

Janata Shikshan Sanstha's  
KISAN VEER MAHAVIDYALAYA, WAI (SATARA)

**1.3.2 Number of courses that include experiential learning through project work/field work/internship during the year 2022-23**

Sr. No	Name of Course	Class
1	Internship/Apprenticeship (I/A)	M.Com-I
2	Advanced Costing Paper -IV (Research Project)	M.Com.I
3	Marketing Management Paper -IV (Research Project)	M.Com.I
4	Cooperation and Rural Development Paper -IV (Research Project)	M.Com.I
5	Advanced Costing Paper -VI (Project Work & Viva-Voce)	M.Com.II
6	Marketing Management Paper -VI (Project Work & Viva-Voce)	M.Com.II
7	Cooperation and Rural Development Paper -VI (Project Work & Viva-Voce)	M.Com.II
8	Project, Study- Tour, Viva – Voce	B.Sc. III (Mathematics)
9	Development Psychology-XIV	B.A.III (Psychology)
10	Advanced Tools, Techniques & Field Work in geography	B.A.III (Geography)
11	Molecular Biology, Animal Biotechnology, Biostatistics and Biotechnology	B. Sc. III (Zoology)
12	Introduction to Literary Criticism	B.A. III (English)
13	English Poetry	B.A. III (English)
14	English Drama	B.A. III (English)
15	English Novel	B.A. III (English)
16	Language and Linguistics	B.A. III (English)
17	Practical III (Based on Paper No. XI and XVI)	B.Sc. III (Botany)
18	Marathi Paper No. XII	B.A. III (Marathi)
19	Marathi Paper No. XIII	B.A. III (Marathi)
20	Marathi Paper No. XIV	B.A. III (Marathi)
21	Marathi Paper No. XV	B.A. III (Marathi)
22	Marathi Paper No. XVI	B.A. III (Marathi)
23	A Project Report & Viva -Voce	B.Sc. III (Statistics)
24	Political Science Paper No. XII	B.A. III (Political Science)
25	Political Science Paper No. XIII	B.A. III (Political Science)
26	Political Science Paper No. XIV	B.A. III (Political Science)
27	Political Science Paper No. XV	B.A. III (Political Science)
28	Major Project	BCA. III
29	Core Course Practical in Chemistry-VI	B.Sc. III (Chemistry)
30	Core Course Practical in Chemistry Sem IV (Organic Chemistry Practical Course)	M.Sc. II (Chemistry)
31	Hindi Paper No. VII	B.A. III (Hindi)
32	Hindi Paper No. VIII	B.A. III (Hindi)
33	Hindi Paper No. IX	B.A. III (Hindi)
34	Hindi Paper No. X	B.A. III (Hindi)
35	Hindi Paper No. XI	B.A. III (Hindi)
36	Environmental Studies	B.A. II, B.Sc. II, B. Com. II & BCA. II



  
**PRINCIPAL**  
**KISAN VEER MAHAVIDYALAYA**  
Wai, Dist. Satara

# SHIVAJI UNIVERSITY, KOLHAPUR



ESTD. 1962  
NAAC A++ Grade

**Faculty of Commerce and Management**

**Master of Commerce (M. Com.)**  
**Under Choice Based Credit System (CBCS)**  
(Structure and Syllabus in accordance with National Education Policy to be  
implemented from Academic Year 2022-23)

## Semester- II

Sr. No.	Course Type	Teaching Scheme						Examination Scheme					
		Theory			Practical			Semester end Exam.			Internal Assessment		
		No. of L	Hours	Credits	No. of P	Hours	Credits	Paper Hours	Max.	Min.	IA	Max.	Mio.
1	DSC-3	04	04	04	-	-	-	03	80	32	IA	20	08
2	DSE-A-III	04	04	04	-	-	-	03	80	32	IA	20	08
3	DSE-A-IV	04	04	04	-	-	-	03	80	32	IA	20	08
4	I/A	-	-	-	-	12	06	03	150	60	-	-	-
5	SEC-1	02	02	02	-	-	-	02	50	20	-	-	-
	<b>Total</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>-</b>	<b>12</b>	<b>06</b>		<b>370</b>				

DSC- Discipline Specific Course, DSE- Discipline Specific Elective,

I/A- Internship/ Apprenticeship, SEC- Skill Enhancement Course

IA- Internal Assessment, L- Lecture, P- Practical

Note: 1) For each course of 4 credits, requirement of hours for a semester will be 60 hours.

2) For internship/apprenticeship, requirement of hours for a semester will be minimum 180 hours.

3) Internal Assessment will include internal test (10 marks) and seminar (10 marks) for all DSC and DSE courses.

Semester-I		Semester-II	
Course Code	Course (Subject)	Course Code	Course (Subject)
DSC-1	Business Management	DSC-3	Organizational Behaviour
DSC-2	Managerial Economics		
DSE-A-I	Advanced Accountancy Paper –I	DSE-A-III	Advanced Accountancy Paper - III (Research Methodology)
DSE-A-II	Advanced Accountancy Paper –II (Auditing)	DSE-A-IV*	Advanced Accountancy Paper – IV (Research Project)
DSE-B-I	Advanced Costing Paper –I	DSB-B-III	Advanced Costing Paper - III (Research Methodology)
DSE-B-II	Advanced Costing Paper -II	DSE-B-IV*	Advanced Costing Paper - IV (Research Project)
DSE-C-I	Taxation Paper –I (Income Tax)	DSE-C-III	Taxation Paper - III (Income Tax) (Research Methodology)
DSE-C- II	Taxation Paper –II (Income Tax)	DSE-C- IV *	Taxation Paper - IV (Research Project)
DSE-D -I	Advanced Banking and Financial System Paper -I (Law and Practice of Banking in India)	DSE-D –III	Advanced Banking and Financial System Paper - III (Law and Practice of Banking in India) (Research Methodology)
DSE-D -II	Advanced Banking and Financial System Paper –II (Bank Management)	DSE-D –IV*	Advanced Banking and Financial System Paper - IV (Research Project)
DSE-E -I	Business Administration Paper –I (Introduction to	DSE-E -III	Business Administration Paper-III (Functional Areas of

	Business Administration)		Management: HR and Operations) (Research Methodology)
DSE -E-II	Business Administration Paper –II (Functional Areas of Management: Marketing and Finance)	DSE -E-IV*	Business Administration Power – IV (Research Project)
DSE-F- I	Insurance Paper –I (Fundamentals of Insurance)	DSE-F- III	Insurance Paper - III (Principles & Practice of Life Insurance) (Research Methodology)
DSE-F-II	Insurance Paper - II (Fundamentals of Insurance)	DSE-F-IV*	Insurance Paper - IV (Research Project)
DSE -G-I	Advanced Statistics Paper –I (Mathematical Methods)	DSE -G-III	Advanced Statistics Paper - III (Design of Experiments) (Research Methodology)
DSE -G -II	Advanced Statistics Paper - II (Operations Research)	DSE-G-IV*	Advanced Statistics Paper - IV (Research Project)
DSE-H-I	Cooperation and Rural Development Paper - I (Principles of Cooperation)	DSE-H-III	Cooperation and Rural Development Paper-III (Rural Management) (Research Methodology)
DSE -H- II	Cooperation and Rural Development Paper - II (Rural Economy of India)	DSE -H- IV *	Cooperation and Rural Development Paper - IV (Research Project)
DSE-I- I	Marketing Management Paper –I (Principles of Marketing)	DSE-I- III	Marketing Management Paper - III (Sales and Distribution Management) (Research Methodology)
DSE-I- II	Marketing Management Paper –II (Consumer Behaviour)	DSE-I- IV*	Marketing Management Paper - IV (Research Project)
DSE-J-I	Small Business and Entrepreneurship Paper-I	DSE-J-III	Small Business and Entrepreneurship Paper-III (Research Methodology)
DSE-J- II	Small Business and Entrepreneurship Paper-II	DSE-J- IV *	Small Business and Entrepreneurship Paper – IV (Research Project)
DSE -K-I	Secretarial Practice Paper-I	DSE -K-III	Secretarial Practice Paper-III (Research Methodology)
DSE-K- II	Secretarial Practice Paper -II	DSE-K- IV *	Secretarial Practice Paper – IV (Research Project)
DSE-L-1	Retail Management Paper -I	DSE-L-III	Retail Management Paper – III (Research Methodology)
DSE-L-II	Retail Management Paper -II	DSE-L-IV*	Retail Management Paper - IV (Research Project)
DSE-M-I	International Business Paper-I	DSE-M-III	International Business Paper – III (Research Methodology)
DSE-M-II	International Business Paper - II	DSE-M-IV*	International Business Paper – IV (Research Project)
DSE-N-I	E-Commerce Paper-I	DSE-N-III	E-Commerce Paper-III (Research Methodology)
DSE-N-II	E-Commerce Paper-II	DSE-N-IV*	E-Commerce Paper-IV

**Shivaji University Kolhapur**  
**Syllabus in accordance with NEP- 2020**  
Introduced from Academic Year 2022-23  
**DSE-IV: All Specializations**  
**(Research Project)**

**(Note: Not for students on Distance Mode)**

<b>Course Outcomes</b>	<ol style="list-style-type: none"><li>1. Identify the research problem and formulate objectives</li><li>2. Choose appropriate methodology with proper tools and techniques</li><li>3. Analyze and interpret the data collected from different sources.</li><li>4. Make decision or find out conclusions on the basis of data analysis.</li></ol>
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Marks: 60 (Research Project); 40 (Project Viva): Total 100 Credits: 4

**Guidelines for the Project Work**

1. Project report can be prepared on any compulsory or respective optional subject.
2. However, it is better to select any topic from their own specialization because it should be their worthwhile experience in their own specialized subject.
3. Students are required to prepare the Project Report based on the field work. If Project Report is based on secondary data, it should be supplemented by primary data.
4. The project report should be prepared under the guidance of the Project Guide. The Project Report shall contain at least five chapters as follows:
  - Chapter I: Introduction and Research Methodology
  - Chapter II: Conceptual or Theoretical Background
  - Chapter III: Profile of the Study Area/ Organization
  - Chapter IV: Analysis and Interpretation of Data
  - Chapter V: Conclusion (Findings, Suggestions and Conclusion)
5. Project Work will be done by the student individually.
6. The Project report shall consist of at least typed 50 Pages.
7. Two Copies of typed Project Report should be submitted through the concerned college before commencement of semester-end examination.
8. All recognized P.G. Teachers under the Faculty of Commerce and Management are eligible to work as Project Guide.
9. The Responsibility of guiding the projects will be shared by all recognized and P.G. Teachers in proportion.
10. Project viva shall be conducted by the panel of examiners as decided by the University. For this purpose, the following points may be kept in mind while assessing the project reports:
  - a. The panel of experts should try to verify that the candidate has done the project on his own and also identify his/her insight in the research problem concerned. The quality of the work should be evaluated on the basis of novelty, contribution to the society or business and developing critical thinking, analytical thinking and decision-making skills of students.
  - b. Panel of viva-voce examination will consist of three experts (one expert is internal and two are external, the chairman will be one of senior most from external experts. The university will appoint these experts and the remuneration as well as TA/DA will be paid by the university to all three experts as per the university rules.
  - c. The evaluation of Project Work-Viva Voce for 100 marks will be made collectively by Internal and External Examiners and the average of these marks will be taken as final marks. The Chairman has to submit final marks to the university.
  - d. The viva voce examination shall be conducted during at the end of the second semester, preferably immediately after the theory examination.

**M.Com. (CBCS) Part-II (Semester-III)**  
**Paper-VI : DSE-B-VI Advanced Costing**  
**(Project Work and Viva-Voce)**

4 Credits

**Course Outcomes:**

1. To identify the research problem and formulate objectives.
2. To choose appropriate methodology with proper tools and techniques.
3. To analyze and interpret the data collected from different sources.
4. To make decision or find out conclusions on the basis of data analysis.

Project Work and Viva-Voce:

100 Marks

Project Work 60 Marks

Viva-Voce 40 Marks

**Project Work:**

- 1) Project report can be prepared on any compulsory or respective optional subject based on field work. However, it is better to select any topic from their own specialization because it should be their worthwhile experience in their own specialized subject.
- 2) Students are required to prepare the Project Report based on the field work and studying the current trends in commerce & Management under the guidance of the Project Guide. Project Report should not be based on only secondary data.
- 3) The Project Report contents at least following aspects:
  - (e) Chapter-I Introduction: It will include Statement of the Problem, Objectives of the Project, methodology, scope and limitations, chapter scheme etc.
  - (f) Chapter-II Review of Literature/Theoretical Background/Conceptual Framework Chapter-III Profile of the Organization/Area
  - (g) Chapter-IV Analysis and Interpretation of the Data
  - (h) Chapter-V Conclusion: It will include observations, findings, suggestions, and conclusions.
- 4) Project Work will be done by the student individually.
- 5) The Project report shall consist of at least typed 50 Pages.
- 6) Two Copies of typed Project Report should be submitted through the concerned college up to 1st March of the year concerned.
- 7) All recognized P.G. Teachers under the Faculty of Commerce and Management are eligible to work as Project Guide.
- 8) The Responsibility of guiding the projects will be shared by all recognized and P.G. Teachers in proportion.
- 9) All students should submit the Project report on or before 30th September.

**Viva-voce:**

- 1) The panel of experts should try to verify that the candidate has done the project on his own and also identify his/her insight in the research problem concerned. The quality of the work should be evaluated on the basis of novelty, contribution to the society or business and developing critical thinking, analytical thinking and decision-making skills towards students.
- 2) Panel of viva-voce examination will consist of three experts (one expert is internal and two are external, the chairman will be senior most from external experts. The university will appoint these experts and the remuneration as well as TA/DA will be paid by the university to all three experts as per the university rules.

- 3) The evaluation of Project Work-Viva Voce for 100 marks will be made collectively by Internal & External Examiners and the average of these marks will be taken as final marks. The Chairman has to submit final marks to the university.
- 4) The evaluation of Project Work-Viva-Voce will be conducted after completion of the Semester-III but before the commencement of theory examination. It will be conducted by the Internal & External Examiners.

M.Com. (CBCS) Part-II (Semester-III)  
Paper – VI : DSE-VI -Marketing Management

(Project Work and Viva-Voce)

4 Credits

**Course Outcomes:**

1. To identify the research problem and formulate objectives.
2. To choose appropriate methodology with proper tools and techniques.
3. To analyze and interpret the data collected from different sources.
4. To make decision or find out conclusions on the basis of data analysis.

**Project Work and Viva-Voce:**

100 Marks

**Project Work**

60 Marks

**Viva-Voce**

40 Marks

**Project Work:**

- 1) Project report can be prepared on any compulsory or respective optional subject based on field work. However, it is better to select any topic from their own specialization because it should be their worthwhile experience in their own specialized subject.
- 2) Students are required to prepare the Project Report based on the field work and studying the current trends in commerce & Management under the guidance of the Project Guide. Project Report should not be based on only secondary data.
- 3) The Project Report contents at least following aspects:
  - (u) Chapter-I Introduction: It will include Statement of the Problem, Objectives of the Project, methodology, scope and limitations, chapter scheme etc.
  - (v) Chapter-II Review of Literature/Theoretical Background/Conceptual Framework Chapter-III Profile of the Organization/Area
  - (w) Chapter-IV Analysis and Interpretation of the Data
  - (x) Chapter-V Conclusion: It will include observations, findings, suggestions, and conclusions.
- 4) Project Work will be done by the student individually.
- 5) The Project report shall consist of at least typed 50 Pages.
- 6) Two Copies of typed Project Report should be submitted through the concerned college up to 1st March of the year concerned.
- 7) All recognized P.G. Teachers under the Faculty of Commerce and Management are eligible to work as Project Guide.
- 8) The Responsibility of guiding the projects will be shared by all recognized and P.G. Teachers in proportion.
- 9) All students should submit the Project report on or before 30th September.

**Viva-voce:**

- 1) The panel of experts should try to verify that the candidate has done the project on his own and also identify his/her insight in the research problem concerned. The quality of the work should be evaluated on the basis of novelty, contribution to the society or business and developing critical thinking, analytical thinking and decision-making skills towards students.
- 2) Panel of viva-voce examination will consist of three experts (one expert is internal and two are external, the chairman will be senior most from external experts. The university will appoint these experts and the remuneration as well as TA/DA will be paid by the university to all three experts as per the university rules.

- 3) The evaluation of Project Work-Viva Voce for 100 marks will be made collectively by Internal & External Examiners and the average of these marks will be taken as final marks. The Chairman has to submit final marks to the university.
- 4) The evaluation of Project Work-Viva-Voce will be conducted after completion of the Semester-III but before the commencement of theory examination. It will be conducted by the Internal & External Examiners.

M.Com. (CBCS) Part-II (Semester-III)  
**Paper-VI : DSE-H-VI Cooperation and Rural Development**  
(Project Work and Viva-Voce)

4 Credits

**Course Outcomes:**

1. To identify the research problem and formulate objectives.
2. To choose appropriate methodology with proper tools and techniques.
3. To analyze and interpret the data collected from different sources.
4. To make decision or find out conclusions on the basis of data analysis.

**Project Work and Viva-Voce:**

**100 Marks**

**Project Work**

**60 Marks**

**Viva-Voce**

**40 Marks**

**Project Work:**

- 1) Project report can be prepared on any compulsory or respective optional subject based on field work. However, it is better to select any topic from their own specialization because it should be their worthwhile experience in their own specialized subject.
- 2) Students are required to prepare the Project Report based on the field work and studying the current trends in commerce & Management under the guidance of the Project Guide. Project Report should not be based on only secondary data.
- 3) The Project Report contents at least following aspects:
  - (q) Chapter-I Introduction: It will include Statement of the Problem, Objectives of the Project, methodology, scope and limitations, chapter scheme etc.
  - (r) Chapter-II Review of Literature/Theoretical Background/Conceptual Framework Chapter-III Profile of the Organization/Area
  - (s) Chapter-IV Analysis and Interpretation of the Data
  - (t) Chapter-V Conclusion: It will include observations, findings, suggestions, and conclusions.
- 4) Project Work will be done by the student individually.
- 5) The Project report shall consist of at least typed 50 Pages.
- 6) Two Copies of typed Project Report should be submitted through the concerned college up to 1st March of the year concerned.
- 7) All recognized P.G. Teachers under the Faculty of Commerce and Management are eligible to work as Project Guide.
- 8) The Responsibility of guiding the projects will be shared by all recognized and P.G. Teachers in proportion.
- 9) All students should submit the Project report on or before 30th September.

**Viva-voce:**

- 1) The panel of experts should try to verify that the candidate has done the project on his own and also identify his/her insight in the research problem concerned. The quality of the work should be evaluated on the basis of novelty, contribution to the society or business and developing critical thinking, analytical thinking and decision-making skills towards students.
- 2) Panel of viva-voce examination will consist of three experts (one expert is internal and two are external, the chairman will be senior most from external experts. The university will appoint these experts and the remuneration as well as TA/DA will be paid by the university to all three experts as per the university rules.
- 3) The evaluation of Project Work-Viva Voce for 100 marks will be made collectively by Internal & External Examiners and the average of these marks will be taken as final marks. The Chairman has to submit final marks to the university.

- 4) The evaluation of Project Work-Viva-Voce will be conducted after completion of the Semester-III but before the commencement of theory examination. It will be conducted by the Internal & External Examiners.



**B.Sc. (Mathematics) (Part-III) (Semester-V & VI)**  
**(Choice Based Credit System)**  
**(Introduced from June 2020)**

**Course Code: CCPM VII**

**Title of Course: Project, Study- Tour, Viva – Voce**

**A :PROJECT [30 Marks]**

Each student of B.Sc. III is expected to read, collect, understand the culture of Mathematics, its historic development. He is expected to get acquainted with Mathematical concepts, innovations, relevance of Mathematics. Report of the projectwork should be submitted through the respective Department of Mathematics. Evaluation of the project report will be done by the external examiners at the time of annual examination.

**B. STUDY TOUR [05 Marks] :**

It is expected that the tour should contain at least renowned academic institution so that the visiting students will be inspired to go for higher studies in Mathematics.

**C. SEMINARS: [05 Marks]**

Students should present a seminar before the B.Sc.III class on some topic in Mathematics.

**D. VIVA-VOCE (on the project report). [10 Marks]**

**Nature of Question papers (Theory)**

Common nature of question for theory paper mentioned separately:

There will be practical at the end of second term that is annual pattern,

**Nature of Practical Question Paper**

**(1) Core Course Mathematics Practicals - IV**

This carries 50 marks.

Examination : 40 Marks

Journal : 10 Marks

**(2) Core Course Mathematics Practicals - V**

This carries 50 marks.

Examination : 40 Marks

Journal : 10 Marks

**(3) Core Course Mathematics Practicals - VI**

This carries 50 marks.

Examination : 40 Marks

Journal : 10 Marks

**(4) Core Course Mathematics Practicals - VII**

This carries 50 marks.

Project : 30 Marks ( External Examiner)

Study Tour : 05 Marks ( External Examiner)

Seminar : 05 Marks ( External Examiner)

Viva Voce : 10 Marks ( External Examiner)

**Note :** Each student of a class will select separate topic for project work. He/ She should submit the reports of his / her project work , Study tour report to the department and get the same certified.

**Teaching Periods :**

(i) Total teaching periods for Paper –DSE E-9, E-10,E-11,E-12, F-9,F-10, F-11,F-12 are 12 (Twelve) per week. 3 (Three) periods per paper per week.

(ii) Total teaching periods for CCPM-IV, V,VI,VII for the whole class are 20 (Twenty) per week. 5 (Five) periods per Lab. Perweek.

Shivaji University, Kolhapur  
New/Revised Syllabus (CBCS)  
For  
Bachelor of Arts  
(B.A. Part- III)  
Semester -V  
Paper- VII to XI

1. **TITLE:** Subject Psychology  
Optional under the Faculty of Humanities
2. **YEAR OF IMPLEMENTATION:** - New/Revised Syllabus (CBCS) will be implemented from June, 2020 onwards.
3. **PREAMBLE:-**  
The Board of Studies should briefly mention foundation, core and applied components of the course/paper. The student should get into the prime objectives and expected level of study with required outcome in terms of basic and advance knowledge at examination level.
4. **GENERAL OBJECTIVES OF THE COURSE/ PAPER:** (As applicable to the Degree /Subject- Paper concerned)
  - 1) To make students familiar with the field of cognitive psychology.
  - 2) To make aware students with the field of Cross cultural psychology.
  - 3) To make students familiar with the various psychological disorders.
  - 4) To acquaint the students with Current Trends in Psychology.
  - 5) To make students familiar with experiments and statistical methods.
5. **DURATION**
  - The course shall be a full time course.
  - The duration of course shall be of Three years.
6. **PATTERN:-**  
Pattern of Examination will be Semester.
7. **FEE STRUCTURE:** - (as applicable to regular/self supporting course) As per Government / University rules/norms.
8. **ELIGIBILITY FOR ADMISSION:-**  
As per eligibility criteria prescribed for each course and the merit list in the qualifying examination.

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9. **MEDIUM OF INSTRUCTION:**  
The medium of instruction shall be in English or Marathi. (As applicable to the course/programme concerned.)
  10. **INTERNAL ASSESSMENT**  
Per paper there will be internal assessment for ten marks. Each student has to submit seminar/ research paper/ case study / field visit report/ survey report/ panel discussion / Review of books, movies, websites etc.

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**Shivaji University, Kolhapur**  
**B.A. (III)**  
**Choice Based Credit System**  
**(Introduced from June, 2020 onwards)**

**Semester-VI Course Code: DSE – E –213**

**i. Paper**                    **XIV**

**ii. Title of paper**        **: DEVELOPMENTAL PSYCHOLOGY**

**iii. Specific objectives:**

1. To acquaint the students with processes of change and stability through about the life span development.
2. To introduce students the process of birth.
3. To acquaint the students with emotions, self - development of Infancy and intellectual development of childhood.
4. To recognize students with Identity, relationship and problems of Adolescents.
5. To introduce students with career, health and personality development of Adulthood.

<b>iv. Module</b>	<b>No. of Credits</b>
Module I: An Introduction to Lifespan Development	01
Module II: Infancy and Childhood	01
Module III: Adolescence	01
Module IV: Adulthood	01

**V. Recommended reading**

**a) Book for Study:**

Feldman Robert S. & Babu Nandita (2018). *Development Across the Lifespan* (8<sup>th</sup> edition) Noida (UP): Pearson India Education Services Pvt. ISBN 978-93-528-6576-5

**b) Books for Reference:**

Hurlock E. B. (2001). *Developmental Psychology: A Life Span Approach*, New Delhi: TMH Publishing Company Ltd.

Papalia, Diane E., and Olds Sally Wendkas (2002). *Human Development*, 7th edition, Second print, New Delhi: Tata McGraw Hill Publishing Co. Ltd.

Santrock, J. W. (2011). *Life Span Development*, Thirteenth edition, New Delhi: McGraw – Hill Education (India) Pvt. Ltd.

Borude, Kumthekar, Desai, Golvilkar (2013). *Vaikasik Manasshatra, dusariaavrutti*, Pune: Vidyarthi GruhaPrakashan.

Revised Syllabus for B. A. – III and B. A. B. Ed.

(Introduced from June 2020 Onwards)

Revised Syllabus for

B. A. (Part III) Geography

DSE-E235 or Paper No. XIV (Practical Paper -II)

(ii) Title of Paper - **Advanced Tools, Techniques & Field Work in Geography(100 Marks)**

**Module-I: Introduction to Computer Lectures- 50**

**Marks-10**

1.1: Introduction to Computer

1.2: Application of computer in geography

1.2.1: Construction of Line Graphs, Bar Graphs

1.2.2: Construction of Pie Diagram and Scatter Diagram

1.3: Application of Excel for Data Analysis

**Module-II: Remote Sensing Lectures- 50**

**Marks-15**

2.1 Definition of Remote Sensing

2.2 Fundamentals of Remote Sensing: EMR, Sensors and Platforms

2.3 Application of Remote Sensing in Geography

2.4 Aerial photographs and Satellite imagery: Definition, types and difference between them

2.5 Determination of Photo Scale

2.6 Elements of image interpretation

2.7 Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery

**Module-III: GIS and GNSS Lectures- 50**

**Marks-15**

3.1 Geographical Information System (GIS)

3.1.1 Definition and components

3.1.2 GIS Data Structure: Types (spatial and non-spatial), Raster and Vector data

3.1.3 Georeferencing, Digitization, Map Layout Preparation

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3.1.4 Application of GIS in Geography: Land use or Land Cover, Urban Sprawl Analysis, Forests Monitoring

3.2 Global Navigation Satellite System

3.2.1 Definition and components

3.2.2: GPS and its applications in Geography

3.2.3 Field work in GPS: Determining latitude, longitude and altitude

3.3: Exercise with Google earth Program.

**Module-IV: Statistical methods and techniques** Lectures- 60

**Marks-10**

4.1 Measures of Central Tendency: Mean, Median and Mode

4.2 Dispersion: Mean Deviation and Standard Deviation

4.3 Association and Correlation: Karl Pearson's Method (Product Moment)

4.4 Analysis of Time Series: Semi-average Method

**Module-V: Surveying** Lectures- 60

**Marks-15**

5.1 Introduction to Survey: Meaning and types

5.2 Preparation of plans of the given area with the following survey method

(Any one methods among them)

A- Plane Table survey (Radial, Intersection, and Traverse method)

B- Dumpy Level survey

C- Theodolite survey

D- Total Station

E- Abony Level Survey

5.3 Preparation of plans Prismatic compass survey (Radical, Intersection and Traverse method)

5.3.1 Types and conversion of bearings.

5.3.2 Correction of bearing.

**Module-VI: Project work based on field work any one of following:**

**Marks-15**

Resource survey, Population survey, Agricultural survey, Settlement Survey,

Environmental issues, Industrial visit, Health survey, Natural Hazard or Disaster

1. Project Report must be content of following points:

- 
- Introduction – Aims – Objectives - Review of the literature - Data collection –  
Methodology - Data Analysis – Interpretation - Findings – Suggestions - Bibliography
2. The duration of the field work should not exceed than 20 days.
  4. The word count of the report should be about 8000 to 12,000 excluding figures, tables, photographs, maps, references and appendices.
  5. One copy per student of the report as per research standard should be submitted at the time of examination.

**Module- VII: Study Tour**

**Marks-10**

Maximum 15 days of Study Tour and preparation of Tour Report.

The Study Tour Report must be content of following points:

Introduction – Necessity – Importance - Route map – Objectives – Methodology -  
Geographical Profile (Natural, Socio-economic and Cultural) - Geographical importance of  
visited tourist places – Conclusion – References

**Journal and Viva Voce**

**Marks 10**

**Note :**

1. Use of stencils, log tables, computer and calculator is allowed.
2. Journal should be completed and duly certified by practical in-charge and Head of the Department.

**Reference:**

21. Lo C. P., Albert K. W. Yeung, (2011): Concepts and Techniques of Geographic Information Systems, PHI Learning Private Limited, New Delhi-110001.
22. Bygoot, J: An Introduction to Mapwork and Practical Geography, University Tutorial, London 1964.
23. Khan MD. Zulfeqar Ahmad : Text Book of Practical Geography, Concept Publishing Company, New Delhi, 1998
24. Mishra, R.P. and Ramesh A. : Fundamentals of Cartography, Concept Publishing Company, New Delhi, 2000
25. Monkhouse F.J. and Wilkison, H.R.: Maps and Diagrams, Mathuen. London, 1971.
26. Negi. , Dr. Balbir Singh : Practical Geography, Kedar Nath Ram Nath, Meerut, Delhi.
27. Raisz, E.: Principals of Cartography, McGraw Hill Book Com., Inc, New York, 1962.
28. Robinson, A.H. and Sale, S.D.: Elements of Cartography, John Witey and Sons, Inc, New York, 1969.

Shivaji University, Kolhapur  
 B. A. Part III  
 Special English  
**INTRODUCTION TO LITERARY CRITICISM (CBCS)**  
 Discipline Specific Elective  
 Semester V (Paper VII) (DSE- E11) & Semester VI (Paper XII) (DSE- E136)  
 From June 2020 onwards

**Course Objectives:**

- To introduce students to the major trends in literary criticism.
- To familiarize students with the major critical concepts.
- To help students to study the original contributions made in the field of literary criticism.
- To acquaint students with the various literary and critical movements.
- To train students to write critical appreciation of poetry.

**Course Outcomes:**

- Students are able to understand the major trends in criticism.
- Students are able to interpret critical concepts.
- Students are able to study the original contributions to literary criticism.
- Students are acquainted with literary and critical movements.
- Students are able to understand the meaning and appreciate the poems critically.

Semester V(Paper VII) (DSE- E11)	
<b>Module I</b>	<b>Introduction to Literary Criticism:</b> 1. Nature of Criticism 2. Function of Criticism
<b>Module II</b>	<b>Classical Criticism:</b> 1. The Concept of Tragedy 2. The Ideal Tragic Hero (From Aristotle's <i>Poetics</i> )
<b>Module III</b>	<b>Neo-classical Criticism:</b> Dr. Samuel Johnson's <i>Preface to Shakespeare</i> (1765)
<b>Module IV</b>	<b>Literary Terms:</b> 1. Symbolism      2. Realism 3. Humour          4. Paradox
<b>Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR</b>	
Semester VI (Paper XII) (DSE- E136)	
<b>Module V</b>	<b>Romantic Criticism:</b> William Wordsworth's Theory of Poetic Diction (From William Wordsworth's <i>Preface to Lyrical Ballads</i> )
<b>Module VI</b>	<b>Victorian Criticism:</b> Matthew Arnold's Touchstone Method ( From Matthew Arnold's <i>The Study of Poetry</i> )
<b>Module VII</b>	<b>Modern Criticism:</b>

	T S Eliot's <i>Tradition and Individual Talent</i> (1919)
<b>Module VIII</b>	<b>Practical Criticism:</b> Poetry
<b>Note: Semester VI: 10 Marks for Internal Evaluation: STUDENTS' GROUP PROJECT</b>	

Shivaji University, Kolhapur

B. A.III

English Special

ENGLISH POETRY (CBCS)

Discipline Specific Elective

Semester V (Paper VIII) (DSE – E12) and Semester VI (Paper XIII) (DSE – E137)

(From June 2020 Onwards)

**Course Objectives:**

- To make students engaged and curious readers of poetry
- To introduce students to poetry from various cultures and traditions
- To make students understand that poetry gives intellectual, moral and linguistic pleasures
- To make students hear and read poems aloud and to memorize lines

**Course Outcomes:**

- Students will be able to trace the development of the poetry in English from the days of Shakespeare to the contemporary India.
- Students will be able to appreciate and analyze the poems properly.
- Students will have a fairly comprehensive view of the Western and Eastern poetic tradition and they will be able to relate it to various literary movements.
- Students will have an insight into poetry and they will be able to make a lively and interesting reading.

SEMESTER V (Paper VIII) (DSE – E12)		
MODULE NO.	TITLE OF THE MODULE	NAME OF THE POET
<b>I.</b>	<b>Topics For Background Readings:</b>	
	1. Elizabethan Poetry	
	2. Metaphysical Poetry	
	3. Romantic Poetry	
<b>II.</b>	<b>Selections from Elizabethan Poetry:</b>	
	1. Sweet Warrior (Sonnet 57)	Edmund Spenser
	2. Sonnet To The Moon	Sir Philip Sydney
	3. Full Many A Glorious Morning... (Sonnet 33)	William Shakespeare
<b>III.</b>	<b>Selections from Metaphysical Poetry:</b>	
	1. The Sun Rising	John Donne
	2. The Retreat	Henry Vaughan
	3. The Collar	George Herbert
<b>IV.</b>	<b>Selections from Romantic Poetry:</b>	
	1. My Heart Leaps Up	William Wordsworth
	2. The Rime of the Ancient Mariner	S. T. Coleridge
	3. Ozymandias	P. B. Shelley
	4. When We Two Parted	Lord Byron
<b>*Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR</b>		



SEMESTER VI (Paper XIII) (DSE – E137)		
MODULE NO.	TITLE OF THE MODULE	NAME OF THE POET
<b>V. Topics For Background Readings:</b>		
1.	Victorian Poetry	
2.	Modern English Poetry	
3.	Modern Indian English Poetry	
<b>VI. Selections from Victorian Poetry:</b>		
1.	The Lady Of Shallot	Alfred Lord Tennyson
2.	My Last Duchess	Robert Browning
3.	Love Came Down At Christmas	Christiana Rossetti
<b>VII. Selections from Modern English Poetry:</b>		
1.	No Second Troy	W. B. Yeats
2.	The Hollow Men	T. S. Eliot
3.	Tonight I Can Write	Pablo Neruda
<b>VIII. Selections from Modern Indian English Poetry:</b>		
1.	The Professor	Nissim Ezekiel
2.	A Hot Noon in Malabar	Kamala Das
3.	A River	A. K. Ramanujan
4.	A Kind of Happiness	Jayanta Mahapatra
<b>*Note: Semester VI: 10 Marks for internal Evaluation: STUDENTS' GROUP PROJECT</b>		

**Division of Teaching Hours: 8 Modules x 15 Hours each= 120 Hours**

**Recommended Reading: Semester V and Semester VI**

- Appelbaum, Stanley. *English Romantic Poetry: An anthology*. Dover Publications Inc. 1996.  
 Burrow, Colin. *Metaphysical Poetry*. Penguin Classics. 2006.  
 Chaudhuri, Roshinka. *A History of Indian Poetry in English*. Cambridge University press. 2016.  
 Chaudhuri, Sukanta. *Modern Indian Literature*, New Delhi: OUP, 2004.  
 Courthope, W.J. *A History of English Poetry*. Vol.I Macmillan, 1995.  
 Craig, W.J. (ed.). *The Complete works of William Shakespeare*. Oxford: OUP., 1905.  
 Fenton, James. *An Introduction to English Poetry*. New York: Farrar, Strauss and Giroux, 2004.  
 Gardner, Martin. *The Annotated Ancient Mariner*, New York: Clarkson Potter, 1965.  
 Harold Bloom and Lionel Trilling. (ed.) *Romantic Prose and Poetry*, New York: OUP, 1973.  
 Mitra, Zinia (ed.). *Indian Poetry in English: Critical Essays*. New Delhi: PHI Learning Pvt Ltd., 2012.  
 Naik, M.K. *A History of Indian English Literature*. Delhi, 1982.  
 Narasimhaiah, C.D., (ed.) *An Anthology of Commonwealth Poetry*, Delhi: Macmillan, 1990.  
 Negri, Paul. *English Victorian poetry*. Dover Publications Inc. 1998  
 Ramanan, M.G. *Modern English Poetry: A Selection*. New Delhi: Orient Blackswan, 2013.  
 Samuel Taylor Coleridge, *Biographia Literaria*, ed. George Watson. London: Everyman, 1993.

Shivaji University, Kolhapur  
B. A. Part III  
Special English  
**ENGLISH DRAMA (CBCS)**

Discipline Specific Elective

Semester V (Paper IX) (DSE – E13) & Semester VI (Paper XIV) (DSE – E138)

From June 2020 onwards

**Course Objectives:**

- To make students understand different forms of drama
- To enable students to relate drama to their ideological or socio-political contexts
- To help students improve their creative and imaginative faculties through the reading of drama
- To enable students to know about various aspects of the drama

**Course Outcomes:**

- Students are able to understand different forms of drama.
- Students are able to relate drama to their ideological or socio-political contexts.
- Students are able to improve their creative and imaginative faculties through the reading of drama.
- Students are able to know about various aspects of the drama.

**Semester V (Paper IX) (DSE – E13)**

**MODULE I**

Definition and Elements of Drama

**MODULE II**

Tragedy as a Form

**MODULE III**

*The Importance of Being Earnest* - Oscar Wilde

**MODULE IV**

*Hamlet* – William Shakespeare

**Division of Teaching Hours: 4 Modules X 15 Periods = 60 Periods**

**Prescribed Texts:**

Wilde, Oscar. *The Importance of Being Earnest*. New Delhi: General Press, 2018.

Shakespeare, William. *Hamlet*. Penguin Books, 1980.

**\*Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR**

**Semester VI (Paper XIV) (DSE – E138)**

**MODULE V**

Types of Drama

**MODULE VI**

Comedy as a Form

**MODULE VII**

*Nagmandala* – Girish Karnad

**MODULE VIII**

*Harvest* – Manjula Padmanabhan

**Division of Teaching Hours: 4 Modules X 15 Periods = 60 Periods**

**Prescribed Texts:**

Karnad, Girish. *Nagmandala*. Oxford University Press, 1990.

Padmanabhan, Manjula. *Harvest*. Delhi: Penguin, 1997.

**\*Note: Semester VI: 10 Marks for Internal Evaluation: STUDENTS' GROUP PROJECT**

**Recommended Reading: Semester V and Semester VI**

Aasand, Hardin L. *Stage Directions in Hamlet: New Essays and New Directions*. NJ: Fairleigh Dickinson University Press, 2003.

Babu, Munchi Sarat. *Indian Drama*. New delhi: Prestige Books, 1997.

Bhatt, S.K. *Indian English Drama: A Critical Study*. New Delhi: Sterling Publishers Pvt. Ltd., 1987.

Bloom, Harold. *The Importance of Being Earnest: Modern Critical Interpretations*. Chelsea House Pub., 1988.

Driver, T.F. *Drama and History*. New York: Columbia University Press, 1967.

Ddiya, Jaydipsinh. (ed.) *The Plays of Girish Karnad: Critical Perspectives*. New Delhi: Prestige Books, 1999.

Gargy, Balwant. *Folk Theatre of India*. Calcutta: Rupa & Co., 1991.

Gillespie, Michael Patrick. *The Importance of Being Earnest*. (Norton Critical Editions).

W.W.Norton and Co., 2006.

Hibbard, G.R. (ed.) *Hamlet*. OUP: 1988.

Hirsh, James. *Shakespeare and the History of Soliloquies*. NJ: Fairleigh Dickinson University Press, 2003.

Joshi, R.G. *Myth in Indian Drama*. Delhi: B.R. Publishing Corporation, 1984.

Kumar, Nand. *Indian English Drama: A Study in Myths*. New Delhi: Sarup and sons, 2003.

MacCary, Thomas. *Hamlet: A Guide to the Play*. London: Greenwood Press, 1988.

Martin, James. *The Meaning of the 21<sup>st</sup> Century*. New York: Riverhead Penguin, 2007.

Priestley, J.B. *The Art of the Dramatist*. London: Heinemann, 1957.

Rajkumar, K. *Socio-Political Realities in Harvest*. Purna:RHI, Mahmul, 2012.

Robertson, Ronald. *Globalization: Social Theory and Global Culture*. London: Sage, 1992.

Sen, B. *The Importance of Being Earnest*. Unique Publishers, 2015.

Styan, J.L. *The Elements of Drama*. Cambridge: Cambridge University Press, 1967.

Vaidyanathan, G. *The Importance of Being Earnest*. New Delhi: Narain Publications, 2018.

Worthen, W.B. (ed.). *Anthology of Drama* (Fourth edition). London: Cengage Learning EMEA, 2004.

Shivaji University, Kolhapur  
B. A. Part III Special English  
**ENGLISH NOVEL (CBCS)**  
Discipline Specific Elective  
Semester V (Paper X) (DSE – E14) & Semester VI (Paper XV) (DSE – E139)  
From June 2020 onwards

**Course Objectives:**

- To make students understand different forms of novel.
- To enable students to relate novels to their ideological or socio-political contexts.
- To help students to improve their creative and imaginative faculties through the reading of novels.
- To enable students to know about various aspects of the novel.

**Course Outcomes:**

- Students are able to understand different forms of novel.
- Students are able to relate novels to their ideological or socio-political contexts.
- Students are able to improve their creative and imaginative faculties through the reading of novels.
- Students are able to know about various aspects of the novel.

**SEMESTER V (Paper X) (DSE – E14)**

**MODULE I**

Rise and Development of the Novel

**MODULE II**

Aspects of the Novel

**MODULE III**

*The Old Man and the Sea* – Ernest Hemingway

**MODULE IV**

*The Power and the Glory* – Graham Greene

**Division of Teaching Hours: 4 Modules X 15 Periods = 60 Periods**

**Prescribed Texts:**

Hemingway, Ernest. *The Old Man and the Sea*. New York: Simon & Schuster, 1952.

Greene, Graham. *The Power and the Glory*. New York: Time Reading Special Edition. 1940, 1962.

**\*Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR**

**SEMESTER VI (Paper XV) (DSE – E139)**

**MODULE V**

Historical and Psychological Novel

**MODULE VI**

Satirical Novel and Epistolary novel

**MODULE VII**

*Animal Farm: A Fairy Tale* - George Orwell

**MODULE VIII**

*The Guide* - R. K. Narayan

**Division of Teaching Hours: 4 Modules X 15 Periods = 60 Periods**

**Prescribed Texts:**

Orwell, George. *Animal Farm: A Fairy Tale*. New York: Signet Classic, 1996.  
Narayan, R. K. *The Guide*. US: Viking Press, 1958.

**\*Note: Semester VI: 10 Marks for internal Evaluation: STUDENTS' GROUP PROJECT**

**Suggested Reading: for Semester V and Semester VI**

- Auden, W.H. *The Enchafed Flood: The Romantic Econography of the Sea*. New York: Random, 1950.
- Abrams, M. H. *A Glossary of Literary Terms* (8<sup>th</sup> Edition) New Delhi, Akash Press – 2007
- Bender, Bert. *Sea Brothers: The Tradition of American Sea Fiction from Moby-Dick to the Present*. Philadelphia: University of Pennsylvania Press, 1988.
- Bloom, Harold. *Ernest Hemingway's The Old Man and the Sea: Modern Critical Interpretations*. Cheasea House Publications, 2008.
- Bradbury, Malcolm. *The Novel Today*. Glasgow: F. C. Paperbacks, 1982.
- Brooks and Warren. *Understanding Fiction*. Prentice Hall, 1959.
- Dedria, Bryfonski & Hall, Sharon. *Twentieth Century Literary Criticism: George Orwell*. Michigan: Book Tower, 1979.
- Edel, Leon. *The Psychological Novel: 1900-1950*. Ludhiana: Kalyani, 1997.
- Forster, E. M. *Aspects of Novel*. London. 1949.
- Hynes, Samuel, ed. *Graham Greene: A Collection of Critical Essays*. New Jersey: Prentice Hall Inc. 1973.
- Jones, David P. *Graham Greene*. Edinburgh: Oliver and Boyd. 1963.
- Kerala, Calling. *From Eric Blair to George Orwell, Biography*. London: Sage, 2003.
- Kermode, Frank. *Sense of an Ending*. OUP, 1967.
- Lall, Pamji. *Graham Greene: The Power and the Glory: A Critical Study*. New Delhi: Roma Brothers India Pvt. Ltd. 2005.
- Lewis, R.w.B. & Conn, Petr J.ed. *Graham Greene: The Power and the Glory: Text and Criticism*. New York: The Viking Press, 1970.
- Lubbock, Percy. *The Craft of Fiction*. London: Jonahan Cape, 1965.
- Matz, Jesse. *The Modern Novel: A Short Introduction*. Oxford Blackwell, 2004.
- Meyers, Jeffery. *George Orwell: The Critical Heritage*. Routledge, 1997.
- Rimmon-Kennan, Shlomith. *Narrative Fiction*. London and New York: Routledge, 2005.
- Roy, Ruby. *A Critical Study of R.K. Narayan's Swami and Friends and The Guide*. Delhi: Kalpaz Publications, 2015.
- Rees, R. J. *Introduction to English Literature*. London: Macmillan, 1966/1968.
- Singh, P.K. *The Novels of R. K. Narayan :A Critical Study*. New Delhi: Atlantic Publishers.
- Stade, George, ed. *Six Contemporary British Novelists*. New York: Colombia University Press, 1976.
- Subramaniam, K.S. *Graham Greene: A Study of Graham Greene's Works*. Bareilly: Prakash Book Depot, 1978.
- Vinson, James, ed. *Contemporary Novelists*. London: St. James Press, 1972.
- Watt, Ian. *Rise of the Novel*. London: Penguin, 1957.
- Woodcock, George. *20<sup>th</sup> Century Fiction*. London: The Macmillan Press Ltd., 1983.
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Shivaji University, Kolhapur  
B.A. III  
English Special  
LANGUAGE AND LINGUISTICS (CBCS)  
Discipline Specific Elective  
Semester VI – Paper XVI (DSE - E140)  
From June 2020 onwards

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**Course Objectives:**

- To acquaint students with structures and functions of words and phrases.
- To enable students to know and identify elements and types of clauses.
- To study Subordination and Coordination.
- To study different ways of structuring clauses.

**Course Outcomes:**

- Students know words and phrases.
- Students know and identify elements and types of clauses.
- Students know types of sentences.
- Students know the different ways of structuring clauses

**Semester VI – Paper XVI (DSE - E140)**

**MODULE V**

Phrases

**MODULE VI**

Clauses

**MODULE VII**

Subordination and Coordination

**MODULE VIII**

Basic and Derived Structures

- i) Inversion / Fronting
- ii. Negation
- iii. Interrogation
- iv. Exclamation
- v. Omission of Certain Elements  
( Relative Pronouns, Comparative Clauses, Tag Questions)
- vi. Passivisation
- vii. Subject Raising
- viii. Style Transformation

**Note: Semester VI: 10 Marks for Internal Evaluation: STUDENTS' GROUP PROJECT**

**Division of Teaching Hours: 4 Modules X 15 Periods = 60 Periods**

**Shivaji University, Kolhapur**  
**B.Sc. III Botany ( CBCS Syllabus )**  
**Practical-III (Based on Paper No. XI and XVI)**

1. To study prokaryotic cells (bacteria), eukaryotic cells with the help of electron micrograph / photographs.
- 2 and 3 Study of the photomicrography technique.
- 4 Study of cell structure in Onion, *Hydrilla* leaf and *Spirogyra* filament.
- 5 Study of mitosis.
- 6 Study of meiosis.
7. Use of dialysis to separate smaller molecules from larger molecules.
- 8 Micrometry technique.
- 9 Study of DNA packaging by micrographs.
- 10 Study of Beer and Lambert's Law.
- 11 Preparation of permanent cytological slides.
- 12 Submission of photomicrograph.
- 13 Application of Biofertilizers - i) *Nostoc* ii) *Azotobacter* iii) *Rhizobium* iv) *Trichoderma*
- 14 Identification of organic manure – i) Green manure (*Crotolaria juncea*),  
ii) Vermicompost iii) Vermiwash
- 15 and Herbal Preparations of
- 16 i) Churn (Triphalachurna) ii) Kadha /Decoction (Adulsa)  
iii) Hair oil (Maka)iv) Shampoo (Ritha, Shikakai).
- 17 Biochemical test for drug adulteration of  
i) Haladi (*Curcuma longa*) ii) Hing (*Ferulaassa-foetida*)  
iii) Camphor (*Cinnamomum camphora*) iv) Saffron (*Crocus sativus*)
- 18 Macroscopic (Organoleptic) study of – i) Tulsi ii) Ginger iii) Methii v) Avala.
- 19 Determination of Vein-islet Number by Camera Lucida.
20. Phytochemical analysis- Qualitative tests for Tannins, Alkaloids, Saponins, Steroids, Terpenoids, Flavonoids, reducing sugars, carbohydrates. (Any four).
- 21 Visit to Herbal cosmetics industry/Pharma industry (Separate handwritten report to be submitted by student).

# SHIVAJI UNIVERSITY, KOLHAPUR



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Accredited by NAAC 'A' Grade

Revised Syllabus for

**Bachelor of Arts**

**B.A. Part-III - MARATHI**

**CHOICE BASED CREDIT SYSTEM**

(Syllabus will be implemented from June, 2020)



**शिवाजी विद्यापीठ, कोल्हापूर**  
**SHIVAJI UNIVERSITY, KOLHAPUR**

मराठी अभ्यास मंडळ

Board of Studies in Marathi

पसंतीवर आधारित श्रेयांक पद्धती

Choice Based Credit System

बी.ए. भाग-३ : B.A. Part-III

अभ्यासक्रम : Syllabus

June, 2020 onward

सत्र-६ : Semester No. 6 : अभ्यासपत्रिका क्र. XII

Discipline Specific Elective (DSE-E126)

विद्याशाखीय विशेष निवड (DSE-E126)

**साहित्यविचार**

उद्दिष्टे :

१. शब्दशक्तीचे आकलन करून घेणे.
२. साहित्यातील रसाचे स्वरूप व रसप्रक्रिया समजून घेणे.
३. निर्मितीच्या आनंदाची मीमांसा करणे.
४. व्यवहार भाषा, शास्त्रभाषा आणि साहित्यभाषा यांतील भेद समजून घेणे.
५. साहित्यभाषेचे आकलन करून घेणे.
६. भाषेतील छंद व वृत्ते यांचा अभ्यास करणे.

**अभ्यासक्रम**

अ. क्र. Sr. No.	घटक Topic	अध्यापन तासिका Teaching Hours	श्रेयांक Credit
विभाग १ Module I	शब्दशक्ती ■ शब्दशक्ती म्हणजे काय ? १) <b>अभिधा</b> —व्याख्या, स्वरूप व प्रकार (योग, रूढी, योगरूढी) २) <b>लक्षणा</b> – व्याख्या, स्वरूप ● लक्षणेस आवश्यक गोष्टी अ) मुख्यार्थवाच्य ब) मुख्यार्थ-लक्ष्यार्थ संबंध क) रूढी व प्रयोजन ● लक्षणेचे महत्त्व ३) <b>व्यंजना</b> – व्याख्या, स्वरूप ● व्यंजनेचे मुख्य दोन प्रकार अ) शाब्दी व्यंजना ब) आर्थी व्यंजना ● व्यंजनेचे साहित्यातील महत्त्व	१५	१

विभाग २ Module 2	<p>अ) रसविचार</p> <ul style="list-style-type: none"> <li>● रस म्हणजे काय ?</li> <li>● स्थायिभाव व रस</li> <li>● भरताचे रससूत्र</li> </ul> <p>ब) काव्यानंदमीमांसा</p> <ul style="list-style-type: none"> <li>● काव्यानंदमीमांसा म्हणजे काय ?</li> <li>● कवीचा आनंद</li> <li>१) क्रीडानंद २) निर्मितीचा आनंद ३) आत्माविष्कारानंद</li> <li>● रसिकाचा आनंद</li> <li>१) ज्ञानानंद २) जिज्ञासापूर्ती ३) पुनःप्रत्ययाचा आनंद</li> <li>● करुणरसानंद</li> <li>१) केवलानंदवाद २) विरेचन (कॅथार्सिस)</li> </ul>	१५	१
घटक ३ Module 3	<p>साहित्याची भाषा</p> <p>१) व्यवहारभाषा, शास्त्रभाषा व साहित्यभाषा : साम्यभेद</p> <p>२) साहित्याचे माध्यम भाषा</p> <p>३) साहित्य भाषेचे सौंदर्य</p> <p>४) साहित्य भाषेची विविधता</p>	१५	१
घटक ४ Module IV	<p>छंद व वृत्ते</p> <p>अ) छंद - १) ओवी २) अभंग ३) मुक्तछंद</p> <p>ब) वृत्ते - १) भुजंगप्रयात २) वसंततिलका ३) दिंडी (व्याख्या, स्वरूप व उदाहरणे अपेक्षित)</p>	१५	१

\* प्रश्नपत्रिकेचे स्वरूप व गुणविभागणी \*

**Pattern of Question Paper**

एकूण गुण - ४० : Total Marks-40

प्रश्न १	योग्य पर्याय निवडा	०५ गुण
प्रश्न २	अंतर्गत विकल्पासह दीर्घोत्तरी प्रश्न	१५ गुण
प्रश्न ३	अंतर्गत विकल्पासह लघूत्तरी प्रश्न (तीन पैकी दोन)	१० गुण
प्रश्न ४	छंद व वृत्ते (चार पैकी दोन)	१० गुण

**सूचना :**

1. विभाग चार वर वस्तुनिष्ठ प्रश्न असणार नाहीत.
2. गटप्रकल्पासाठी अंतर्गत मूल्यमापनाकरिता प्रती विद्यार्थ्यास दहा गुण आहेत.

गटप्रकल्प विषय : साहित्यनिर्मितिप्रक्रिया संदर्भात कोणत्याही एका साहित्यिकाची मुलाखत घेणे.

**मूलभूत वाचन :**

1. जोग, रा. श्री. अभिनव काव्यप्रकाश, व्हीनस प्रकाशन, पुणे, आवृत्ती ७ वी, जानेवारी, १९७५
2. गाडगीळ, स. रा. काव्यशास्त्रप्रदीप, व्हीनस प्रकाशन, पुणे, आवृत्ती ४ थी, जानेवारी, १९९३
3. वाटवे, के. ना. रसविमर्श, नवीन किताबखाना, पुणे, १९४२
4. वाळंबे, मो. रा. सुगम मराठी व्याकरण लेखन, नितीन प्रकाशन, पुणे
5. नेमाडे, भालचंद्र साहित्याची भाषा, साकेत प्रकाशन, औरंगाबाद, आ. दु. १९९८

**पूक वाचन :**

1. जोशी, पं. महादेवशास्त्री सुलभ काव्याशास्त्र, एस. जगन्नाथ आणि कं., पुणे
2. उपासे, शिवशंकर काव्यशास्त्र परिचय, फडके प्रकाशन, कोल्हापूर, २०१३
3. जाधव, उदय काव्यशास्त्र : आकलन आणि आस्वाद, लोकपाल पब्लिकेशन, औरंगाबाद, प्रथमावृत्ती, ५ सप्टेंबर २०१३
4. शिरवाडकर, के. रं. साहित्यवेध, मेहता पब्लिशिंग हाऊस, पुणे, प्रथमावृत्ती, जानेवारी, १९९८

**संदर्भ ग्रंथ :**

1. कुरुंदकर, नरहर रससूत्र, इंद्रायणी साहित्य, पुणे.
2. सोनार, ब. लु. भारतीय साहित्य विचार, प्रज्ञा, अमळनेर, १९८८
3. मोरे, मोरेश्वर सखाराम मराठी व्याकरण, चित्रशाळा, पुणे, १९७०
4. चासमकर, वि. दा. मराठीतील कलावादी समीक्षा, अक्षरदीप प्रकाशन, कोल्हापूर, आ. प. २०१८
5. तुकदेव, रोहिणी ओवी छंद : रूप आणि आविष्कार, प्रतिमा प्रकाशन, पुणे
6. हिरेमठ, राजशेखर मराठी व्याकरण परिचय, मेहता पब्लिशिंग हाऊस, पुणे, १९८८
7. जाधव, मा. मा. अक्षरगाथा (मराठी साहित्यविचार विशेषांक), मासिक, नांदे, एप्रिल, २०१४

**शिवाजी विद्यापीठ, कोल्हापूर**  
**SHIVAJI UNIVERSITY, KOLHAPUR**

मराठी अभ्यास मंडळ

Board of Studies in Marathi

पसंतीवर आधारित श्रेयांक पद्धती

Choice Based Credit System

बी.ए. भाग-३ : B.A. Part-III

अभ्यासक्रम : Syllabus

June, 2020 onward

सत्र-६ : Semester No. 6 : अभ्यासपत्रिका क्र. XIII

Discipline Specific Elective (DSE-E127)

विद्याशाखीय विशेष निवड (DSE-E127)

मराठी भाषा व भाषाविज्ञान

उद्दिष्टे :

१. मराठी भाषेची वर्णव्यवस्था समजून घेणे.
२. ध्वनी व अर्थपरिवर्तनाची कारणे व प्रकार यांची माहिती करून घेणे.
३. प्रमाणभाषेचे स्वरूप व विशेष अभ्यासणे.
४. बोलींचे स्वरूप व विशेष समजून घेणे.
५. मराठी भाषेबद्दलची विद्यार्थ्यांची आवड विकसित करणे.

अभ्यासक्रम

अ. क्र. Sr. No.	घटक Topic	अध्यापन तासिका Teaching Hours	श्रेयांक Credit
विभाग १ Module I	मराठीची वर्णमाला ● ध्वनी व वर्ण, मराठीची वर्णमाला, पारंपरिक स्वर व त्यांचे वर्गीकरण ● स्वरांचे ध्वनिशास्त्रदृष्ट्या व उच्चारण स्थानानुसार विश्लेषण ● स्वरांचे प्रकार ह्रस्व, दीर्घ, सिद्ध, साधित, सजातीय, विजातीय ● मराठीची स्वर संख्या (पारंपरिक व नवीन) ● मराठीतील व्यंजन विचार ● व्यंजनांचे प्रकार १. स्पर्श व्यंजने २. कठोर व मृदू व्यंजने ३. अल्पप्राण व महाप्राण ४. अनुनासिके ५. तालव्य व्यंजने ६. अंतःस्थ व्यंजने ७. उष्म व्यंजने ८. संयुक्त व्यंजने ९. मूर्धन्य ● मराठीची व्यंजन संख्या (पारंपरिक व नवीन) ● मराठीची वर्ण संख्या निश्चितीकरण	१५	१

<p>विभाग २ Module II</p>	<p>मराठीचे ध्वनिपरिवर्तन</p> <ul style="list-style-type: none"> <li>● भाषेची उच्चारप्रक्रिया</li> <li>● ध्वनिपरिवर्तन म्हणजे काय ?</li> <li>● व्याख्या आणि विशेष निरपवाद, नियमित, अज्ञेय, सार्वत्रिक ध्वनिपरिवर्तन</li> <li>● कारणे जित - जेते संबंध, भिन्न भाषिक संबंध, आळस, अनुकरणाची अपूर्णता, चांगेद्विधातील दोष, श्रवणेद्विधातील दोष, उच्चारशीघ्रता, अज्ञान, आघात, उच्चारसौकर्य, आहार, भौगोलिकता, वर्गसिद्धान्त, लोकभ्रम, सादृश्यता</li> <li>● प्रकार अंत्यस्वनलोप, एकस्वनीकरण, आद्यस्वनागम, मध्यस्वनागम, अंत्यस्वनागम, सात्रिध परिणाम, समानस्वनलोप, विसदृशीकरण, घोषीकरण, अघोषीकरण, मात्राभेद, सदृशता, अतिशुद्धी, दुष्प्रयोग, स्वनविपर्यय</li> <li>● ध्वनिपरिवर्तनाचा मराठी भाषेवरील परिणाम</li> </ul>	<p>१५</p>	<p>१</p>
<p>विभाग ३ Module III</p>	<p>मराठीचे अर्थपरिवर्तन</p> <ul style="list-style-type: none"> <li>● अर्थपरिवर्तन म्हणजे काय ?</li> <li>● व्याख्या आणि स्वरूप अर्थ म्हणजे निर्देश, प्रतिमा, संकल्पना व विचार</li> <li>● अर्थपरिवर्तनाची कारणे साम्यतत्त्व, रूपक - लक्षणाजन्य शब्द, बदलते समाजजीवन, अशुभतापरिहार, ग्राम्यतापरिहार, अतिशयोक्ती, शब्दसिद्धी, अतिपरिचयातून सभ्यता, अत्यादरदर्शन, सांस्कृतिक आदान</li> <li>● अर्थपरिवर्तनाचे प्रकार - अर्थविस्तार, अर्थसंकोच, अर्थप्रशस्ती, अर्थच्युती, अर्थापकर्ष, अर्थान्तर, अर्थभ्रंश, अर्थादेश, अर्थभेद, अर्थसार</li> <li>● अर्थपरिवर्तनाचा मराठी भाषेवरील परिणाम</li> </ul>	<p>१५</p>	<p>१</p>
<p>विभाग ४ Module IV</p>	<p>प्रमाण मराठी भाषा आणि तिच्या बोली</p> <ul style="list-style-type: none"> <li>● प्रमाण मराठी : संकल्पना, स्वरूप, विशेष</li> <li>● बोली : संकल्पना, स्वरूप, विशेष</li> <li>● मराठीच्या बोली : अहिराणी, वऱ्हाडी, चंदगडी, मालवणी या निवडक बोलींचे स्वरूप व विशेष</li> </ul>	<p>१५</p>	<p>१</p>

एकूण गुण - ४० : Total Marks-40

प्रश्न १	योग्य पर्याय निवडा	०५ गुण
प्रश्न २	अंतर्गत विकल्पासह दीर्घांतरी प्रश्न	१५ गुण
प्रश्न ३	अंतर्गत विकल्पासह लघूत्तरी प्रश्न (तीन पैकी दोन)	१० गुण
प्रश्न ४	टिपा लिहा (चार पैकी दोन)	१० गुण

सूचना : १. विभाग एकवर वस्तुनिष्ठ प्रश्न असणार नाही.

२. अंतर्गत मूल्यमापनाकरिता सेमिनारसाठी दहा गुण आहेत.

**गटप्रकल्प विषय :**

१. आपल्या परिसरातील कौटुंबिक, सांस्कृतिक, कृषिविषयक, औद्योगिक क्षेत्रात जी बोलीभाषा बोलली जाते त्या बोलीभाषेतील शब्द, वाक्य, वाक्प्रचार, म्हणी, उखाणे यांचे संकलन आणि विश्लेषणासह गटप्रकल्प अपेक्षित.
२. आपल्या परिसरातील लोककथा, लोकगीते यांचे संकलन करून त्यातील भाषिक विशेषांच्या विश्लेषणावर आधारित गटप्रकल्प अपेक्षित.

**मूलभूत वाचन :**

१. कुलकर्णी, कृ. पां. मराठी भाषा : उद्गम आणि विकास, मेहता पब्लिशिंग हाऊस, पुणे
२. कानडे, मु. श्री. (संपा.) मराठीचा भाषिक अभ्यास, स्नेहवर्धन प्रकाशन, पुणे
३. गर्जेद्रगडकर श्री. न. भाषा आणि भाषाशास्त्र, व्हीनस प्रकाशन, पुणे
४. कुलकर्णी कृ. पां. शब्द : उद्गम आणि विकास
५. जोगळेकर गं. ना. अभिनव भाषाविज्ञान, सुविचार प्रकाशन, पुणे
६. जोशी, प्र. न. सुबोध भाषाशास्त्र, स्नेहवर्धन प्रकाशन, पुणे
७. दामले, मो. के. शास्त्रीय मराठी व्याकरण, दामोदर सावळाराम आणि मंडळी, पुणे
८. कालेलकर, ना. गो. ध्वनिविचार, मौज प्रकाशन, मुंबई
९. पोतदार, अनुराधा मराठीचा अर्थविचार, पुणे विद्यापीठ प्रकाशन, पुणे
१०. कालेलकर, ना. गो. भाषा आणि संस्कृती, मौज प्रकाशनगृह, मुंबई
११. देवी, गणेश व भारतीय भाषेचे लोकसर्वेक्षण, पद्मगंधा प्रकाशन, पुणे  
जाखडे, अरुण (संपा.)

**पूरक वाचन :**

१. हिरेमठ, राजशेखर मराठी व्याकरण परिचय, मेहता पब्लिशिंग हाऊस, पुणे
२. गवळी, अनिल भाषाविज्ञान आणि मराठी भाषा, हिरण्यकेशी प्रकाशन, कोल्हापूर
३. कुलकर्णी, सुलक्षणा व भाषाविज्ञान परिचय, फडके प्रकाशन, कोल्हापूर  
कुबेर, वसंत

**संदर्भ ग्रंथ :**

१. पुंडे, द. दि. सुलभ भाषाविज्ञान, स्नेहवर्धन प्रकाशन, पुणे
२. कदम, महेंद्र मराठीचे वर्णनात्मक भाषाविज्ञान, स्नेहवर्धन प्रकाशन, पुणे
३. कालेलकर, ना. गो. भाषा, इतिहास आणि भूगोल, मौज मुंबई
४. शेख, यास्मिन मराठी लेखन मार्गदर्शिका, राज्य मराठी विकास संस्था, मुंबई
५. हिरेमठ, राजशेखर मराठी व्याकरण परिचय, मेहता पब्लिशिंग हाऊस, पुणे
६. लामतुरे, प्रज्ञा ग्रामीण बोलीभाषेचे वैभव, संस्कृती प्रकाशन, पुणे
७. जंबाले, विठ्ठल ग्रामीण कादंबरी : मराठवाडी बोलीचे स्वरूप, चिन्मय प्रकाशन, औरंगाबाद
८. पाटील, व्ही. एन. सुलभ भाषाविज्ञान, प्रशांत पब्लिकेशन्स, जळगाव, २०१६
९. भांड, बाबा व मगर, राजेंद्र भाषा आणि साहित्य : माझी भूमिका : सयाजीराव गायकवाड, महाराजा

शिवाजी विद्यापीठ, कोल्हापूर  
SHIVAJI UNIVERSITY, KOLHAPUR

मराठी अभ्यास मंडळ

Board of Studies in Marathi

पसंतीवर आधारित श्रेयांक पद्धती

Choice Based Credit System

बी.ए. भाग-३ : B.A. Part-III

अभ्यासक्रम : Syllabus

June, 2020 onward

सत्र-६ : Semester No. 6 : अभ्यासपत्रिका क्र. XIV

Discipline Specific Elective (DSE-E128)

विद्याशास्त्रीय विशेष निवड (DSE-E128)

मध्ययुगीन मराठी वाङ्मयाचा इतिहास (इ.स.१५०० ते इ.स.१८००)

उद्दिष्टे :

१. मध्ययुगीन मराठी वाङ्मयाचा कालिक अभ्यास करणे.
२. मध्ययुगीन मराठी वाङ्मयाचा स्थूल परिचय करून घेणे.
३. पंडित कवी व त्यांची रचना यांचा परिचय करून घेणे.
४. बखर वाङ्मय आणि शाहिरी वाङ्मय यांचे स्वरूप, विशेष अभ्यासणे.
५. मध्ययुगीन मराठी गद्य, पद्य रचनेचे विशेष अभ्यासणे.

अभ्यासक्रम

अ. क्र. Sr. No.	घटक Topic	अध्यापन तासिका Teaching Hours	श्रेयांक Credit
विभाग १ Module I	इ. स. १५०० ते इ.स. १६०० एकनाथांची साहित्य संपदा चतुःश्लोकी भागवत, एकनाथी भागवत, भावार्थ रामायण, गवळणी, भाऊडे इत्यादी रचना	१५	१
विभाग २ Module II	इ. स. १६०० ते इ. स. १७०० (स्थूल कालखंड) अ) तुकारामांची अभंगरचना ब) रामदासांची ग्रंथरचना करुणाष्टके, रामायणे, मनाचे श्लोक, दासबोध, स्फुट प्रकरणे	१५	१
विभाग ३ Module III	इ. स. १६०० ते इ. स. १८०० (स्थूल कालखंड) निवडक पंडित कवींच्या काव्याचा अभ्यास १) मुक्तेश्वर २) वामन पंडित ३) रघुनाथ पंडित ४) श्रीधर ५) मोरोपंत	१५	१
विभाग ४ Module IV	इ. स. १५०० ते इ.स. १८०० (स्थूल कालखंड) अ) बखर वाङ्मय शिवपूर्वकालीन बखरी, शिवकालीन बखरी, पेशवेकालीन बखरी-स्वरूप, विशेष ब) शाहिरी वाङ्मय (लावणी व पोवाडा) १) अनंत फंदी २) परशुराम ३) राम जोशी ४) प्रभाकर	१५	१

## Pattern of Question Paper

एकूण गुण - ४० : Total Marks-40

प्रश्न १	योग्य पर्याय निवडा	०५ गुण
प्रश्न २	अंतर्गत विकल्पासह दीर्घोत्तरी प्रश्न	१५ गुण
प्रश्न ३	अंतर्गत विकल्पासह लघूत्तरी प्रश्न (तीन पैकी दोन)	१० गुण
प्रश्न ४	टिपा लिहा (चार पैकी दोन)	१० गुण

सूचना : १. गटप्रकल्पासाठी अंतर्गत मूल्यमापनाकरिता प्रती विद्यार्थ्यास दहा गुण आहेत.

### गटप्रकल्प विषय :

- \* आपल्या परिसरातील कोणत्याही ग्रंथालयातील किंवा ग्रंथालयाबाहेरील मध्ययुगीन मराठी ग्रंथकार आणि ग्रंथ यांची सूची तयार करावी.
- \* मध्ययुगीन मराठी वाङ्मयातील निवडक शब्दांचा शब्दसंग्रह करणे आणि त्यांचे वर्गीकरण व विश्लेषण करणे.

### मूलभूत वाचन :

१. नसिराबादकर, ल. रा.
२. देशपांडे, अ. ना.
३. पांगारकर, ल. रा.
४. मंचरकर, र. बा.
५. गवळी, अनिल
६. सपकाळे, प्रकाश
७. वाटवे, के. ना. (संपा.)
८. फाटक, न. र.
९. सरदेशमुख, त्र्यं. वि.
१०. हेरवाडकर, र. वि.
११. अदवंत, म. ना.
१२. सहस्त्रबुद्धे, म. ना.
१३. खरात, महेश (संपा.)

प्राचीन मराठी वाङ्मयाचा इतिहास, फडके प्रकाशन, कोल्हापूर  
प्राचीन मराठी वाङ्मयाचा इतिहास खंड १ ते ४, व्हीनस प्रकाशन, पुणे  
प्राचीन मराठी वाङ्मयाचा इतिहास खंड १ ते ३, महाराष्ट्र साहित्य परिषद, पुणे  
धर्म संप्रदाय आणि मध्ययुगीन मराठी वाङ्मय, प्रतिमा प्रकाशन, पुणे  
सर्वात्मभावी तुकाराम, सायन पब्लिकेशन प्रा. लि. पुणे  
संत तुकाराम, प्रशांत पब्लिकेशनस, जळगाव  
प्राचीन मराठी पंडिती काव्य.  
श्री एकनाथ वाङ्मय दर्शन आणि कार्य, मौज प्रकाशन गृह, मुंबई  
रामदास : प्रतिमा आणि बोध, अस्मिता प्रकाशन, पुणे  
मराठी बखर, व्हीनस प्रकाशन, पुणे  
पँजण, साहित्य प्रसार केंद्र, नागपूर  
मराठी शाहिरी वाङ्मय, ठोकळ प्रकाशन, पुणे  
लोकसाहित्य : जीवन आणि संस्कृती, (प्रा.विश्वनाथ शिंदे गौरवग्रंथ), सायन पब्लिकेशन, पुणे

### पूरक वाचन :

१. तुळपुळे, शं. गो. (संपा.)
२. तुळपुळे, शं. गो. (संपा.)
३. उपासे, शिवशंकर
४. पाटील, तानाजी
५. हेरवाडकर, र. वि.

मध्ययुगीन मराठी वाङ्मयाचा इतिहास, म. सा. प., पुणे  
मराठी वाङ्मयाचा इतिहास, महाराष्ट्र साहित्य परिषद, पुणे  
मराठी काव्यातील शिवदैवत दर्शन, आख्यानकाव्य व स्फुटकाव्य : १३ ते १८ वे शतक, शैवभारती शोध प्रतिष्ठान, जंगमवाडी मठ, वाराणसी  
संत साहित्यातील सामाजिकता, विश्वकर्मा प्रकाशन, पुणे  
मराठी बखर

### संदर्भ ग्रंथ :

१. बडवे, सतीश
२. फाटक, न. र.
३. माटे, श्री. म.
४. होनमाने, धनंजय
५. होनमाने, धनंजय
६. ग्रामोपाध्ये, गं. ब.
७. शिंदे, विश्वनाथ
७. केळकर, व. न.
९. मोरजे, गंगाधर
१०. वर्दे, श्री. म.

मध्ययुगीन साहित्याविषयी, मीरा, औरंगाबाद  
श्री. रामदास, वाङ्मय आणि कार्य  
संत, पंत आणि तंत, ठोकळ प्रकाशन, पुणे  
तंजावरची मराठी कीर्तनपरंपरा, स्नेहवर्धन, पुणे  
पंत प्रतिनिधींची कीर्तनाख्याने, दर्या प्रकाशन, पुणे  
मराठी बखर गद्य, व्हीनस बुक स्टॉल, पुणे  
शाहिरी वाङ्मयाच्या धारा, प्रतिमा प्रकाशन, पुणे  
मराठी शाहीर आणि शाहिरी वाङ्मय, पुणे विद्यापीठ, पुणे  
मन्हाटी लावणी वाङ्मय, मोघे प्रकाशन, कोल्हापूर  
मराठी कवितेचा उषःकाल किंवा मराठी शाहीर, मुंबई मराठी साहित्य संघ, मुंबई



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मराठी अभ्यास मंडळ

Board of Studies in Marathi

पसंतीवर आधारित श्रेयांक पद्धती

Choice Based Credit System

बी.ए. भाग-३ : B.A. Part-III

अभ्यासक्रम : Syllabus

June, 2020 onward

सत्र-६ : Semester No. 6 : अभ्यासपत्रिका क्र. XV

Discipline Specific Elective (DSE-E129)

विद्याशाखीय विशेष निवड (DSE-E129)

मराठी भाषा व अर्थार्जनाच्या संधी

पाठ्यपुस्तक : मराठी भाषा व अर्थार्जनाच्या संधी (संपादन)

शिवाजी विद्यापीठ प्रकाशन, कोल्हापूर

उद्दिष्टे :

१. प्रसारमाध्यमांतील अर्थार्जनाच्या संधी आणि भाषिक कौशल्ये यांचा परिचय करून घेणे.
२. स्पर्धा परीक्षांमध्ये मराठी भाषा विषयाचे महत्त्व समजून घेणे.
३. उद्योग व सेवा क्षेत्रात मराठी भाषेद्वारे अर्थार्जनप्राप्ती संदर्भात ज्ञान संपादन करणे.
४. मुद्रित शोधनाची पद्धत अभ्यासणे.

अभ्यासक्रम

अ. क्र. Sr. No.	घटक Topic	अध्यापन तासिका Teaching Hours	श्रेयांक Credit
विभाग १ Module I	प्रसारमाध्यमांतील अर्थार्जनाच्या संधी व भाषिक कौशल्ये ■ मुद्रित माध्यमे (Print Media) १. संपादन २. स्तंभलेखन ३. जाहिरात लेखन ४. शब्दांकन (नावीण्यपूर्ण उपक्रम, व्यक्तींचे अनुभव व मानपत्र) ■ आकाशवाणी १. निवेदन २. संहिता लेखन (कृषी, महिला व शैक्षणिक विषयक) ३. बातमी लेखन ■ चित्रवाणी १. निवेदन २. संहिता लेखन (साहित्य, युवा व मनोरंजन विषयक) ३. बातमी लेखन	१५	१

विभाग २ Module II	उद्योग व सेवाक्षेत्रातील अर्थार्जनाच्या संधी व भाषिक कौशल्ये ■ उद्योग व सेवाक्षेत्र आणि मराठी भाषा ■ उद्योग व सेवाक्षेत्रातील अर्थार्जन संधी – १. विपणन (Marketing) साठी संवाद कौशल्ये २. ग्राहक सेवा केंद्र (Call Centers) ३. अनुवाद ४. मराठी टंकलेखन, युनिकोड व पीपीटी (Power Point Presentation) परिचय	१५	१
विभाग ३ Module III	मुद्रितशोधन १. मुद्रितशोधन : संकल्पना, स्वरूप, प्रकार व महत्त्व २. महाराष्ट्र शासनाचे प्रमाणलेखनविषयक १८ नियम, अपवाद, उदाहरणे, विरामचिन्हे ३. मुद्रित शोधनाची पद्धत : सांकेतिक खुणा, त्याचे स्पष्टीकरण, पहिले वाचन व पुढील मुद्रितशोधन, संगणकीय मुद्रितशोधन ४. मुद्रितशोधनाचे प्रात्यक्षिक कार्य : वर्तमानपत्र, नियतकालिक, ग्रंथ, छापील मजकूर, लेख इ.	१५	१
विभाग ४ Module IV	स्पर्धा परीक्षांसाठी मराठी १. स्पर्धा परीक्षांचे स्वरूप : सरळसेवा, कम्बाईन, राज्यसेवा, संघ लोकसेवा आयोग २. स्पर्धा परीक्षांमधील मराठीचे स्वरूप : अभ्यासक्रम परिचय ३. स्पर्धा परीक्षेसाठी कौशल्ये : वाचन, नोट्स (टिपणे), लेखन, हस्ताक्षर, वेळेचे व्यवस्थापन, गटचर्चा, संदर्भ साहित्य ४. मुलाखतीची पूर्वतयारी व तंत्रे (मुलाखत कशी द्यावी)	१५	१

\* प्रश्नपत्रिकेचे स्वरूप व गुणविभागणी \*

**Pattern of Question Paper**

एकूण गुण – ४० : Total Marks-40

प्रश्न १	योग्य पर्याय निवड	०५ गुण
प्रश्न २	अंतर्गत विकल्पासह दीर्घोत्तरी प्रश्न	१५ गुण
प्रश्न ३	अंतर्गत विकल्पासह लघूत्तरी प्रश्न (तीन पैकी दोन)	१० गुण
प्रश्न ४	टिपा लिहा (चार पैकी दोन)	१० गुण

सूचना : १. गटप्रकल्पासाठी अंतर्गत मूल्यमापनाकरिता प्रती विद्यार्थ्यांस दहा गुण आहेत.

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मराठी अभ्यास मंडळ

Board of Studies in Marathi

पसंतीवर आधारित श्रेयांक पद्धती

Choice Based Credit System

बी.ए. भाग-३ : B.A. Part-III

अभ्यासक्रम : Syllabus

June, 2020 onward

सत्र-६ : Semester No. 6 : अभ्यासपत्रिका क्र. XVI

Discipline Specific Elective (DSE-E-130)

विद्याशास्त्रीय विशेष निवड (DSE-E-130)

वाङ्मय प्रकाराचे अध्ययन : ललित गद्य (व्यक्तिचित्रे)

पाठ्यपुस्तक : मुलखावेगळी माणसं (संपादन)

शिवाजी विद्यापीठ प्रकाशन, कोल्हापूर

उद्दिष्टे :

१. ललित गद्य वाङ्मयप्रकाराचे स्वरूप अभ्यासणे.
२. व्यक्तिचित्र संकल्पना व स्वरूप समजून घेणे.
३. प्रवाहानुरूप मराठीतील व्यक्तिचित्रांचे स्वरूप अभ्यासणे.
४. 'मुलखावेगळी माणसं' मधील व्यक्तिचित्रांचे आकलन करून घेणे.
५. 'मुलखावेगळी माणसं' मधील शैक्षणिक, सामाजिक, सांस्कृतिक, राजकीय पर्यावरण आणि कौटुंबिक भावविश्व अभ्यासणे.
६. 'मुलखावेगळी माणसं' मधील ग्रामीण व उपेक्षितांच्या जीवनाचे आकलन करून घेणे.
७. 'मुलखावेगळी माणसं' मधील अभिव्यक्ती, निवेदनशैली व भाषाविशेष अभ्यासणे.

अभ्यासक्रम

अ. क्र. Sr. No.	घटक Topic	अध्यापन तासिका Teaching Hours	श्रेयांक Credit
विभाग १ Module I	ललित गद्य : संकल्पना व स्वरूप व्यक्तिचित्रे : संकल्पना, स्वरूप/वैशिष्ट्ये आणि वाटचाल व्यक्तिचित्र लेखनासाठी आवश्यक गुण	१५	१
विभाग २ Module II	१. रामा मेलकुली - व्यंकटेश माडगूळकर २. मृत्यूचे चुंबन घेणारा महाकवी - प्र. के. अत्रे ३. निळू मांग - अण्णाभाऊ साठे ४. मोरणी - विभावरी शिरूरकर	१५	१
विभाग ३ Module III	५. जमीला जावद - हमीद दलवाई ६. यंकटअण्णा - व. वा. बोधे ७. दगडूमामा - उत्तम कांबळे ८. मुंबईचा चित्रकार - अरुण खोपकर	१५	१
विभाग ४ Module IV	९. हीरा - इंद्रजित भालेराव १०. चावा मास्तर - दि. वा. पाटील ११. दादासाहेब वस्ताद - सयाजीराजे मोकाशी १२. डोकेवाला संशोधक : दादाजी रामजी खोब्रागडे - व्ही.एन.शिंदे	१५	१

✽ प्रश्नपत्रिकेचे स्वरूप व गुणविभागणी ✽

### Pattern of Question Paper

एकूण गुण - ४० : Total Marks-40

प्रश्न १	योग्य पर्याय निवडा	०५ गुण
प्रश्न २	अंतर्गत विकल्पासह दीर्घोत्तरी प्रश्न	१५ गुण
प्रश्न ३	अंतर्गत विकल्पासह लघूत्तरी प्रश्न (तीन पैकी दोन)	१० गुण
प्रश्न ४	टिपा लिहा (चार पैकी दोन)	१० गुण

#### सूचना :

- विभाग एक वर वस्तुनिष्ठ प्रश्न असणार नाहीत.
- गटप्रकल्पासाठी अंतर्गत मूल्यमापनाकरिता प्रती विद्यार्थ्यांस दहा गुण आहेत.

#### गटप्रकल्प विषय :

आपल्या परिसरातील शैक्षणिक, सामाजिक, सांस्कृतिक, कला, क्रीडा, आरोग्य, राजकीय इत्यादी समाजजीवनाच्या कोणत्याही क्षेत्रातील व्यक्तींची व्यक्तिचित्रे लिखित स्वरूपात प्रती प्रकल्पनुरूप ५ (किमान एका प्रकल्पकास एक नुसार) तयार करून ती एकत्रित जमा करावीत.

#### मूलभूत वाचन :

- वास्कर, आनंद (संपा.) वाङ्मयप्रकार संकल्पना (डॉ. विजय निंबाळकर गौरवग्रंथ), अन्वय प्रकाशन, पुणे
- चौधुले, वि. शं. मुक्तगद्य : संकल्पना आणि उपयोजन, मॅजेस्टिक प्रकाशन, मुंबई, २००८
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#### पूरक वाचन :

- माडगूळकर, व्यंकटेश माणदेशी माणसं, मेहता पब्लिशिंग हाऊस, पुणे, पुनर्मुद्रण, २०१८
- अत्रे, प्र. के. मृत्यूचे चुंबन घेणारा महाकवी : साने गुरूजी, पार्थ पब्लिकेशन, कोल्हापूर, १९६२
- साठे, अण्णाभाऊ बरबाद्या कंजारी, श्रमिक प्रतिष्ठान, कोल्हापूर, लोकावृत्ती, २०१०
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- भालेराव, इंद्रजित गाई घरा आल्या, प्रतिभास प्रकाशन, परभणी
- पाटील, दि. वा. भली माणसं, मनोकामना प्रकाशन, इस्लामपूर, २०१३
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#### संदर्भ ग्रंथ :

- जोगी, प्र. न. मराठी वाङ्मयाचा विवेचक इतिहास, अर्वाचीन काळ (१८०० ते १९८०), स्नेहवर्धन प्रकाशन, पुणे
- भागवत, श्री. पु. साहित्य अध्यापन आणि प्रकार (प्रा. वा. ल. कुलकर्णी गौरवग्रंथ), मौज प्रकाशन गृह, मुंबई

Shivaji University, Kolhapur  
 B. Sc. III Statistics  
 Structure of the course  
 To be implemented from June 2020  
 Theory

**Semester V**

Paper. No.	Title of the paper	Total Marks
IX	Probability Distributions	50
X	Statistical Inference - I	50
XI	Design of Experiments	50
XII	R-Programming and Quality Management	50

**Semester VI**

Paper. No.	Title of the paper	Total Marks
XIII	Probability Theory and Applications	50
XIV	Statistical Inference - II	50
XV	Sampling Theory	50
XVI	Operations Research	50

**Practical**

Paper No.	Title of the Practical	Marks for Practical	Journal	Oral	Total Marks
IV	Probability Distributions	32	4	4	40
V	Statistical Inference	32	4	4	40
VI	Designs of Experiments and Sampling Methods	32	4	4	40
VII	R-Programming, Quality Management and Operations Research	32	4	4	40
	A Project Report & Viva -voce	40	-	-	40

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### 1. Nature of Project

- (i) Identification of problem where statistical techniques can be used.
- (ii) Planning and execution of data collection.
- (iii) The Marking system for the project work is as follows:

- Data Collection : 8 Marks
- Use of Statistical Tools : 8 Marks
- Analysis of Data : 8 Marks
- Conclusion : 8 Marks
- Viva on Project : 8 marks

-----  
Total Marks of Project : 40 marks

- (iv) Project will be conducted in a group of 5 to 6 students.

### 2. Nature of Question papers (Theory)

COMMON NATURE OF THEORY QUESTION PAPER WILL BE MENTIONED SPERATELY:

### 3. Nature of practical papers:

- (i) Each practical question paper must contain **Four** questions.
- (ii) Each question should contain **Two** bits from different units.
- (iii) Student should attempt **Any Two** questions.
- (iv) Each question should carry **16**marks and to be distributed according to following points:
  - (a) Aim of the Experiment : 2 Marks
  - (b) Statistical formulae : 4 Marks
  - (c) Observation Tables : 4 Marks
  - (d) Calculations : 4 Marks
  - (e) Conclusion/ result of the experiment :2 Marks.
- (v) In each practical paper, four marks are reserved for journal and four marks are reserved for oral.

### 4. Instructions:

- (i) While attempting questions based on R-software students have to write the commands of R-software on their Answer-book. Final result should be shown to the examiner online or the printout may be attached.
- (ii) Duration of each practical paper should be of four hours.
- (iii) Student can use MS-Excel or electronic calculators for other practical.

# SHIVAJI UNIVERSITY, KOLHAPUR.



'A' Reaccredited By NAAC

Revised Syllabus for Bachelor of Arts (CBCS)

B. A. in Political Science

Faculty of Humanities B.A. Part – III

( Sem. V and VI)

Syllabus to be implemented from June, 2020

### Structure of Course

#### Revised syllabus of B.A. Part III (Political Science) From June, 2020

Semester	Paper No.	Title of the Paper	Theory Marks	Term work
<b>Sem V</b>	Paper VII	Political Theory	40	10
	Paper VIII	Public Administration	40	10
	Paper IX	International Politics	40	10
	Paper X	Comparative Politics	40	10
	Paper XI	Western Political Thought I	40	10
<b>Sem-VI</b>	Paper XII	Modern Political Concepts	40	10
	Paper XIII	Politics and Movements in Maharashtra	40	10
	Paper XIV	Foreign Policy of India	40	10
	Paper XV	Comparative Government (With special reference to UK & USA)	40	10
	Paper XVI	Western Political Thought II	40	10



**Shivaji University, Kolhapur**  
**Bachelor of Computer Applications (BCA)**  
**Draft CBCS Course Structure to**  
**be implemented from June 2020**  
**Syllabus**

**1. Introduction:**

**Bachelor of Computer Application** (3years) program / degree is a specialized program in Computer Applications. It builds the student on studies in applied use of computers and to become competent in the current race and development of new computational era.

The duration of the study is of six semesters, which is completed in three years. The program is based on Choice-based credit system comprising 144 credit points and intake for one batch is not more than 80 students.

**2. Objective:**

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

**3. Eligibility:** Candidate should have passed standard XII (10+2) in any stream or government approved equivalent diploma in Engineering/ Technology from any recognized Board or Vocational stream.

A candidate who has completed qualifying qualification from any Foreign Board /University must obtain an equivalence certificate from Association of Indian Universities (AIU).

**4. PEO, PO and CO Mappings:**

**Program Educational Outcomes:** After completion of this program, the graduates / students would:

PEO I	Technical Expertise	Implement fundamental domain knowledge of core courses for developing effective computing solutions by incorporating creativity and logical reasoning.
PEO II	Successful Career	Deliver professional services with updated technologies in Computer application based career.
PEO III	Interdisciplinary and Life Long Learning	Develop leadership skills and incorporate ethics, team work with effective communication & time management in the profession. Undergo higher studies, certifications and technology research as per market needs.

**Program Outcomes (PO's):-** After completion of program Students / graduates will be able to:

### BCA-II (Sem-IV)

Course Code	Title of Paper	Credit	Internal	External	Total
CC 401	RDBMS	4	30	70	100
CC 402	Software Engineering	4	30	70	100
CC 403	DOT NET Technology	4	30	70	100
AEC 404	Entrepreneurship Development	4	30	70	100
CCL 405	PHP	2	50	-	50
CCL 406	Lab Course-VII Based on CC401	2	-	50	50
CCL 407	Lab Course-VIII Based on CC403	2	-	50	50
CCL 408	Mini Project	2	-	50	50
		24	170	430	600

### BCA-III (Sem-V)

Course Code	Title of Paper	Credit	Internal	External	Total
CC 501	Java Programming	4	30	70	100
CC 502	Data Warehousing and Data Mining	4	30	70	100
CC 503	IT Security	4	30	70	100
DSE 504	Elective-I	4	30	70	100
	1. Python Programming				
	2. C# Dot Net				
	3. Ethical Hacking				
GE 505	Elective-II	4	30	70	100
	1. Digital Marketing				
	2. Management Information System				
	3. Knowledge Management				
CCL 506	Lab Course-IX Based on CC501	2	-	50	50
CCL 507	Lab Course-X Based on DSE 504	2	-	50	50
		24	150	450	600

### BCA-III (Sem-VI)

Course Code	Title of Paper	Credit	Internal	External	Total
CC 601	Cloud Computing	4	30	70	100
DSE 602	Elective-I	4	30	70	100
	1. Internet of Things (IoT)				
	2. Android Programming				
	3. R Programming				
GE603	Elective-II	4	30	70	100
	1. IT Management				
	2. ERP				
	3. M - Commerce				
AEC 604	Soft Skills & Personality Development	2	50	-	50
AEC 605	Industrial Visit	1	25	-	25
CCL 606	Lab Course XI Based on DSE 602	4	-	100	100
CCL 607	Major Project	5	25	100	125
		24	190	410	600

Note: Students has to select any one course from the respective electives.

CC- Compulsory Courses

DSE- Domain Specific Electives

GE- General Electives

AEC- Ability Enhancement Compulsory Courses

CCL – Compulsory Courses Lab.

**B.C.A. Part – III**

**(Sem- VI)**

**Paper No 607: Major Project**

A group of maximum four students prepare a **major** project under the guidance of internal teacher. Project report will be evaluated by the internal teacher out of 20 marks and there will be viva-voce examination for 80 marks. ( Documentation – 20 Marks, Online Presentation-- 30 Marks, Viva-Voce -- 30 Marks.) The panel for viva-voce examination will be appointed by university. The student should prepare the project report on the work carried out as a project in semester VI.

**Guidelines for Project:**

**Number of Copies:** The student should submit two **Hard-bound** copies of the Project Report.

**Acceptance/Rejection of Project Report:**

The student must submit an outline of the project report to the college for approval. The college holds the right to accept the project or suggest modifications for resubmission. Only on acceptance of draft project report, the student should make the final copies.

**Format of the Project Report:**

The student must adhere strictly to the following format for the submission of the Project Report.

**a. Paper:**

The Report shall be typed on white paper, A4 size, for the final submission. The Report to be submitted to the must be original and subsequent copies may be photocopied on any paper.

**b. Typing:**

The typing shall be of standard letter size, 1.5 spaced and on one side of the paper only. (Normal text should have Arial Font size 11 or 12. Headings can have bigger size)

**c. Margins:**

The typing must be done in the following margins:

Left -----1.5 inch, Right ----- 1 inch

Top ----- 1 inch, Bottom ----- 1 inch

**d. Front Cover:**

The front cover should contain the following details:

**TOP :** The title in block capitals of 6mm to 15mm letters.

**CENTRE:** Full name in block capitals of 6mm to 10mm letters.

**BOTTOM:** Name of the University, Course, Year of submission -all in block capitals of 6mm to 10mm letters on separate lines with proper spacing and centering.

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**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B.O.S. in Chemistry**  
**B.Sc. Part – III**  
**Semester CBCS Syllabus**  
**To be implemented from June – 2020**

**General Structure**

**Theory Examination:**

There will be four theory papers of 40 marks each for each semester. Their titles and distribution of marks are as follows.

**Semester V** : Papers IX-DSE-E5, X-DSE-E6, XI- DSE-E7, XII- DSE-E8,

**Semester VI:** Papers XIII- DSE-F5, XIV-DSE-F6, XV-DSE-F7 and XVI- DSE-F8

Paper – IX DSE-E5, & XIII DSE-F5: Inorganic Chemistry – 40 marks

Paper – X DSE-E6 & XIV DSE-F6: Organic Chemistry – 40 marks

Paper – XI DSE-E7 & XV DSE-F7: Physical Chemistry – 40 marks

Paper – XII DSE-E8 & XVI DSE-F8: Analytical and Industrial Chemistry – 40 marks

The duration of each theory paper for examination will be of 2 hours

**Internal examination** (Oral/Seminar/test/home assignment) will be conducted for 10 marks for each paper.

**Practical Examination:**

Practical examination will be of 200 marks. The distribution of marks will be as follows:

1. Physical Section : 60 marks
2. Inorganic Section : 65 marks
3. Organic Section : 60 marks
4. **Project** : 15 marks

**Total: 200 marks**

The duration of practical examination will be of three days – six and half hours per day.

### Laboratory Course (Practicals)

N. B. (i) Use of Digital/Analytical/Chainometric/Single pan balance is allowed.

(ii) Use of Scientific calculator is allowed.

(iii) Use of Chart/Text book/Hand book of practical is allowed.

(iv) There will be a **project** having weightage of 15 marks.

**Project** should be in the following areas but focused on applications of Chemistry.

a) Society oriented

b) Daily use

c) Industry based

d) Analysis based

The **project** will be assessed by all the three examiners with equal weightage at the time of practical examinations.

The **project** may be completed individually or by a group of students not exceeding number three.

One copy of the **project** should be submitted at the time of examination. After assessment this copy will remain in the department.

### INORGANIC CHEMISTRY

#### I) Gravimetric Estimations (G).

N. B. Any two experiments from G1 to G3 and any two experiment from G4 & G6.

G1. Gravimetric estimation of iron as ferric oxide ( $\text{Fe}_2\text{O}_3$ ) from the given solution containing ferrous ammonium sulphate, copper sulphate and free sulphuric acid.

G2. Gravimetric estimation of zinc as zinc pyrophosphate from the given solution

Two or three stage preparations starting with 5g or less and TLC.

1. Estimation of Sulphur and Nitrogen.

3. Organic preparations ( Any Five)

1. Preparation of Anthranilic acid.

2. Preparation of p- Amino benzoic acid.

3. Preparation of p- Chloro nitrobenzene by Sandmeyer reaction.

4. Preparation of p- Iodonitrobenzene by Sandmeyer reaction.

5. Preparation of Benzylamine

6. Preparation of Benzimidazole

7. Preparation of 2-acetyl cyclohexanone

8. Multicomponent synthesis.

4. Project: Literature survey. Study of reactions, synthesis, mechanism, isolation of natural products, standardization of reaction conditions, use of new methods etc. Identification of organic compounds by spectroscopic methods. External and internal examiners will examine the project (50 Marks) jointly at the time of practical examination.

Two or three stage preparations starting with 5g or less and TLC.

1. Estimation of Sulphur and Nitrogen.

3. Organic preparations ( Any Five)

1. Preparation of Anthranilic acid.

2. Preparation of p- Amino benzoic acid.

3. Preparation of p- Chloro nitrobenzene by Sandmeyer reaction.

4. Preparation of p- Iodonitrobenzene by Sandmeyer reaction.

5. Preparation of Benzylamine

6. Preparation of Benzimidazole

7. Preparation of 2-acetyl cyclohexanone

8. Multicomponent synthesis.

4. **Project:** Literature survey. Study of reactions, synthesis, mechanism, isolation of natural products, standardization of reaction conditions, use of new methods etc. Identification of organic compounds by spectroscopic methods. External and internal examiners will examine the project (50 Marks) jointly at the time of practical examination.

5. Any other suitable experiments may be added.

6. Study tour may arrange for M.Sc. Part- II Students to visit Chemical Industries in nearby areas.

#### REFERENCE BOOKS:

1. A Textbook of Practical Organic Chemistry – A. I. Vogel.
2. Practical Organic Chemistry – Mann & Saunders
3. A Handbook of Quantitative & Qualitative Analysis- H. T. Clarke
4. Organic Synthesis Collective Volumes.

# SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

Revised Syllabus For

**B.A. Part-III**

**Hindi.**

Syllabus to be implemented from

June, 2020 onwards.



शिवाजी विश्वविद्यालय, कोल्हापुर

हिंदी अध्ययन मंडल

जून 2020 से लागू

हिंदी स्पेशल बी.ए.-3 (कला)

सत्र-V, VI

Discipline Specific Elective

(शैक्षिक वर्ष -2020-21, 2021-22, 2022-23)

प्रस्तुत पाठ्यक्रम का निर्माण विश्वविद्यालय अनुदान आयोग, नई दिल्ली की मॉडल

पाठ्यचर्या (CBCS) के आलोक में किया गया है।

सत्र-V

- प्रश्नपत्र- VII : विद्या विशेष का अध्ययन।  
प्रश्नपत्र- VIII : साहित्यशास्त्र ।  
प्रश्नपत्र- IX : हिंदी साहित्य का इतिहास।  
प्रश्नपत्र- X : प्रयोजनमूलक हिंदी ।  
प्रश्नपत्र- XI : भाषा विज्ञान और हिंदी भाषा ।

सत्र-VI

- प्रश्नपत्र- XII : विद्या विशेष का अध्ययन।  
प्रश्नपत्र- XIII : साहित्यशास्त्र और हिंदी आलोचना।  
प्रश्नपत्र- XIV : हिंदी साहित्य का इतिहास।  
प्रश्नपत्र- XV : प्रयोजनमूलक हिंदी ।  
प्रश्नपत्र- XVI : भाषा विज्ञान और हिंदी भाषा ।

सत्र V और VI : परीक्षा में एक प्रश्नपत्र 50 अंकों का होगा, जिसमें 40 अंक लिखित परीक्षा के और 10 अंक अंतर्गत मूल्यांकन के लिए हैं। जिसमें सेमिनार, मौखिकी, परियोजना, (प्रोजेक्ट) गृहकार्य, में से एक देना अनिवार्य है।

# **SHIVAJI UNIVERSITY, KOLHAPUR.**



Accredited By NAAC with 'A' Grade

Syllabus of Environmental Studies

As a Compulsory Paper for all  
Undergraduate Programme

(To be implemented from academic year 2019)

Shivaji University, Kolhapur  
Syllabus of Environmental Studies  
as a Compulsory Paper for all Undergraduate Courses  
2019-20

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- Unit 1. Nature of Environmental Studies :** (3 lectures)  
Definition, scope and importance.  
Multidisciplinary nature of environmental studies  
Need for public awareness.  
Concept of sustainability. Sustainable development and it's goals with Indian context.
- Unit 2. Ecosystems :** (9 lectures)  
Concept of an ecosystem.  
Structure and function of an ecosystem.  
Producers, consumers and decomposers.  
Energy flow in the ecosystem.  
Ecological succession.  
Food chains, food webs and ecological pyramids.  
Introduction, types, characteristics features, structure and function of the following ecosystem :-  
a) Forest ecosystem, b) Grassland ecosystem, c) Desert ecosystem,  
d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)  
Degradation of the ecosystems and it's impacts.
- Unit 3. Natural Resources and Associated Problems :** (8 lectures)  
a) Forest resources: Use and over-exploitation, deforestation, dams and their effects on forests and tribal people.  
b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.  
c) Mineral resources: Usage and exploitation. Environmental effects of extracting and using mineral resources.  
d) Food resources: World food problem, changes caused by agriculture ,effect of modern agriculture, fertilizer-pesticide problems.  
e) Energy resources: Growing energy needs, renewable and non- renewable energy resources, use of alternate energy sources. Solar energy , Biomass energy, Nuclear energy,  
f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification. Consumerism ,ecological foot print, carbon foot prints, carbon credits.  
Role of an individuals in conservation of natural resources. Equitable use of resources for sustainable lifestyles.

**Unit 4. Biodiversity and its conservation :**

**(8 lectures)**

Introduction- Definition: genetic, species and ecosystem diversity.

Bio-geographical classification of India.

Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.

India as a mega- diversity nation.

Western Ghat as a biodiversity region. Hot-spots of biodiversity.

Threats to biodiversity: habitat loss, poaching of wildlife, man- wildlife conflicts,

Endangered and endemic species of India, Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity. Convention on Biological Diversity.

**Unit 5. Environmental Pollution :**

**(8 lectures)**

Definition: Causes, effects and control measures of: Air pollution,

Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, Nuclear hazards.

Global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust.

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

Role of an individual in prevention of pollution.

**Unit 6. Social Issues and the Environment :**

**(9 lectures)**

Human population growth, impact on environment. Human Health and welfare.

Environmental ethics: Role of Indian religious traditions and culture in conservation of the environment.

Environmental movements- Chipko Movement, Appiko Movement, Silent Valley.

Resettlement and rehabilitation of people; its problems and concerns.

Water conservation, rain water harvesting, watershed management. water conservation by Dr.Rajendra Singh, Anna Hazare etc.

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

Wasteland reclamation.

Environmental communication and public awareness, case studies.

**Unit 7. Environmental Protection- Policies and practises :**

**(5 lectures)**

Environmental Protection Act.

Air (Prevention and Control of Pollution) Act.

Water (Prevention and control of Pollution) Act

Wildlife Protection Act

Forest Conservation Act

National and International conventions and agreements on environment.

**Unit 8. Field Work :****(10 lectures)**

Visit to a local area to document environmental assets-

River/forest/grassland/hill/mountain.

or

Visit to a local polluted site – Urban/Rural/Industrial/Agricultural

or

Study of common plants, insects, birds.

or

Study of simple ecosystems - ponds, river, hill slopes, etc.

(Field work is equal to 10 lecture hours)

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