second Year [Psychology]	Ist to IVth and IIIrd & IVth
06.	B. A. First Year [Geography]	Ist & IInd
07.	B. A. First Year [Political Science]	Ist & IInd
08.	B. A. First & M.A. Second Year [Sociology]	Ist & IInd and IIIrd & IVth
09.	B. A. First Year [Economics]	Ist & IInd
10.	B. A. First Year [Public Administration]	Ist & IInd
11.	B. A. First & M.A. Second Year [Thoughts of Mahatma Phule and Dr. Babasaheb Ambedkar]	Ist & IInd and IIIrd & IVth
12.	B.A. First Year Optional [Military Science]	Ist & IInd
13.	B.A./ B.Sc. Second Language & Optional First Year [Arabic]	Ist & IInd
14.	B.A. First Year Optional [Islamic Studies]	Ist & IInd

This is effective from the Academic Year 2022-23 and Onwards progressively as appended herewith.

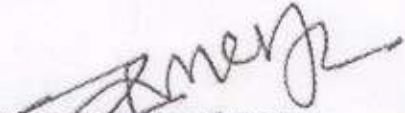
All concerned are requested to note the contents of this circular and bring notice to the students, teachers and staff for their information and necessary action.

University campus,
Aurangabad-431 004.

Ref. No. SU/Col. & UC/UG & PG/
2022/ 3355-65

Date: 11.07.2022.




**Deputy Registrar,
Academic.**

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-***-

DrK*110722/-



DR. BABSABHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD



Curriculum under Choice Based Credit & Grading System

B.A. I,II & III Year

Sociology

SEMESTER- I to VI



Academic Year 2022-2023

Onwards



PREFACE

This under Graduate syllabus is the product of a six meetings of Board of Studies in Sociology conducted for restructuring the undergraduate programme in Sociology. The Board of Study has prepared material for Discipline specific core, Skill enhancement course and Discipline specific electives in the belief that in future the Dr. Babasaheb Ambedkar Marathwada University might introduce Main Programme in Sociology in the Colleges affiliated to Dr. BAM University. The valuable opinions of veteran Scholars and teachers have been incorporated in to the new syllabus.

The main objective of the syllabi reconstruction and the study materials prescribed here are aimed to introduce the basic concepts and mainly covers the study of some of its specialized fields namely Transformation in Social Institution, Indian Society, Social research methods, Cinematic Sociology, NGO and Social Development, Classical sociological traditions, Gender & society, Indian Sociological tradition Sociology of work, Sociology of Human Resource Development etc. Moreover, it also aims to impart basic skills in the application of sociology to the beginners. It is also designed to open the window for the beginners by giving an analytical understanding of human society with human concern and Sociological perspective.

As per the guidelines of the Dr. Babasaheb Ambedkar Marathwada University, the course structure and syllabi are divided into three parts. Discipline specific core 6 papers with 18 credits, Skill enhancement course 4 papers with 12 credits and Discipline specific electives 2 papers with 6 credits.

The prime objective of the syllabi is to endow the students with a rational, an all inclusive and democratic outlook to build on the foundation of universal brotherhood and human values.

Sd/-

Professor Dilip Khairnar

Chairman, Board of Studies in Sociology

Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad.

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

B.A. Programme Semester Pattern

Under CBCS

Subject : Sociology

Sr. No.	Course Code	Semester	Paper No.	Name of Courses
DISCIPLINE SPECIFIC CORE				
1	CC-1A	I	1	Introduction to Sociology
2	CC-1B	I	2	Indian Social Institution
3	CC-1C	II	3	Basic concepts in Sociology
4	CC-2C	II	4	Transformation in Social Institution
5	CC-1E	III	5	Indian Society
	CC-1F	IV	7	Indian Society: Issues & Concerns
SKILL ENHANCEMENT COURSE				
1	SEC-1A	III	6	Cinematic Sociology
2	SEC-1B	IV	8	Sociology of Mass Media
3	SEC-1C	V	10	Social Research Methods
4	SEC-1D	VI	12	NGO and Social Development
DISCIPLINE SPECIFIC ELECTIVES				
1	DSE-1/A1	V	9	Classical Sociological traditions
2	A2	V	9	Gender & Society
3	A3	V	9	Population and Society
4	DSE-1/B1	VI	11	Indian Sociological Traditions
5	B2	VI	11	Sociology of work
6	B3	VI	11	Sociology of Human Resource Development

COURSE INSTRUCTION

COURSE: B.A. PROGRAMME IN SOCIOLOGY

Students pursuing B.A. Programme will require to taking courses as below:

Sr. No.	Name of Course
1	Discipline Specific Core (DSC)
2	Discipline Specific Elective (DSE)
3	Generic Elective (GE)
4	Skill Enhancement Course (SEC)

Semester wise courses, Credits and Marks

Sem	Subj./ Prog.	Course Code	Course Title	Course Type	Lectures		Marks			Credit		
					Per week	Total lectures	Theory	Tutorial	Total	Teaching	Tutorials	Total
1	DSC-1	CC-1A	Introduction to Sociology	Core Course	4	60	40	10	50	2.5	.5	3
		CC-1B	Indian Social Institution	Core Course	4	60	40	10	50	2.5	.5	3
2	DSC-1	CC-1C	Basic concepts in Sociology	Core Course	4	60	40	10	50	2.5	.5	3
		CC-2C	Transformation in Social Institution	Core Course	4	60	40	10	50	2.5	.5	3
3	DSC-1	CC-1E	Indian Society	Core Course	4	60	40	10	50	2.5	.5	3
	DSC-1	SEC-1A	Cinematic Sociology	Skill Enhancement Course	4	60	40	10	50	2.5	.5	3
4	DSC-1	CC-1F	Indian Society: Issues & Concerns	Core Course	4	60	40	10	50	2.5	.5	3
		SEC-1B	Sociology of Mass Media	Skill Enhancement Course	4	60	40	10	50	2.5	.5	3
5	DSE-1	DSE-1 A1/A2/A3	Classical Sociological Traditions	Discipline Specific Elective	4	60	40	10	50	2.5	.5	3
			Gender & Society									
			Population & Society									
		SEC-1C	Social Research Methods	Skill Enhancement Course	4	60	40	10	50	2.5	.5	3
6	DSC-1	DSE-1 B1/B2/B3	Indian Sociological Tradition	Discipline Specific Elective	4	60	40	10	50	2.5	.5	3
			Sociology of work									
			Sociology of Human Resource Development									
		SEC-1D	NGO and Social Development	Skill Enhancement Course	4	60	40	10	50	2.5	.5	3

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

B. A. First Year

Semester Pattern-2022-23

(CBCS)

Sociology - Semester- Ist Paper- I
Introduction to Sociology (CC-1A)

Course Objectives:

1. To understand the social context of emergence of Sociology.
2. To familiarize students with new avenues in Sociology
3. To introduce basic concepts in Sociology.

Course Outcomes:

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

Unit I. Emergence of Sociology-

- Definitions, Nature and subject matter of Sociology.
- Sociological Imagination
- Diverse fields and career opportunities in Sociology.

Unit II. Basic Concepts in Sociology

- Social Structure &
- Social System
- Groups

Unit III. Culture, Inequality and Social Exclusion

Gender, Human values.

- Culture
- Social Exclusion
- Social Inequality

Reference:

- 1) Kingslay, Devis.1949.Human Society, Macmillan Publication, New York.
- 2) Harry, Johnson.1960.Sociology:A Systematic Introduction, Harcourt brace and company, New York.
- 3) Ritzer, George, 2000. Classical Sociological theory, McGraw hill, New York.
- 4) Schaefer Richard, T. 2006. Sociology: A brief Introduction, six edition tata McGraw hill. New Delhi.
- 5) Schaefer and lamm .1998. Sociology, McGraw Hill, New Delhi.
- 6) Julia Jary and David Jary. 2005. Dictionary of sociology, Collin Publisher, London
- 7) Anthony, Giddens.1982.Introduction to sociology, Harcourt Brace and Company, New York.
- 8) Mohan and Martindel.1983. Contemporary Developments in World Sociology, green wood press, London and England
- 9) Atal, Yogesh. 2004. Indian sociology: from where to where, Rawat publication, New Delhi.
- 10) Vidyabushan, Sachdeva. 1996. Introduction to sociology, Kitabmahal, Allahabad.
- 11) Khairnar D(lip(2009)Introduction to sociology (In Marathi),Diamond Publication, Pune.

9

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
B. A. First Year Semester Pattern
(CBCS)
Sociology - Semester- Ist Paper-II
Indian Social Institutions (CC-1B)

Unit-I Social Institution

- Meaning and definition of Social Institution
- Characteristics of social institution
- Functions of Social Institution

Unit-II Marriage Institution

Gender

- Marriage : Meaning and Aims
- Hindu Marriage : As a Sacrament
- Muslim Marriage : Aims and as a Contract

Unit-III Family Institution

Human values

- Family : Meaning and Characteristics
- Types of Family : Joint and Nuclear
- Forms of Family : Patriarchal and Matriarchal

References :

1. Berger, P. L. 1966. Invitation to Sociology. Great Britain: Penguin Books.
2. Bilton, T. et al. 2002. Introductory Sociology. New York: Palgrave.
3. Highmore, B. 2002. The Everyday Life Reader. London: Routledge.
4. Scott, S. 2009. Making Sense of Everyday Life. Cambridge: Polity Press. 2. Thinking Sociologically
5. Beteille, A. 2009. Sociology: Essays in Approach and Method. Delhi: Oxford University Press.
6. Bauman, Z. and May, T. 2001. Thinking Sociologically. Malden, USA: Wiley-Blackwell.
7. Mills, C.W. 1959. Sociological Imagination. New York: Oxford University Press. 3. Theorising the Everyday
8. Certeau, M.D. 1988. The Practice of Everyday Life. Berkeley: University of California Press.
9. Lefebvre, H. 1991. Critique of Everyday Life Vol: 1. London:
10. Verso Ludtke, A. 1995. The History of Everyday Life: Reconstructing Historical Experiences and Ways of Life. New Jersey: Princeton University Press
11. Bourdieu, P. and Wacquant, L. 1992. An Invitation to Reflexive Sociology. Cambridge: Polity Press. 4.
12. Riessman, C. K. 2002. 'Analysis of personal narratives', in J. F. Gubrium and J.A. Holstein (eds.) Handbook of Interview Research. London: Sage.
13. Callaway, H. 1992. 'Ethnography and Experience: Gender Implication in Fieldwork and Texts', in J. Okely and H. Callaway (eds.) Anthropology and Autobiography. London: Routledge.
14. Bailey F. G. : Tribes, Caste & Nation Encyclopedia of Social Science
15. Shrinivas M. N., Religion & Society Among the Coorgs of South India

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

**B. A. First Year Semester Pattern
(CBCS)**

**Sociology - Semester- IInd Paper- III
Basic Concepts in Sociology (CC-1C)**

- Objectives:**
1. To introduce the basic Concept in Sociology.
 2. To Familiarize Students with the theoretical aspect of different Concepts.
 3. To give an outline of Sociological Background.

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

Unit- I Society

- a) Definition and Meaning of Society
- b) Types of Society
- c) Community: (Meaning, characteristics and Types)

Unit - II Social Process

- a) Social Process: Meaning
- b) Integrative Social Process: Co-Operation, Accommodation and *Professional Ethics*.
Assimilation
- c) Disintegration social process: Competition and Conflict

Unit- III Social Change — — *Human values*.

- a) Social Change: Meaning
- b) Nature of Social Change
- b) Factors Responsible to Social Change: Ideology, Demographic, Science and Technology, Socio-Cultural and Education, Social Media.

Reference:

- 1) Haralambos, M with R M Heald, 2009, Sociology Themes and Perspectives, Oxford University Press, New Delhi.
- 2) Bierstealt, Robert 1974. The Social order, McGraw Hill. Boston
- 3) Ritzer, 2004. The Modernization of Society. Pine Forge Press.
- 4) Brown, Raddirre, A.R. 1976, Structure and Function in Primitive Society, R K P, London.
- 5) Gisbert, p. 2004 fundamentals of sociology, orients Longman private ltd, Kolkata.
- 6) Welfer, Mare, 1976. Basic Concept in Sociology, Citadel Publisher. New York.
- 7) Tilly, Charles. 2008. Explaining Social Processes, Paradigm, Publishers. New York.
- 8) Srtompka, Piotr, 1993. The Sociology of Social Change. Wiley Publisher. California.
- 9) Khairnar Dilip (2013) Basic Concepts in Sociology, Educational Publication Aurangabad.

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

B. A. First Year

Semester Pattern-2022-23

(CBCS)

Sociology - Semester- IInd Paper- IV

Transformation in Social Institution (CC-2C)

Course Objectives:

1. To acquaint students with basic institutions of Society with its newer dimensions.
2. To develop critical understanding of the functioning of social institutions.
3. To acquaint students with the concept and current versions of social change.

Course Outcomes:

1. Students have understood the transformation in social institution.
2. An acquaintance with changes in Institutions.
3. Institutions changes guide them in their future planning.

Course Outline:

Unit- I Marriage Institution - Gender

- Recent changes in Marriage Institution: Contract Marriage, Live in relationship, Gay- Lesbian marriages.
- Relevance of widow remarriage
- Issues of Marriage Institution- Changes in wedding rituals, Increasing age of marriage.

Unit- II Family Institutions: - Human values

- New forms of Family - Single parent family, Blended family (Step family), Childless family
- New reproductive technology and family- Test tube baby, Surrogate mother
- Disintegration of family - meaning and causes

Unit- III Economical Institution: - Professional ethics

- Changes in Agriculture economy- Contract farming, Agro -based business, Sustainable Development.
- Changes in Planning commission - NITI Aayog
- Mixed Economy, Neo liberal Economy

Reference:

1. Ahuja, Ram. (2007) Indian social system, New Delhi: Rawat publication.
2. Bose, N.K. (1977) Culture and Society in India, New Delhi: Indira publication House.
3. Sing, Y.(1974) Modernization of Indian Tradition, New Delhi: Thomas press.
4. Deshpande, S. (2006). Contemporary India sociological perspectives. Delhi. Penguin publication.
5. Dube S. C.(2005)Indian Society. National Book Trust.Mumbai.
6. Harry Barnes. (1946) Social Institutions, Prentice-Hall.America.
7. Patricia Uberoi.(1993)Family, Kinship and Marriage in India:Delhi ; New York : Oxford University Press.
8. Kapadia, K. M.(1966) Marriage and family in India:Mumbai,Oxford University Press.
9. Singh Ramesh.(2020-21) Indian Economy. Mac Grow hill education.
10. भोईटे उ. बा. (1993) सामाजिक संस्था, नागपुर, पिंपळापुरे अँड कंपनी.
11. करवा, जे. पी. (1993). सामाजिक संस्था आणि परिवर्तन, औरंगाबाद, विद्या बुक्स.
12. गायकवाड, एम. पी (संपा). (2014). मुख्य सामाजिक संस्था आणि समस्या लातूर अरुणा प्रकाशन.

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
B. A. Second Year Semester Pattern
(CBCS)
Sociology - Semester- IIIrd Paper- V

Indian Society(CC-1E)

Course Objectives:

1. To draw attention to the variety of ideas and debates about India.
2. To introduced mobilization and change in Indian Society.
3. To provides comprehensive understanding of Indian Society.

Course Outcomes:

1. They are made familiar with the Indian Society
2. Its linkages and continuity with past and present.
3. This paper provides comprehensive understanding of Indian Society.

Course Outline:

Unit I. Ideas of India

- Mahatma Gandhi – Nation Building, Hind Swaraj
- Jawaharlal Nehru – State Building, Planning Development
- Dr. Babasaheb Ambedkar – Social Reconstruction, Critique on Caste

Unit II. Mobilization and Change

- Middle Class Phenomena – Rise of Middle Class in Maharashtra
- Mobility and Change among the Schedule Caste
- Women's Participation in various field

Unit III. Challenges to Indian Society

- Religious Fundamentalism, Communalism
- Problems of Nationalism
- Caste Atrocities against Women

References:

1. Ambedkar, B.R. (1936) *Annihilation of Caste*, Jullunder: BheemPatrika.
2. Jaffereot, C. (2005) *Dr. Ambedkar and Untouchability: Analysing and Fighting Caste*. New Delhi: Permanent Black.
3. Dumont, L. and D. Peacock, (1957) *For a Sociology of India*, Contributions to Indian Sociology.
4. Shah, G. (2001) *Dalit Identity and Politics*, New Delhi: Sage Publications.
5. Shah, A.M., (1973) *The Household Dimension of the Family in India: A Field Study in a Gujarat Village and a Review of Other Studies*, Delhi: Orient Longman.
6. Uberoi, P. (ed.), (1993) *Family, Kinship and Marriage in India*, New Delhi: Oxford University Press.
7. Y. Singh, (1986) *Modernisation of Indian Tradition*, Jaipur: Rawat Publications
8. Ram Ahuja, (1993) *Indian Social System*, Rawat Publications
9. Sharma, K.L. (2008) *Indian Social Structure and Change*, Rawat Publication
10. Srinivas, M.N. (1980) *India: Social Structure*. New Delhi: Hindustan Publishing Corporation
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19. Chatterjee, Partha (ed.), (1999) *State and Politics in India*. New Delhi: Oxford University Press.
20. Gopal, S. (1984) *Jawaharlal Nehru*, 3 vols. Cambridge, Massachusetts: Harvard University Press.
21. Gopal, S., and Uma Iyengar (eds.). (2003). *The Essential Writings of Jawaharlal Nehru*, 2 vols. Delhi: OUP. 6.
22. B. R. Ambedkar (Week 13-14) Ambedkar, B. R. (2015) *Annihilation of Caste: The Annotated Critical Edition*. Delhi: Navayana Publication.
23. Eleanor, Zelliot. (2013) *Ambedkar's World: The Making of Babasaheb and the Dalit Movement*. Delhi: Navayana Publishing.
24. Kumar, Aishwari. (2015) *Radical Equality: Ambedkar, Gandhi and the Role of Democracy*. Stanford, Calif: Stanford University Press.

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
B. A. Second Year Semester Pattern
(CBCS)
Sociology - Semester- III Paper- VI
Cinematic Sociology (SEC-1A)

Course Objectives

1. To introduce the students to certain major themes of outlining the interconnections between Cinema and society.
2. To familiarize students with important theories in the Cinematic Sociology.

Course Outcome:

1. Students are introduced the key ideas within a theory. They understand the importance of Cinema's impact on Society.
2. Students will investigate question through a filmic analysis of sociological issues. will consider both narrative and documentary films and use them to engage in a sociological exploration of identity, interaction, inequality and institutions.
3. Students explore the familiar path of cinema to connect to larger theoretical grounds.

Unit I. Cinematic Sociology

- Definition
- Scope and subject matter
- Reading a film Sociologically

Unit II. Marxism

- Class Consciousness
Class identity and cultural values, Class conflict
(Roti kapda aur Makan, Namak haram, Class Struggle)
- Labour theory of value
(Roti, Mazdoor, Pinjara)
- Socialism:
Marxist Concept of Socialism, Ideal and reality,
(Strike, The second Mother, Joker)

Unit III. Feminism

- Gender as a social category & crisis
(Dangal, Wonder women, Thappad)
- Gender and Agency
(Little Miss Sunshine, Wonder Woman, Queen)
- Trans gendering
(Arddhnaari, Laxmi, Sadak)

References:

1. Cinematic Sociology, Sutherland, Sage Publication, Edition 2, Published 2013
2. Peter worseley key sociologists series Editor: Peter Hamilton Marx and Marxism, McBurney D.H. (2002)
3. 8. Giddens, A. 1971. Capitalism and Modern Social Theory: An Analysis of the Writings of Marx,
4. Durkheim and Max Weber. Cambridge: Cambridge University Press.
5. 9. Aron, Raymond (1967), Main Currents in Sociological Thought, Vol.1 and 2, Penguin, Chapters on
6. Marx, Durkheim and Weber.
7. 10. Coser, Lewis. A. (1979) Masters of Sociological Thought: Ideas in Historical & Social Context, Harcourt Brance Jovanovidi, New York.

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
B. A. Second Year Semester Pattern
(CBCS)
Sociology - Semester- IInd Paper- VII
Indian Society: Issues and Concerns (CC-1F)

Objectives:

1. Identify and analyze some emerging social issues and problems
2. To acquire sociological understanding focusing on their structural linkages and interrelationships

Course Outcomes

1. The course content will empower the students to deal with the current challenges and to serve as change agents in governmental and nongovernmental organizations
-

Content:

Unit- I Introduction

- Meaning of Social Problem
- Approaches to the Study of Social Problems (Functionalist, Conflict & symbolic)
- Theories of Deviance

Unit-II Indian Social Problems

- Crime: Meaning, Nature, Causes, Types, effects and Measures
- Juvenile Delinquency: Meaning, Nature, Characteristics, Causes, Types and Effects
- Child Labor: Nature, Causes, Effects and Measures

Unit -III Current Challenges

- Problem of Unemployment
- Problem of Alcoholism and Drug Abuse
- Problem of Communalism and Terrorism

(Student presentations and field visits, Students must be encouraged to make on the spot observations or field visits of the problems whenever and wherever they find the recurrence of these problems.)

References:

1. Ahuja, Ram(1997): Social problems in India. Jaipur: Rawat.,
2. Madan, G.R.(1995): Indian social problems (Vols. I and II). New Delhi: Allied Publishers.
3. Mamoria, C.B.(1999): Social problems and social disorganization. New Delhi: Kitab Mahal.
4. Merton, R.K. and R. Nisbet (ed)(1971): Contemporary social problems (3rd edition). New York: Harcourt Brace Jovanovich.
5. Thomas, G.(1994): AIDS in India: Myth and reality. Jaipur: Rawat.
6. Gokhale, S. D. et al(1999): Aging in India. Mumbai. Somaiya Publications Pvt. Ltd.
7. Pai Panandikar and P. N. Chaudhari (1983): Demographic transition in Goa and policy implications. New Delhi: Uppal Publishing House.
8. Khairnar Dilip (2004) Social problems in modern India. Chinmay Publication. Aurangabad.

28

Curriculum for Semester I (w.e.f. Academic Year 2022-23)

B. Sc. I Year (Theory) Semester - I

BOT 111 Paper I (Diversity of Cryptogams - I)

Lectures – 45

Total Credits – 2

Unit - 1 **Credit – 0.4**

- 1.1 Viruses: General characters, classification based on host, economic importance, TMV – structure and multiplication (03)
- 1.2 Mycoplasma: General characters (Little leaf of Brinjal) (01)
- 1.3 Bacteria: General characters, ultra-structure, classification based on shape, reproduction, economic importance, Citrus Canker. (05)
- 1.4 Cryptogams: General characters, classification according to G.M. Smith up to class level (01)

Unit – 2 **Credit – 0.7**

- 2.1 General characters, classification according to F.E. Fritsch (1935) up to the class level, and economic importance of Algae (02)
- 2.2 Systematic position, occurrence, structure, reproduction (excluding development of sex organs) and graphic life cycle with respect to following types:
- a) Cyanophyceae – *Nostoc* (02)
 - b) Chlorophyceae – *Chara* (03)
 - c) Xanthophyceae – *Vaucharia* (02)
 - d) Phaeophyceae – *Sargassum* (03)
 - e) Rhodophyceae – *Batrachospermum* (03)

Unit – 3 **Credit -0.7**

- 3.1 General characters, classification according to Alexopoulos and Mims (1979) up to the class level, Economic importance of Fungi. (04)
- 3.2 Systematic position, occurrence, structure, reproduction and graphic life cycle with respect to the following types:
- a) Oomycetes – *Albugo* (02)
 - b) Zygomycetes – *Mucor* (02)
 - c) Ascomycetes – *Eurotium* (02)
 - d) Basidiomycetes – *Agaricus* (03)
 - e) Deuteromycetes – *Cercospora* (02)
- 3.3 Lichen: Types of Lichens, *Usnea*, Economic Importance of Lichens. (03)

Unit – 4 **Credit -0.2**

Continuous Internal Assessment (CIA): Tutorials and Assignments (5)

Note: Internal assessment lectures should be used to assess student's credibility and knowledge of the above topics. Conduct two internal tests of five marks and average it for 5 marks and Assessment or Tutorials for 5 marks. In assessment you are free to use different assessment methods.

29

B. Sc. I Year (Theory) Semester - I
BOT 112 Paper - II (Morphology of Angiosperms)

Lectures – 45

Total Credits - 2

Unit – 1	Credits:01
1.1- Basic body plan of flowering plant, modular type of growth, diversity of plant forms - Herbs, Shrubs, Trees, Climbers; annuals, biennials and perennials.	(04)
1.2 Morphology of vegetative organs:	
a) Root: Characteristics, functions, regions of root, types – tap roots and adventitious roots, modification of root for storage, mechanical support and vital functions.	(05)
b) Stem: Characteristics, functions, modification – underground, sub-aerial and aerial	(05)
c) Leaf: Parts of typical leaf, phyllotaxy, types (simple and compound), diversity in shape and size, venation and modifications of leaf.	(09)
Unit – 2	Credits: 01
Morphology of reproductive organs:	
2.1 Inflorescence: Racemose, Cymose and special types	(05)
2.2 Flower: Definition, Parts of typical flower, structure, function and modification of calyx, corolla, androecium, gynoecium, aestivation and placentation	(12)
2.3 Fruit: Types of fruits	(03)
2.4 Fruit and Seed dispersal strategies.	(02)
Unit – 3	

Continuous Internal Assessment (CIA): Tutorials and Assignments (5)

Note: Internal assessment lectures should be used to assess student's credibility and knowledge of the above topics. Conduct two internal tests of five marks and average it for 5 marks and Assessment or Tutorials for 5 marks. In assessment you are free to use different assessment methods.

30

B. Sc. I Year (Practical) Semester - I
Lab Course I : BOT 121
(Practical Based on Theory Papers – BOT-111 & BOT- 112)

Lectures – 45

Credits – 1.5

Practical through temporary mounting, permanent slides, charts, models, microphotographs, and audiovisual aids

1. Electron micrographs/Models of viruses – TMV, Mycoplasma and Types of Bacteria
2. Algae: *Nostoc*, *Chara*
3. Algae: *Vaucharia*, *Batrachospermum*
4. Algae: *Sargassum*
5. Fungi: *Albugo*, *Mucor*,
6. Fungi: *Eurotium*, *Agaricus*
7. Fungi: *Cercospora* and
8. Lichens – *Usnea*
9. Study of root and Stem with its modifications
10. Study of leaf and its diversity and modification
11. Study of flower (*Hibiscus* and *Datura*) and inflorescence
12. Forms and Aestivation of corolla,
13. Structure of stamen- adhesion and cohesion, Structure of carpel and placentation
14. Study of fruits and seeds
15. Internal Assessment

Continuous Internal Assessment (CIA): 07 marks for internal practical examination and 03 marks for Record Book / Submission of collection and field survey report / excursion report.

Note for Lab course: Candidate shall submit the following at the time of exam.

1. Certified laboratory course record book.
2. Field note book / Submission of collection and field survey report / excursion /Tour report.
3. Collection of specimens from algae, fungi, leaves, stem, root, flowers, fruits and seeds.

In addition to number of practical prescribed above, the students are required to undertake field excursions to the places of botanical interest and industrial places under the guidance of teacher. There shall be frequent study tours in local areas. T.A. and D.A. be paid to the teachers, peons and field collectors as per university rules. The record book is to be signed periodically by teacher in charge and certified by the Head of Department at the end of the term. Candidate should not be allowed to appear for practical examination without a certified record book or a certificate from the Head of Department.

34

Curriculum for Semester II (w.e.f. Academic Year 2022-23)

**B. Sc. I Year (Theory), Semester-II
BOT 211 Paper - III (Diversity of Cryptogams - II)**

Lectures – 45

Total Credits - 2

Unit- 1	Credit -0.8
I. Bryophytes:	
1.1 General characters of bryophytes, classification as per G. M. Smith	(02)
1.2 Systematic position, structure, reproduction (excluding developmental stages) and alternation of generation of the following types:	
a) <i>Marchantia</i>	(05)
b) <i>Anthoceros</i>	(04)
c) <i>Funaria</i>	(04)
1.3 Economic Importance of Bryophytes	(02)
Unit 2	Credits -1.2
2. Pteridophytes:	
2.1 General characters of Pteridophytes, classification as per G. M. Smith	(03)
2.2 Systematic position, structure and reproduction (excluding developmental stages) and alternation of generations of the following types:	
a) Fossil Type- <i>Rhynia</i>	(02)
b) Psilopsida – <i>Psilotum</i>	(02)
c) Lycopsida – <i>Lycopodium, Selaginella</i>	(10)
d) Sphenopsida – <i>Equisetum</i>	(04)
e) Pteropsida – <i>Marsilea</i>	(05)
2.3 Stellar Evolution in Pteridophyta	(02)
Unit – 3	
Continuous Internal Assessment (CIA): Tutorials and Assignments	(05)
Note: Internal assessment lectures should be used to assess student's credibility and knowledge of the above topics. Conduct two internal tests of five marks and average it for 5 marks and Assessment/Tutorials for 5 marks. In assessment you are free to use different assessment methods.	

35

B. Sc. I Year (Theory), Semester – II
BOT 212 Paper - IV (Histology, Anatomy and Embryology)

Lectures – 45

Total Credits - 2

Unit – 1 Credit – 0.7

Histology:

- 1.1 Types of tissue:
 - a) Meristematic tissue – Meristem, structure and types based on origin and position. (03)
 - b) Permanent tissues: Simple, Complex and Secretary (05)
 - c) Epidermal tissues: Types with examples Trichomes and Stomata (04)
- 1.2 Histological organization of root and shoot apices (03)
- 1.3 Various theories of cellular organization (03)

Unit – 2 Credit -0.7

Anatomy:

- a) Primary structure of root, stem and leaf of Monocot (Maize) and Dicot (Sunflower) (06)
- b) Secondary growth in root and stem of Dicot (Sunflower) (03)
- c) Anomalous secondary growth in *Dracaena* (01)
- c) Wood anatomy: Growth rings, heart wood and sap wood (02)
- d) Periderm: Origin, structure and functions. (02)

Unit – 3 Credit -0.6

Embryology:

- a) Structure of anther, microsporogenesis and development of male gametophyte (02)
- b) Structure and types of ovule, megasporogenesis and development of female gametophyte (*Polygonum* type). (03)
- c) Pollination -Mechanism, types and agencies. (02)
- d) Double fertilization and its significance (01)
- e) Development of Dicot embryo (Crucifer type). (01)
- f) Structure, development and types of endosperm. (02)
- g) Structure of Dicot and Monocot seed types of seed germination (02)

Unit – 4 (05)

Continuous Internal Assessment (CIA): Tutorials and Assignments

Note: Internal assessment lectures should be used to assess student's credibility and knowledge of the above topics. Conduct two internal tests of five marks and average it for 5 marks and Assessment/Tutorials for 5 marks. In assessment you are free to use different assessment methods.

B. Sc. I Year (Practical), Semester - II

Lab Course II, BOT 221

(Based on BOT 211 & 212, Theory Papers – III and IV)

Lectures – 45

Credits – 1.5

Practical through temporary mounting, permanent slides, charts, models, photographs, and audiovisual aids

1. Bryophyte: *Marchantia*
2. Bryophyte: *Anthoceros*
3. Bryophyte: *Funaria*
4. Rhynia image study
5. Pteridophyte: *Psilotum*, *Lycopodium*
6. Pteridophyte: *Selaginella*
7. Pteridophyte: *Equisetum*
8. Pteridophyte: *Marsilea*
9. **Internal Assessment**
10. Simple and Complex permanent tissue
11. Secretory and Epidermal tissues (Trichomes and Stomata)
12. Double stained permanent slide preparation of Dicot (Sunflower) and Monocot (Maize) root
13. Double stained permanent slide preparation of Dicot (Sunflower), Monocot (Maize) stem
14. Double stained permanent slide preparation of *Drucaena* stem
15. Double stained permanent slide preparation of Dicot (Sunflower) & Monocot (Maize) leaf
16. Anatomy of anther, Ovule and seed
17. **Internal Assessment**

Continuous Internal Assessment (CIA): 07 marks for internal practical examination and 03 marks for Record Book / Submission of collection and field survey report / excursion report.

Note for Lab course: Candidate shall submit the following at the time of exam.

1. Certified laboratory course record book.
2. Field note book, excursion report / Tour report submission.
3. Collection of specimens from Bryophyte and Pteridophyte.

In addition to number of practical prescribed above, the students are required to undertake field excursions to the places of botanical interest and industrial places under the guidance of teacher. There shall be frequent study tours in local areas. T.A. and D.A. be paid to the teachers, peons and field collectors as per university rules. The record book is to be signed periodically by teacher in charge and certified by the Head of Department at the end of the term. Candidate should not be allowed to appear for practical examination without a certified record book or a certificate from the Head of Department.

CHE – 111
(Inorganic Chemistry)
(Theory Credits: 02, Lectures-45)

Unit I: Atomic Structure and Periodicity of Elements (13 Lecturers)

- Bohr's theory and its limitations. Idea of de-Broglie matter waves.
Heisenberg uncertainty principle. Quantum numbers and its types.
Significance of quantum numbers. Shapes of s, p and d atomic orbitals, nodal planes.
Rules for filling electrons rules in various orbitals: i) Aufbau's principle
ii) Hund's rule of maximum multiplicity iii) Pauli's exclusion principle
Electronic configuration of elements from Hydrogen to Zinc.
Stability of empty, half-filled and completely filled orbitals
Definition and trends in Periodic table of the following properties:
i) Atomic radii and ionic radii ii) Ionization energy iii) Electron affinity
iv) Electronegativity
Factors affecting ionization energy.
Pauling's and Mullikan's scale of electronegativity.

Unit II: Chemical Bonding and Molecular structure (I) Ionic Bonding (10 Lectures)

- Definition and general characteristics of ionic bonding. Factors affecting on an Ionic bond formation. Lattice energy, solvation energy and their importance.
Born Lande equation (no derivation) to calculate lattice energy. Born-Haber cycle for NaCl and its applications
Fajan's Rule, Applications of Fajan's rule for,
- Polarizing power and polarizability
 - Ionic character in covalent compounds
 - Dipole moment and percentage ionic character

Unit III: Chemical Bonding and Molecular structure (II) covalent Bonding
(12 Lectures)

Concept of hybridization, different types of hybridization and geometry of following molecules on the basis of Valence bond theory.

- Linear geometry- BeCl_2 (sp hybridization)
- Planer trigonal geometry- BF_3 (sp^2 hybridization)
- Tetrahedral geometry- SiCl_4 (sp^3 hybridization)
- Trigonal bipyramidal geometry- PCl_5 (sp^3d hybridization)
- Octahedral geometry- SF_6 (sp^3d^2 hybridization)
- Pentagonal bipyramidal geometry - IF_7 (sp^3d^3 hybridization)

VSEPR theory: Assumptions of theory. Explain the geometry of following irregular molecules on the basis of VSEPER theory.

- Linear geometry- XeF_2 (sp^3d hybridization)
- T-shaped geometry- ClF_3 (sp^3d hybridization)
- Irregular tetrahedral geometry- SF_4 (sp^3d^2 hybridization)
- Square pyramidal geometry- IF_5 (sp^3d^2 hybridization)

Unit IV: Chemical Bonding and Molecular structure (III) Molecular orbital theory (MOT)
(10 Lectures)

Rules for the LCAO method. Formation of bonding, antibonding and nonbonding molecular orbitals. Types of overlaps – s-s, s-p and p-p combinations of atomic orbitals. Energy level sequence for molecular orbital when $n=1&2$. MO diagrams for homonuclear diatomic molecule of I & II periods. i.e. (He_2 , Li_2 , B_2 , N_2 , O_2). Molecular orbital diagrams for heteroatomic diatomic molecules. (CO , NO)

Bond order and its significance.

Reference Books:

- 1) Lee, J.D. Concise Inorganic Chemistry ELBS, 1991.
- 2) Cotton, F.A., Wilkinson, G. & Gaus, P.L. Basic Inorganic Chemistry, 3rd ed., Wiley.
- 3) Douglas, B.E., McDaniel, D.H. & Alexander, J.J. Concepts and Models in Inorganic Chemistry, John Wiley Sons.
- 4) Huheey, J.E., Keiter, E.A., Keiter, R.L. & Medhi, O.K. Inorganic Chemistry: Principles of Structure and Reactivity, Pearson Education India, 2006.
- 5) Puri, Sharma, Kalia. Principles of Inorganic Chemistry
- 6) Madan R. L. Chemistry for Degree Students (B . Sc. First year), S. Chand Publications

CHE – 112
(Organic Chemistry)
(Theory Credits: 02, Lectures-45)

Unit-I : Fundamentals of Organic Reaction mechanism (7 Lectures)

Electronic Displacements: Inductive Effect, Electromeric Effect, Resonance and Hyperconjugation. Cleavage of Bonds: Homolysis and Heterolysis. Structure, shape and reactivity of organic molecules: Nucleophiles and electrophiles. Reactive Intermediates: formation, structure, reactivity and stability of Carbocations, Carbanions and free radicals. Strength of organic acids and bases: Comparative study with emphasis on factors affecting pK values.

Unit-II : Isomerism and Stereochemistry (10 Lectures)

Concept of isomerism, type, (Structural chain, position, functional group) Representation of organic Molecules – zig- zag structures, projection formulae – (Saw horse (Andiron), Newman, Fisher & Dotted – wedge). Interconversion of Wedge Formula, Newmann, Sawhorse and Fischer representations. Concept of chirality (upto two carbon atoms). Elements of symmetry, Configuration: Geometrical and Optical isomerism; Enantiomerism, Diastereomerism and Meso compounds). Threo and erythro; D and L; cis – trans nomenclature; CIP Rules: R/ S and E / Z Nomenclature.

Unit-III : Benzene & its Reactions (6 Lectures)

Aromaticity: Benzenoids and Hückel's rule, Structure of benzene, Kekule structure, stability of benzene, Reactions of benzene, aromatic character, Huckel rule, Nomenclature of benzene derivatives, sulphonation, halogenation, Friedel – Crafts reactions of benzene.

Unit-IV : Alkyl and Aryl Halides (10 Lectures)

Alkyl Halides (Upto 5 Carbons) Types of Nucleophilic Substitution (SN^1 , SN^2 and SN^i) reactions. Preparation: from alkenes and alcohols.

22

Reactions: hydrolysis, nitrite & nitro formation, nitrile & isonitrile formation, Williamson's ether synthesis: Elimination v/s substitution.

Aryl Halides Preparation: (Chloro, bromo and iodo-benzene case): from phenol, Sandmeyer & Gattermann reactions. Reactions (Chlorobenzene): Aromatic nucleophilic substitution (replacement by -OH group) and effect of nitro substituent. Benzyne Mechanism: KNH_2/NH_3 (or $\text{NaNH}_2/\text{NH}_3$). Reactivity and Relative strength of C-Halogen bond in alkyl, allyl, benzyl, vinyl and aryl halides.

Unit-V : Alcohols, Phenols

(12 Lectures)

Alcohols: Preparation: Preparation of 1° , 2° and 3° alcohols: using Grignard reagent, Ester hydrolysis, Reduction of aldehydes, ketones, carboxylic acid and esters.

Reactions: With sodium, HX (Lucas test), esterification, oxidation (with PCC, alk. KMnO_4 , acidic dichromate, conc. HNO_3). Oppeneauer oxidation Diols: (Upto 6 Carbons) oxidation of diols. Pinacol-Pinacolone rearrangement.

Phenols: Preparation: Cumene hydroperoxide method, from diazonium salts.

Reactions with mechanism: Electrophilic substitution: Nitration, halogenation and sulphonation. Reimer-Tiemann Reaction, Gattermann-Koch Reaction, Houben-Hoesch Condensation, Schotten-Baumann Reaction.

Reference Books

1. Graham Solomon, T.W., Fryhle, C.B. & Snyder, S.A. Organic Chemistry, John Wiley & Sons (2014).
2. McMurry, J.E. Fundamentals of Organic Chemistry, 7th Ed. Cengage Learning India Edition, 2013.
3. Sykes, P. A Guidebook to Mechanism in Organic Chemistry, Orient Longman, New Delhi (1988).
4. Finar, I.L. Organic Chemistry (Vol. I & II), E.L.B.S.
5. Morrison, R.T. & Boyd, R.N. Organic Chemistry, Pearson, 2010.
6. Bahl, A. & Bahl, B.S. Advanced Organic Chemistry, S. Chand, 2010.
7. Organic Chemistry by Pine, 5th edition.

8. Organic Chemistry Vol. I, II and III by Mukharjee, Singh and Kapoor-Wiley Eastern.
9. Organic Chemistry by S.K. Ghosh.
10. Reaction Mechanism in Organic Chemistry by S.M. Mukharjee and S.P. Singh.
11. Stereochemistry and mechanism through solved problems by P.S. Kalsi.
12. Organic reactions and their mechanism by P S Kalsi –New age.
13. The Art of Writing Reasonable Organic Reaction Mechanisms by Grossman, Robert B
14. Organic chemistry, By Raj K Bansal
15. Eliel, E.L. Stereochemistry of Carbon Compounds, Tata McGraw Hill education, 2000
16. Text book of Organic Chemistry by P.S. Kalsi published by Macmillan India Ltd., 1999, Delhi.

CHE - 121
Laboratory Course - 1
(Credits 1.5: 3 hours per week)
(Lectures- 04 per week)

Inorganic chemistry

Semi micro qualitative analysis of inorganic salt mixture containing two acidic radicals and two basic radicals of same or different groups.

Analysis of basic radicals to be done by using spot test reagents.

Following radicals to be given carbonate, nitrite, sulphite, sulphide, chloride, bromide, iodide, nitrate and sulphate, silver(I), copper(II), bismuth(III), cadmium(II), tin(II), arsenic(III), antimony(III), iron(III), chromium(III), aluminium(III), nickel(II), cobalt(II), manganese(II), zinc(II), calcium(II), strontium(II), barium(II), magnesium(II).

Volumetric Analysis

1. Estimation of sodium carbonate and sodium hydrogen carbonate present in a mixture.
2. Estimation of oxalic acid by titrating it with KMnO_4 .
3. Estimation of water of crystallization in Mohr's salt by titrating with KMnO_4 .
4. Estimation of Fe (II) ions by titrating it with $\text{K}_2\text{Cr}_2\text{O}_7$ using internal indicator.
5. Estimation of Cu (II) ions iodometrically using $\text{Na}_2\text{S}_2\text{O}_3$.

Organic Chemistry

1. Organic Qualitative Analysis: Detection of physical constant, type, functional group, elements, and Confirmatory test
 - a) Acids: Oxalic acid, Benzoic acid, cinnamic acid
 - b) Phenols: Beta-Naphthol, Resorcinol
 - c) Base: Aniline, p-Nitroaniline
 - d) Neutral: Acetone, Acetanilide, Chloroform, m-Dinitrobenzene, Thiourea, Bromobenzene

Organic Preparations

1. Preparation of acetanilide (Acetylation).
2. Preparation of Benzanilide (Benzoylation).
3. Preparation of m-di-Nitrobenzene (Nitration).
4. Preparation of tri-Bromoaniline from Aniline (Bromination).
5. Preparation of Benzoic acid from Benzamide (Hydrolysis).
6. Preparation of phenylazo - β - naphthol dye (Diazotisation).

Reference Books for Practical's

1. Practical Organic Chemistry by F.G. Mann, B.C. Saunders, Orient Longman.
2. Comparative Practical Organic Chemistry (Qualitative Analysis) by V.K. Ahluwalia and Sunita Dhingra, Orient Longman.
3. Comprehensive Practical Organic Chemistry (Preparation and Qualitative Analysis) by V.K. Ahluwalia and Renu Agrawal, Orient Longman.
4. Vogel, A.I., Tatchell, A.R., Furnis, B.S., Hannaford, A.J. & Smith, P.W.G., Textbook of Practical Organic Chemistry, Prentice-Hall, 5th edition, 1996.
5. Mann, F.G. & Saunders, B.C. Practical Organic Chemistry Orient-Longman, 1960.
6. Svehla, G. Vogel's Qualitative Inorganic Analysis, Pearson Education, 2012
7. Advanced Practical Inorganic Chemistry by Gurdeep Raj, Goel Pulishing House, Meerut.

CHE – 211
(Physical Chemistry)
(Theory Credits: 02, Lectures-45)

Unit-I : Chemical Energetics:

(12 Lectures)

A) Thermodynamics

Basic concepts of thermodynamics: system, surrounding, boundary. Types of systems. State & path functions. Thermodynamic processes. Intensive & Extensive properties. First law of thermodynamics. Spontaneous & nonspontaneous processes. Statements of second law of thermodynamics. Carnot's cycle and its efficiency. Entropy, physical significance of entropy. Third law of thermodynamics. Calculation of absolute entropies of substances.

B) Thermochemistry

Concept of standard state, standard enthalpy of formation. Hess's law of constant heat summation and its applications. Bond dissociation energy and its calculations from thermochemical data. Temperature dependence of enthalpy- Kirchoff's equation.

Unit-II: Chemical Equilibrium:

(08 Lectures)

Free energy change in chemical reactions. Thermodynamic derivation of the law of chemical equilibrium. Relation between K_p , K_c and K_x for reactions involving ideal gases. Le Chatelier's principle.

Unit-III: Gaseous State:

(10 Lectures)

Postulates of kinetic theory of gases and derivation of the kinetic gas equation. Deduction of gas laws; Boyle's law, Charles's law, Graham's law of diffusion, Avogadro's hypothesis, deviation of real gases from ideal behavior, Vanderwall's equation of state for real gases. Critical phenomenon; PV isotherms of real gases.

Unit -IV: Chemical Kinetics**(15 Lectures)**

Rate of reaction, Definition and units of rate constant, Factors affecting rate of reaction. (Nature of reactant, Concentration, pressure, temperature and catalyst.) Order and Molecularity of reaction, Zero-order reaction, First order reaction, Characteristics of first-order reaction, examples. Pseudo-unimolecular reactions, examples. Second order reaction: Derivation of rate constant for equal and unequal concentration of the reactants. Characteristics of Second order reaction, Numerical on First order and second order reactions. Arrhenius equation, Concept of energy of activation.

Reference Books:

1. Principles of Physical Chemistry Puri, Sharma and Pathania, Vishal Publishing House, 44th Edition
2. Advanced Physical Chemistry Gurdeep Raj GOEL Publishing House, 6th Edition
3. Essentials of Physical Chemistry, Bahl, Tuli and Bahl
4. Text Book of Physical Chemistry, Soni and Dharmarha
5. Essentials of Nuclear Chemistry by H J Amikar, New Age, 4th edition.
6. Mathematical preparation of Physical Chemistry : F. Daniel ,Mc-Graw Hill Book Company Ltd.
7. Elements of Physical Chemistry : S. Glasstone and D. Lewis (D.Van Nostrand Co.Inc)
8. Physical Chemistry : W. J. Moore (Orient Longman)
9. Principles of Physical Chemistry : Maron Prutton
10. University Chemistry : B. H. Mahan (Addision - Weseley Publ. Co.)
11. Chemistry for Degree students(B. Sc. First Year): R L Madan (S. Chand and Company)

CHE – 212
(Applied Chemistry)
(Theory Credits: 02, Lectures-45)

Unit-I : Basic principles of Chromatography (10 Lectures)

Introduction, Basic Principle of Chromatography, Basic terms, Classification of Chromatography.

Paper Chromatography- Principle, types of paper chromatography. Treatment of sample loading, choice of solvent, development of ascending, descending, circular chromatography, location of spots, determination of R_f value, Applications, advantages and disadvantages.

Thin layer chromatography; Principle, Solvent system, stationary phases, preparation of TLC plate, Detecting reagents, methodology-sample loading, development, detection of spot, R_f value, Applications, advantages and disadvantages. Comparison of paper chromatography and TLC

Unit-II : Study of Drugs (8 Lectures)

Introduction and classification of drugs. Properties of ideal drug. Synthesis and properties of aspirin, paracetamol, ibuprofen and chloromycetin.

Unit-III: Study of Glass (08 Lectures)

Introduction, physical properties of glass. Chemical properties of glass. Characteristics of glass. Raw materials used in the manufacture of glass. Process of manufacture of glass. Varieties of glass.

Unit-IV: Principle and Applications of Ultraviolet Spectroscopy (12 Lectures)

Introduction, Theory of electronic Spectroscopy, Types of electronic transitions, Transition probability, Concept of Chromophore, Auxochrome, absorption and intensity shifts, Absorption bands, Conjugated dienes, Woodward-Fieser rules for calculating absorption maximum in dienes, $\alpha - \beta$ unsaturated carbonyl compounds (Simple examples), Applications of UV-Spectroscopy

Unit-V: Analysis of Fertilizers:

(07 Lectures)

Introduction, Types of fertilizers, Necessity and requirements of good fertilizers, Sampling and sample preparation, Analysis of Nitrogen by Kjeldahl's method, Analysis of Phosphorus by phosphomolybdate method, Analysis of Potassium by sodium tetraphenyl borate method

References:

1. Textbook of quantitative Inorganic analysis-A.I. Vogel
2. Instrumental methods of Chemical analysis-H. Kaur
3. Instrumental methods of Chemical analysis-B.K. Sharma
4. Instrumental methods of Chemical analysis-Chatwal Anand
5. Fundamental of analytical Chemistry-Skoog and West
6. Basic Concepts of analytical Chemistry-S.M. Khopkar
7. Analytical Chemistry-Alka Gupta (Pragati Prakashan)
8. Indian Pharmacopoeia
9. Chromatography-H. Kaur

CHE – 221
Laboratory Course – 2
(Credits 1.5: 3 Hour per week)
(Lectures- 04 per week)

Physical Chemistry

1. Determination of heat capacity of calorimeter for different volumes.
2. Determination of enthalpy of neutralization of hydrochloric acid with sodium hydroxide.
3. Determination of enthalpy of ionization of acetic acid.
4. Determination of integral enthalpy of solution of salts (KNO_3 , NH_4Cl).
5. Determination of enthalpy of hydration of copper sulphate.
6. Study of the solubility of benzoic acid in water and determination of ΔH .
7. Determination of Equivalent weight of mg by Eudiometer
8. To Determine Viscosity of given liquid (Water / Ethanol) by viscometer.
9. To determine surface tension of given liquid by Staganometer.
10. Chemical Kinetics: To study the effect of acid strength on the hydrolysis of an ester.

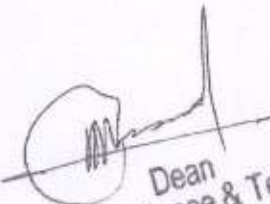
Applied Chemistry

Separation of mixtures by Chromatography:

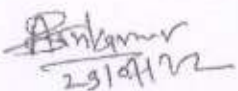
- a) Measure the R_f value in each case (combination of two compounds to be given)
 1. Identify and separate the components of a given mixture of two amino acids (glycine, aspartic acid, glutamic acid, tyrosine or any other amino acid) by paper chromatography.
 2. Identify and separate the cations by Paper Chromatographic technique from the following mixtures :
 - a) $\text{Ni}^{+2} + \text{Cu}^{+2}$
 - b) $\text{Ni}^{+2} + \text{Co}^{+2}$

Reference Books:

- 1) Practical Physical Chemistry: Palit and De.
- 2) Practical Physical Chemistry: Yadav.
- 3) Practical Physical Chemistry: Khosla.
- 4) Khosla, B. D.; Garg, V. C. & Gulati, A. Senior Practical Physical Chemistry, R. Chand & Co.: New Delhi (2011).
- 5) Advanced Practical Inorganic Chemistry by Gurdeep Raj, Goel Publishing House, Meerut.
- 6) Systematic Practical Physical Chemistry by Prof. S. W. Rajbhoj and Dr. T. K. Chondekar, Anjali Publication, Aurangabad.



Dean
Faculty of Science & Technology
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad



(Dr. Anil G. Shankarwar)
Chairman BOS Chemistry
Dr. Babasaheb Ambedkar Marathwada University
Aurangabad.

12

11. Curriculum for Semester I

Course Code: CMP-111

Course Title: **Computer Fundamental**

Total Credits: 02

Contact Hours: 30 (Clock Hours)

Marks: 50

Periods: 45 (45 minutes each)

Objective: To impart basic introduction to computer hardware, components, computer number system, how the CPU works, fundamental about algorithms and flowchart as well as different type of software.

UNIT-1: Introduction to Computers: (10 period)

Definition of Computers, History and Generations of Computers, Characteristics of computer, Classification of Computers. Fundamental Block diagram of Computer: CPU, Input & Output Unit. Input devices, Output devices, Types of printer's, Memory, CD-ROM, Hard disk, Floppy disk.

UNIT-2: Software: (10 period)

Definition of Software, Types of Software-System software, Application software and Utility software. Computer Languages: Definition, types of Programming languages, Language Processors: Assemblers, Interpreters, Compiler and Editors. Introduction to Operating Systems: Types of Operating System, Functions of Operating System examples. MS-DOS Internal and External Commands.

UNIT-3:Internet, World Wide Web: (10 period)

Introduction to Internet, Internet Access, Internet Basics, Protocols-TCP/IP,HTTP,FTP, Addressing, World Wide Web(WWW), Web Pages & HTML, Web browsers, Searching for information-search engines. Internet chat.Applications of Internet. Advantages and Disadvantages of Internet

UNIT-4: Number Systems and Arithmetic (10 period)

Decimal Number System & Binary Number System, Decimal to Binary conversion, Binary to Decimal Conversion,. Binary Arithmetic : Binary addition, subtraction, Multiplication & division Hexadecimal number system , Hexadecimal to binary,Binary to Hexadecimal, Hexadecimal to decimal conversion Binary subtraction using 1' complement, 2'scomplement method.

UNIT-5: Tutorial and Assignment (05 period)

13

References

1. Fundamentals of Computers, V. Rajaraman -6th edition PHI Learning Private Limited 2014
2. Fundamentals of Information Technology By Chetan Srivastava, Kalyani Publishers
3. Fundamentals of Computers By V. Rajaraman, PHI Publication, IVth Edition.
4. Fundamentals of Programming By Raj K. Jain, S. Chand Publication
5. Digital Electronics and Micro-Computers - R.K. Gaur, Dhanpat Rai Publication

Additional Reference:

1. Computer Today By Suresh K. Basandra, Galgotia Publication, Updated Edition
2. Computer Fundamental By B. Ram, BPB Publication.
3. Digital Electronics and Logic Design - N.G. Palan, Technova Publication

Course Code: **CMP-112**
Course Title: **Operating System**
Total Credits: 02
Contact Hours: 30 (Clock Hours)
Marks: 50
Periods: 45 (45 minutes each)

Objective: To introduce students the basic functioning of operating systems as resource manager and its Salient features. Also to study about process states, scheduling, Memory and I/O Management techniques.

Unit-I: Introduction to Software: (05 periods)

Software: Definition, classification of software, operating system as the main component of system software.

Unit-II: Operating System Fundamental (10 periods)

Operating Systems: OS as a resource manager, Structure of OS, Evolution of OS, OS functions, Characteristics of modern OS, Types of O.S.: Early systems, simple batch systems, multiprogramming batch systems, Time sharing system, Personal Computer systems, Parallel systems, Distributed systems, Real time systems.

Unit-III:I/O Management(10 periods)

I/O Management I/O System Components : I/O Devices , I/O, Hardware , Application I/O interface, Secondary Storage Structure : Disk fundamental, Disk Scheduling , Disk Management

Device Characteristics Input and Output devices, Storage devices, Device allocations, I/O scheduler, Introduction to Virtual Devices, Dedicated Devices, shared devices and virtual devices, Generalized strategies.

Unit-IV:Process Management and Memory Management (15 periods)

Concept of Process: Process State, Operation on Processes, thread.CPU Scheduling: Types of Schedulers, Criteria for scheduling, Scheduling Algorithms. Process Synchronization: Need for synchronization, Critical Section, Hardware Synchronization, Semaphores,

15

Monitors, Problem of synchronization, Deadlocks: Concept of Deadlock, Deadlock Modeling, Methods for Handling Deadlock

Address Binding, Logical Vs. Physical Address space, Memory Allocation, Paging, Segmentation, Segmentation and paging.

UNIT-5: Tutorial and Assignment (05 periods)

Core References:

1. "Operating System", By S.R.Sathe & Anil S.Mokhade, MacMillan Publication.
2. "Operating System", By Stuart E.Madnick, John J.Donovan.

Additional References:

1. Operating System Concepts- A. Silberchaz & P.B. Galvin, Addison - Wesley Publishing Company

Course Code: **CMP-121**

Course Title: **Lab course 1 (Based on CMP-111 and CMP-112)**

Total Credits: 1.5

Contact Hours: 03 Hours (Week)

Marks: 50

Practical based on CMP-111

1. Student should prepare a report based on computer component such as monitor, printer, CPU, Pen drive, CD -ROM , Hard Disk
2. Create a partition of computer drive creation, formatting the drive and deleting the partition.
3. Create a user and password of computer user and Reset a computer password using CMOS battery.
4. Practical on office word tool as a creation, edit, insertion of table in the new word file.
5. Practical based on MS-Excel for creation of student data with name, marks, roll no for sorting and mark sheet creation.
6. Perform practical of DOS internal commands. DIR,TYPE,DEL, MD,CD,COPY,RMDIR,VER,DATE,TIME, CLS EXIT.
7. Write a comparative report of different web browser such as opera, Microsoft edge, chrome and mozilla Firefox.
8. Create an IP setting and home network setting for the computer.
9. Connect internet using wifi for a computer.
10. Practical based on online meeting using zoom, Google meet and skype
11. Practical based on remote desktop using any desk software.
12. Solve one example of binary to decimal, octal and hexadecimal number.
13. Solve one example of decimal to binary, octal and hexadecimal
14. Solve one example of octal to hexadecimal, decimal and binary.

Minimum three practical on each unit

Practical based on CMP-112

1. Execution of DOS internal and External commands
2. Study and explain the types of operating systems (their types with structure, functionality, dependencies, application software with their differences).
3. Installation of any one of the operating system.
4. Present the output of different file operation.
5. Implement any file allocation technique (Linked, Indexed or Contiguous) .(any one)
6. Present the output of following CPU Scheduling algorithm.(any one)
 - a. FCFS
 - b. SJF
 - c. Priority
 - d. Round Robin
7. Present the output of following Page Replacement Algorithm.(any one)
 - a. FIFO
 - b. LRU

Minimum three practical on each unit

18

12. Curriculum for Semester II

Course Code: **CMP-211**
Course Title: **Digital Electronic**
Total Credits: 02
Contact Hours: 30 (Clock Hours)
Marks: 50
Periods: 45 (45 minutes each)

Objective: To convey basic introduction of computer system architecture, the structure of computer, working gates and its functionality. To impart basic knowledge in digital logic and circuits and to introduce basic concepts of data communications. Student will be able to learn basic concepts of digital logic and the design of basic logic circuits using commonly used combinational and sequential circuits.

Unit-I: Boolean Algebra and Logic Gates: (10 periods)

Postulates of Boolean Algebra Theorems of Boolean Algebra: Complementation , commutative, AND, OR, Associative, Distributive, Absorption laws , DE Morgan's theorems, Reducing Boolean expressions Logic Gates : AND, OR, NOT, Ex-OR, Ex-NOR, NAND as Universal building block Logic diagrams of Boolean expressions Boolean expressions for logic diagrams

Unit-II: Combinational and Sequential circuit (10 periods)

Introduction of Minimization techniques, Minterms and Maxterms, K-Map, K-Map for 2,3 and 4 variable.
Combinational circuit and sequential circuit introduction, Half adder, half subtractor, Full Adder ,Full Subtractor, Multiplexer, demultiplexer, encoder, decoder, BCD to Decimal decoder 2 : 4 demultiplexer, 4 line to 1 line multiplexer

Unit-III: Flip Flops (10 periods)

Introduction : RS FF, Clocked RS FF, D Flip Flops, Triggering, preset and clear, JK FF , T FF, Race around Condition

19

Unit-IV Counters Introduction:(10 periods)

Asynchronous/ ripple counter Modulus Counter , MOD-12 counter, Synchronous counter :
Synchronous serial & synch parallel counter bid counter, Ring counter

UNIT-5: Tutorial and Assignment (05 periods)

Core Reference:

1. Digital Electronics and Micro-Computers - R.K.Gaur ,Dhanpat Rai Publication
2. Digital fundamentals -Floyd & Jain -Pearson Education
3. Introduction to computers -Norton -McGraw Hill
4. Digital fundamentals -Floyd & Jain -Pearson Education

Additional Reference:

1. Digital Electronics and Logic Design - N.G.Palan ,Technova Publication
2. Computer fundamentals -B.Ram -New Age International

<p>Course Code: CMP-212 Course Title: Basic C Programing Total Credits: 02 Contact Hours: 30 (Clock Hours) Marks: 50 Periods: 45 (45 minutes each)</p>
<p>Objective: To expose students to algorithmic thinking and problem solving and impart moderate skills in programming using C Language in an industry-standard. Introduce students to learn basic features, Create, execute simple C programs using conditional statements, loops and arrays.</p>
<p>Unit-I: Introduction (10 periods) An Overview of C , History of Programming language type, C as a Structured Language, Features of C. Data Types Data Types: int, char, float, double. Declaration & Initialization, Example. Character set, C Token, Identifier & Keywords, Variables, Constant and its types. Integer constant, floating point constant, character constant, string constants, Operators: Arithmetic, Relational, Logical, Unary operators, Increment & decrement Assignment and Conditional operator.</p>
<p>Unit-II :C Program & I/O statements (10 periods) Structure of C Program, Compilation & Execution of C program, I/O: Introduction, Formatted Input/output function: scanf & printf, Escape sequence characters.</p>
<p>Unit-III: Control and Iterative Statements(10 periods) Simple if, nested if, if-else, else if ladder, Switch-case statement, The conditional expression (? : operator),while and do-while loop, and for loop, break & continue statement, goto statement</p>
<p>Unit-IV: Arrays Introduction(10 periods) Declaration and initialization Accessing array elements, Memory representation of array. One dimension and multidimensional arrays, character array, Introduction to string</p>
<p>UNIT-5: Tutorial and Assignment (05 periods)</p>

References

1. Let us C : Y. P. Kanetkar [BPB publication]
2. Programming in C : E. Balaburuswamy [Tata McGraw hill]
3. Programming in C : Goterfried [Shaums' Series]

(21)

Course Code: **CMP-221**

Course Title: **Lab course 1 (based on CMP-211 and CMP-212)**

Total Credits: 1.5

Contact Hours: 03 Hours (Week)

Marks: 50

Objective: student understands the practical and logical application of programming language. The use of C logical statement in real time example solving. The student should understand the working of logic gate with its application in real time era.

Practical based on Digital Electronic

1. The practical should be done on kit for AND, OR , NOT, NAND, NOR , X-OR and X-Nor gate (**If kit not available use the software simulation for practical**)
2. Study of Components: Identification and testing of resistors, capacitors, inductors, diodes, LEDs & transistors
3. Study of Logic Gates: Study of truth table of basic gates, realization of Boolean functions
4. Study of Half adder and Full Adder
5. Study of Half Subtractor and Full Subtractor
6. Study of Implementation of a 3:8 decoder,
7. Study of 4-line to 16 bit decoder
8. Study of BCD to 7-segment decoder
9. Study of Generating a Boolean expression with a multiplexer
10. Study of Clocked JK Flip Flop 11. Study of 4-bit ripple counter 12. Study of Parallel-in, serial-out, 4-bit shift register

22

Practical based Basic C Programing

1. Installation of C Program:

Download and installation of C programming software. Discussion on available c software and use of each individually.

2. Input Output statement program

Minimum 10 program on input and output statement, data type and constant.

3. List of Program for student to understand the concept of programing

- Find Area, Perimeter of Triangle & Rectangle.
- Find maximum amongst 3 numbers.
- Program for nested loops.
- Program to Calculate x y
- Program to check Prime Number, Program reverse of digit.
- Program to find Armstrong Number.
- Program to print the Fibonacci Series
- Searching and element from array.
- Transpose of matrices
- Multiplication of matrices
- Sorting array using the bubble sort technique
- Program for factorial of number

23

<p>Course Code: CMP-213 Course Title: Constitution of India Total Credits: NA (Non-Credit Course) Contact Hours: 30 (Clock Hours) Periods: 45 (45 minutes each)</p>
<p>Objective: To objective of this paper is to introduce the Indian constitution of student.</p>
<p>Unit-I: (05 periods)</p> <ol style="list-style-type: none">1. Meaning and concept of Indian Constitution.2. Nature of constitution.3. Brief idea of Indian Constitution.
<p>Unit-II: Silent Feature of Indian Constitution (10 periods)</p> <p>Written and Enacted Constitution; The longest and most detailed Constitution of the World; Rigidity and Flexibility Constitution; Parliamentary system of Government; Federal system with unitary basis; Adult Franchise; Single Citizenship; Sovereign, Democratic, Republic; Secularism; directive Principles of state policy; independent Judiciary; Fundamental Rights; Fundamental Duties.</p>
<p>Unit-III: (10 periods)</p> <p>A. Fundamental Rights Concept of State (Art-12); Right of Equality (Art-14 to 18); Right to Freedom (Art-19 to 22); Right against Exploitation (Art-23 & 24); Right to Religion (Art-25 to 28) ; Right to Minorities (Art-29 & 30) Constitutional Remedies(Art-32).</p> <p>B. Fundamental Duties (Art-51 A)</p>
<p>Unit-IV: Directive Principles of State Policy (DPSP's) (15 periods)</p> <ol style="list-style-type: none">1. Meaning and Significance of Directive Principles.2. Classification / Principles of D. P. S. P.3. Relationship between F. Rs. and D. P. S. P. <p>Executives</p> <p>A) Union Government : The President, Council of Ministers and Prime Minister B) State Government: The Governor, Council of Ministers and Chief Minister</p>
<p>UNIT-5: Tutorial and Assignment (05 periods)</p>

26

References

1. Constitution of India, Bare Act. Govt. of India.
2. Subhash C. Kashyap, Our Constitution (An Introduction of Indian Constitution and Constitutional) low, National Book Trust, India 2001.
3. Avasti & Maheshwari, Indian Constitution, Lakshmi Narain Agrwal Agra 2017.
4. Basu D. D. , Introduction to the Constitution of India, Laxis Nexis 2013.
5. Sharma L. N. Indian Prime Minister, The MacMillan company of India, 1976.
6. Jain H. M. Union Executive, Chaitanya Publication House 1969.
7. Dr. S. N. Busi, Dr. B. R. Ambedkar, Framingof Indian Constitution, 1st Edition 2015.
8. M. P. Jain, Indian Constitution Law 7th Edition Nexis 2014
9. M. P. Jain, Outline of Indian Legal and Constitutional History Laxis Nexis 2014
10. भारताचे संविधान
11. प्रदीप गायकवाड, (संपादक) भारताचे संविधान शिल्पकार डॉ. बाबासाहेब आंबेडकर दीक्षाभूमी संदेश, नागपूर २००६
12. डॉ. भा.ल. भोळे, भारताचे शासन आणि राजकारण, विद्या प्रकाशन नागपूर

NOTE: All latest volumes of above-mentioned books must be preferred. The above list of books is not an exhaustive one.

Two Internal Test (45 Minutes)	10 Marks
Two Home Assignment	10 Marks

B. Sc. I Year Semester I
Core Course (Theory Paper-I)
EVS- 111: Foundation of Environment

Course Objectives

Students will be able to know

1. Dynamics of ecosystems, energy flow in ecological system, nature of a biotic and biotic components and stability concept of ecosystem.
2. Various types of degraded ecosystems, ecological succession, concept of climax and role of pioneer's species in restoration of ecosystems.
3. Population dynamics, prey predator relationship, concept of community, community competition and ecological sustainability.
4. Nature and status of renewable and non-renewable resources, mineral resources, fishery resources, energy resources and recycle, reuse and recovery of these resources.

Unit-I: - Ecosystem Dynamics: (10)

Concept of ecosystem, A biotic and biotic components, Energy in ecological system, Concept of productivity, Energy flow in ecosystem, Food chain, Food web, Ecological pyramids, Biogeochemical cycles of nitrogen, oxygen and carbon.

Unit –II: Ecological succession (10)

Types of ecological succession, Mechanism of succession, Concept of climax, Concept of Gaia hypothesis. Concept of habitat, Ecological niche, Guild, concept of ecotone, Edge effect. Significance of ecological adaptation, Ecological adaptation in plant- Hydrophytes, Xerophytes, Mesophytes and Halophytes.

Unit-III:-Restoration of Degraded Ecosystems: (10)

Degraded ecosystems such as, Forest, grassland, Desert ecosystem, Lentic and Lotic ecosystems, Coastal ecosystems, etc., Role of pioneer species in restoration, Major biomes of world.

Unit-IV: - Population and Community Ecology: (10)

Concept of population ecology, Population dynamics, Characteristics of population: Natality, Mortality, Fecundity, Density, Age distribution, Prey predator Relationship, Population explosion: Concept of community, Interspecific and intraspecific competition, Concept of carrying capacity.

Unit-V: Tutorials, seminars and Assignments (05)

Course Outcome

Students should be able to:

1. Define ecological systems and its functionality along with stability concept of ecosystem
2. Describe various types of pioneer species and their role in restoration of ecosystems.
3. Recognize ecological succession, concept of climax and degraded ecosystem.
4. Examine nature and status of renewable and non renewable energy resources, mineral resources and energy resources.

References

1. Fundamentals of Ecology – E.P. Odum, Revised Edition 1995-96
2. Principles of Ecology – P.S. Verma, V.K. Agarwal, S. Chand and Co. Delhi.
3. Principles of Environmental Science – Wart K.E.F. (1973) McGraw Hill Book Company.
4. Basic Ecology – E.P. Odum
5. Concept of Ecology – E.J. Koromondy, 1996, concept of modern biology series, prentice Hall.
6. Modern Concepts of Ecology – H.D. Kumar
7. Principles of Environmental Biology – P.K.G. Nair, Himalaya pub. House, Delhi
8. Environmental Biology – P.D. Sharma, Rastogi Publication, Meerut.
9. Ecology and Environment - P.D. Sharma, Rastogi Publication, Meerut.
10. Basic concepts of soil science – A.K. Kolay, Willey estern ltd., New Delhi.
11. Environmental Science – Enger, Smith, Smith, W.M.C. Brown company publishing
12. Practical Method in Ecology – R.K. Trivedi, P.K. Goel and Trisal., Enviro Publication, Karad.
13. Chemical methods for Environmental Analysis Water and sediments – R.Ramesh, M. Anbu, Macmillan India Ltd. New Delhi.
14. Fundamental of Ecology – Dash M.C. Tata McGraw Hill Pub. Co. Ltd. NewDelhi.
15. Concepts of Ecology (Fourth Edition)- Edward J. Kormondy, Prentice Hall of India Pvt. Ltd. New Delhi.
16. Environment forest, ecology and man – Dixit R.K. Rastogi Publication, NewDelhi.
17. Environment, energy, health planning for conservation – V. Vidyath, Gyan Publishing House, New Delhi
18. Air pollution-M.N. Rao
19. Air pollution- A.C. Stern, Academic press Vol. I-X.
20. Air pollution-V.P. Kudesia.
21. Air pollution control-NEERI
22. Air pollution-Magill Holder and Ackely
23. Water pollution-A.K. Tripathi and S.N. Pande
24. Waste water engineering, treatment, disposal and reuse-Metcalf and Eddy.
25. water supply and sanitary engineering-R.C. Rangwala

B. Sc. I Year Semester I
Core Course (Theory Paper-II)
EVS-112: Chemical Aspect of Environment

Course Objectives

Students will be able to know

1. Understand the basics concepts of Chemistry
2. Acquire the knowledge of composition of Air, Water & Soil
3. Identify the chemical aspects of Environment.
4. To analyze processes for Air, Water & Soil

Unit-I: -Basic Concepts of Environmental Chemistry: (10)

Energy-definition, types (kinetic and potential), Forms of energy: Laws of thermodynamics (First & Second), Stoichiometry, Gibbs energy, Chemical potential, chemical equilibrium, Acid-base reactions. Solubility product, Solubility of gases in water.

Unit-II: - Chemical Agents in Environment: (10)

Introduction, definition, Scope, Importance , Role of chemical agents in environment, Basic water chemistry, Impurities, Basic principles and sources, Gases solubility in water, Heat influencing chemical reactions, Solubility of impurities, Characteristics of sanitary spent water, Concentration, Normality, Molarity, concept of dilution , Serial dilution, Single step and multiple step dilution, Sample collection guidelines, Sample preservation , Sample order.

Unit-III: Chemistry of Air : (10)

Classification of elements, Composition of air, Chemical speciation, particles, Ions and radicals in the atmosphere, Chemical processes for formation of inorganic and organic particulate matter, Toxic chemicals in environment, Pesticides, Insecticides, Arsenic, Cadmium, Lead, Mercury, Carbon monoxide and Ozone, MIC and other carcinogens in air and water. Chemistry of Ozone layer, Ozone layer depletion, Causes and effects. Greenhouse effect: Major greenhouse gases, Causes and effects. Global Warming, Causes and effects.

Unit -IV: - Chemistry of Water and Soil: (10)

Chemistry of water, Structure of water molecule, Solubility of compounds in water, Dissociating constant, Water quality parameters and standards, Chemistry of soil, Composition of soil, Biogeochemical cycles (nitrogen, oxygen, carbon, Sulphur, phosphorus etc.), Micronutrients of soil, Factors effecting the soil quality, Adsorption of contaminant in soil, Toxic chemicals present in soil.

Unit V: Tutorials, seminars and Assignments (05)

Course Outcome

Students should be able to:

- Define basic aspects of environment
- Explain chemical contamination in the environment
- Apply the knowledge of chemistry to analyze air, water and soil quality
- Evaluate the level of pollution in environment

References

1. Environmental Chemistry- G.S. Sodhi.
2. Environmental Science –S.C.Santra
3. Environmental Chemistry- S. E.Mannhan
4. Environmental Chemistry – A.K. De
5. Environmental Chemistry-A global perspective; G.W. Vantoon and S.J. Duffiy, Oxford Uni. Press, London.
6. Environmental chemistry – B.K. Sharma
7. Environmental chemistry – B.K. Sharma and H. Kaur
8. Environmental pollution analysis – S.M. Khopkar
9. Environmental chemical analysis – Lanin L. Marr, Malcom S.
10. Environmental Chemistry – Kanan Krishnan.
11. Environmental Chemistry – S.K. Banerjee.
12. Environmental Chemistry – J.W. Moore and E.A. Moore.
13. Destruction of hazardous chemicals in the laboratory: G. Lunn and E.B. Sansone.
14. A text book of Environmental Chemistry and pollution control – S.S. Dara.
15. Environmental Chemistry – M. Satake, Do. S. Sethi, S.A. Eqbal.
16. Environmental and Man: The chemical environment: J. Lenihan and W.W. Fletcher.
17. Environmental Chemistry – S.S.Dara

B. Sc. I Year Semester I

EVS-121: Lab Course- 1

(Practical paper based on paper EVS-111 and EVS-112)

1. To study the 'Laboratory Safety Rules'.
2. To study the cleaning methods of glass wears.
3. To study the First-Aid and emergency treatment in laboratory.
4. Collection and Preservation of phytoplankton and zooplankton samples from different Water bodies (river, pond, Lake etc)
5. The qualitative study the phytoplankton's (any 10 specimens).
6. The qualitative study the zooplanktons (any 10 specimens).
8. Collection of hydrophytes, xerophytes, mesophytic and halophytic plants / animals Specimens.
9. Study of xeric adaptation in plants, morphometrically and histologically.
10. Study of xeric adaptations in animal (at least 5 specimen's morphometrically)
11. Study of mesophytic specimens (at least 5 specimens).
12. To study the laboratory equipments and instruments (Oven, Microscope, Incubator, Inoculation chamber, Autoclave, Electronic balance, pH meter, Colorimeter, Turbidity meter, etc).
13. To study the preparation of regents of different Normality and Molarities (i.e. 1 N, 0.1N, 1M, etc).
14. Study of various equipments used in air pollution.
15. Detection of SO₂ gas and its effect on plants.
16. Detection of NH₃ gas and its effect on plants.

Note:

- i) Duration for each practical is of 04 periods.
- ii) Study tour /field visits are compulsory.

B. Sc. I Year Semester II
Core Course (Theory Paper-III)
EVS- 211: Natural Resources Management

Unit I: Natural Resources: (10)

Definition; Classification; Concept of renewable and nonrenewable resources; their conservation and importance, Role of Individuals and NGOs in Resource Conservation: Environmental movements such as 'Chipko', Western Ghats, and Silent valley, Narmada, Project agitation etc.; Role of individuals and NGO's in natural resource conservation.

Unit II: Energy Resources: (10)

Renewable and non-conventional energy resources like solar, wind, geothermal, tidal and wave energy, biomass, biogas and biodiesel, hydroelectric energy; Atomic energy, on-renewable and conventional energy resources like coal, petroleum, fuel gases; Environmental impacts of energy exploitation, Energy conservation.

Unit IV: Forest and Wildlife Resources: (12)

Importance of forests and wildlife; Types of forest resources; Overexploitation of forests; Deforestation; Forest management and conservation; Wildlife conservation; National parks and sanctuaries; Biosphere reserves.

Unit IV: a) Water Resources and conservation: (10)

Water resources on the earth; Consumption and uses of water; Management and conservation of water resources; Rain water harvesting, drip irrigation.

b) Mineral and Soil Resources:

Types and Importance of minerals and soil; Important minerals of India; Mineral extraction and environmental problems; Conservation of mineral resources; Reclamation of mining areas. Soil erosion, conservation of soil.

Unit V: Tutorials, seminars and Assignments (05)

References:

1. Environmental Chemistry – B.K.Sharma
2. Ecology and Environment – P.D Sharma
3. Geography of India – Majid Hussain
4. Environmental Studies- Arun K.Tripathi
5. Environmental Geography- Savindra Singh
6. Oceanography- Savindra Singh
7. Environmental studies -Erach Bharucha
8. Environmental studies –Irani Dipti
9. Craig, J.R., Vaughan, D.J. & Skinner, B.J. 1996. Resources of the Earth: Origin, Use, and Environmental Impacts (2nd edition). Prentice Hall, New Jersey.
10. Freeman, A.M. 2001. Measures of value and Resources: Resources for the Future. Washington DC.
11. Freeman, A.M. 2003. Millennium Ecosystem Assessment: Conceptual Framework. Island Press.
12. Ginley, D.S. & Cahen, D. 2011. Fundamentals of Materials for Energy and
13. Environmental Sustainability. Cambridge University Press.
14. Klee, G.A. 1991. Conservation of Natural Resources. Prentice Hall Publication.
15. Miller, T.G. 2012. Environmental Science. Wadsworth Publishing Co.
16. Ramade, F. 1984. Ecology of Natural Resources. John Wiley & Sons Ltd.
17. Tiwari, G.N. & Ghosal, M. K. 2005. Renewable Energy Resources: Basic Principles and Application. Narosa Publishing House.

B. Sc. I Year Semester II
Core Course (Theory Paper-IV)
EVS- 212: Solid and Hazardous waste management

Unit I- Introduction

(10)

Introduction to MSW, Composition and Waste characteristics of MSW, Collection, Segregation and Transfer Operation, Waste system, current scenario, MSW generation in India, Model for appropriate waste collection and segregation, reference model, mode of collection, micro-route planning and maps, transfer stations, Management and Handling Rules of MSW.

Unit II- Treatment Method for MSW

(10)

1. Anaerobic Digestion, 2. Aerobic Digestion, 3. Vermicomposting, 4. Incineration, 4) Mass Burn and Refuse-Derived Fuel, 5. Waste To Energy (WTE), Dioxin and furans, heavy metals, 6. Landfill (Basic Landfill Constructions and operations, Decomposition and phases in Landfill) Types landfills (Secured Landfill, Sanitary Landfill).

Unit III- Integrated Solid Waste Management

(10)

Source Reduction, Green, Material Selection, Product System Life Extension, Material Life Extension, Reduced Material Intensity, Process Management, Efficient Distribution, Eco-labels, Lifecycle Assessment, The 5 R's-Reduce, Recycle (Paper & Paperboard, Plastics, Glass Containers, Aluminum), Reuse, Remanufacture, Recover (Energy Recovery & Material Recovery)

Unit- IV- Hazardous waste Sources and Management

(10)

Hazardous Waste Management: Definition and identification of hazardous wastes-sources and characteristics – hazardous wastes in Municipal Waste – Hazardous waste regulations –minimization of Hazardous Waste-compatibility, handling and storage of hazardous waste-collection and transport, e- waste -sources, collection, treatment and reuse management. Hazardous waste treatment: Hazardous waste treatment technologies, Biomedical Waste management: Biomedical (Handling and Management) Rules 2008, sources and disposal.

Unit-V- Tutorials, seminars and Assignments

(05)

References

1. George Tchobanoglous et al., "Integrated Solid Waste Management", McGraw-Hill Publishers, 1993. 177
2. B. Bilitewski, G. HardHe, K. Marek, A. Weissbach, and H. Boeddicker, "Waste Management", Springer, 1994.
3. Municipal Solid Waste Management – N. N. Bandela, D.G. Tare, B.R. Publishing Corporation, 2009
4. Manual on Municipal Solid Waste Management, CPHEEO, Ministry of Urban Development, Government of India, New Delhi, 2000
5. R.E. Landreth and P.A. Rebers, "Municipal Solid Wastes – problems and Solutions", Lewis Publishers, 1997.
6. Bhide A.D. and Sundaresan, B.B., "Solid Waste Management in Developing Countries", INSDOC, 1993.
7. George Tchobanoglous et al., "Integrated Solid Waste Management", McGraw-Hill Publishers, 1993. 177
8. B. Bilitewski, G. HardHe, K. Marek, A. Weissbach, and H. Boeddicker, "Waste Management", Springer, 1994.
9. Manual on Municipal Solid Waste Management, CPHEEO, Ministry of Urban Development, Government of India, New Delhi, 2000
10. R.E. Landreth and P.A. Rebers, "Municipal Solid Wastes – problems and Solutions", Lewis Publishers, 1997.
11. Bhide A.D. and Sundaresan, B.B., "Solid Waste Management in Developing Countries", INSDOC, 1993.
12. Gilbert Masters, "An Introduction of Environmental Engineering", McGraw-Hill Publishers.
13. Dr. P.K. Behra, Dr. S.K. Sahu and M.S. Shivarama, "Encyclopedia of Hazardous Waste Management", Dominant Publishers and Distributors.

B. Sc. I Year Semester II

EVS-221: Lab Course- 2

(Practical paper based on paper EVS-211 and EVS-212)

1. Measurement of Electrical Conductivity.
2. Determination of Total Hardness.
3. Determination of Dissolved Oxygen.
4. Determination of Alkalinity
5. Determination of Free CO₂
6. Determination of Turbidity.
7. Determination of soil Temperature.
8. Determination of Soil Moisture
9. Determination of soil pH.
10. Determination of organic matter in soil .
11. Monitoring wind speed and direction.
12. To study the Vermicomposting bed.
13. Determination pH & Electrical conductance of Municipal solid waste.
14. Determination of Moisture content of municipal solid waste.
15. Determination of potassium of Municipal solid waste.
16. Percent composition study of solid waste for organic and inorganic matter.



W

B.A./B.Sc. First Year

Semester – I

MAT-101: Geometry

(No. of Periods:60, Max.Marks: 50)

Course Description: This course provides elementary-level knowledge of Three-dimensional geometries especially plane, right line, sphere, cone, and cylinder.

Course Objectives: General objectives are to study three-dimensional geometry, plane, right line, sphere, cone and cylinder along with their properties and interpretations.

Course Outcomes: After successful completion of this course. The student will be able to identify and study equation of plane. Basic idea of lines, sphere, cones and cylinders.

Unit- I. The Plane:

Equations of the first degree in x, y, z , transformation to the normal form, determination of the plane under given conditions, equations of the plane through three given points, systems of planes, length of the perpendicular from a point to a plane. (15 Periods)

Unit-II. Right Line :

Equations of a line, equations of a straight line in terms of its direction cosines and the co-ordinates of a point on it, equations of a line through two points, symmetrical and unsymmetrical forms of the equations of a line, transformation of the equations of a line to symmetrical form, angle between a line and a plane. (10 Periods)

Unit-III. Applications of Right Line:

The condition that a given line may lie in a given plane, the condition that two given lines are coplanar, number of arbitrary constants in the equations of a straight line, sets of conditions which determine a line, the shortest distance between two lines, the length and equations of the line of shortest distance between two straight lines, length of perpendicular from a given point to a given line. (10 Periods)

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Unit-IV.Sphere:

Definition and equations of the sphere, equation of the sphere through four given points, plane section of a sphere, intersection of a spheres, equations of two spheres, equation of a circle, sphere through a given circle, intersection of a sphere and a line. (15 Periods)

Unit –V.Cones and Cylinders:

The right circular cone, equation of a right circular cone, the right circular cylinder, equation of a right circular cylinder. (10 Periods)

Recommended Text Book:

[1] Shanti Narayan and P. K. Mittal: Analytical Solid Geometry, S. Chand and Company Ltd, New Delhi, Seventeenth Edition, 2013.

Scope:

Chapter 2: Articles 2.1, 2.3, 2.32, 2.4, 2.41, 2.42, 2.5, 2.7

Chapter 3: Articles 3.1, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.2to 3.5, 3.6, 3.61, 3.7

Chapter 6: Articles 6.1,6.1.1, 6.1.2, 6.1.3, 6.2, 6.3.1, 6.3.2, 6.4, 6.4.1, 6.5

Chapter 7: Articles 7.6.1, 7.6.2, 7.8.1, 7.8.2

Reference Books:

1. Text Book of Coordinate Geometry, By Gorakh Prasad and H. C. Gupta, Pothishala Pvt. Ltd. Allahabad, 2000.
2. The Elements of Coordinate Geometry, By S. L. Loney, Mc-Millan and Company, London, 1895.
3. A Text Book of Analytical Geometry of Three dimensions, By P. K. Jain and Khalil Ahmad, Wiley Eastern Ltd.2018.
4. Elementary Treatise on Co-ordinate geometry of three Dimensions by R.J.T. Bell, Mac Millan India Ltd.

6

B.A./B.Sc. First Year

Semester- I

MAT-102: Differential Calculus

(No. of Periods: 60, Max. Marks: 50)

Course Description: This course provides the basics of real sequences, functions of single variable, higher derivatives and vector derivatives.

Course Objectives: The objective of the course is to learn real sequences, functions and higher derivatives, vector differentiation and applications

Course Outcomes: After completion of the course students will be able to:

- Classify the sequences
- Check the limit and continuity of functions
- Evaluate the derivative of functions
- Find the curl divergence and gradient of functions

Unit-I: Sets and Real Sequences

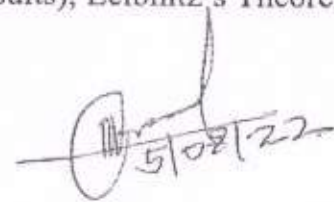
Introduction, limit points of set, closed sets, sequences, limit point of a sequence, limit inferior and superior, convergent sequences, non-convergent sequences. (15Periods)

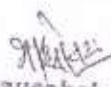
Unit-II: Functions of a Single Variable

Limits, Continuous functions, Functions continuous on a closed interval, Uniform Continuity, The Derivative, Increasing and Decreasing Functions, Rolle's Theorem, Lagranges Mean Value Theorem, Cauchy's Mean Value Theorem(15 Periods)

Unit-III: Successive Differentiation

Higher order derivatives, Calculation of n^{th} derivatives: Some standard results, Determination of n^{th} derivatives (Some Standard results), Leibnitz's Theorem. (10 Periods)




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Unit-IV: Vector Differentiation

Vector function of a single scalar variable, Continuity, Differentiability, Derivative of the Sum (or difference) of vectors, Derivative of the scalar product, Derivative of the cross product, Derivative of scalar triple product, Derivative of vector triple product, scalar and vector field, level surfaces, vector function of two or more variables, partial derivatives of vectors, geometrical interpretation of, Directional derivative, Operator del ∇ , The gradient, Properties of gradient, The divergence, Properties of Divergence, Curl, Properties of Curl.

(20 Periods)

Recommended Text Books:

1. S.C.Malik, Savita Arora: Mathematical Analysis (Fifth Edition) New Age International (P) Ltd. Publishers, Reprint 2018, 2022
2. Shanti Narayan and P.K. Mital: Differential Calculus, S.Chand & Company Ltd. New Delhi, Reprint 2005.
3. N.Saran, R.Prasad: Elements of Vector Calculus (Fifth Edition), Pothishala Pvt.Ltd. 2016.

Scope:

Chapter 2: Article 1,2,3 [1]

Chapter 3: Article 1, 2,3,4,5 [1]

Chapter 5: Article 1,2,3,4 [1]

Chapter 6: Article 1,2,3,5,6,7 [1]

Chapter 5: Article 5.1, 5.2, 5.5 [2]

Chapter 1: Article 1.1, 1.2, 1.3, 1.32, 1.61, 1.62,1.63, 1.64 [3]

Chapter 2: Article 2.1,2.11,2.2,2.21, 2.22, 2.23,2.3, 2.31, 2.33, 2.4,2.41, 2.5,2.51 [3]

Reference Books:

1. Gorakh Prasad: Differential Calculus (Revised Edition), Pothishala Pvt. Ltd., 2018.
2. Shanti Narayan and P.K. Mital: A Text Book of Vector Calculus, S.Chand and Company Ltd. New Delhi.



B.A./B.Sc. First Year

Semester-II

MAT- 201: Number Theory

(No. of Periods: 60, Max. Marks: 50)

Course Description: This course provides an elementary knowledge of divisibility, primes, congruences, number theoretic functions and Diophantine equations.

Course Objective: A primary objective of the course is to learn elementary knowledge of number theory.

Course Outcomes: At the end of course, students will be able to

- Evaluate the greatest common divisor and solve Diophantine equations
- Understanding of divisibility concepts, prime numbers and usefulness of congruences
- Use the results to solve problems

Unit-I: Divisibility

Introduction, Divisibility, Primes (Theorem 1.19 Statement only) (15 Periods)

Unit-II: Congruences

Congruences, Solution of Congruences, The Chinese Remainder Theorem.

(20 Periods)

Unit-III: Some Functions of Number Theory

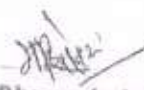
Greatest Integer Function, Arithmetic Functions, The Mobius Inversion Formula.

(15 Periods)

Unit-IV: Some Diophantine Equations

The equation $ax+by=c$, Simultaneous Linear Equations.

(10 Periods)


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Recommended Text Books:

1. Ivan Niven, Herbert S. Zuckerman, H.L.Montgomery : An Introduction to The Theory of Numbers (Fifth Edition) Wiley India Pvt. Ltd., New Delhi (Reprint 2016).

Scope:

Chapter 1: Article 1.1, 1.2, 1.3 (Theorem 1.19 statement only)


Chapter 2: Article 2.1 (Lemma 2.13, Lemma 2.14, Theorem 2.15 Statements only), 2.2, 2.3

Chapter 4: Article 4.1 (Theorem 4.2 statement only), 4.2, 4.3

Chapter 5: Article 5.1, 5.2.

Reference Books:

1. J.S.Chahal: Topics in Number Theory, Plenum (New York),1988.
2. David M. Burton: Elementary Number Theory, McGraw-Hill (2005).
3. William J. LeVeque: Fundamentals of Number Theory, Dover Publications, 2014.
4. S.B.Malik: Basic Number Theory (Second Edition) Vikas Publishing House, New Delhi,1998.
5. J.H.Silverman: A Friendly Introduction to Number Theory, Pearson Education India, (Fourth Edition) 2014.


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B.A./B.Sc. First Year

Semester II

MAT-201: Integral Calculus (MAT-202)

(No. of Periods: 60, Max. Marks: 50)

Course Description: This course provides the methods of finding integration, concept of integral, vector integration and its applications

Course Objectives: The main objective of the course is to study methods of finding integration and apply it to evaluate line integral, volume integral and surface integral.

Course Outcomes: After successful completion of the course student will be able to:

- Apply method of integration to find the integral of function
- Find the area, surface and volume of given shape

Unit-I: Integration of Rational and Irrational Algebraic Fractions

Rational fractions, Non-repeated linear factors in the denominator, Repeated linear factors, General Case, Integration of $\frac{1}{ax^2+bx+c}$, Integration of $\frac{(px+q)}{ax^2+bx+c}$, Integration of $\frac{1}{(x^2+k)^n}$, Integration of $\frac{(px+q)}{(ax^2+bx+c)^n}$, Some special cases, Integration of $\frac{1}{\sqrt{(ax^2+bx+c)}}$, Integration of $\frac{(px+q)}{\sqrt{(ax^2+bx+c)}}$, Integration of $\frac{1}{(x-k)^r\sqrt{(ax^2+bx+c)}}$. (10 Periods)

Unit-II: Reduction Formulae

Definition, Reduction formulae for $\int \sin^n x dx$ and $\int \cos^n x dx$, Walli's formula, Reduction formula for $\int \sin^m x \cos^n x dx$, Trigonometrical transformations, Reduction formulae for $\int e^{ax} \sin^n bx dx$ or $\int e^{ax} \cos^n bx dx$. (10 Periods)

Unit-III: Definite Integrals and Rectification

The integral as the limit of sum, Integration from definition as the limit of a sum, Areas, Length of curves, Remarks, Intrinsic equations. (10 Periods)

Unit-IV: Volumes and Surfaces of Solids of Revolution

Definitions, Volumes of solids of revolution Cartesian form, volumes of revolution parametric form, Surface of solids of revolution Cartesian form, Surface of solids of revolution parametric form. (10 Periods)

Unit-V: Integral Transformations

Line integral, other types of line integrals, surface integral, other types of surface integral, evaluation of surface integrals, volume integral, conservative field, Gauss Divergence Theorem, Deductions from Gauss Theorem, Stoke's Theorem, More deductions from Gauss and Stokes's Theorem, Green's Theorems [Only statements]. (20 Periods)

Recommended Text Books:

1. Gorakh Prasad: Integral Calculus (Revised Edition), Pothishala Private Ltd., 2018.
2. N.Saran, R.Prasad: Elements of Vector Calculus (Fifth Edition) , Pothishala Private Ltd., 2016.

Scope:

Chapter 2: 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 [1]

Chapter 3: 3.2, 3.3, 3.4 [1]

Chapter 4: 4.1, 4.2, 4.3, 4.4, 4.6, 4.10 [1]

Chapter 5: 5.4, 5.5, 5.7 [1]

Chapter 9: 9.1, 9.2, 9.3 [1]

Chapter 10: 10.1, 10.2, 10.3, 10.5, 10.6 [1]

Chapter 3: 3.1, 3.11, 3.2, 3.21, 3.22, 3.3, 3.4 [2]

Chapter 4: 4.1, 4.2, 4.3, 4.31, 4.4, 4.41, 4.42, 4.43 [2]

Reference Books:

1. Shanti Narayan and P.K. Mital: Integral Calculus, S.Chand & Company Ltd. New Delhi, Reprint 2005.
2. Shanti Narayan and P.K. Mital: A Text Book of Vector Calculus, S.Chand and Company Ltd. New Delhi.

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B.Sc. First Year Semester -- I
Paper I .Fundamentals of Microbiology

Unit - 1

1 Scope & relevance of Microbiology

- i) Definition & concepts
- ii) Types of microorganism
- iii) Distribution of microorganisms in nature

2. Development of Microbiology as a Scientific Discipline

- i) Early observation of microorganisms
- ii) Spontaneous generation conflict : Contribution of scientists
- iii) Recognition of the microbial role in diseases. Koch's postulates
- iv) Recognition of microbial role in fermentations.
- v) Discovery of microbial effects on organic and inorganic matter.
- vi) Pure culture concept.
- vii) Aseptic surgery

Unit – 2 General characteristics of microorganisms.

2.1 General principles (Bacteria)

- i) Taxonomic rank
- ii) Classification system
- iii) Numerical taxonomy
- iv) Major characteristics used in taxonomy. Morphological, Physiological, Immunological, Metabolic, Etiological. Compositions of proteins, composition of nucleic acids, hybridization, nucleic acid sequencing, identification of organisms based on 16srRNA sequencing, 16S rDNA sequencing
- v) Bergey's manual of systematic Bacteriology, General characteristics enlisting all parts with major characters & examples. (Vol I to IV)

Unit – 3 General characteristics of Microorganisms

- 3.1 Structure, Reproduction (Lytic & Lysogenic cycle)classification of Viruses.(LHT system)
- 3.1 General characters of Fungi (including yeasts)
- 3.2 General characters of Actinomycetes
- 3.3 General characters of Algae
- 3.4 General characteristics of Mycoplasma and Rickettsia.
- 3.5 General characteristics of Archaeobacteria

Unit – 4

- 4.1 Microscopy
 - i) Definitions : Magnification, resolving power, depth of focus, focal length, numerical aperture.
 - ii) Objectives Low , high & oil immersion.
 - iii) Oculars : function, Huygenian, Ramsden, Hyperplane & compensating.
 - iv) Condensers ; Abbe, variable focus condiod, parabolic & their functions.
 - v) Iris diaphragm.
- 4.2 Principles, construction using ray diagram, application and comparative study of :
 - i) Compound Microscope
 - ii) Electron Microscope – SEM, TEM
- 4.3 Principles, ray diagram & applications.
 - i) Phase contrast microscope.
 - ii) Dark field microscope.
 - iii) Fluorescent microscope.
 - iv) Advanced applications of microscopes.

Semester – I Paper II

Microbiological Techniques & General Microbiology

Unit – 1 Stains and dyes.

- i) Definition : stain, dye, chromogen, chromophore, auxochrome, acidic and basic stains, simple and differential staining. (Gram's and Acid fast staining) , natural stains, mordant, decolourizer, counter stains.
- ii) Physicochemical basis of staining.
- iii) Fixatives and fixation of smears.
- iv) Staining of Fungi.
- v) Principle, application and methodology of Negative, Monochrome and Grams Staining

Unit – 2 Cultivation of microorganisms.

- i) Properties of a good culture medium.
- ii) Definition, concept, use and types of different culture media . Synthetic, non synthetic, natural, selective, differential, enriched , enrichment, assay, minimal, maintenance, and transport media.
- iv) Role of Buffers in culture media.
- v) Media used for cultivation of bacteria , fungi, actinomycetes, yeasts, algae and photosynthetic bacteria. (at least two)

Cultivation of anaerobes

- i) Principle and examples.
- ii) Methods (at least 2)

Unit – 3

Microbiological Techniques

1. Pure culture techniques

- i) Development of pure culture
- ii) Aseptic techniques, streak, pour and spread plate methods, single cell isolation.
- iii) Significance

2. Sterilization techniques

- i) Pattern of Microbial death – concepts.
- ii) Sterilization by physical methods
 - High temperature, canning and pasteurization.

- Low temperature.
- Non ionizing and ionizing radiations.
- Bacteriological filters.
- iii) Disinfection by chemical means;
Disinfectants and antiseptics:
Effectiveness, mode of action & application.
Phenolics, alcohols, halogens, heavy metals, quaternary ammonium compounds, aldehydes.
- iv) Sterilization using gases
sulfur dioxide, ethylene oxide, Beta propiolactone.

Unit – 4 Structural Organization of microorganisms.

A) Fundamental categories of microorganisms.

- i) Prokaryotic & Eucaryotic cell concepts and differential account

B) Role of microorganisms:

- 1.1 In agriculture : As biofertilizers, bioinsecticides, in soil improvement (texture , water holding capacity) as geochemical agents, microbe plant interactions (phyllosphere, rhizosphere, mycorrhizal and nodule formation). Plant diseases : list of common plant diseases with their causative agents.
- 1.2 In human and animal health : list of common bacterial, rickettsial , fungal and viral diseases.(with causative agents) in human beings, role of normal flora of human body, antibiotics, vaccines and antisera.
- 1.3 In industries : list of microbial products (and producers) produced on industrial scale, role of contaminants.
- 1.4 In food processing : list of common fermented food & milk products with their representative organisms. Food spoilage, list of organisms causing changes in texture, colour, aroma, taste & nutritional value of the food products. List of food poisoning & food infection causing microorganisms.

**B.Sc. First Year
Semester II**

Paper V Cytology and general Microbiology

- Unit – 1 :**
1. **Bacterial morphology and ultra structure.**
 - 1.1 Cytology of a typical bacterial cell.
 - i) Morphology – size and arrangement of bacterial cells.
 - ii) Structure ,chemical compositions and functions of :
 1. Capsule and slime layer
 2. Cell wall : Gram positive and Gram negative bacteria
 3. Unit membrane
 4. Flagella : Arrangement, mechanism of flagellar movement, Chemotaxis, phototaxis, Magnetotaxis.
 5. Pili
 6. Ribosomes.
 7. Nuclear material, Mesosome
 8. Reserved food material: Poly beta hydroxy butyric acid granules, glycogen and polyphosphate granules.
 - 1.2 Bacterial cell division
 - i) Binary fission
- Unit – 2**
- Nutritional Requirements**
- i) Concept.
 - ii) Common nutritional requirements – Energy sources, C, N, P, O,S, micronutrients, growth factors, water etc.
 - iii) Classification on the basis of carbon and energy
- Bacterial growth**
- i) Concept of Growth
 - ii) Definition
 - iii) Bacterial growth curve
 - iv) Phases of growth
 - v) Mathematics of growth
 - vi) Diauxy
 - vii) Factors influencing bacterial growth (temp, pH, oxygen and nutrients).
 - viii) Synchronous growth
 - ix) Continuous culture
 - x) Measurement of bacterial growth

Unit – 3 Microbial Physiology

1. Endospore – types, sporulating bacteria ,architecture of endospore, sporulation process , germination process.

2. Uptake of nutrients

- i) Passive diffusion
- ii) Facilitated diffusion
- iii) Active transport mechanism.
- iv) Group translocation
- vi) Uptake of amino acids and metals

3. Anaerobic respiration :

NO_3 , SO_4 and CO_2 as electron acceptors.

4. Bacterial photosynthesis :

- i) Photosynthetic bacteria,
- ii) Photopigments and associated carriers,
- iii) Photosynthetic apparatus and its mechanism
- iv) Cyclic and non cyclic photophosphorylation ,
- v) Calvin cycle, and reductive carboxylic acid cycle for CO_2 fixation.
- vi) Differences between bacterial and plant photosynthesis.

Unit – 4 Advances in Microbiology

- a) Genetic engineering.
- b) Bioinformatics
- c) Nano biotechnology
- d) Bioaugmentation
- e) Biostatistics
- f) Enzymes and cell immobilization

Semester II

Paper VI. Basic Biochemistry

Unit – 1 Carbohydrates

- i) Definition and classification.
- ii) Properties –optical and chemical.
- iii) Structure of glucose: ring structure, Haworth & fisher's projection, pyranoses , furanoses, isomers, mutarotation.
- iv) Triose, pentose, hexose, heptoses - examples & structures.
- v) Derived monosaccharides: glycosides, furano acids, sugar phosphates, uronic acids, sugar alcohol.
- vi) Disaccharides , glycoside linkage, lactose, maltose, sucrose.
- vii) Oligosaccharides – Trisaccharides, structure of raffinose.
- viii) Polysaccharides – Homo and heteropoly saccharides ,structures starch, cellulose, mucopolysacchrides.
- ix) Biological significance

Unit – 2

Lipids

- i) Classification simple compounds.
- ii) Chemistry of fatty acids, unsaturated and saturated fatty acids, triglycerides, saponification alkyl ether phospho glycerides , sterols, cholesterol , protaglandins, glycol lipids.
- iii) Function of lipids.

Unit – 3

Proteins

- i) Classification based on properties of solubility & heat. coagulability. Fibrous, globular proteins and functions.
- ii) Protein structures ; conformation & configuration ,primary structure determination, secondary structure π - helix & β - pleated sheet, tertiary & quaternary structure.
- iii) Classification of amino acids : based on acid – base properties.
- iv) Properties of amino acids – solubility, ampholyte, Zwitterions isoelectric pH .
- v) Peptide bonds – Concepts of biological peptide bond formation, types.
- vi) Enzymes – Concepts, definition, nature , active site, properties, physico-chemical factors contributing to catalytic efficiency of enzymes

Unit – 4

Nucleic acids

- i) Structure of nitrogen bases & base pairing.
 - ii) Structure of nucleosides & nucleotides, ribose, deoxyribose sugars.
 - iii) DNA : properties, forms , structure, function as genetic material.
Types of DNA
 - iv) RNA : Structure, function, types (r-RNA, m-RNA, t-RNA)
 - v) Comparative account of DNA & RNA.
- pH & buffers.** pH titration curve, P_K value.

B.Sc. First Year Semester I
Paper III .Practical

- 1) Microscopy :
 - i) Different parts of a compound microscope.
 - ii) Use and care of compound microscope .
 - iii) Visit to see an electron microscope .
- 2) Construction , operation and utility of laboratory equipments
 - i) Autoclave
 - ii) Hot air oven
 - iii) Incubator
 - iv) pH meter
 - v) High speed centrifuge
 - vi) Colorimeter/ spectrophotometer
 - vii) Anaerobic jar
 - viii) Bacterial Filters
 - ix) Laminar air flow.
- 3) Demonstration of presence of bacteria from – soil/ water/ air/ milk
- 4) Demonstration of yeast, fungi, actinomycetes, algae, protozoa

Paper IV .Practical

- 1) Microscopic examination of bacteria:
 - i) Monochrome staining
 - ii) Negative Staining
 - iii) Gram's Staining
- 2) Hanging drop technique to demonstrate bacterial motility
- 3) Micrometry
- 4) Qualitative tests for:
 - i) Carbohydrates – Benedict's test.
 - ii) Protein – Biuret test.
 - iii) Nucleic acid – Diphenylamine(DNA) and orcinol (RNA)tests

B.Sc. First Year Semester II

Paper VII Practical

- 1) Structural staining –
 - ◆ Bacterial flagella by Patel, Kulkarni and Gaikwad method
 - ◆ Capsule staining – Maneval's method.
 - ◆ Cell-Wall staining- Chance's method.
 - ◆ Spore staining.– Schaefer & Fulton's method.
 - ◆ Lipid (PHB) granule staining- Burdon's method.
 - ◆ Metachromatic granule staining- Albert and Neusser's method.
 - ◆ Preparation of culture media.
 - i) Nutrient broth and agar
 - ii) MacConkeys broth and agar..
 - iii) Sugar media
 - iv) Potato dextrose agar
 - v) Blood agar
 - vi) Photosynthetic bacterial growth medium
- 2) Sterility checks for Autoclaving

Paper VIII

- 1) Isolation of microorganisms from :
 - i) Air
 - ii) Water
 - iii) Soil
 - iv) Milk
- 2) Isolation of bacteria from mixed cultures (streak plate method)
- 3) Cultivation of Anaerobes
- 4) Effect of physical and chemical agents on growth of bacteria.
 - i) pH
 - ii) Temperature.
 - iii) Heavy metal ions (oligodynamic action)
 - iv) UV rays.
 - v) Antibiotics.

B.Sc. First Year Semester II

Paper VII Practical

1) Structural staining -

- ◆ Bacterial flagella by Patel, Kulkarni and Gaikwad method
- ◆ Capsule staining - Maneval's method.
- ◆ Cell-Wall staining- Chance's method.
- ◆ Spore staining - Schaefer & Fulton's method.
- ◆ Lipid (PHB) granule staining- Burdon's method.
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- ◆ Preparation of culture media.

- i) Nutrient broth and agar
- ii) MacConkeys broth and agar.
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- iv) Potato dextrose agar
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Paper VIII

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4) Effect of physical and chemical agents on growth of bacteria.

- i) pH
- ii) Temperature.
- iii) Heavy metal ions (oligodynamic action)
- iv) UV rays.
- v) Antibiotics.

Sh
DR. Md. Shaleh
Chairman B.Sc. Ist yr
S

B. Sc. I Year Physics (Semester-I)
(Mechanics and Properties of Matter)
Course Code – Phy111 **Paper – I**

Periods – 45

Marks – 50

1. Mechanics: -

13 periods

Newton's law of Gravitation (Statement only) , Gravitational Field , Gravitational Potential, Gravitational Potential of mass, Gravitational potential and field due to spherical shell and solid sphere (at a point, outside , inside and on the surface).

Compound Pendulum- expression of time period, Interchangeability of centre of suspension and oscillation, Kater's Pendulum.

2. Elasticity: -

10 periods

Introduction , Stress and Strain, Hook's law and Coefficient of elasticity, Young's modulus, Bulk modulus, Modulus of rigidity, Twisting couple on a cylinder, Bending of Beam – Bending moment, cantilever loaded at free end – (a) When weight of beam is ineffective, (b) When weight of beam is effective, Depression of Beam supported at centre

3. Viscosity

12 Periods

Introduction, Concept of viscous force and viscosity, Coefficient of viscosity, Steady and Turbulent flow, Reynolds number, Equation of continuity, energy of liquid in motion, Bernoulli's Theorem, practical applications: (i) Law of hydrostatic pressure (ii) Filter pump.

4. Surface Tension

10 Periods

Introduction, Angle of contact, Factors affecting surface tension Difference of pressure across a curved surface, Determination of S.T. by Jaeger's method, Applications of surface tension.

References:-

- 1) Elements of Properties of Matter – D. S. Mathur
(S. Chand , 11 th edition , 1992)
- 2) Physics for Degree students – C. L. Arora and P.S.Heme
(S. Chand , 1 st edition 2010)
- 3) Mechanics and Electrodynamics – Brijlal ,N. Subrahmanyam , Jivan Seshan

(S.Chand , 7 th edition)

- 4) Concepts of Physics: H. C. Verma, BharatiBhavan Publisher.
- 5) University Physics : Sears and Zeemansky, XIth/XIIth Edition, Pearson Education.

18

B. Sc. 1 Year Physics (Semester-I)
(Heat and Thermodynamics)
Course Code – Phy112 **Paper – II**

Periods – 45

Marks – 50

1) Thermometry and Thermal Conductivity:

10 periods

Types of thermometers, Principle of thermometry, centigrade and Fahrenheit scale, Transference of heat, Coefficient of thermal conductivity, Rectilinear flow of heat along a metal bar, Methods of radial flow of heat-(i)spherical shell method and (ii)Flow of heat along the wall of a cylindrical tube, comparison of conductivities of different metals.

2) Real Gases

10 periods

Introduction, Equation of state Reason for modification of gas equation, Van der Waals equation of state, Zeroth law of thermodynamics, comparison with experimental curves, critical constants, constants of Van der Waals equation.

3) Transport phenomena–

12 periods

Introduction, Mean free path, sphere of influence, and expression for mean free path, variation of mean free path with temperature and pressure, transport phenomena, viscosity, Thermal conductivity (their interrelationship, dependence on temperature and pressure).

4) Thermodynamics: -

13 periods

Adiabatic process, Adiabatic equation of a perfect gas, Isothermal process, Indicator diagram, work done during isothermal process and adiabatic process, reversible and irreversible process, Second law of thermodynamics. (Kelvin and Clausius statement), Heat engines, Carnot's ideal heat engine, Carnot's cycle (work done and Efficiency).

Reference Books:-

- 1) Heat Thermodynamics and Statistical Physics - Brijlal, N.Subrahmanyam, P.S. Heme (S.Chand, 2007 Edition) .
- 2) Text Book of Heat and Thermodynamics–J. B. Rajam, C.L. Arora (S. Chand, 9th Edition)
- 3) Heat and Thermodynamics– S. S. Singhal, J. P. Agarwala, S.Prakash (Pragati Prakashan)
- 4) Thermodynamics & Statistical physics-S. L. Kakani

(19)

**B. Sc. I Semester
Physics paper III (Phy113)
List of experiment**

1. Study and use of various measuring Instruments
 1. Vernier caliper 2. Micrometer Screw Gauge 3. Travelling Microscope
 4. Spherometer 5. Spectrometer information about source and their wavelengths.
2. Determination of acceleration due to gravity by Kater's pendulum
3. Y by bending of a beam loaded at center.
4. Determination of Y by Cantilever (Oscillation method)
5. η by Maxwell's needle.
6. Determination of " Y " and " η " by flat spiral spring.
7. Viscosity measurement by Poiseuille's method.
8. S.I. by Jaeger's method.
9. Study of Solar constant.
10. Study of thermal conductivity by Lee's method

Note: - At least six experiments should be performed.



Learning Outcomes:

On successful completion of this course learner will be able to.....

1. Understand the concepts of Physical and Geometrical optics.
2. Familiarize with optical instruments and lens aberrations.
3. Comprehend interference and diffraction of light.
4. Understand polarization of light.
5. Know the concepts of the electric force, electric field and electric potential for stationary charges.
6. Able to calculate electrostatic field and potential of charge distributions using Coulomb's law and Gauss's law.
7. Understand the dielectric phenomenon and effect of electric field on dielectric.
8. Learn magnetic field for steady currents using Biot-Savart and Ampere's Circuital laws.
9. Study magnetic materials and its properties.
10. Demonstrate quantitative problem-solving skills in all the topics covered.

42

B. Sc. I Year Physics (Semester-II)
(Geometrical and Physical Optics)
Course Code – PHY-211
Paper – IV

Periods – 45

Marks – 50

1) Optical system and Cardinal points: -

10 periods

Conjugate points, planes and distances, Lateral magnification, Longitudinal magnification and Angular magnification, Cardinal points of optical system - Focal points, Principal points, Nodal points and corresponding planes, coaxial lens system - equivalent focal length and cardinal points.

2) Optical instruments: -

12 periods

Lens Aberrations - Monochromatic and Chromatic, Field of view, Stops and pupils, Objective and eyepiece, Need of multiple lens eye piece, Huygens's Eyepiece, Ramsden's eyepiece.

3) Interference and Diffraction: -

12 periods

Interference: Newton's rings, Determination of wavelength of sodium light, Michelson's Interferometer - Idea of form of fringes (No theory required), determination of wavelength and difference in wavelength.

Diffraction: Types of diffraction, Fraunhofer diffraction due to single and double slit, Plane diffraction grating, Determination of wavelength by plane diffraction grating (Normal incidence), Rayleigh's criterion for resolution, Resolving power of telescope and grating.

4) Polarization: -

11 periods

Polarized and unpolarized light, Malus law, Brewster's law, Double refraction, Huygens's theory of double refraction in uniaxial crystal, Nicol prism, Optical activity, Fresnel's explanation of optical rotation, specific Rotation, Laurentz's half shade polarimeter.

Reference Books:-

- 1) Fundamentals of Optics, F.A. Jenkins and H.E. White, 1981, McGraw-Hill
- 2) A text book of optics- Brijlal and Subrahmanyam(S.Chand & Co.)
- 3) Optics and Spectroscopy - R.Murugesan, K.Sivaprasath(S.Chand, 7th Revised Edition)

90

- 4) Optics(Second Edition) - A.K.Ghatak
- 5) Geometrical & Physical Optics - D.S.Mathur
- 6) Optics and Atomic Physics- D.P.Khandelwal (Himalaya Publishing House)
- 7) Geometrical and Physical Optics, P K Chakraborty, New Central Book Agency

23

B. Sc. I Year Physics (Semester-II)
Course Code – PHY-212 (Electricity and Magnetism)

Paper – V

Periods – 45

Marks – 50

1. Vector Algebra: -

15 periods

Scalar and vector product, scalar triple product and its geometrical interpretation, vector triple product, gradient, divergence and curl and its physical interpretation, line, surface and volume integrals, Gauss divergence theorem and Stoke's theorem.

2. Electrostatics: -

10 periods

Coulomb's Law, Electric field, field due to a point charge, flux of electric field, Gauss's law (with proof), Differential form of Gauss law, electric potential, potential due to a point charge, Potential and field due to electric dipole.

3. Dielectrics: -

08 periods

Dielectric, polar and non-polar molecules, dielectric polarization, Gauss's law in dielectrics, Relation between D, E and P, molecular field in a dielectric (Clausius-Mossotti relation).

4. Magnetostatics: -

12 periods

Magnetic field, Magnetic induction, Magnetic flux, Biot-Savart law, Magnetic induction due to straight conductor carrying current and circular coil, magnetic induction on the axis of solenoid, Ampere's Law, Differential form Ampere's Law, Moving coil ballistic Galvanometer- expression for charge.

References:

1. Mathematical Methods in Physics- D. Biswas (New central book agency, 2009 edition).
2. Electricity and Magnetism- R. Murugesan (S. Chand, 2008 edition).
3. Electrodynamics- Gupta, Kumar, Singh (Pragati Prakashan, Meerut, 18th edition, 2005)

24

4. Foundations of Electromagnetic theory- Reitz, Milford, Chirstey III^d edition.
5. Fundamentals of Physics- Halliday Resnik and Walkar, 8th Edition.
6. Electromagnetics- B. B. Laud.
7. Electricity and Magnetism- BrijLal, Subramanyan, RatanPrakashan (Revised edition, 1997).
8. Electricity and Magnetism- Edward M. Purcell, 1986, McGraw-Hill Education.
9. Electricity and Magnetism- D C Tayal, 1988, Himalaya Publishing House.

25

B. Sc. II Semester
Physics paper VI (PHY-221)
List of experiment

1. Use of multimeter for measuring voltage, current and resistance.
2. Determination of dielectric constant of liquid / solid.
3. I-H curve.
4. Field along the axis of circular coil.
5. Determination of wavelength of light by Newton's rings.
6. Resolving power of telescope.
7. Specific rotation by Laurent's half shade polarimeter.
8. λ by grating (normal incidence)
9. Determination of frequency of AC mains by sonometer
10. Comparison of capacitor using De'Sauty's method
11. Measurement of constants of B. G.

Note: - At least six experiments should be performed.

Curriculum for Semester I (w.e.f. Academic Year 2022-23)

B. Sc. I Year (Theory) Semester - I

BOT 111 Paper I (Diversity of Cryptogams - I)

Lectures – 45

Total Credits – 2

Unit - 1

Environment & sustainability.

Credit – 0.4

- ✓ 1.1 **Viruses:** General characters, classification based on host, economic importance, TMV – structure and multiplication (03)
- 1.2 **Mycoplasma:** General characters (Little leaf of Brinjal) (01)
- ✓ 1.3 **Bacteria:** General characters, ultra-structure, classification based on shape, reproduction, economic importance, Citrus Canker. (05)
- ✓ 1.4 **Cryptogams:** General characters, classification according to G.M. Smith up to class level (01)

Unit – 2

Credit – 0.7

- 2.1 General characters, classification according to F.E. Fritsch (1935) up to the class level, and economic importance of Algae (02)
- 2.2 Systematic position, occurrence, structure, reproduction (excluding development of sex organs) and graphic life cycle with respect to following types:
- a) Cyanophyceae – *Nostoc* (02)
- b) Chlorophyceae – *Chara* (03)
- c) Xanthophyceae – *Vaucharia* (02)
- d) Phaeophyceae – *Sargassum* (03)
- e) Rhodophyceae – *Batrachospermum* (03)

Unit – 3

Credit -0.7

- 3.1 General characters, classification according to Alexopoulos and Mims (1979) up to the class level, Economic importance of Fungi. (04)
- 3.2 Systematic position, occurrence, structure, reproduction and graphic life cycle with respect to the following types:
- a) Oomycetes – *Albugo* (02)
- b) Zygomycetes – *Mucor* (02)
- c) Ascomycetes – *Eurotium* (02)
- d) Basidiomycetes – *Agaricus* (03)
- e) Deuteromycetes – *Cercospora* (02)
- 3.3 Lichen: Types of Lichens, *Usnea*, Economic Importance of Lichens. (03)

Unit – 4

Credit -0.2

Continuous Internal Assessment (CIA): Tutorials and Assignments (5)

Note: Internal assessment lectures should be used to assess student's credibility and knowledge of the above topics. Conduct two internal tests of five marks and average it for 5 marks and Assessment or Tutorials for 5 marks. In assessment you are free to use different assessment methods.

B. Sc. I Year (Theory) Semester - I
BOT 112 Paper - II (Morphology of Angiosperms)

Lectures – 45

Total Credits - 2

Unit – 1

Credits:01

1.1- Basic body plan of flowering plant, modular type of growth, diversity of plant forms - Herbs, Shrubs, Trees, Climbers; annuals, biennials and perennials. (04)

1.2 Morphology of vegetative organs:

a) **Root:** Characteristics, functions, regions of root, types – tap roots and adventitious roots, modification of root for storage, mechanical support and vital functions. (05)

b) **Stem:** Characteristics, functions, modification – underground, sub-aerial and aerial (05)

c) **Leaf:** Parts of typical leaf, phyllotaxy, types (simple and compound), diversity in shape and size, venation and modifications of leaf. (09)

Unit – 2

Credits: 01

Morphology of reproductive organs:

2.1 **Inflorescence:** Racemose, Cymose and special types (05)

2.2 **Flower:** Definition, Parts of typical flower, structure, function and modification of calyx, corolla, androecium, gynoecium, aestivation and placentation (12)

2.3 **Fruit:** Types of fruits (03)

2.4 **Fruit and Seed dispersal strategies.** (02)

Unit – 3

Continuous Internal Assessment (CIA): Tutorials and Assignments (5)

Note: Internal assessment lectures should be used to assess student's credibility and knowledge of the above topics. Conduct two internal tests of five marks and average it for 5 marks and Assessment or Tutorials for 5 marks. In assessment you are free to use different assessment methods.

Curriculum for Semester II (w.e.f. Academic Year 2022-23)

B. Sc. I Year (Theory), Semester-II BOT 211 Paper - III (Diversity of Cryptogams - II)

Lectures – 45

Total Credits - 2

Unit- 1	Credit -0.8
1. Bryophytes:	
1.1 General characters of bryophytes, classification as per G. M. Smith	(02)
1.2 Systematic position, structure, reproduction (excluding developmental stages) and alternation of generation of the following types:	
a) <i>Marchantia</i>	(05)
b) <i>Anthoceros</i>	(04)
c) <i>Funaria</i>	(04)
1.3 Economic Importance of Bryophytes	(02)
Unit 2	Credits -1.2
2. Pteridophytes:	
2.1 General characters of Pteridophytes, classification as per G. M. Smith	(03)
2.2 Systematic position, structure and reproduction (excluding developmental stages) and alternation of generations of the following types:	
a) Fossil Type- <i>Rhynia</i>	(02)
b) Psilopsida – <i>Psilotum</i>	(02)
c) Lycopsida – <i>Lycopodium</i> , <i>Selaginella</i>	(10)
d) Sphenopsida – <i>Equisetum</i>	(04)
e) Pteropsida – <i>Marsilea</i>	(05)
2.3 Stellar Evolution in Pteridophyta	(02)
Unit – 3	
Continuous Internal Assessment (CIA): Tutorjals and Assignments	(05)
Note: Internal assessment lectures should be used to assess student's credibility and knowledge of the above topics. Conduct two internal tests of five marks and average it for 5 marks and Assessment/Tutorjals for 5 marks. In assessment you are free to use different assessment methods.	

B. Sc. I Year (Theory), Semester – II
BOT 212 Paper - IV (Histology, Anatomy and Embryology)

Lectures – 45

Total Credits - 2

Unit – 1

Credit – 0.7

Histology:

1.1 Types of tissue:

- a) Meristematic tissue – Meristem, structure and types based on origin and position. (03)
- b) Permanent tissues: Simple, Complex and Secretory (05)
- c) Epidermal tissues: Types with examples Trichomes and Stomata (04)
- 1.2 Histological organization of root and shoot apices (03)
- 1.3 Various theories of cellular organization (03)

Unit – 2

Credit -0.7

Anatomy:

- a) Primary structure of root, stem and leaf of Monocot (Maize) and Dicot (Sunflower) (06)
- b) Secondary growth in root and stem of Dicot (Sunflower) (03)
- c) Anomalous secondary growth in *Dracaena* (01)
- c) Wood anatomy: Growth rings, heart wood and sap wood (02)
- d) Periderm: Origin, structure and functions. (02)

Unit – 3

Credit -0.6

Embryology:

- a) Structure of anther, microsporogenesis and development of male gametophyte (02)
- b) Structure and types of ovule, megasporogenesis and development of female gametophyte (*Polygonum* type). (03)
- c) Pollination -Mechanism, types and agencies. (02)
- d) Double fertilization and its significance (01)
- e) Development of Dicot embryo (Crucifer type). (01)
- f) Structure, development and types of endosperm. (02)
- g) Structure of Dicot and Monocot seed types of seed germination (02)

Unit – 4

Continuous Internal Assessment (CIA): Tutorials and Assignments (05)

Note: Internal assessment lectures should be used to assess student's credibility and knowledge of the above topics. Conduct two internal tests of five marks and average it for 5 marks and Assessment/Tutorials for 5 marks. In assessment you are free to use different assessment methods.

B. Sc. I Year (Practical), Semester - II

Lab Course II, BOT 221

(Based on BOT 211 & 212, Theory Papers – III and IV)

Lectures – 45

Credits – 1.5

Practical through temporary mounting, permanent slides, charts, models, photographs, and audiovisual aids

1. Bryophyte: *Marchantia*
2. Bryophyte: *Anthoceros*
3. Bryophyte: *Funaria*
4. Rhynia image study
5. Pteridophyte: *Psilotum*, *Lycopodium*
6. Pteridophyte: *Selaginella*
7. Pteridophyte: *Equisetum*
8. Pteridophyte: *Marsilea*

9. Internal Assessment

10. Simple and Complex permanent tissue
11. Secretory and Epidermal tissues (Trichomes and Stomata)
12. Double stained permanent slide preparation of Dicot (Sunflower) and Monocot (Maize) root
13. Double stained permanent slide preparation of Dicot (Sunflower), Monocot (Maize) stem
14. Double stained permanent slide preparation of *Dracaena* stem
15. Double stained permanent slide preparation of Dicot (Sunflower) & Monocot (Maize) leaf
16. Anatomy of anther, Ovule and seed

17. Internal Assessment

Continuous Internal Assessment (CIA): 07 marks for internal practical examination and 03 marks for Record Book / Submission of collection and field survey report / excursion report.

Note for Lab course: Candidate shall submit the following at the time of exam.

1. Certified laboratory course record book.
2. Field note book, excursion report / Tour report submission.
3. Collection of specimens from Bryophyte and Pteridophyte.

In addition to number of practical prescribed above, the students are required to undertake field excursions to the places of botanical interest and industrial places under the guidance of teacher. There shall be frequent study tours in local areas. T.A. and D.A. be paid to the teachers, peons and field collectors as per university rules. The record book is to be signed periodically by teacher in charge and certified by the Head of Department at the end of the term. Candidate should not be allowed to appear for practical examination without a certified record book or a certificate from the Head of Department.

Total Page
1 to 54
25/1/23

Circular file

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY



CIRCULAR NO.SU/Commerce&Management/B.Com/09/2022

It is hereby inform to all concerned that, on recommendation of the Faculty of Commerce & Management, in its meeting dated 06-04-2022 the Hon'ble Vice-Chancellor in his emergency powers under Section-12(7) of the Maharashtra Public Universities Act, 2016 has accepted the revised syllabus of **B.Com I, IInd and IIIrd year** under Choice Based Credit & Grading System on behalf of the Academic Council to be applied from the Academic Year 2022-2023 and onwards.

All concerned are requested to note the contents of this circular and bring notice to the students, teachers and staff for their information and necessary action.

University Campus,
Aurangabad-431 004.
REF.NO. SU/ COMMERCE/2022-23/
7206-16
Date:- 22-08-2022.

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[Signature]
Deputy Registrar,
Academic Section
Syllabus unit.



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 - 6] The In-charge, [E-Suvidha Kendra], Rajarshi Shahu Maharaj Pariksha Bhavan, Dr. Babasaheb Ambekar Marathwada University.
 - 7] The Public Relation Officer,
 - 8] The Record Keeper.

**DR. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
AURANGABAD.**



Curriculum of
B.COM.



BACHELOR OF COMMERCE

I, II & III YEAR

AFFILIATED COLLEGES

under Choice Based Credit & Grading System

[Effective from the Academic Year 2022-23 & onwards]

I, II

III

2022-23

2023-24

2024-25

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD

FACULTY OF COMMERCE

Syllabus - Bachelor of Commerce

Choice Based Credit System (CBCS) - 2018-2019 W.e.f Academic Year 2022-23

Semester & Credits	Core Course [04]	Ability Enhancement Compulsory Courses [AECC] [02]	Discipline Specific Elective [DSE] [01]
I Credit 28	1. Financial Accounting – I 2. Business Mathematics & Statistics-I 3. Business & Industrial Economics 4. I. T. Application in Business - I	1. English 4 2. Second Language 4	Elective Paper [Any One] 1. Entrepreneurship Development-I 2. Office Management
Total Credits =28	No. of Credits : 16	No. of Credits : 08	No. of Credits : 04

= 28
x 4

28



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30/07/2022
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Chairman BoS

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FIRST SEMSTER

Paper Number	Subject/ Title of the Paper	Course	Weekly		Credits		IA	UA	Total Marks	Duration of Theory Exam
			Th	Pr	Th	Pr				
I	Financial Accounting – I	Core Course	4	-	4	-	20	80	100	3 Hrs
II	Business Mathematics & Statistics-I	Core Course	4	-	4	-	20	80	100	3 Hrs
III	Business & Industrial Economics	Core Course	4	-	4	-	20	80	100	3 Hrs
IV	I.T. Application in Business – I	Core Course	2	2	2	2	-	50-TH	50	2 Hrs
								50-PR	50	2 Hrs
V	English	Ability Enhancement	4	-	4	-	20	80	100	3 Hrs
VI	Second Language	Compulsory Courses	4	-	4	-	20	80	100	3 Hrs
VII	1. Entrepreneurship Development – I 2. Office Management – I	Discipline Specific Elective [Any One]	4	-	4	-	20	80	100	3 Hrs
	Total		26	2	26 + 2 = 28		140	560	700	--

*IT Application in Business – Theory Paper Separate Head of Passing

*IT Application in Business – Practical Exam Separate Head of Passing



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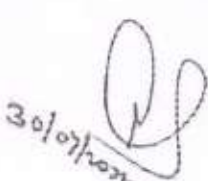



CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com. First Year (First Semester)
Financial Accounting-I


Theory-80
Practical/Sessional -20

Objectives: The course aims at acquainting the students with the emerging issues in business, Trade and commerce regarding recording, maintaining and presenting the accounting and financial facts.		
Unit No.	Contents	No. of Lectures
I	Book-Keeping and Accountancy: - <i>Professional ethical.</i> (Theory) Meaning, Definitions, Concepts, Objectives, Need, Scope, Classification, and Rules of Accounts, Accounting Cycle, Journal, Ledger, Balancing of Account.	12
II	Depreciation: - (Numerical) Annuity and Sinking fund Method	12
III	Final Account of Sole Trader: - (Numerical) Meaning and Importance, Preparation of Manufacturing Account, Trading Account, Profit and Loss Account and balance sheet, Adjustment.	12
IV	Hire purchase System & Installment Method:- (Theory on Hire Purchase & Numerical on Installment Method) Meaning, Calculations of Interest, Accounting for hire purchase transactions by Asset purchase method based on full cash price, Journal Entries, Ledger Accounts and Discloser in Balance sheet for hire and vendor.	12
V	Royalty Accounts: - (Numerical) Royalty, Minimum Rent, Short Workings, Recoupment of Short Working, Lapse of Short Working. Journal Entries and Ledger Accounts in the Books of Landlord and Lessee.	12
Internal Assessment : Test : 10 Marks Tutorial : 10 Marks		
References: 1. Advanced Accounting- M.C.Shukla. & S.P. Grewal (S. Chand & Co. Ltd.New Delhi.) 2. Advanced Accounting- S.M.Shukla. (Sahityabhavan, Agra.) 3. Accountancy- Mahurkar & Deshpande. 4. New Approach to Accountancy-H.R. Kotalwar. 5. Financial Accounting –S.N. Maheshwari & S. K. Maheshwari (Vikas Publication House Pvt.Ltd.)		
Journals: 1- The Chartered Accountant- Journals of the Institute of Chartered Accountant of India. 2- The Accounting World- ICAI Hyderabad.		
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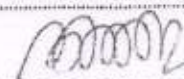

Prof. Kishor Salve
Chairman BoS

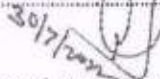

Prof. S.A. Ghumare
Chairman BoS

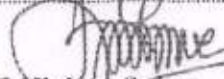
CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com. First Year (First Semester)
Business Mathematics and Statistics-I


Theory-80
Practical/ Sessional -20

Objectives: The Objective of this paper is to impart knowledge to students in order to improve their Logical Reasoning, Ability and Interpretation, Application of various statistical and Mathematical Tools and Techniques in making logical and scientific decisions in Business Operations.		
Unit No.	Contents	No. of Lectures
I	Introduction to Statistics: - (Theory) Meaning, Definition, Importance and Limitations of Statistics, Primary and Secondary Data, Methods of collecting primary data, sources of secondary data. Difference between Primary and Secondary data. Ways of collection of data: a) Complete enumeration b) Sample Method, seriation and Tabulation of statistical data	12
II	Measures of Central Tendency: - Professional ethics (Numerical) Introduction, definition, types of averages Mean, Median, and Mode: Computation of above Measures in Discrete series, continuous series, and cumulative Frequency. Distribution. (Less than and More than). Merits and Demerits of Mean, Median and Mode.	12
III	Measures of Dispersion & Skewness: - (Numerical) Introduction, Definition, Objectives of Measuring Dispersion, Mean Deviation and its coefficient. Standard deviation, its coefficient with its Co- variance. Skewness -Introduction, Definition, Objectives of Skewness, Measures of Skewness: Karl Pearson's Co-efficient of skewness.	12
IV	Determinants: - (Numerical) Definition, Cramer's Rule Determinant of second order, Determinant of Third Order. Properties of Determinants. Computation of Area of Triangle with the help of determinant. SARRU'S Rule for evaluating the determinant.	12
V	Matrices: - (Numerical) Meaning, Definition and types of Matrices. Operations of Matrices: Addition and subtraction; properties of addition and subtractions.	12
Internal Assessment : Test : 10 Marks Tutorial : 10 Marks		
References: 1) Statistics: S.P. Gupta (Sultan Chand & Sons New Delhi) 2) Fundamental of Statistics: D. N. Elhance (Kitab Mahal Allahbad) 3) Practical Problems in Statistics: Y.R. Mahajan 4) Statistics: Sancheti and Kapoor 5) Elementary Statistical Methods: Dr. S.P. Gupta, Sultan Chand & Sons. 6) Fundamentals of Statistics: D.N. Elhance, Kitab Mahal. 7) Statistics (Theory, Methods & Application), Dr. D.C. Sancheti, V.K. Kapoor, Sultan Chand & sons		


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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com. First Year (First Semester)
Business and Industrial Economics

Theory-80
 Practical/ Sessional -20

Objectives: This course is meant to acquaint the students with the principles of Business economics as are applicable in business

Unit No.	Contents	No. of Lectures
I	Introduction to Business Economics:- Meaning, Definition, Nature, Characteristics, Significance and Scope of Business Economics, Objectives of Business Firm.	12
II	Theory of Consumer Behaviour:- The indifference curve approach, meaning, definition, assumptions and properties of indifference curve, consumers equilibrium.	12
III	Elasticity of Demand:- Concept, measurement and determinants of elasticity of demand, Price elasticity, income elasticity and cross elasticity, Average Revenue, marginal Revenue, importance of Elasticity of demand, Demand forecasting Methods.	12
IV	Market Structures:- <i>Professional ethics</i> Market Structures and Business decisions, objectives of a business firm, Perfect Competition: Meaning, concept and features, Monopoly Meaning, concept and features. Securities Exchange Board of India (SEBI), Foreign Exchange Management Act (FEMA)	12
V	Factor Pricing:- Marginal productivity theory and demand for factors, nature of supply of factor inputs, determination of wage rate under perfect competition and monopoly, interest concept, theories of interest	12

Internal Assessment :

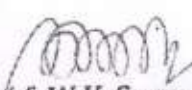
Test : 10 Marks


Tutorial : 10 Marks

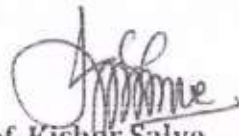
References:


1. Ahuja H.L. Business Economics : (S.Chand and Co. New Delhi.)
2. Koustsoyianni : A Modern Micro Economics : (Macmillan New Delhi)
3. D.M.Mithani, G.K.Murthy : Fundamentals of Business Economics, (Himalaya Publishing House Mumbai)
4. R. Kawari and Others: Managerial Economics. (S.chand and Co.New Delhi.)
5. G.N.Zambre : Business Economics : (Prinplapure Publishers Nagpur.)
6. Nellis and Parker : The Essence of Business Economics, (Prentice Hall, New Delhi.)
7. Stigler G. The Theory of Price.(Prentice Hall New Delhi.)
8. V.G. Mankar : Business Economics,(Himalaya Publishing House, Mumbai.)

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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23

B.Com. First Year (First Semester)

I.T. Application in Business - I

Theory-50

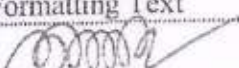
Practical/ Sessional -50

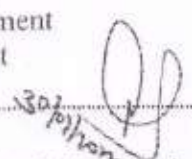
Objectives: To provide computer skills and knowledge for commerce students and to enhance the Students understand of usefulness of information technology tools for business operations.


Unit No.	Contents	No. of Lectures
I	<p>Computer Codes and Languages: Source Code, Machine/Binary Code, Mnemonic Opcode, Byte/Object Code, BCD, EBCDIC, ASCII, Language Translator-Interpreter & Compiler, High Level, Low Level, Assembly language, Computer Arithmetic: Number System, Binary, Octal, Hexadecimal, Decimal, Conversion from one base to another base.</p>	12
II	<p>Word Processing:- Introduction to word Processing, Important Features of Word, Getting Started with Word:Create, Save and Open a Document , Editing text, Find and replace text, Formatting a Document :Spell check, Autocorrect, Auto text; Bullets and numbering, Tabs, Paragraph Formatting, Indent, Page Formatting, Header and footer, Tables: Inserting, filling and formatting a table; Inserting Pictures and Video; Mail Merge: including linking with Database; Printing documents Creating Business Documents using the above facilities,</p>	12
III	<p>Preparing Presentations:- Basics of presentations: Slides, Fonts, Drawing, Editing; Inserting: Tables, Images, texts, Symbols, Media; Design; Transition; Animation; and Slideshow. Creating Business Presentations using above facilities.</p>	12
IV	<p>Spreadsheet and its Business Applications: Spreadsheet concepts, Managing worksheets; Formatting, Entering data, Editing, and Printing a worksheet; Handling operators in formula, Project involving multiple spreadsheets, Organizing Charts and graphs Generally used Spreadsheet functions: Mathematical, Statistical, Financial, Logical, Date and Time, Lookup and reference, Database, and Text functions.</p>	12
V	<p>Creating Business Spreadsheet: <i>Professional ethics.</i> Creating spreadsheet in the area of: Loan and Lease statement; Ratio Analysis; Payroll statements; Capital Budgeting; Depreciation Accounting; Graphical representation of data; Frequency distribution and its statistical parameters; Correlation and Regression.</p>	12


List of Practical :

1. Starting the Word Processor
2. Create, Save , Open a Document
3. Copy, Move and Delete Text
4. Formatting Text


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5. Adding Bullets and Numbers
6. Creating a Table
7. Inserting a Picture
8. Setting Page Layout
9. Printing a Document
10. Starting the Presentation Program
11. Adding & Deleting a Slide
12. Insert Table, Chart, Picture etc. in Slide
13. Slide Show
14. Custom Animation/Animation Schemes and Slide Transitions
15. Opening a Spreadsheet
16. Basic Working with Rows , Columns and workbooks
17. Using Basic Functions in Spreadsheet- Addition, Subtraction, Multiplication and Division
18. Formatting Data in Spreadsheet
19. Set the Print Area ,Print Preview and Page Layout
20. Graphs in Spreadsheet

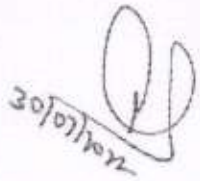
Note: The General Purpose Software referred in this course will be notified by the University Departments every three years. If the specific features, referred in the detailed course above, is not available in that software, to that extent it will be deemed to have been modified.


References:


1. Chetan Srivastav " Information Technology".
2. O' Brien J. " Management Information System", Tata McGraw Hills, New Delhi.
3. P.K.Taxali, "PC Software made simple", Tata McGraw Hills, New Delhi.
4. V.Rajaraman, " Fundamentals of Computer", Prentice Hall of India, New Delhi.
5. Sanders D.H. "Computers Today", Tata McGraw Hill.
6. Denies Sheila S. "Microsoft Office Professional for Windows 95", BPB Publications.

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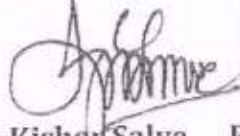
CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com. First Year (First Semester)
Entrepreneurship Development – I (Elective Paper)


Theory-80
Practical/Sessional -20

Objectives:		
1. To Create Awareness Amongst students about Entrepreneurship.		
2. To Understand Theories while applying in the Business		
Unit No.	Contents	No. of Lectures
I	Entrepreneur: Concept of Entrepreneur Definition, Characteristics, Functions, Entrepreneurs and Intrapreneur. Role of an Entrepreneur in Economic Development.	12
II	Entrepreneurship: Concept, Meaning, Definition, Characteristics, Importance of Entrepreneurship, Challenges, Issues & Barriers of Entrepreneurship.	12
III	Originating Theories of Entrepreneurship: <ul style="list-style-type: none"> • Economic Theory, Sociological Theory, Psychological Theory 1. Innovative Theory of Entrepreneurship By Joseph Schumpeter 2. Theory of Achievement Motivation by McClelland – The Kakinada Experiment 3. Hoselitz Sociological Theory 	12
IV	Types of Entrepreneurship: Recent Trends- Sociopreneur, Edipreneur, Ecopreneur and Agropreneur. Women Entrepreneurs, Rural Entrepreneurship, Self Help Groups.	12
V	Identification of Business Opportunities: <i>Professional ethics</i> <ul style="list-style-type: none"> • Environmental Scanning – Meaning and Benefits • Factors Considered for Environmental Scanning -Socio-Cultural , Economic , Technical , Demographic , Legal and Political, Geographical and International Factors • Source and Steps involved in Identification of Business Opportunities. 	12
Internal Assessment :		
Test : 10 Marks		
Tutorial : 10 Marks		
References:		
1. Entrepreneurship Development: S.S Khanka, Sultan Chand & Co. Ltd.		
2. Fundamentals of Entrepreneurship: G.S. Sudha, Ramesh Book Depot.		
3. Entrepreneurship Development: E. Gordon & K. Natarajan, Himalaya Publishing House.		
3. Entrepreneurship Development: Colombo Plan Staff College for Technician Education, Manila, TaTa McGraw Hill		
4. Small Scale Industries and Entrepreneurship: Vasant Desai, Himalaya Publishing House.		
5. Project Planning & Control: N. P. Agarwal & Dr. B. K. Mishra, Indus Valley Publications, New Delhi.		


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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com. First Year (First Semester)
(Elective Paper)
Office Management-I

Theory-80
Practical/Sessional -20


Objective: The purpose of this course is to familiarize the students with the activities in a modern office. Smooth functioning of any organization depends upon the way various activities are organized, facilities provided to the staff working in the office, the working environment and the tools and equipment used in office.

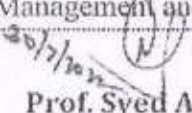
Unit No.	Contents	No. of Lectures
I	Office and Office Management:- Meaning of office- Primary and Administrative Management Functions, Importance of Office, Duties of the Office Manager, Qualities and Essential Qualifications. Filing and Indexing: Meaning and Importance, essentials of good filing, centralized vs. decentralized filing, system of classification, methods of filing and filing equipment, weeding of old records, meaning and need for indexing, various types of indexing.	15
II	Mail and Mailing Procedures:- Meaning and Importance of mail, Centralization of mail handling work, its advantages. Mailing through post, couriers, email, appending files with email. Inward and outward mail- receiving, sorting, opening, recording, making distributing folding of letters sent, dispatching, courier services, central receipt and dispatch. Forms and Stationery: Office Forms- introduction, meaning, importance of forms, advantages of using forms, disadvantages of using forms, type of forms, factors affecting forms design, principles of form design, form control. Stationery- introduction, types of stationery used in offices, importance of managing stationery, selection of stationery, essential requirements for a good system of dealing with stationery, purchasing principles, purchase procedure, standardization of stationery.	15
III	Modern Office Equipment:- Introduction, Meaning and Importance of Office Automation, Objectives of Office Mechanization, advantages & disadvantages, factors determining office mechanization. Kinds of office machines. Budget: Budget- Annual, Revised and Estimated. Recurring and non- recurring heads of expenditure, Audit: Audit process- Vouching, Verification and Valuation (in brief). Consumables/ Stock register and Asset register. Procedure for disposal of records and assets.	15
IV	Banking facilities: Types of accounts. Passbook and Cheque book. Other forms used in Banks. ATM and money transfer. NEFT/RTGS, Net Banking, BHIM Apps. Abbreviations/Terms used in Offices: Explanation of abbreviations/terms used in offices in day-today work.	15


Internal Assessment : Test : 10 Marks Tutorial : 10 Marks


References:

1. Office Management: R. S. N. Pillai & Bhagvati, S. Chand Publication
2. Office Organization & Management: M. E. Tukaram Rao
3. Bhatia, R.C. Principles of office Management, Lotus press, New Delhi.
4. Terry, George R: office Management and Control.


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DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD.

B.COM SECOND SEMESTER STRUCTURE. (2018-19) w.e.f. Academic Year 2022-23


Paper Number	Subject/ Title of the Paper	Course	Weekly		Credits		IA	UA	Total Marks	Duration of Theory Exam
			Th	Pr	Th	Pr				
I	English	Compulsory Language	4	-	4	-	20	80	100	3 Hrs
II	Second Language	Second Language	4	-	4	-	20	80	100	3 Hrs
III	Financial Accounting II	Core Discipline	4	-	4	-	20	80	100	3 Hrs
IV	Business Mathematics & Statistics II	Core Discipline	4	-	4	-	20	80	100	3 Hrs
V	Business Organization and Management	Core Discipline	4	-	4	-	20	80	100	3 Hrs
VI	IT Application in Business-II	Ability Enhancement Compulsory	2	2	2	2	-	50-TH	50	2 Hrs
								50-PR	50	2 Hrs
VII	1. Entrepreneurship Development – II or 2. Office Management – II	Discipline Specific Elective [Any One]	4	-	4	-	20	80	100	3 Hrs
Total			26	02	26	02	120	580	700	--

*IT Application in Business – Theory Paper Separate Head of Passing


*IT Application in Business – Practical Exam Separate Head of Passing



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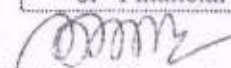



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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com. First Year (Second Semester)
Financial Accounting-II

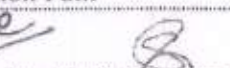
Theory: 80
Practical: 20

Objective: The purpose of this course is to develop the skill among the students about Preparing an organization's accounts.		
Unit No.	Contents	No. of Lectures
I	Accounting Principles and Accounting Standards (Theory) GAAP, AS-1, AS-2, AS-7, AS-9, AS-10, AS-17	12
II	Final Accounts of Non-trading Concerns (Numerical) Meaning of Non-trading concerns, features, Capital and Revenue Receipts and Expenditures, difference between Receipts and Payments Account, Income and Expenditure Account, Preparation of Final Accounts	12
III	Branch Accounts (Numerical) Meaning of Branch and Branch Account, Objectives of Branch Account, Classification of Branches, Accounting for Dependent Branches-Methods of Accounting for Branch Accounting: Debtors System -Meaning, Cost Price Method and Invoice Price Method, Accounting Entries in the books of Head Office and Ledger Accounts. Stock and Debtors System -Meaning, Accounting entries in the Books of Head Office and Ledger Accounts	12
IV	Departmental Accounts (Numerical) Meaning, Objectives, Advantages of Department Accounts, Accounting Procedure- Unitary method and Tabular or Columnar Method, Allocation of Expenses and Incomes, Inter-departmental Transfers, Preparation of Departmental Trading, Profit and Loss Account and Balance Sheet.	12
V	Consignment Accounting (Numerical) Meaning of Consignment Account, Distinction between Consignment and Sale, Valuation of Inventories, Goods Invoiced above Cost, Normal Loss, Abnormal Loss, Accounting Entries in the books of the Consignor and Consignee, Ledger accounts- Consignment Account, Goods sent on Consignment Account, Inventories on Consignment Account, Inventory Reserve Account Consignee's Account, and Consignor's Account.	12
Practical: 20 Marks: (to be conducted by the department in each college as per convenience.)		
	1. Test- 05	
	2. Tutorial- 05	
	3. Seminar- 10	
References:		
1. Advanced Accounts-	MC Shukla, T.S. Grewal & S. C. Gupta	
2. Financial Accounting-	V.K. Goyal & Ruchi Goyal	
3. A New Approach to Accountancy-	H.R. Kotalwar	
4. Financial Accounting-	A. Mukherjee & M. Hanif	
5. An Introduction to Accountancy-	Dr. S.N. Maheshwari & S.K. Maheshwari	
6. Financial Accounting A Simplified Approach-	Naseem Ahmed	
7. Students Guide to Accounting Standards-	D.S. Rawat & Deepti Maheshwari	
8. Financial Accounting-	S.N. Patil & Ashok Patil	


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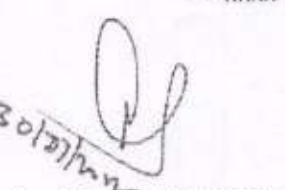
CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com. First Year (Second Semester)
Business Mathematics & Statistics-II

Theory: 80
 Practical: 20

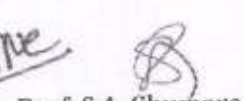
Objectives :		
1). To provide knowledge and information about Statistical Applications.		
2). To create skill and ability among students for using the Statistical Methods, Tools, Techniques by using I.T. devices.		
Unit No.	Contents	No. of Lectures
I	Co-relations Meaning of co-relation, Definition of co-relation, Types of co-relation, Methods of studying co-relation and probable errors, Co-relation co-efficient.	15
II	Regression Meaning of regression, Types of regression, linear regression, Methods of estimating regression lines.	15
III	Index Numbers Meaning of Index number, Types of Index number, Uses of Index number, Methods and constructing of price indices.	15
IV	Probability and Expected Value. Meaning and Nature of Probability, Definitions of probability, Applications of Probability-Addition & Multiplication, Law of Probability, Conditional probability.	15
V	Statistical Application with Computer (Only for knowledge & Practical application) Use of Excel, Knowledge of SPSS and other Statistical and Mathematical Tools and Software.	15
Note: I. Practical to be conducted based on curriculum given in semester I and Semester II of Business Mathematics and Statistics by using Computers & other I.T. Devices. Can be included in 20 marks, Internal Work and Assignment.		
References :		
1. Elementary Statistical Methods: Dr. S.P. Gupta, Sultan Chand & Sons.		
2. Fundamentals of Statistics: D.N. Elhance, et.al, Kitab Mahal.		
3. Statistics (Theory, Methods & Application): Dr. D.C. Sancheti, V.K. Kapoor, Sultan Chand & Sons.		
4. Fundamental of statistics – Dr. D.N. Elhance		
5. Statistical Methods Dr. Sancheti and Kapoor		
6. Statistical methods – Dr. SP Gupta		
7. Problems in Statistics – Dr. Y.R. Mahajan		
8. Essence of Business Mathematics – Dr. R.K. Rajput		

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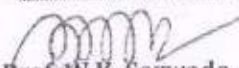

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 Chairman BoS

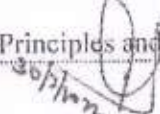

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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com. First Year (Second Semester)
Business Organization and Management


Theory: 80
 Practical: 20

Objective: The course aims to provide basic knowledge to the students about the organization and management of a business enterprise.		
Unit No.	Contents	No. of Lectures
I	Foundation of Indian Business: Manufacturing and Service Sectors; Small and Medium Enterprises; Problems and Government policy. India's experience of liberalization and globalization. Technological innovations and skill development. 'Make in India' Movement. Social responsibility and ethics Emerging opportunities in business; Franchising, Outsourcing, and E-commerce.	12
II	Business Enterprises: Forms of Business Organization: Sole Proprietorship, Joint Hindu Family Firm, Partnership firm, Joint Stock Company, Cooperative society; Limited Liability Partnership; Choice of Form of Organization. Government - Business Interface; Rationale and Forms of Public Enterprises. International Business. Multinational Corporations.	12
III	Management and Organization: The Process of Management: Planning; Decision-making; Strategy Formulation. Organizing: Basic Considerations; Departmentation – Functional, Project, Matrix and Network; Delegation and Decentralization of Authority; Groups and Teams.	12
IV	Leadership, Motivation and Control: Leadership: Concept and Styles; Trait and Situational Theory of Leadership. Motivation: Concept and Importance; Maslow Need Hierarchy Theory; Herzberg Two Factors Theory. Control: Concept and Process.	12
V	Functional Areas of Management: Marketing Management: Marketing Concept; Marketing Mix; Product Life Cycle; Pricing Policies and Practices Financial Management: Concept and Objectives; Sources of Funds – Equity Shares, Debentures, Venture Capital and Lease Finance. Securities Market, Role of SEBI. Human Resource Management: Concept and Functions; Basic Dynamics of Employer – Employee Relations.	12
Note: Practical of 20 Marks (to be conducted by college as per their convenience and resources.)		
References: (Note: Latest Editions of the following books may be used.)		
1. Kaul, V.K., Business Organization and Management, Pearson Education, New Delhi 2. Chhabra, T.N., Business Organization and Management, Sun India Publications, New Delhi, 3. Gupta CB, Modern Business Organization, Mayur Paperbacks, New Delhi 4. Koontz and Wehrich, Essentials of Management, McGraw Hill Education. 5. Basu, C. R., Business Organization and Management, McGraw Hill Education. 6. Jim, Barry, John Chandler, Heather Clark; Organization and Management, Cengage Learning. 7. B.P. Singh and A.K.Singh, Essentials of Management, Excel Books 8. Buskirk, R.H., et al; Concepts of Business: An Introduction to Business System, Dryden Press, New York. 9. Griffin, Management Principles and Application, Cengage Learning		


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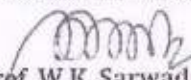

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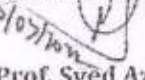

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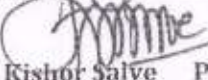
CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com. First Year (Second Semester)
I.T. Application in Business - II


Theory: 50
 Practical: 50

Unit No.	Contents	No. of Lectures
I	Communication: Meaning & Definition of Communication, Importance of Communication, types of Communication – (Verbal, Non Verbal), Barriers to Communication	06
II	Business Correspondence : Letter Writing, Presentation, Inviting quotations, Sending quotations, placing orders, Inviting tenders, Sales letters, claim and adjustment letters and social correspondence, Memorandum, Inter-office memo, Notice Agenda, Job application letter, preparing the Resume	06
III	Internet Technology : Introduction to computer networks : Introduction- need, advantages, disadvantages, types of networks, types of transmission media, Internetworking devices-bridges, routers, gateways, IP addressing: why IP address, basic format of IP address- IPV4, IPV6, Protocols - HTTP, HTTPS, FTP, DNS, Email	06
IV	Electronic Communication : Meaning and Definition of Electronic Communication, Advantages & Disadvantages of Electronic Communication, Types of Electronic Communication, Web Pages, Email, Forums, Text & Instant Messaging, Social Networking, Video Chat etc., Monitoring of Electronic Communication, Developing a Policy	06
V	Social Networking and Oral Presentation: Definition and Origin of E-mail, Message Format, Types of Email, Spam, Spoofing, Bombing. Social Networking Sites- Facebook, You Tube, Instagram, Twitter, LinkedIn, Google+ etc. Oral Presentation: Presentation Plan, PPT, Visual Aids, Sales Presentation and Training Presentation.	06
List of Practical :		
1	Printout to be submitted	
2	Preparing format of letter, Business letter	
3	Preparation of Meeting Report	
4	Bold Copying Therasys, Synonymous, Formatting	
5	PPT Presentation	
References :		
1. Introduction to Information Technology – ITL Education Solutions Limited, Pearson Education		
2. V.D. Dudheja : Information Technology, E-Commerce and Business- Commonwealth Publishers, New Delhi.		
3. Anita Goel : Computer Fundamentals, Pearson Publication.		
4. Sanjay Saxena : Information Technology, Vikas Publication		
5. Leena Sen, Communication Skills, PHI Learning.		
6. Locker and Kaczmarek, Business Communication : Building Critical Skills, TMH		


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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com. First Year (Second Semester)
Entrepreneurship Development-II

Theory: 80
Practical: 20

Objectives :		
1). To provide knowledge and information about Entrepreneurship Development.		
2). To provide knowledge and create ability for setting up an enterprise within given Environment.		
Unit No.	Contents	No. of Lectures
I	Market Research: <ul style="list-style-type: none"> • Meaning, Need and Importance of Market Research. . • Techniques in Marketing Research- Field Survey Technique, Test Marketing, Delphi Technique, Desk Research, Observation Method and Experiment. 	12
II	Innovation in Entrepreneurship: <ul style="list-style-type: none"> • Purposeful Innovation- Concept, Need, Process, Principles of Purposeful Innovation. • Incubation Centers – Meaning, Services and Role of Incubation Centers. Study of Incubation Centers in Maharashtra. 	12
III	Entrepreneurship in 21st Century: Essential of 21 st Century Entrepreneurship, Importance of Entrepreneurship in 21 st Century. Start-up Schemes, Start-up India, Stand up India, Pradhan Mantri Kaushal Vikas Yojana, Skill India.	12
IV	New Trends in Entrepreneurship: Startup Accelerators, Student Sandbox and Business Labs, Crowd Funding, Venture Capital, Co-Working Spaces, Boot Camps, Entrepreneurship Development Program, Online Entrepreneurship Degree.	12
V	Project Management: Meaning, Definition, Classification, Project Life Cycle, Project Formulation & Feasibility, Project Finance , Project Report and Presentation, Information Centers in India.	12
Note :		
1. Project selection or Project Preparation should be based on such a project which is currently working in your environment and known to the students, Support factual information, data and documents.		
2. Practical to be conducted based on curriculum given in semester I and Semester II of Entrepreneurship Development. Practical may include preparation of tender, Preparation of quotations, Comparative Statement, Purchase order, Insurance Proposals, Bank Proposal for loan, credit, overdraft, Report on interview of successful entrepreneur in local area.		
Internal Assessment : Test- 10 Marks Tutorial- 10 Marks		
References:		
1 Entrepreneurship Development, S.S.Khanka, Sultan Chand & Co.Ltd.		
2 Fundamentals of Entrepreneurship, G.S.Sudha, Ramesh Books Depot.		
3 Entrepreneurship Development: E.Gordan & K Natarajan, Himalaya Publishing House.		
4 Entrepreneurship Development, Colombo Plan Staff College for Technician Edn.Manila, TaTa McGraw Hill.		
5 Small Scale Industries & Entrepreneurship, Vasant Desai, Himalaya Publishing House.		
6 Project Planning & Control: N.P.Agarwal & Dr.B.K.Mishra, Indus Valley Publication, New Delhi.		

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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com. First Year (Second Semester)
Office Management-II

Theory: 80
Practical: 20

Objectives :		
1) To provide knowledge and information about Office Management Practices.		
2) To create skill and ability to operate office activities effectively (By using automation systems).		
Unit No.	Contents	No. of Lectures
I	Modern Office and its Functions: Introduction : Office ,Meaning of Office, Work and activities of Office ,Office functions and its Importance Changing nature of Office activities Current scenario and Practice	05
II	Office Systems and Procedures : The concept of system, Meaning, Nature and definition, System analysis, Nature, Practice and Stages, Meaning of flow of work, Role of Manager in system and Procedural work	10
III	Office Services : Meaning and Nature of office services, Centralized Vs. Decentralized Office Services, Departmental work or categorization of work in office (Modern services and practices to be expected)	15
IV	Record Management and Reporting: Meaning and Nature of record, Record managing Practices, Filing, Indexing, Manual Preparation, Record retentions, Safety Security and Disbursement Reporting: Meaning of reporting, Report Preparation, Report writing, Contents writing and Report submission/Presentation,	15
V	EDP Environment for Effective Office Management : Need and requirement of EDP Environment, Availability of EDP based modern tools, techniques, devices, hardware, software and Human wares. Knowledge about Computer, Hardware, Software and its application in day to day office work. Knowledge about File creation, Folder Creation, Uploading, Downloading, Attachment, Merging, Conversion etc.	15
Note: Practical to be conducted based on curriculum given in semester I and Semester II of Office Management.		
List of Practical :		
1. Preparation of Applications.		
2. Letter -Formal, Informal, Notice Preparation.		
3. Meeting Agenda		
4. Meeting Minutes		
5. Report preparation.		

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6. Preparation of tender, Preparation of quotations,-Comparative Statement, Purchase order,
7. Insurance Proposals, Bank Proposal for loan, credit, Overdraft.
8. Report on interview of successful entrepreneur in local area.
9. Preparation of different format related to concerned office, Business, Industries
10. Preparation of different types of vouchers.
11. Formal letters to Government Tax authorities, etc.
12. Intimation letters
13. Inward & Outward Procedure.
14. File mechanism -uploading, downloading, attachment etc.

References :


1. Bhatia, R.C.Principles of Office Management, Lotus Press, New Delhi.
2. Leffingwell and Robbinson: Text book of Office Management, Tata McGraw-Hill
3. Terry, George R: Office Management and Control.
4. Ghosh, Evam Aggarwal: Karyalaya Praband, Sultan Chand & Sons.
5. Duggal, B: Office Management and Commercial Correspondence, Kitab Mahal
6. R.K.Chopra & Ankita Chopra : Office Management, Himalaya Publications.
7. Chetan Srivastav " Information Technology",
8. Brien J. " Management Information System", Tata McGraw Hills, New Delhi
9. P.K.Taxali" PC Software made simple", Tata McGraw Hills, New Delhi
10. V.Rajaraman " Fundamentals of Computer", Prentice Hall of India, New Delhi
11. Sanders D.H. " Computers Today", Tata McGraw Hill
12. Denies Sheila S. " Microsoft Office Professional for Windows 95", BPB Publications
13. Amitai Etzioni : Modern Organization.
14. Betty J. : Development in Office Management
15. Brown L. : Effective Business Report Writing
16. Bunker L. : Fundamental of Office Methods and Form Desing.
17. Carl Heyel : Handbook of Office Administration
18. Gaum, Graves and Hoffman : Report Writing
19. Levis H.S. : Office Work and Automation
20. Terry George R.:Office Automation; Office System and Procedures

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Faculty of Commerce & Management

B.Com. Third Semester Structure (2019 – 20) w. e. f. Academic Year 2022 - 23

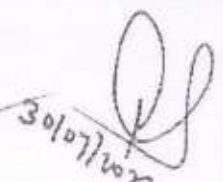
Paper Number	Subject/ Title of the Paper	Course	Weekly		Credits		IA	UA	Total Marks	Duration of Theory Exam
			Th	Pr	Th	Pr				
I	English	Compulsory Language	4	-	4	-	20	80	100	3 Hrs
II	Second Language	Second Language	4	-	4	-	20	80	100	3 Hrs
III	Corporate Account – I	Core Discipline	4	-	4	-	20	80	100	3 Hrs
IV	Cost Account – I	Core Discipline	4	-	4	-	20	80	100	3 Hrs
V	I.T. Application in Business – III	Core Discipline	2	2	2	2	-	50-Th	50	2 Hrs
								50-Pr	50	2 Hrs
VI	Goods and Services Tax (GST) – I	Ability Enhancement Compulsory	4	-	4	-	20	80	100	3 Hrs
VII	1. Banking or 2. Marketing Management or 3. Financial Management or	Discipline Specific Elective [Any One]	4	-	4	-	20	80	100	3 Hrs
Total			26	02	26	02	120	580	700	--

*IT Application in Business – Theory Paper Separate Head of Passing

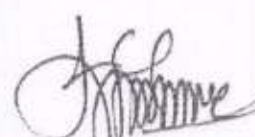
*IT Application in Business – Practical Exam Separate Head of Passing




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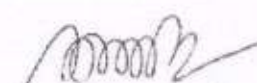


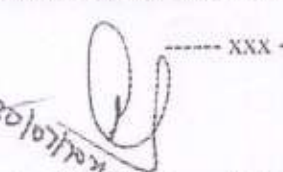
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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Third Semester)
Corporate Accounting - I


Theory - 80
 Sessional - 20

Unit No.	Contents	No. of Lectures
I	Issue and forfeiture of shares, Re-issue of forfeited shares Meaning of shares, Issue of shares-at par, at premium, at discount (Theory), Collection of share money Collection at lump sum (Theory) Collection in Installment Issue of share in consideration of assets etc. Procedure of Issue of shares, Prospectus, Application, Allotment, Pro-rata Allotment of shares, Forfeiture of shares, Reissue of shares, Profit on Re-issue, Journal Entries for Issue of shares, Balance sheet (Numerical Problems)	15
II	Redemption of Debentures <i>Professional ethics</i> Types of Debentures, Methods of Redemption- Redemption in Installment, Redemption in lamp sum, Redemption by conversion, Redemption by purchase in open market, Sinking Fund. – (Theory) Finance for Redemption out of profit, out of fresh Issue Redemption in lump sum Issue at "Par" Redeemable at "Par" Issue at "Discount" Redeemable at "Par" Issue at "Premium" Redeemable at "Par" (Numerical Problems) Issue at "Par" Redeemable at "Premium" Issue at "Discount" Redeemable at "premium" Sinking fund method (Numerical)	10
III	Redemption of Preference shares Types of Preference shares (Theory) Redemption out of fresh Issue of shares Redemption out of profits Journal Entries for Redemption and Balance sheet after Redemption: (Numerical)	10
IV	Final Accounts of Joint stock company, Statement Form (Numerical)	15
V	Profit Prior to Incorporation (Theory and Numerical)	10
Sessional : Test - 10 Marks Tutorial – 10 Marks		
Reference Books 1. Maheshwari S.N. : Corporate Accounting 2. Shukla M.C.& Grewal T.S. : Advanced Accounts 3. Mahurkar & Deshpande : Accountancy – I 4. Kolalwar H.R. : New Approach to Accountancy 5. Jain & Narang : Advanced Accountancy		


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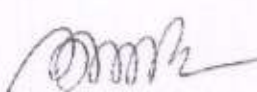

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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Third Semester)
Cost Accounting – I

Theory – 80 Marks
Sessional – 20 Marks

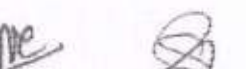
Unit No.	Contents	No. of Lectures
I	Cost Accounting : Meaning, Definition, Limitation, of financial Accounting, Development of Cost Accounting, Function, Objectives, Advantages, Disadvantages and limitations of cost accounting, Difference between Financial and Cost Accounting. (Theory)	(10)
II	Elements of Cost : Concept of Cost, Cost Units, Cost Centers, Cost Objects, Cost Drivers, Types of Cost, Classification of Cost – By Nature or Elements, By Function, By Variability, or Behavior, By Controllability, By Normality, By Cost for Managerial Decision Making. (Theory)	(08)
III	Material : Concept, Objectives, Need, Essentials of Material Control, Purchase procedures, Function of purchase, department classification, and coding of material, fixation of levels of material, Economic Order Quantity, Material Handling Costs, Bin Cards, Stores Routines, Issue of Material, Issue Procedures, Methods of Pricing, Material Issue FIFO, LIFO, Simple Average, Weighted Average Method. (Theory & Numerical)	(14)
IV	Labour : Meaning, Definition, Recent Trends in Time Booking, Labour Control, Methods of Wage Payment, Time and Piece Rate, Incentives Scheme – Taylor's Differential Piece Rate System, Halsey Plan, Rowan Plan (Theory & Numerical)	(14)
V	Overheads : Definition, Direct and Indirect Costs, Importance of Overheads, Allocation, Apportionment and Absorption of Overhead, Methods of Distribution, Primary – Secondary distribution, repeated method, Machine Hour Rate, Under and Over absorption of overheads (Numerical)	(14)
Sessional Work : 20 Marks 1. One Test : 05 Marks 2. One Tutorial : 05 Marks 3. Students to collect proforma of Bin Card, Store Ledger, Time Card, Purchase Requisition, & Purchase Order. (fill them) : 10 Marks		
Reference Books : 1. Practical Costing : Khanna, Pande and Ahuja 2. Cost Accounting : Bhatia HSM 3. Principles & Practices of Cost Accounting : N. K. Praasad 4. Cost Accounting (Methods & Problems) : B. K. Bhar		

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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Third Semester)
I.T. Application in Business – III

Theory = 50
 Practical U/A = 50

Unit No.	Contents	No. of Lectures
I	Introduction to Internet Workspace (e.g. Google): Introduction , Importance of Google Workspace , Contents of Google Workspace, Google Calendar, Google Drive, Google Docs, Google Sheets, Google Slides, Google Meet & Google Chat, Google Classrooms.	06
II	Fundamentals of E-Mail: Introduction to E-mail, Importance of E-mail, Creating & E-mail Account, Compose, Send and Reply to Messages, Customizing Inbox, Email Settings	06
III	Fundamentals of Online Survey Forms (e.g. Google Forms) : <i>professional ethics</i> Introduction, Importance of Google Forms, Benefits of Google Forms, Application of Google Forms, Accessing Google Forms, Creating a Google Forms, Sharing a Google Forms, View Responses	08
IV	Introduction to Cyber Crime: Definition, Classification and Types of Cyber Crime, Cyber Crime Legal Perspective, Categories of Cyber Crime: Cyber Stalking, Phishing etc. Cloud Computing, Risk Associated with Cloud Computing	05
V	Mobile and Wireless Devices: Trend Mobility, Authentication Service Security, Mobile Phone Security, Attacks on Mobile Phones, and Organizational Measurement for handling Mobile, and Security Policies & Measures in Mobile Computing ERA.	05
		30
PART B – LIST OF PRACTICALS		(30 Hrs)
1	Creating a Gmail Account	
2	Composing an Email	
3	Sending Mail with Attachments	
4	Checking Inbox & Outbox	
5	Setting up Events in Google Calendar	
6	Delete and Restore Events	
7	Checking Google Drive	
8	Upload Files and Folders in My Drive	
9	Modify and Removing files from My Drive	
10	Creating a Meeting using Google Meet	
11	Add People to a Video Conference	
12	Creating a Google Document	
13	Editing and Saving Google Document	
14	Creating Google Sheet	
15	Editing and Saving Google Sheet	
16	Creating Google Slide	
17	Editing and Saving Google Slide	
18	Creating a Google Form	
19	Editing and Saving Google Form	
20	Sharing Google Form Link	

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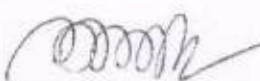
Learning Outcomes:

1. After successfully studying this subject, students will be able to secure, share, collaborate and customize workflows to meet work elegance.
2. Students will possess required skills to be employed at a various offices and administrative level jobs using technology.
3. Students will acquire knowledge of major cyber crimes and their resulting impact

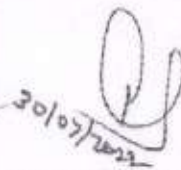
Books for References:

1. Nina Godbole&SunitBalapure: Cyber Security, Wiley India Pvt. Ltd., 2012.
2. PankajAgrawal :Information Security and Cyber Laws, Acme Learning,2013
3. Mathew Guay, Weston Thayer:The Ultimate Guide to G-Suite, Zapier, Inc.2017
4. Lan Lamont : Google Drive and Docs. 130 Media Corporation . 2018


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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Third Semester)
Goods and Services Tax (GST) – I


Theory – 80 Marks
 Sessional – 20 Marks

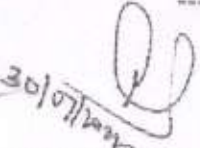
Unit No.	Contents	No. of Lectures
I	Introduction, Overview and Evolution of GST: <i>professional ethics.</i> 1.1 Indirect tax structure in India; Difference between Direct & Indirect Taxes; 1.2 Introduction to Goods and Service Tax (GST) - Key Concepts 1.3 Important definitions, Meaning of terms used in GST, GST Council 1.4 Taxes under GST, Cess	10
II	Registration under GST: 2.1 Threshold for Registration 2.2 Regular Tax Payer; Composition Tax Payer; Casual Taxable Person; Non-Resident Taxable Person 2.3 Persons not liable for registration, 2.4 Compulsory registration in certain cases. 2.5 Procedure for registration. 2.6 Unique Identification Number 2.7 Registration Number Format	10
III	Supply under GST and Valuation of Supply: 3.1 Supply, Place of Supply, Intrastate & Interstate Supply, 3.2 Levy and Collection of IGST, CGST, SGST/UTGST 3.3 Time and Valuation of Supply	10
IV	Input Tax Credit and Tax Payments under GST: 4.1 Input tax credit process 4.2 Negative List for Input tax credit 4.3 Input Tax Credit Utilization and Input Tax Credit Reversal 5.5 Payment of Tax, Interest and Penalties.	10
V	Documents, Accounts & Records, Returns under GST: 5.1 Tax Invoice, Credit & Debit Notes. 5.2 Accounts and other records to be maintained. 5.3 Types of GST returns, particulars to be furnished, their due dates, late filing, late fee. 5.4 Annual Return and Audit under GST.	10
VI	Others: 6.1 Overview of Schedule Entries and Tariffs under GST 6.2 E-Way Bill Procedure. 6.3 Accounting Entries (Journal entries, Ledger Posting) of GST Transactions.	10
	Note : Practical's should be taken as per the requirement of the Units. College can take decision on their own.	60


Reference Books :

1. Indirect Taxes : V. S. Datey – Taxman Publication
2. M Vat Subramanian Snow White Publication
3. Systematic Approach to Taxation – Dr. Girish Ahuja & Dr. Ravi Gupta

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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Third Semester)
Banking (Elective)

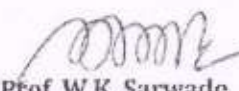
Theory – 80 Marks
Sessional – 20 Marks

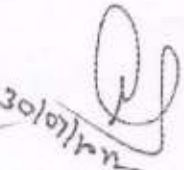
Unit No.	Contents	No. of Lectures
I	AN OVERVIEW of BANKING INDUSTRY : Definition of Banks. Evolution of Banking system in India. Banking reforms from 1991-2000. Bank crises in India. Critical evaluation of Banking Industry in India.	12
II	COMMERCIAL BANKING : Meaning and Definition of commercial Bank, Functions of Commercial Bank, Services offered by Commercial Bank. Retail Banking- Meaning, Features, Significance of Retail Banking and overview of its Products. Corporate Banking – Meaning, Features, significance of Corporate Banking and Overview of Its products. Nationalization, Privatization of Banks, Merger of Banks.	14
III	RESERVE BANK of INDIA: Objectives, Organization, Functions, Instruments of Credit control. Monetary policy of Reserve Bank of India and Role in Economic Development of the Country.	10
IV	MODERN BANKING IN INDIA : Meaning and importance of E Banking, Electronic payment System. Teller Machines- Branch Teller Machines (BTM) and Automated Teller Machines (ATM) Tele Banking, Internet Banking, Debit and Credit cards, Real Time Gross Settlement (RTGS) and National Electronic Funds Transfer System (NEFT), Electronic payment System.	14
V	FINANCIAL INCLUSION : Need and Extent, Features and Procedures of Pradhan Mantri Jan Dhan Yojana and PM Mudra Yojana, Features, Procedures and Significance of Stand Up India Scheme for Green Field.	10
	Practical - 20 Marks (to be Conducted by the Department in each College as per Convenience)	

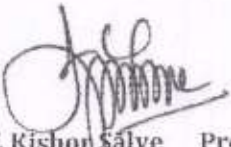
Reference Books :

1. Basu A.K. Fundamentals of Banking – Theory and Practice, A Mukherjee and co; Kolkata.
2. Shekhar and shekhar; Theory and Practice, Vikas Publishing house New Delhi.
3. Sayers R.S. Modern Banking; Oxford University Press.
4. Reserve Bank of India; Functions and working of Reserve Bank of India Publications.
5. Vasant Desai; Banks and Institutional Management, Himalaya Publishing house Mumbai,
6. Kaptan S.S. and choubey N.S., E Indian Banking Era, Sarup and Sons, New Delhi.
7. Uppal and Jha Online Banking in India, Amol Publication Pvt. Ltd; New Delhi.

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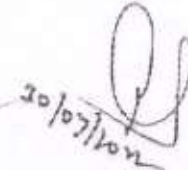
CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Third Semester)
Marketing Management (Elective)


Theory – 80 Marks
 Sessional – 20 Marks


Unit No.	Contents	No. of Lectures
I	Introduction to Marketing : Definition, nature, scope and importance of marketing, traditional and modern concept of marketing, classification of markets, functions of marketing, Evolution of marketing.	12
II	Strategic and Ethical Marketing : Marketing strategy - definition & features, steps in strategic marketing planning process, SWOT analysis, Meaning and definition, scope, ethics in marketing, challenges facing marketers	12
III	Marketing Mix and Channels of Distribution : meaning and importance of marketing mix, elements of marketing mix – product mix, price mix, place and promotion mix. study of channels of distribution-and various, channels of distribution—factors to be considered in the selection of channels of distribution.	12
IV	Marketing Management and Marketing Environment : definition need & importance of marketing management, functions of marketing management, marketing environment - meaning of marketing environment, nature & scope of environment, micro & macro environment, emerging marketing opportunities in India, international marketing environment	12
V	Agriculture Marketing : Meaning, definition and scope, difference between agricultural product marketing and manufactured product marketing, factors affecting demand of agro products, importance of agriculture marketing	12
Practical - 20 Marks (to be Conducted by the Department in each College as per Convenience)		
Reference Books – 1) Marketing Management - Philip Kotler 2) Marketing Management - Theodore Levitt 3) Marketing Management - S. A. Sherlekar 4) Marketing Management - E. N. Sontakki 5) Fundamentals of Marketing – Willam Stauton 6) Marketing : Planning, Implementation & Control - V. S. Ramaswami& S. Namakumari		

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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Third Semester)
Financial Management (Elective)

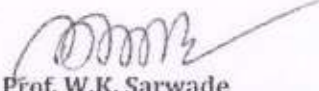
Theory – 80 Marks
Sessional – 20 Marks


Unit No.	Contents	No. of Lectures
I	INTRODUCTION: Meaning of Business Finance, Definition, Nature and Scope of Financial Management, Importance & Objectives of Financial Management, Finance Function – Approaches & Aims, Function of Finance Manager.	12
II	COST OF CAPITAL AND CAPITAL STRUCTURE : Meaning, Concept, Significance of Cost of Capital,, Determination of Cost of Capital – Equity, Preference & Debentures, Retained earnings, Capitalization. Meaning of Capital Structure, Patterns of Capital Structure, Importance, Factors determining Capital Structure, Optimal Capital Structure, Theories of Capital Structure (Net Income, Net Operating Income, MM Hypothesis, Traditional Approach)	12
III	LEVERAGES : Meaning of leverage, Types of leverages-Financial, Operating and Combined leverage, Significance and limitations of Financial leverage, Distinction between Financial and Operating leverage.	12
IV	WORKING CAPITAL MANAGEMENT : Concept of Working Capital Management, Significance of working capital, Excess v/s Inadequate Working Capital, Factor determining working capital Needs, Operating Cycle, Working Capital Management – Cash, Inventory, & Receivable Management, Estimation of Working Capital requirement.	12
V	DIVIDEND POLICY & DECISION MAKING: Introduction, Significance, Factors of Determinants of Dividend Policy, Forms of Dividends, Types of Dividend Policies.	12
	Sessional - 20 Marks (to be Conducted by the Department in each College as per Convenience)	

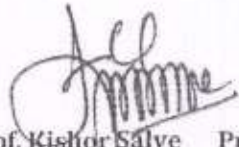
Reference Books:


1. Khan, M.Y & Jain, P.K.: Financial Management; Tata McGraw Hill, New Delhi,
2. Pandey, I. M.: Financial Management; Vikas Publishing House, New Delhi,
3. Chandra, Prasana: Financial Management; Tata McGraw Hill, New Delhi,
4. Brealey and Meyers: Principles of Corporate Finance: Tata McGraw Hill, New Delhi,
5. Vanhorne, James C: Financial Management and Policy; Prentice Hall of India, New Delhi

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B.com Fourth Semester Structure (2019 – 2020) w.e.f. Academic Year 2022 - 23

Faculty of Commerce & Management

Paper NO.	Subject/ Title of the Paper	Course	Weekly		Credits		IA	UA	Total Marks	Duration of Theory Exam
			Th	Pr	Th	Pr				
I	English	Compulsory Language	4	-	4	-	20	80	100	3 Hrs
II	Second Language	Second Language	4	-	4	-	20	80	100	3 Hrs
III	Corporate Account – II	Core Discipline	4	-	4	-	20	80	100	3 Hrs
IV	Cost Accounting – II	Core Discipline	4	-	4	-	20	80	100	3 Hrs
V	I.T. Application in Business – IV	Core Discipline	2	2	2	2	-	50- Th	50	2 Hrs
								50- Pr	50	2 Hrs
VI	Goods and Services Tax – II (GST)	Ability Enhancement Compulsory	4	-	4	-	20	80	100	3 Hrs
VII	1. Insurance or 2. Import Export Procedure & Practice or 3. Business Environment.	Discipline Specific Elective [Any One]	4	-	4	-	20	80	100	3 Hrs
Total			26	2	26	2	120	580	700	--

*IT Application in Business – Theory Paper Separate Head of Passing

*IT Application in Business – Practical Exam Separate Head of Passing

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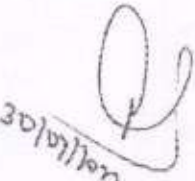
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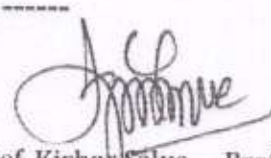
CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Fourth Semester)
Corporate Accounting –II


Theory 80
 Sessional 20

Unit No.	Contents	No. of Lectures
I	Amalgamation of Joint Stock Company Purchase consideration, closing entries in the books of dissolving company, Acquisition entries and Opening Balance Sheet of New Company after Amalgamation	12
II	Absorption of Joint Stock Company Purchase consideration, Ledger accounts in the books of Absorbed (Dissolved) company, Acquisition entries in the books of Absorbing Company, Balance Sheet after Absorption	11
III	Reconstruction of Joint Stock Company Internal Reconstruction only	10
IV	Accounts of Holding Company (with one subsidiary) Pre - Post Acquisition Profit, Reserve, Pre-Post Acquisition Loss, Inter-Company Debentures and Debts, Unrealized Profit, Consolidated Balance Sheet	15
V	Liquidation of Joint Stock Company Solvent and Insolvent Company, Remuneration of Liquidator- Fixed, on Asset Realized, Preferential Creditors, Unsecured Creditors etc	12
Sessional : Test - 10 Marks , Tutorial 10 Marks		
Reference Books		
1. Maheshwari S.N. : Corporate Accounting		
2. Shukla M.C.& Grewal T.S. : Advanced Accounts		
3. Mahurkar & Deshpande : Accountancy – I		
4. Kolalwar H.R. : New Approach to Accountancy		
5. Jain & Narang : Advanced Accountancy		


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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Fourth Semester)
Cost Accounting – II


Theory 80
Sessional 20


Unit No.	Contents	No. of Lectures
I	Single or Output Costing: Meaning, Definition, Features, Objectives, Element of Cost, Distribution of Overhead, Preparation of Cost Sheet, Tender and Quotation. (Theory)	10
II	Contract Costing : Meaning, Concept of Contract Costing, Preparation of Contract Account, Complete and Incomplete Contracts, Work in Progress, Profit on Contract (Numerical)	08
III	Operating Costing or Service Costing: Meaning of Operating Costing, Types of Operating Costing, Preparation of Electricity and Transport Cost Sheet. (Numerical)	14
IV	Process Costing : Meaning of Process Costing, Concept of Process Costing, Normal and Abnormal Gain, Loss, Equivalent Production, Preparation of Process Costing, Joint and By-product (Theory/ Numerical)	14
V	Reconciliation : Meaning, Objectives and Advantages of reconciliation, Reconciliation of Cost accounting records with Financial record. Procedure of Reconciliation, Methods of Reconciliation. (Theory)	14
	Sessional Work : 20 Marks 1. One Test : 05 Marks 2. One Tutorial : 05 Marks 3. Seminar and GD : 10 Marks	
Reference Books :		
1. Practical Costing : Khanna, Pande and Ahuja 2. Cost Accounting : Bhatia HSM 3. Principles & Practices of Cost Accounting : N. K. Praasad 4. Cost Accounting (Methods & Problems) : B. K. Bhar 5. Fundamental of Costing : S. N. Maheshwari.		

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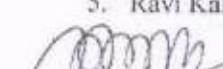
CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Fourth Semester)
I.T. Application in Business – IV

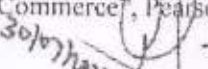
Theory (U/A) 50
 Practical (U/A) 50


Unit No.	Contents	No. of Lectures
I	Introduction to E-commerce : E-Commerce- An Overview, Electronic Commerce Framework, Evolution of E-commerce: History of Electronic Commerce, Advantages and Disadvantage of E-commerce, Roadmap of e-commerce in India, E-Business : Definition, E-Business Models, Elements of E-business Models	08
II	E-Marketplaces : Definition & Structure of E-Marketplace, Types of E-Marketplace, Types of Auctions and its Characteristics, Benefits ,Limitations and impact of Auctions, E-Commerce in the wireless environment.	06
III	E-Business Applications and E-Payment Systems :Integration & E-Business Suits, ERP- Overview of Software Solutions, ERP Implementation, Methodology and Framework, CRM, E-Payment, Categories and users of smart cards, Different Digital Payment methods	08
IV	E-Business Impact on Different Fields and Industries : E-Business Impacts : E-Tourism, Online Employment and Job Market, online Real Estate, Online Publishing & E-Books, Online Banking, Online Delivery of Digital Products, Entertainment and Media E- Government : Definition of E-Government, implementation, E-Government Services, Challenges & Opportunities, Benefits of E-Government	08
Practical		30
1. Students Shall Prepare a report on growth of E-Commerce in India from an authenticate source 2. Students shall list out Top B2B websites. 3. Students shall list out Top B2C websites. 4. Students shall list out E-Commerce websites whose advertisement is Aired on TV. 5. Students Should study the various payment methods & gateways available on E-commerce websites. 6. Preparing a model purchase order on Amazon.com/Flipkart.com 7. Model Railway ticket booking on IRCTC 8. Filing Online applications for various scholarships and concessions 9. Online application for Banking purpose like Bank Account, Loan, Fund transfer, Insurance Policy etc 10. Online Application for job using www.Nokari.com or any other job portal 11. Online Movie ticket Booking using www.Bookmyshow.com or any other booking portal		
Practicals U/A : 50 Marks		
1. Test : 10 Marks		
2. Oral : 20 Marks		
3. Practical File : 20 Marks		


Reference Books:

1. Electronic Commerce: A Managerial Perspective, Turban, E. et al., Prentice Hall 2008.
2. Electronic Business and Electronic Commerce Management, 2nd edition, Dave Chaffey, Prentice Hall, 2006
3. Alexon Leon, ERP Demystified , Second Edition, TATA McGraw Hill 2008
4. David Whiteley, "E-Commerce", TATA McGraw Hill
5. Ravi Kalakota "E-Commerce", Pearson Education


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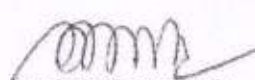

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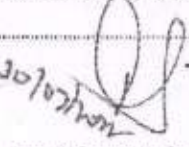

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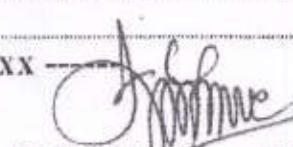
CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Fourth Semester)
Goods and Services Tax (GST) – II


Theory 80
 Sessional 20

Unit No.	Contents	No. of Lectures
I	Documents, Accounts & Records, Returns under GST: 1.1 Tax Invoice, Credit & Debit Notes. 1.2 Accounts and other records to be maintained. 1.3 Types of GST returns. 1.4 Particulars to be furnished in the Returns, their due dates, late filing, late fee. 1.5 Annual Return and Audit under GST.	15
II	Composition Scheme under GST: 2.1 Provision of Composition Scheme, Eligibility criterion for opting the scheme. 2.2 Comparative analysis and Decision making under Regular and Composition scheme. 2.3 Withdrawal from Composition Scheme	15
III	Reverse Charge Mechanism under GST: 3.1 Provision of Reverse Charge Mechanism (RCM). 3.2 Services covered under RCM. 3.3 Difference between RCM and Tax on URD. 3.4 Provisions of Self Invoicing and ITC under RCM.	15
IV	Others: 4.1 Overview of Schedule Entries and Tariffs under GST 4.2 E-Way Bill Procedure. 4.3 GST for E-Commerce Operators. 4.4 GST for Import, Export and SEZ Transactions. 4.5 Accounting Entries (Journal entries, Ledger Posting) of all GST Transactions. 4.6 Overview of Assessment, Demand, Recoveries and Penalties under GST.	15
<p><i>Note : Practical's should be taken as per the requirement of the Units. College can take Decision on their own.</i></p> <p>Important Instructions for teachers:</p> <ol style="list-style-type: none"> 1. Student should be able to understand basic concepts of GST 2. It should be kept in mind that student should be able to apply the concepts into practical application. 3. Teacher should frame numerical problems according to the contents given in the above units of curriculum. 		
<p>Reference Books :</p> <p>a) <i>Beginner's Guide to GST; By CA Kamal Garg, Neeraj Kumar Sehrawat; BharatLaw House</i> b) <i>Systematic Approach to GST; By Dr. Grish Ahuja & Dr. Ravi Gupta; Flair Publication Pvt.ltd.</i> c) <i>Indirect Tax Law and Practice; V.S. Datey; Taxmann Publications Pvt. Ltd., Delhi.</i> d) <i>Students' Guide to Indirect Taxes, Dr. V. K. Singhania Vinod and Monica Singhania, Taxmann Publications Pvt. Ltd., Delhi.</i> e) <i>GST for Beginners; Asst. Prof. Rathi S. G.; Aastha Educational Publishers Jalna.</i></p>		


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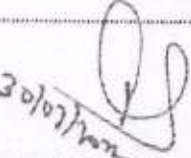

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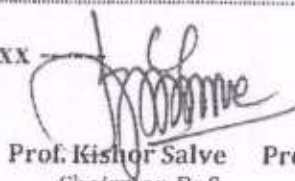
CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Fourth Semester)
Insurance (Elective)


Theory 80
 Sessional 20

Unit No.	Contents	No. of Lectures
I	Introduction to Insurance Insurance: History, Meaning, Definitions, Features, Functions, Scope, Types, Principles, Importance, Contract of insurance, Insurable Risk and its Types	12
II	Life Insurance Life Insurance: History, Meaning Definitions, Principles, Importance, Types, Procedure of taking life insurance policy, Policy conditions and claims, life Insurance Corporation of India.	12
III	General Insurance General Insurance: History & Types (Marine, Fire, Motor, Health, Accident, Crop, Group Insurance, etc.)	10
IV	Insurance Agency Agent, Agent's qualification, procedure for becoming an Agent, Methods of Agent's Remuneration, Functions and Responsibilities of Agent, Ethical behaviors of Agent, Renewal and Cancellation of license.	12
V	Recent Trends in Insurance Sector Functional areas of IT in insurance sector (Marketing, Consumer Awareness, Customer Service, Finance, HRM, R&D, MIS Regulatory Control), Benefits and Factors affecting of e-insurance, IT and life Insurance Corporation of India: Online Insurance, Channels of online Insurance Premium Payments, Benefits of online insurance purchase, Procedure of purchase Online Insurance Policy, Unit linked Insurance Plan (ULIP)	14
	Practical's: 1 Collecting and identifying the features of various products of insurance (Life and General) (05 marks) 2 Evaluating a insurance policy by approaching any insurance office. (05 marks) 3 Report of one guest lecture of insurance agent (05 marks) 4 Evaluating various websites of insurance companies (05 marks)	
Reference Books :		
1. Insurance Institute of India: IC 33-Life Insurance 2. Insurance Institute of India: IC 33-Life Insurance 3. M.J.Mathew (2015): Insurance Principles and Practices RBSA Publishers. 4. Ghanashyam Panda and Monika Mahajan(2013): Principles And Practice of Insurance, Kalyani Publishers 5. I. R. Bhagat (2019): Indian Insurance System, Vidhya Books Publishers. 6. P. K. Gupta (2017): Insurance and Risk Management, Himalaya Publishing House.		


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CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Fourth Semester)
Import and Export Procedure & Practice (Elective)

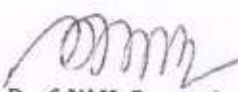
Theory 80
 Sessional 20

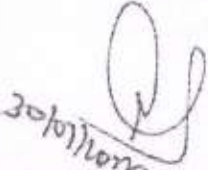
Unit No.	Contents	No. of Lectures
I	Documentation Framework : Export Import Controls and Policy, Types of Documents: Export contract: Processing of an Export order.	10
II	Export Financing Methods and Terms of Payments : Negotiations of Export Bills, Methods of Payment in International Trade, Documentary Credit and Collection, UCP 500/501; Pre-Post Shipment Export Credits, Bank Guarantees, Foreign Exchange Regulations and Procedures.	10
III	Cargo Credit and Exchange Risks: Marine Insurance Need, Types and Procedure, ECGC schemes for risk coverage, and procedure for filing claims. Quality Control and Pre-shipment Inspection Schemes : Process and Procedures, Excise and Customs, Clearance – Regulations Procedures and Documentation.	20
IV	Planning and Methods of Procurement for Exports : Procedure for procurement through Import, Import Financing, Customs Clearance of Import Cargo, Managing risks involved in importing – Transit Risk, Credit Risk and Exchange Risk.	10
V	Export Incentives : Overview of export incentives-ECGC, Duty drawbacks, Duty exemption schemes, Tax Incentives, Procedures and Documentation. Trading Houses : Export and Trading Houses Schemes – Criteria, Procedures and Documentation, Policy and Procedures for EOU/FTZ/EPZ/SEZ units.	10
	Sessional - 20 Marks (To be Conducted by the Department in each College as per Convenience)	

Reference Books :


1. Customs and Excise Law Times : various issues.
2. Export Import Procedures & Documentation, Dr. Khushpat S. Jain, Himalaya PH. 2008.
3. Export-Import Policy ; Ministry of Commerce, Govt. of India, Vols I & II
4. Ram, Paras. Exports : What, Where and How? Anupam Publication, New Delhi.
5. Mahajan, M.I. : Exports : Do IT Yourself, Snowwhite Publication , Mumbai

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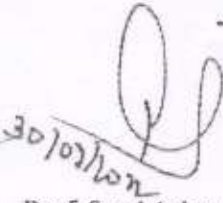
CBCS Pattern Syllabus w.e.f. Academic Year 2022-23
B.Com Second Year (Fourth Semester)
Business Environment (Elective)


Theory 80
Sessional 20


Unit No.	Contents	No. of Lectures
I	Business Environment : Concept of Business Environment, Nature, Scope, Features, Needs and Importance of Business Environment, Indian Business Environment.	12
II	Problem of Growth : Problems of Population, Poverty, Unemployment, Regional Imbalances, Agricultural backwardness, Black Money, Inflation.	12
III	Government Policies : Industrial Policy 1948, 1956, 1977, 1980, 1991, 2019. Monetary Policy – Meaning and Definition, Objectives, Instruments and Limitations of Monetary Policy, Export and Import Policy.	12
IV	Economic Trends : National Income, Saving and Investment, Price Trends in India, Income, Money Market, Foreign Trade and Balance of Payments.	12
V	International Business Environment : Foreign Capital – Types, Needs, Importance, FDI , Foreign Capital in India, IMF – International Monetary(IMF), World Trade Organization(WTO), World Bank.	12
Practical - 20 Marks (To be Conducted by the Department in each College as per Convenience)		
Reference Books –		
<ol style="list-style-type: none"> 1. Vyavasaik Paryavaran – Dr. Dinkar Girdhari, Uday Publication, Aurangabad. 2. Vyavasaik Paryavaran – Dr. Jitendra Ahirrao, Dr. Kalyan Laghane & Dr. Ramdas Vanare, Kailash Publication, Aurangabad. 3. Legal Environment of Business – Aswathappa K. , Himalaya Publication, New Delhi. 4. Economic Environment of Business – Ghosh Biswanath, Vikas Publication, New Delhi. 5. Economic Environment of Business – Adhikari M., Sultan Chand and Co., New Delhi 		

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