

Pankaj Shaikshanic and Samajik Sanstha Sanchalit  
**Pankaj Kala Mahavidyalaya, Chopda**

**Department of English**

**Programme Outcomes**

1. Students will acquaint with global language
2. Students communication and professional skills will be improved.
3. Students literary skills will be developed.
4. Students listening, reading and writing skills developed
5. Students will employ the knowledge of literary traditions to produce imaginative writing
6. Students will understand the various theories and concepts of English literature.
7. Students learn the history and culture of English language.



## Course Outcomes

### FYBA- Compulsory English

1. To enable the students to understand the written text
2. To inculcate the human and moral values amongst the students.
3. To develop the communicative competence of students with special reference to congratulation, compliments, thanks, expressing an apology and making inquiries.
4. To develop the writing skills of students with special reference to reporting, notice, agenda, minutes and letter writing.
5. To acquaint the students with formal and informal style in using English

### FYBA -Additional English

1. This, being discipline specific course invites the students to know about the treasure of English literature
2. The Course introduces two basic forms of literature- short story and poem which are very near and dear to every human heart.
3. As per the guidelines of CBCS, this course contains the simple stories and poems. The prescribed texts not only meet the primary function of literature i. e. entertainment but also the secondary function of value inculcation.
4. The course will enhance the skills of appreciation and creativity of the Students.

### F.Y.B.Sc. (CBCS)

1. To introduce the students with writing and reading skill
2. To acquaint the students with the use of English language through different means
3. To acquaint the students with the creative use of English language





## **S.Y.B.A. (CBCS)- Compulsory English**

1. To enable the students to understand the written text
2. To inculcate the human and moral values amongst the students.
3. To develop the communicative competence of students with special reference to congratulation, compliments, thanks, expressing an apology and making inquiries.
4. To develop the writing skills of students with special reference to reporting, notice, agenda, minutes and letter writing.
5. To acquaint the students with formal and informal style in using English

### **Special Paper-I: 16th and 17th Century English Literature DSE 1 A and B**

1. To acquaint students with the major dramatists and essayists of the 16th and 17th Century English Literature.
2. To make the student aware of the literary history, salient features and cultural background of the period.
3. To help the students to grasp the content and critical appreciation of the prescribed texts.
4. To inculcate amongst students a liking for the Elizabethan and post-Shakespearean literature

### **Special Paper-II: 18th and 19th Century English Literature DSE 2A and B**

1. To impart basic ideas about the 18th and 19th Century English Literature with special reference to Poetry and Novel.
2. To make the students aware of the literary history, salient features and cultural background of the Romantic and Victorian age.
3. To help the students to grasp the content and critical appreciation of the prescribed Texts.
4. To inculcate amongst students a liking for the Romantic and Victorian literature

### **English General Paper-II: The Study of Novel & Drama DSC 1 C**

1. To develop the interest of students in reading/understanding novel and drama.
2. To acquaint students with Novel and Drama as genres of literature.
3. To develop students' competence to study, understand, analyze and Interpret novel and drama.
4. To introduce students with the key terms useful in the study of novel and drama.
5. To orient students with major types of novel and drama



## S.Y.B.Sc

1. To introduce the new techniques of technical communication
2. To train the students to use English for specific purpose and situation in real life
3. To enable the students to face the world of competition and challenges of the changing world
4. To equip the students with enough English to enable them to enter the usual professions open to them
5. To inculcate the basic human values amongst the students
5. To enable the students for oral and written communication in English
6. To equip the students to communicate effectively in the changed circumstances and the present business environment





## **T.Y.B.A. Course Outcomes**

### **Compulsory English**

1. To enable the students to understand the written text
2. To inculcate the human and moral values amongst the students.
3. To develop the communicative competence of students with special reference to congratulation, compliments, thanks, expressing an apology and making inquiries.
4. To develop the writing skills of students with special reference to reporting, notice, agenda, minutes and letter writing.
5. To acquaint the students with formal and informal style in using English

### **ENGLISH SPECIAL PAPER III : Twentieth Century English Literature**

1. To acquaint the students with the growth poetry and novel in English during the 20th century.
2. To enable the students to evaluate, analyze, appreciate and criticize drama and novel prescribed.
3. To acquaint the students with the social, political and cultural background and literary movements of the century.
4. To acquaint the students with the developments in modern poetry and novel

### **ENGLISH SPECIAL PAPER IV The Study of English Language**

- 1) To introduce the students to the properties and functions of language.
- 2) To inculcate phonological competence among students.
- 3) To acquaint the students with English grammatical forms and functions.
- 4) To acquaint the students with morphological concepts and processes.
- 5) To introduce the students to the basic concepts in syntactic and semantic levels of language.

### **ENGLISH General PAPER III : Indian Writing in English**

1. To acquaint the students with origin of drama and dramatic art.
2. To introduce the students to the aspects and genres of drama.
3. To enable the students to trace the development of Indian drama.
4. To inculcate amongst the students the competence to study drama systematically.
5. To acquaint the students with representative Indian dramatists





# Department of Marathi

## Programme Outcomes: B.A. Marathi 2019-20

Department of Marathi	After successful completion of three year degree program in Marathi a student should be able to;
Programme Outcomes	१. कथेची अभिरुची विकसित करून घेतो तसेच कथेच्या चिकित्सक अभ्यासाची क्षमता विकसित होते.
	२. यशस्वी उद्योजकांच्या चरित्राद्वारे विद्यार्थ्यांमध्ये व्यावसायिक दृष्टीकोन निर्माण करता येतो.
	३. संवादाची क्षमता विकसित करता येते आणि भाषिक कौशल्य विकसित करणे.
	४. उत्तम दर्जाची व्यावसायिकवृत्ती निर्माण करून यशस्वी उद्योगाची दिशा दाखविता येते.
	५. कादंबरीची आस्वाद क्षमता विकसित होते.
	६. मध्ययुगीन कालखंडातील राज्यकर्त्यांच्या नीती-आचरण आणि शिवकालीन स्वराज्यनिती सूत्रांचा परिचय करून होतो.
	७. पौवार्त्य व पश्चिमात्य साहित्यशास्त्रातील विविध संकल्पना, साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची निर्मिती प्रक्रिया यांचा स्थूल परिचय करून घेता येतो.
	८. नाट्य अभिरुची विकसित करता येते तसेच नाट्य संकल्पना नाट्य आस्वादाची डोळस क्षमता विकसित करता येते.
	१० विशिष्ट कालखंडातील साहित्यिकांच्या साहित्यकृतींचा आस्वाद घेता येतो.
	११ मराठी व्याकरणाची आस्वाद क्षमता विकसित करून आकलन क्षमता विकसित करणे.
	१२ विज्ञान कथा व विनोदी कथा प्रकाराचे स्वरूप, संकल्पना, विज्ञान नोंद लेखन याविषयी माहिती करून देता येते.
	१३ विद्यार्थ्यांच्या मनात विशिष्ट आधुनिक वाङ्मय प्रकारांविषयी आणि त्यांचा विशेष अभ्यास करण्याबाबत रुची निर्माण करणे.
	१४ विद्यार्थ्यांना साहित्य विषयक भारतीय आणि पाश्चात्य अभ्यासकांनी केलेल्या सैद्धांतिक मांडणीबाबत अवगत करणे.
	१५ साहित्याचे स्वरूप, प्रयोजने, साहित्य निर्मिती प्रक्रिया आदि साहित्य विचाराबाबत विशेष स्तरावर मराठी विषय अभ्यासणाऱ्या विद्यार्थ्यांना अवगत करणे.
	१६ सामान्य स्तरावर वाङ्मयीन मराठीचे अध्ययन करणाऱ्या विद्यार्थ्यांना वैचारिक गद्य आणि चरित्र-आत्मचरित्र या दोन वाङ्मय प्रकारातील निवडक लेखनाचे आकलन करून घेण्यास शिकविणे.
	१७ सामान्य स्तरावर उपयोजित मराठीचे अध्ययन करणाऱ्या





	विद्यार्थ्यांना प्रशासकीय सेवांसाठी अनिवार्य मराठी या विषयाचे मुलभूत ज्ञान देणे.
	१८ विद्यार्थ्यांना मुद्रित व श्राव्य माध्यमांसाठी आवश्यक लेखन व संवाद कौशल्ये आत्मसात करण्यासाठी उपयुक्त ठरणे.
	१९ विद्यार्थ्यांची सर्जनशील व उपयोजित लेखन कौशल्ये विकसित करण्यास पूरक ठरणे.
	२० कौशल्ये विकसन अभ्यास पत्रिकांच्या माध्यमातून विद्यार्थ्यांची लेखन कौशल्ये विकसित करण्यासाठी प्रयत्नशील राहणे.
<b>Programme Specific Outcomes</b>	१. मराठी साहित्यातील भिन्न भिन्न साहित्य प्रवाह आणि साहित्य प्रकार लक्षात घेणे.
	२. वाङ्मयीन अभिरुची विकसित करणे.
	३. उत्तम दर्जाची व्यावसायिकवृत्ती निर्माण करून यशस्वी उद्योगाची दिशा दाखविणे
	४. संवादासाठीची विविध भाषिक कौशल्य विकसित करणे.
	५. शिवकालीन सुराज्य योजनांची ओळख करून देणे.
	६. पौवार्त्य व पश्चिमात्य साहित्यशास्त्रातील विविध संकल्पना, साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची निर्मिती प्रक्रिया समजावून देणे.
	७. नाटकातील सुखात्मिका-शोकात्मिका यांचे स्वरूप व वैशिष्ट्ये
	८. कालखंडातील वाङ्मयीन विविध प्रवाह व त्या प्रवाहातील साहित्यकृती लक्षात घेणे.
	९. विज्ञान क्षेत्रातील विविध विषयांबाबत मराठीतून लेखन करण्यास प्रोत्साहित करणे.
	१० वैज्ञानिक संज्ञा-संकल्पना याबाबत विज्ञान कोशासाठी नोंद लेखन करण्याचे तंत्र आत्मसात करणे.
	११ विज्ञानाच्या क्षेत्रातील विविध विषयांवर लोकोपयोगी लेखन करण्याचे कौशल्य जाणून घेणे.
	१२ वैज्ञानिक दृष्टीकोन विकसित करण्यास सहाय्य करणे.
	१३ कथेची अभिरुची विकसित करून घेतो तसेच कथेच्या चिकित्सक अभ्यासाची क्षमता विकसित करणे
	१४ विद्यार्थ्यांच्या मनात विशिष्ट आधुनिक वाङ्मय प्रकारांविषयी आणि त्यांचा विशेष अभ्यास करण्याबाबत रुची निर्माण करणे
	१५ विद्यार्थ्यांना साहित्य विषयक भारतीय आणि पाश्चात्य अभ्यासकांनी केलेल्या सैद्धांतिक मांडणीबाबत अवगत करणे.
	१६ विद्यार्थ्यांना वैचारिक गद्य आणि चरित्र-आत्मचरित्र या दोन वाङ्मय प्रकारातील निवडक लेखनाचे आकलन करून घेण्यास शिकविणे.
	१७ विद्यार्थ्यांना मुद्रित व श्राव्य माध्यमांसाठी आवश्यक लेखन व संवाद कौशल्ये आत्मसात करण्यासाठी प्रोत्साहित करणे.
	१८ विद्यार्थ्यांची सर्जनशील व उपयोजित लेखन कौशल्ये विकसित





करणे.

**Course Outcomes B. A. Marathi**

**Course**

**Outcomes-**

**After completion of these courses students should be able to;**

मराठी जनरल (विशिष्ट वाङ्मय प्रकारचा अभ्यास-कथा)

- १) मराठी वाङ्मयातील कथा या मुलभूत वाङ्मय प्रकारची ओळख होण्यास मदत होते.
- २) कथा, तिचे स्वरूप, घटक आणि प्रमुख प्रकारांचा परिचय विद्यार्थ्यांना होतो.
- ३) मराठी कथेच्या आजवरच्या वाटचालीचा परिचय विद्यार्थ्यांना होतो.
- ४) कथेच्या अभ्यासाची दृष्टी विद्यार्थ्यांमध्ये रुजविण्यास सदर अभ्यासक्रमाची मदत होते.

मराठी जनरल- वाङ्मयीन मराठी

- १) प्रसिद्ध उद्योजकांचा परिचय वाणिज्य विभागातील विद्यार्थ्यांना होतो.
- २) विद्यार्थ्यांमध्ये वाचन संस्कृती व भाषेविषयी आवड निर्माण करता येते.
- ३) यशस्वी उद्योजकांच्या चरित्राद्वारे विद्यार्थ्यांमध्ये व्यावसायिक दृष्टीकोन निर्माण करण्यास मदत होते.
- ४) व्यवसायातील आव्हानांचा परिचय करून देता आला तसेच ती पेलण्याची तयारी करून घेता येते.
- ५) विद्यार्थ्यांमध्ये उत्तम दर्जाची व्यावसायिकवृत्ती निर्माण करून यशस्वी उद्योगाची दिशा दाखविण्यास मदत होते.

मराठी जनरल-कथा आणि संवाद कौशल्ये यांचा अभ्यास

- १) 'माणदेशी माणसं' कथासंग्रहातील कथांची कथानके, व्यक्तिचित्रण व प्रसंगवर्णन या अंगांनी जाणवणारी वैशिष्ट्य विद्यार्थ्यांना समजण्यास मदत होते.
- २) 'माणदेशी माणसं' कथासंग्रहातील कथांची संघर्ष, निवेदन व भाषा या अंगांनी जाणवणारी वैशिष्ट्ये लक्षात येतात.
- ३) संवादाच्या औपचारिक व अनौपचारिक प्रकारांचा परिचय विद्यार्थ्यांना होतो.
- ४) भाषण, सादरीकरण, वादविवाद, सूत्रसंचालन, गटचर्चा या संवाद कौशल्यांचे स्वरूप विद्यार्थ्यांच्या लक्षात येण्यास मदत होते तसेच त्यांचे उपयोजन करण्यास विद्यार्थी शिकतात.

मराठी जनरल-वैचारिक गद्य लेखनाचा अभ्यास  
(शेतकऱ्याचा आसूड -महात्मा फुले)

- १) विद्यार्थ्यांना वैचारिक गद्य लेखनाच्या परंपरेची ओळख करून घेता आली.
- २) विद्यार्थ्यांना महात्मा फुले यांचे जीवन, कार्य व त्यांची वैचारिक जडणघडण याबाबत माहिती जाणून घेता आली.
- ३) शेतकऱ्याचा आसूड पुस्तकातील वैचारिक आशयाची स्वरूप व वैशिष्ट्यांचा तसेच वाङ्मयीन गुण वैशिष्ट्यांची ओळख करून घेता आली.
- ४) चरित्र-आत्मचरित्र लेखनाचे सामाजिक व वाङ्मयीनदृष्ट्या महत्व विद्यार्थ्यांना समजण्यास मदत होते.





	<p>५) मराठीतील चरित्र व आत्मचरित्र लेखन परंपरेचा परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>६) चरित्र -आत्मचरित्र लेखनाची सामाजिक वैशिष्ट्यपूर्णता व लेखनपद्धती याबाबत प्रात्यक्षिकाच्या माध्यमातून विद्यार्थ्यांना जाणीव करून घेता येते.</p>
मराठी एस-१ -वाङ्मय प्रकारचा अभ्यास (कादंबरी व कविता)	<p>१) विद्यार्थ्यांना कादंबरी या वाङ्मय प्रकारची ओळख करून घेता आली.</p> <p>२) विद्यार्थ्यांना आधुनिक काळातील कादंबरीच्या प्रेरणा समजून घेता येतात.</p> <p>३) अवकाळी पावसाच्या दरम्यानची गोष्ट या कादंबरीचा आशय, त्यातील संघर्ष, पात्रचित्रण यांचे प्रातिनिधिक स्वरूपात अध्ययन करण्यास मदत होते.</p> <p>४) अवकाळी पावसाच्या दरम्यानची गोष्ट या कादंबरीतील ग्रामीण जीवनवास्तवाचे स्वरूप विद्यार्थी समजून घेतात.</p> <p>५) कादंबरीचे वाङ्मयीन मूल्यमापन करून घेण्याची दृष्टी विकसित होते.</p> <p>६) कविता या वाङ्मय प्रकारचे स्वरूप, वैशिष्ट्ये, वाटचाल, प्रकार व घटक यांचा परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>७) माझे विद्यापीठ या कविता संग्रहातील जीवन जाणिवांचा शोध विद्यार्थी घेतात.</p> <p>८) कवितेचे वाङ्मयीन आकलन व मूल्यमापन करण्याची विद्यार्थ्यांची दृष्टी विकसित होते.</p>
मराठी विशेषस्तर -२ (साहित्य विचार-भारतीय व पाश्चात्य)	<p>१) पौवार्त्य व पश्चिमात्य साहित्यशास्त्रातील विविध संकल्पना यांचा स्थूल परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>२) साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची निर्मिती प्रक्रिया यांचा विद्यार्थ्यांना परिचय होतो.</p> <p>३) साहित्याचे विविध उपप्रकारांचे स्वरूप व वैशिष्ट्यांचा स्थूल परिचय विद्यार्थ्यांना करून घेण्यास मदत होते.</p> <p>४) साहित्य निर्मितीच्या प्रधान व गौण कारणांची ओळख विद्यार्थ्यांना करून घेता येते.</p> <p>५) साहित्याच्या भाषेचे स्वरूप व शब्द शक्तीचे प्रकार समजून घेता येतात.</p> <p>६) साहित्यातील रस प्रक्रिया संस्कृत साहित्यिकांनी मांडलेल्या रस विचाराच्या आधारे विद्यार्थ्यांना समजून घेता येतात.</p> <p>७) साहित्यातून प्राप्त होणाऱ्या आनंदाचे स्वरूप जाणून घेता येते.</p> <p>८) साहित्याची आस्वाद प्रक्रिया विद्यार्थ्यांना समजून घेण्यास मदत होते.</p>
मराठी SEC -लेखन कौशल्ये	<p>१) मुद्रित शोधनाचे स्वरूप व आवश्यकता जाणून घेता येते तसेच विद्यार्थ्यांना मुद्रित शोधनाचे कौशल्ये आत्मसात करता येते.</p> <p>२) मुद्रित शोधनाच्या खुणा, अर्थ आणि त्यांचे उपयोजन करण्यास विद्यार्थ्यांना मदत होते.</p> <p>३) विरामचिन्हे व लेखनविषयक नियमांचे स्वरूप विद्यार्थ्यांना जाणून घेता येतात.</p>





	<p>४) मुद्रितशोधनाचा सराव करण्यास मदत होते.</p> <p>५) सर्जनशील लेखनाचे स्वरूप व वैशिष्ट्ये जाणून घेता येतात.</p> <p>६) कथालेखन व नाट्य लेखन प्रक्रिया विद्यार्थी समजून घेतात.</p> <p>७) विद्यार्थी कथालेखन व नाट्य लेखन यांचा सराव करतात</p> <p>८) विद्यार्थ्यांमध्ये सर्जनशीलता रुजविता येते.</p>
मराठी MIL –मुद्रित माध्यमांसाठी लेखन	<p>१) वृत्तपत्र या मुद्रित माध्यमांचा विशेष परिचय करून घेता येतो तसेच वृत्तपत्र माध्यमांचे कार्य, उपयुक्तता जाणून घेता येते.</p> <p>२) वृत्तपत्र माध्यमांसाठी बातमी लेखन व जाहिरात लेखन तंत्र विद्यार्थी अवगत करतात.</p> <p>३) वृत्तपत्र माध्यमांसाठी वृत्तलेख लेखन, स्तंभ व सदर लेखन त्यांचे स्वरूप व तंत्र विद्यार्थी जाणून घेतात.</p> <p>४) नभोवाणी या श्राव्य माध्यमांचा विशेष परिचय करून घेता येतो तसेच नभोवाणी माध्यमांचे कार्य, उपयुक्तता जाणून घेता येते.</p> <p>६) नभोवाणी माध्यमांसाठी भाषण लेखन व श्रुतिका लेखन तंत्र विद्यार्थी अवगत करतात.</p> <p>७) नभोवाणी माध्यमांसाठी करावयाच्या युवकांसाठीच्या कार्यक्रमाच्या लेखनाचे स्वरूप व तंत्र विद्यार्थी जाणून घेतात.</p> <p>८) सरकारी व खाजगी नभोवाणी माध्यमांसाठी करावयाच्या निवेदनाचे स्वरूप व तंत्र विद्यार्थी आत्मसात करतात.</p>
मराठी जनरल –ललित वाङ्मय कथा	<p>१) विज्ञान कथा व विनोदी कथा वाङ्मयाची वाटचाल विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>२) विज्ञान व विनोदी कथेच्या विविध घटकांची ओळख विद्यार्थ्यांना होते.</p> <p>३) विज्ञान व विनोदी कथेचे वेगळेपण कोणते ते विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>४) मराठी विज्ञान व विनोदी कथेच्या योगदानाची ओळख विद्यार्थ्यांना होते.</p> <p>५) विज्ञान क्षेत्रातील विविध विषयांवर मराठीतून लेखन करण्यास विद्यार्थी प्रोत्साहित होतात.</p> <p>६) विद्यान कोशासाठी नोंद लेखन करण्याचे तंत्र विद्यार्थी आत्मसात करतात.</p> <p>७) विज्ञान क्षेत्रातील विविध विषयांवरील लोकोपयोगी लेखन करण्याचे कौशल्य विद्यार्थी आत्मसात करतात.</p> <p>८) विद्यार्थ्यांचा वैज्ञानिक दृष्टीकोन विकसित करण्यास मदत होते.</p>
मराठी जनरल-वाङ्मय प्रकार –नाटक	<p>१) नाटक या प्रकारची संकल्पना व व्याख्या यांची ओळख विद्यार्थ्यांना होते.</p> <p>२) नाटकाचे प्रकार, घटक, कथानक, व्यक्तिचित्रण, भाषाशैली व संघर्ष यांचा परिचय विद्यार्थ्यांना होतो.</p> <p>३) नाटकाच्या सामाजिक, ऐतिहासिक, राजकीय नाटकांचा परिचय सहजपणे विद्यार्थ्यांना होण्यास मदत होते.</p> <p>४) नाटकातील सुखात्मिका-शोकात्मिका यांचे स्वरूप व वैशिष्ट्ये विद्यार्थ्यांना समजण्यास मदत होते.</p>

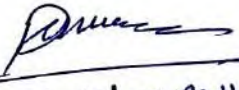




<p>मराठी विशेषस्तर -३ आधुनिक मराठी वाङ्मयाचा इतिहास १९२० ते १९६०</p>	<p>५) मराठी नाटकाच्या इतिहासाचा परिचय विद्यार्थ्यांना होतो.</p> <p>१) १९२० ते १९६० या कालखंडातील वाङ्मयीन व सांस्कृतिक घटनांचा परिचय विद्यार्थ्यांना होतो.</p> <p>२) १९२० ते १९६० या कालखंडातील वाङ्मयीन विविध प्रवाहांचा परिचय विद्यार्थ्यांना होण्यास मदत होते.</p> <p>३) १९२० ते १९६० या कालखंडातील वाङ्मयीन वाङ्मय प्रकारांच्या वाटचालीचा व वाङ्मयीन साहित्य कृतींचा परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>४) १९२० ते १९६० या कालखंडातील कथा, कादंबरी, नाटक व काव्य या वाङ्मय प्रकारातील प्रमुख लेखक व त्यांचे वाङ्मयीन कार्य यांचा परिचय विद्यार्थ्यांना करून घेता येतो.</p>
<p>मराठी विशेषस्तर -४ भाषाविज्ञान</p>	<p>१) भाषा स्वरूप व तिचे मानवी जीवनातील कार्य विद्यार्थ्यांना समजावून घेता येते.</p> <p>२) स्वनिर्मिती प्रक्रिया, वागीन्द्रियांची रचना व कार्य विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>३) स्वनीम संकल्पना व रुपिम संकल्पना विद्यार्थ्यांना समजून घेता येतात.</p> <p>४) वाक्यविन्यास आणि अर्थविन्यास यांचे स्वरूप विद्यार्थ्यांना समजावून घेता येतात.</p> <p>५) मराठी पारंपारिक व्याकरणातील काही महत्वाच्या घटकांचा परिचय विद्यार्थ्यांना होतो.</p>

  
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# Department of Marathi

## Programme Outcomes: B.A. Marathi

Department of Marathi	After successful completion of three year degree program in Marathi a student should be able to;
Programme Outcomes	१. नाटकाची अभिरुची विकसित करून घेतो तसेच नाटकाच्या चिकित्सक अभ्यासाची क्षमता विकसित होते.
	२. मराठी एकांकिकांच्याद्वारे विद्यार्थ्यांमध्ये लेखन कौशल्यविषयक दृष्टीकोन निर्माण करता येतो.
	३. संवादाची क्षमता विकसित करता येते आणि भाषिक कौशल्य विकसित करणे.
	४. दलित एकांकिकांमधून सामाजिक निर्माण करून समाजकार्यासाठी दिशा दाखविता येते.
	५. एकांकिकांची आस्वाद क्षमता विकसित होते.
	६. ललित गद्यातून थोर पुरुष व स्त्रीयांच्या जीवनचरित्रातून नीती-आचरण चिंतनशीलता व भावात्मकता सूत्रांचा परिचय करून देता येतो तसेच स्त्री व पुरुष यांच्या जीवनाच्या विविध पैलूंचे दर्शन घडविता येते.
	७. मध्ययुगीन मराठी वाङ्मयाच्या निर्मितीमागील प्रेरणा, इतिहास, स्वरूप व वैशिष्ट्ये तसेच विविध साहित्यकृतींचा स्थूल परिचय करून घेता येतो.
	८. वारकरी संप्रदायातील संतकवींच्या काव्यनिर्मितीचे स्वरूप, बखर वाङ्मयाचे स्वरूप व वैशिष्ट्यांचा परिचय करून देऊन बखर व अभंग यांची आस्वाद क्षमता विकसित करता येते.
	९. नाट्य अभिरुची विकसित करता येते तसेच नाट्य संकल्पना नाट्य आस्वादाची डोळस क्षमता विकसित करता येते.
	१०. भाषेचे स्वरूप, कार्य, भाषा उत्पत्तीचे सिद्धांत, भाषाकुल संकल्पना, प्रांतिक भेद, मराठीच्या प्रमुख बोलीचा परिचय, भाषाविषयक असलेले गैरसमज, मराठीवरील अन्य भाषांचा पडलेला प्रभाव तसेच मराठी भाषा उत्पत्तीविषयीची मते जाणून घेऊन मराठीची पूर्वपीठीका लक्षात घेता येते.
	११. मराठी व्याकरणाची आस्वाद क्षमता विकसित करून आकलन क्षमता विकसित करणे.
	१२. लोकरंगभूमीची संकल्पना, स्वरूप, वैशिष्ट्ये, लोकसाहित्य व लोकरंगभूमी यांचा परस्परसंबंध तसेच वही, भारूड, दशावतार, तमाशा, लोकनाट्य, पथनाट्य, सत्यशोधक जलसे, रिंगणनाट्य व कीर्तन यांच्या स्वरूप, वैशिष्ट्यांचा परिचय करून देऊन लोकसाहित्यविषयक अभिरुची विकसित करता येते.





	१३ दृक्श्राव्य माध्यमांचा परिचय करून घेऊन त्यासाठी लेखन व संवाद कौशल्य यांचा परिचय करून देऊन दृक्श्राव्य माध्यमांचे कार्य, उपयुक्तता, कार्यक्रमांसाठी लेखन तंत्र व दूरचित्रवाणीसाठी निवेदन कौशल्य विकसित करता येते.
	१४ आधुनिक समाज माध्यमांचा परिचय करून घेता येतो त्याचबरोबर त्यांचे कार्य, उपयुक्तता आणि ईमेल, ब्लॉग फेसबुक, ट्विटर, व्हाटसअप, युट्युब यासाठी लेखन तंत्र व निवेदन कौशल्य विकसित करता येते.
	१५ निबंध लेखनाचे स्वरूप, घटक, प्रकार यांचा परिचय करून घेता येतो त्याचबरोबर निबंध लेखनाचा सराव करून घेऊन निबंध लेखनाचे कौशल्य विकसित करता येते.
	१६ कथेची अभिरुची विकसित करून घेतो तसेच कथेच्या चिकित्सक अभ्यासाची क्षमता विकसित होते.
	१७ यशस्वी उद्योजकांच्या चरित्राद्वारे विद्यार्थ्यांमध्ये व्यावसायिक दृष्टीकोन निर्माण करता येतो.
	१८ संवादाची क्षमता विकसित करता येते आणि भाषिक कौशल्य विकसित करणे.
	१९ उत्तम दर्जाची व्यावसायिकवृत्ती निर्माण करून यशस्वी उद्योगाची दिशा दाखविता येते.
	२० कादंबरीची आस्वाद क्षमता विकसित होते.
	२१ पौर्वात्य व पश्चिमात्य साहित्यशास्त्रातील विविध संकल्पना, साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची निर्मिती प्रक्रिया यांचा स्थूल परिचय करून घेता येतो.
	२२ नाट्य अभिरुची विकसित करता येते तसेच नाट्य संकल्पना नाट्य आस्वादाची डोळस क्षमता विकसित करता येते.
	२३ मराठी व्याकरणाची आस्वाद क्षमता विकसित करून आकलन क्षमता विकसित करणे.
<b>Programme Specific Outcomes</b>	१. एकांकिका या नाट्य प्रकारचे स्वरूप, वाटचाल, लेखन स्वरूप व वैशिष्ट्ये जाणून घेणे.
	२. वाङ्मयीन अभिरुची विकसित करणे.
	३. ललित गद्य वाङ्मय प्रकारची संकल्पना, स्वरूप, वैशिष्ट्ये वाटचाल यांची माहिती करून घेणे व ललित गद्य लेखनातील विविध प्रकारांची, बदलत्या रूपांची ओळख करून घेणे.
	४. संवादासाठीची विविध भाषिक कौशल्य विकसित करणे.
	५. मध्ययुगीन मराठी वाङ्मयाचा इतिहास, निर्मितीमागील प्रेरणा, स्वरूप, वैशिष्ट्ये यांचा परिचय करून घेणे.
	६. मराठीच्या कालिक भेदांचे स्वरूप, प्रांतिक भेद, बोली भाषांची स्वरूप, वैशिष्ट्ये, भाषेविषयक असलेले गैरसमज यांची ओळख करून घेणे.
	७. लोकरंगभूमीची संकल्पना, स्वरूप, वैशिष्ट्ये, लोकसाहित्य व





	<p>लोकरंगभूमी यांचा असलेला परस्पर संबंध समजून घेणे.</p> <p>८. आधुनिक समाज माध्यमांचा परिचय, कार्य, उपयुक्तता, त्यासाठीचे लेखन कौशल्य आणि निवेदन कौशल्य यांचा परिचय करून घेणे.</p> <p>९. निबंध लेखनाचे स्वरूप, घटक, प्रकार समजून घेणे व निबंध लेखनाचे कौशल्य आत्मसात करणे.</p>
	<p>१० उत्तम दर्जाची व्यावसायिकवृत्ती निर्माण करून यशस्वी उद्योगाची दिशा दाखविणे</p> <p>११ संवादासाठीची विविध भाषिक कौशल्य विकसित करणे.</p> <p>१२ पौवार्त्य व पश्चिमात्य साहित्यशास्त्रातील विविध संकल्पना, साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची निर्मिती प्रक्रिया समजावून देणे.</p> <p>१३ नाटकातील सुखात्मिका-शोकात्मिका यांचे स्वरूप व वैशिष्ट्ये</p>

### Course Outcomes B. A. Marathi

Course	Outcomes- After completion of these courses students should be able to;
मराठी जनरल (विशिष्ट वाङ्मय प्रकारचा अभ्यास-एकांकिका व ललित गद्य)	<p>१) मराठी वाङ्मयातील एकांकिका व ललित गद्य या मुलभूत वाङ्मय प्रकारची ओळख होण्यास मदत होते.</p> <p>२) एकांकिका व ललित गद्य तिचे स्वरूप, संकल्पना, वैशिष्ट्ये, वाटचाल आणि प्रमुख प्रकारांचा परिचय विद्यार्थ्यांना होतो.</p> <p>४) मराठी वाङ्मयातील एकांकिका व ललित गद्य यांच्या अभ्यासाची दृष्टी विद्यार्थ्यांमध्ये रुजविण्यास सदर अभ्यासक्रमाची मदत होते.</p>
मराठी एस-३- मध्ययुगीन मराठी वाङ्मयाचा इतिहास	<p>१) मध्ययुगीन मराठी वाङ्मयाच्या इतिहासाचा परिचय विद्यार्थ्यांना होतो.</p> <p>२) विद्यार्थ्यांना मध्ययुगीन मराठी वाङ्मयाच्या निर्मितीमागील प्रेरणा, स्वरूप व वैशिष्ट्ये यांचा परिचय करून देता येतो.</p> <p>३) शाहिरी काव्य आस्वादक क्षमता विद्यार्थ्यांमध्ये निर्माण करण्यास मदत होते.</p> <p>४) मध्ययुगीन काळातील वारकरी संप्रदायाच्या प्रमुख संत कवींच्या काव्यानिर्मितीचा परिचय करून घेता येतो.</p> <p>५) बखर या वाङ्मयनिर्मितीची ओळख करून देता येते तसेच विद्यार्थ्यांना तत्कालीन समाज व्यवस्था व राजकीय स्थितीचे वास्तव रूप समजून घेता येते.</p>
मराठी एस-४ -मराठीचा भाषिक अभ्यास	<p>१) भाषेचे स्वरूप, कार्य, भाषा उत्पत्तीचे सिद्धांत व भाषाकुल संकल्पना अंगांनी जाणवणारी वैशिष्ट्ये विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>२) 'मराठीच्या कालिक भेदांचे स्वरूप, प्रांतिक भेद व त्यांची वैशिष्ट्ये विद्यार्थी समजून घेतात.</p> <p>३) मराठीच्या निवडक बोलींचा परिचय विद्यार्थ्यांना होतो.</p> <p>४) मराठीवरील अन्य भाषांचा प्रभाव जाणून घेण्यास विद्यार्थी</p>





	शिकतात.
मराठी जेनेरिक -मराठी लोकरंगभूमी	<p>१) विद्यार्थ्यांना कीर्तन, भारुड, तमाशा, दशावतार, खान्देशी वही गायन, जलसे, पथनाट्य व रिंगणनाट्य या वाङ्मय प्रकारची ओळख करून घेता आली.</p> <p>२) विद्यार्थ्यांना कीर्तन, भारुड, तमाशा, दशावतार, खान्देशी वही गायन, जलसे, पथनाट्य व रिंगणनाट्य प्रेरणा, संकल्पना व स्वरूप समजून घेता येतात.</p> <p>३) लोकरंगभूमीचे स्वरूप तसेच लोकसाहित्य व लोकरंगभूमी या पारंपारिक रूपांची वैशिष्ट्ये अध्ययन करण्यास मदत होते.</p> <p>४) लोकनाट्य व लोकरंगभूमीच्या आधुनिक रूपांची माहिती विद्यार्थ्यांना समजून घेता येते.</p>
मराठी MIL -दृकश्राव्य माध्यमांसाठी लेखन व संवाद	<p>१) दृकश्राव्य माध्यमांचा परिचय विद्यार्थ्यांना होतो.</p> <p>२) दूरचित्रवाणी या माध्यमाचे कार्य व उपयुक्तता विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>३) विद्यार्थ्यांना दूरचित्रवाणीसाठीच्या मनोरंजनपर कार्यक्रमासाठीचे लेखन स्वरूप व तंत्र अवगत करून घेता येते.</p> <p>४) विद्यार्थ्यांना दूरचित्रवाणीसाठीच्या जाहिरात लेखनाचे स्वरूप व तंत्र अवगत करून घेता येते.</p> <p>५) आधुनिक समाज माध्यमांचे स्वरूप, कार्य व उपयुक्तता समजून घेता येते.</p> <p>६) ईमेल, ब्लॉग, फेसबुक, ट्विटर, व्हाट्सअप, युट्युब या माध्यमांसाठी लेखन तंत्र विद्यार्थ्यांना अवगत करता येते. तसेच फेसबुक व युट्युब यावरील निवेदन कौशल्य विद्यार्थी जाणून घेतात.</p>
मराठी SEC- लेखन कौशल्य- निबंध लेखन	<p>१) निबंध लेखनाचे स्वरूप, संकल्पना, घटक व प्रकार यांचा स्थूल परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>२) निबंध लेखनाचे कौशल्य विद्यार्थी आत्मसात करतात.</p> <p>३) विद्यार्थी निबंध लेखनाचे प्रकार लाखात घेऊन लेखनाचा सराव करतात.</p> <p>४) ग्रंथ परीक्षण लेखनाचे स्वरूप व लेखन प्रक्रिया विद्यार्थी समजून घेतात.</p> <p>५) ग्रंथ परीक्षण लेखनाचे कौशल्य विद्यार्थी आत्मसात करतात.</p> <p>६) विद्यार्थी विविध प्रकारातल ग्रंथांचे परीक्षण करून लेखनाचा सराव करतात.</p>
मराठी जनरल -ललित वाङ्मय कथा	<p>१) कथा वाङ्मयाची वाटचाल विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>२) कथेच्या विविध घटकांची ओळख विद्यार्थ्यांना होते.</p> <p>३) कथेचे वेगळेपण कोणते ते विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>४) मराठी कथेच्या योगदानाची ओळख विद्यार्थ्यांना होते.</p> <p>५) वि.स.खांडेकरांच्या कथांच्या वैशिष्ट्यांचा परिचय विद्यार्थ्यांना होतो.</p>
मराठी जनरल (विशिष्ट वाङ्मय प्रकारचा अभ्यास-कथा)	<p>१) मराठी वाङ्मयातील कथा या मुलभूत वाङ्मय प्रकारची ओळख होण्यास मदत होते.</p>





	<p>२) कथा, तिचे स्वरूप, घटक आणि प्रमुख प्रकारांचा परिचय विद्यार्थ्यांना होतो.</p> <p>३) मराठी कथेच्या आजवरच्या वाटचालीचा परिचय विद्यार्थ्यांना होतो.</p> <p>४) कथेच्या अभ्यासाची दृष्टी विद्यार्थ्यांमध्ये रुजविण्यास सदर अभ्यासक्रमाची मदत होते.</p>
मराठी जनरल- वाङ्मयीन मराठी	<p>१) प्रसिद्ध उद्योजकांचा परिचय वाणिज्य विभागातील विद्यार्थ्यांना होतो.</p> <p>२) विद्यार्थ्यांमध्ये वाचन संस्कृती व भाषेविषयी आवड निर्माण करता येते.</p> <p>३) यशस्वी उद्योजकांच्या चरित्राद्वारे विद्यार्थ्यांमध्ये व्यावसायिक दृष्टीकोन निर्माण करण्यास मदत होते.</p> <p>४) व्यवसायातील आव्हानांचा परिचय करून देता आला तसेच ती प्रेलण्याची तयारी करून घेता येते.</p> <p>५) विद्यार्थ्यांमध्ये उत्तम दर्जाची व्यावसायिकवृत्ती निर्माण करून यशस्वी उद्योगाची दिशा दाखविण्यास मदत होते.</p>
मराठी जनरल-कथा आणि संवाद कौशल्ये यांचा अभ्यास	<p>१) 'माणदेशी माणसं' कथासंग्रहातील कथांची कथानके, व्यक्तिचित्रण व प्रसंगवर्णन या अंगांनी जाणवणारी वैशिष्ट्य विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>२) 'माणदेशी माणसं' कथासंग्रहातील कथांची संघर्ष, निवेदन व भाषा या अंगांनी जाणवणारी वैशिष्ट्य लक्षात येतात.</p> <p>३) संवादाच्या औपचारिक व अनौपचारिक प्रकारांचा परिचय विद्यार्थ्यांना होतो.</p> <p>४) भाषण, सादरीकरण, वादविवाद, सूत्रसंचालन, गटचर्चा या संवाद कौशल्यांचे स्वरूप विद्यार्थ्यांच्या लक्षात येण्यास मदत होते तसेच त्यांचे उपयोजन करण्यास विद्यार्थी शिकतात.</p>
मराठी जनरल-वैचारिक गद्य लेखनाचा अभ्यास (शेतकऱ्याचा आसूड -महात्मा फुले)	<p>१) विद्यार्थ्यांना वैचारिक गद्य लेखनाच्या परंपरेची ओळख करून घेता आली.</p> <p>२) विद्यार्थ्यांना महात्मा फुले यांचे जीवन, कार्य व त्यांची वैचारिक जडणघडण याबाबत माहिती जाणून घेता आली.</p> <p>३) शेतकऱ्याचा आसूड पुस्तकातील वैचारिक आशयाची स्वरूप व वैशिष्ट्यांचा तसेच वाङ्मयीन गुण वैशिष्ट्यांची ओळख करून घेता आली.</p> <p>४) चरित्र-आत्मचरित्र लेखनाचे सामाजिक व वाङ्मयीनदृष्ट्या महत्व विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>५) मराठीतील चरित्र व आत्मचरित्र लेखन परंपरेचा परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>६) चरित्र-आत्मचरित्र लेखनाची सामाजिक वैशिष्ट्यपूर्णता व लेखनपद्धती याबाबत प्रात्यक्षिकाच्या माध्यमातून विद्यार्थ्यांना जाणीव करून घेता येते.</p>
मराठी एस-१ -वाङ्मय प्रकारचा अभ्यास (कादंबरी व कविता)	<p>१) विद्यार्थ्यांना कादंबरी या वाङ्मय प्रकारची ओळख करून घेता आली.</p> <p>२) विद्यार्थ्यांना आधुनिक काळातील कादंबरीच्या प्रेरणा समजून घेता येतात.</p>





	<p>३) अवकाळी पावसाच्या दरम्यानची गोष्ट या कादंबरीचा आशय, त्यातील संघर्ष, पात्रचित्रण यांचे प्रातिनिधिक स्वरूपात अध्ययन करण्यास मदत होते.</p> <p>४) अवकाळी पावसाच्या दरम्यानची गोष्ट या कादंबरीतील ग्रामीण जीवनवास्तवाचे स्वरूप विद्यार्थी समजून घेतात.</p> <p>५) कादंबरीचे वाङ्मयीन मूल्यमापन करून घेण्याची दृष्टी विकसित होते.</p> <p>६) कविता या वाङ्मय प्रकारचे स्वरूप, वैशिष्ट्ये, वाटचाल, प्रकार व प्लटक यांचा परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>७) माझे विद्यापीठ या कविता संग्रहातील जीवन जाणिवांचा शोध विद्यार्थी घेतात.</p> <p>८) कवितेचे वाङ्मयीन आकलन व मूल्यमापन करण्याची विद्यार्थ्यांची दृष्टी विकसित होते.</p>
मराठी विशेषस्तर -२ (साहित्य विचार-भारतीय व पाश्चात्य)	<p>१) पौवारत्य व पश्चिमात्य साहित्यशास्त्रातील विविध संकल्पना यांचा स्थूल परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>२) साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची निर्मिती प्रक्रिया यांचा विद्यार्थ्यांना परिचय होतो.</p> <p>३) साहित्याचे विविध उपप्रकारांचे स्वरूप व वैशिष्ट्यांचा स्थूल परिचय विद्यार्थ्यांना करून घेण्यास मदत होते.</p> <p>४) साहित्य निर्मितीच्या प्रधान व गौण कारणांची ओळख विद्यार्थ्यांना करून घेता येते.</p> <p>५) साहित्याच्या भाषेचे स्वरूप व शब्द शक्तीचे प्रकार समजून घेता येतात.</p> <p>६) साहित्यातील रस प्रक्रिया संस्कृत साहित्यिकांनी मांडलेल्या रस विचाराच्या आधारे विद्यार्थ्यांना समजून घेता येतात.</p> <p>७) साहित्यातून प्राप्त होणाऱ्या आनंदाचे स्वरूप जाणून घेता येते.</p> <p>८) साहित्याची आस्वाद प्रक्रिया विद्यार्थ्यांना समजून घेण्यास मदत होते.</p>
मराठी SEC -लेखन कौशल्ये	<p>१) मुद्रित शोधनाचे स्वरूप व आवश्यकता जाणून घेता येते तसेच विद्यार्थ्यांना मुद्रित शोधनाचे कौशल्ये आत्मसात करता येते.</p> <p>२) मुद्रित शोधनाच्या खुणा, अर्थ आणि त्यांचे उपयोजन करण्यास विद्यार्थ्यांना मदत होते.</p> <p>३) विरामचिन्हे व लेखनविषयक नियमांचे स्वरूप विद्यार्थ्यांना जाणून घेता येतात.</p> <p>४) मुद्रितशोधनाचा सराव करण्यास मदत होते.</p> <p>५) सर्जनशील लेखनाचे स्वरूप व वैशिष्ट्ये जाणून घेता येतात.</p> <p>६) कथालेखन व नाट्य लेखन प्रक्रिया विद्यार्थी समजून घेतात.</p> <p>७) विद्यार्थी कथालेखन व नाट्य लेखन यांचा सराव करतात</p> <p>८) विद्यार्थ्यांमध्ये सर्जनशीलता रुजविता येते.</p>
मराठी MIL -मुद्रित माध्यमांसाठी लेखन	<p>१) वृत्तपत्र या मुद्रित माध्यमांचा विशेष परिचय करून घेता येतो तसेच वृत्तपत्र माध्यमांचे कार्य, उपयुक्तता जाणून घेता येते.</p> <p>२) वृत्तपत्र माध्यमांसाठी बातमी लेखन व जाहिरात लेखन तंत्र</p>





	<p>विद्यार्थी अवगत करतात.</p> <p>३) वृत्तपत्र माध्यमांसाठी वृत्तलेख लेखन, स्तंभ व सदर लेखन त्यांचे स्वरूप व तंत्र विद्यार्थी जाणून घेतात.</p> <p>४) नभोवाणी या श्राव्य माध्यमांचा विशेष परिचय करून घेता येतो तसेच नभोवाणी माध्यमांचे कार्य, उपयुक्तता जाणून घेता येते.</p> <p>६) नभोवाणी माध्यमांसाठी भाषण लेखन व श्रुतिका लेखन तंत्र विद्यार्थी अवगत करतात.</p> <p>७) नभोवाणी माध्यमांसाठी करावयाच्या युवकांसाठीच्या कार्यक्रमाच्या लेखनाचे स्वरूप व तंत्र विद्यार्थी जाणून घेतात.</p> <p>८) सरकारी व खाजगी नभोवाणी माध्यमांसाठी करावयाच्या निवेदनाचे स्वरूप व तंत्र विद्यार्थी आत्मसात करतात.</p>
मराठी जनरल -ललित वाङ्मय कथा	<p>१) विज्ञान कथा व विनोदी कथा वाङ्मयाची वाटचाल विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>२) विज्ञान व विनोदी कथेच्या विविध घटकांची ओळख विद्यार्थ्यांना होते.</p> <p>३) विज्ञान व विनोदी कथेचे वेगळेपण कोणते ते विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>४) मराठी विज्ञान व विनोदी कथेच्या योगदानाची ओळख विद्यार्थ्यांना होते.</p> <p>५) विज्ञान क्षेत्रातील विविध विषयांवर मराठीतून लेखन करण्यास विद्यार्थी प्रोत्साहित होतात.</p> <p>६) विज्ञान कोशासाठी नोंद लेखन करण्याचे तंत्र विद्यार्थी आत्मसात करतात.</p> <p>७) विज्ञान क्षेत्रातील विविध विषयांवरील लोकोपयोगी लेखन करण्याचे कौशल्य विद्यार्थी आत्मसात करतात.</p> <p>८) विद्यार्थ्यांचा वैज्ञानिक दृष्टीकोन विकसित करण्यास मदत होते.</p>

  
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# Department of Marathi

## Programme Outcomes: B.A. Marathi 2020-21

Department of Marathi	After successful completion of three year degree program in Marathi a student should be able to;
Programme Outcomes	१. नाटकाची अभिरुची विकसित करून घेतो तसेच नाटकाच्या चिकित्सक अभ्यासाची क्षमता विकसित होते.
	२. मराठी एकांकिकांच्याद्वारे विद्यार्थ्यांमध्ये लेखन कौशल्यविषयक दृष्टीकोन निर्माण करता येतो.
	३. संवादाची क्षमता विकसित करता येते आणि भाषिक कौशल्य विकसित करणे.
	४. दलित एकांकिकांमधून सामाजिक निर्माण करून समाजकार्यासाठी दिशा दाखविता येते.
	५. एकांकिकांची आस्वाद क्षमता विकसित होते.
	६. ललित गद्यातून थोर पुरुष व स्त्रीयांच्या जीवनचरित्रातून नीती-आचरण चिंतनशीलता व भावात्मकता सूत्रांचा परिचय करून देता येतो तसेच स्त्री व पुरुष यांच्या जीवनाच्या विविध पैलूंचे दर्शन घडविता येते.
	७. मध्ययुगीन मराठी वाङ्मयाच्या निर्मितीमागील प्रेरणा, इतिहास, स्वरूप व वैशिष्ट्ये तसेच विविध साहित्यकृतींचा स्थूल परिचय करून घेता येतो.
	८. वारकरी संप्रदायातील संतकवींच्या काव्यनिर्मितीचे स्वरूप, बखर वाङ्मयाचे स्वरूप व वैशिष्ट्यांचा परिचय करून देऊन बखर व अभंग यांची आस्वाद क्षमता विकसित करता येते.
	९. नाट्य अभिरुची विकसित करता येते तसेच नाट्य संकल्पना नाट्य आस्वादाची डोळस क्षमता विकसित करता येते.
	१०. भाषेचे स्वरूप, कार्य, भाषा उत्पत्तीचे सिद्धांत, भाषाकुल संकल्पना, प्रांतिक भेद, मराठीच्या प्रमुख बोलीचा परिचय, भाषाविषयक असलेले गैरसमज, मराठीवरील अन्य भाषांचा पडलेला प्रभाव तसेच मराठी भाषा उत्पत्तीविषयीची मते जाणून घेऊन मराठीची पूर्वपीठीका लक्षात घेता येते.
	११. मराठी व्याकरणाची आस्वाद क्षमता विकसित करून आकलन क्षमता विकसित करणे.
	१२. लोकरंगभूमीची संकल्पना, स्वरूप, वैशिष्ट्ये, लोकसाहित्य व लोकरंगभूमी यांचा परस्परसंबंध तसेच वही, भारुड, दशावतार, तमाशा, लोकनाट्य, पथनाट्य, सत्यशोधक जलसे, रिंगणनाट्य व कीर्तन यांच्या स्वरूप, वैशिष्ट्यांचा परिचय करून देऊन लोकसाहित्यविषयक अभिरुची विकसित करता येते.





	१३ दृकश्राव्य माध्यमांचा परिचय करून घेऊन त्यासाठी लेखन व संवाद कौशल्य यांचा परिचय करून देऊन दृकश्राव्य माध्यमांचे कार्य, उपयुक्तता, कार्यक्रमांसाठी लेखन तंत्र व दूरचित्रवाणीसाठी निवेदन कौशल्य विकसित करता येते.
	१४ आधुनिक समाज माध्यमांचा परिचय करून घेता येतो त्याचबरोबर त्यांचे कार्य, उपयुक्तता आणि ईमेल, ब्लॉग फेसबुक, ट्विटर, व्हाटसअप, युट्युब यासाठी लेखन तंत्र व निवेदन कौशल्य विकसित करता येते.
	१५ निबंध लेखनाचे स्वरूप, घटक, प्रकार यांचा परिचय करून घेता येतो त्याचबरोबर निबंध लेखनाचा सराव करून घेऊन निबंध लेखनाचे कौशल्य विकसित करता येते.
	१६ कथेची अभिरुची विकसित करून घेतो तसेच कथेच्या चिकित्सक अभ्यासाची क्षमता विकसित होते.
	१७ यशस्वी उद्योजकांच्या चरित्राद्वारे विद्यार्थ्यांमध्ये व्यावसायिक दृष्टीकोन निर्माण करता येतो.
	१८ संवादाची क्षमता विकसित करता येते आणि भाषिक कौशल्य विकसित करणे.
	१९ उत्तम दर्जाची व्यावसायिकवृत्ती निर्माण करून यशस्वी उद्योगाची दिशा दाखविता येते.
	२० कादंबरीची आस्वाद क्षमता विकसित होते.
	२१ पौवार्त्य व पश्चिमात्य साहित्यशास्त्रातील विविध संकल्पना, साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची निर्मिती प्रक्रिया यांचा स्थूल परिचय करून घेता येतो.
	२२ नाट्य अभिरुची विकसित करता येते तसेच नाट्य संकल्पना नाट्य आस्वादाची डोळस क्षमता विकसित करता येते.
	२३ मराठी व्याकरणाची आस्वाद क्षमता विकसित करून आकलन क्षमता विकसित करणे.
	२४ कवितेची अभिरुची विकसित करून घेतो तसेच कवितेच्या चिकित्सक अभ्यासाची क्षमता विकसित होते.
<b>Programme Specific Outcomes</b>	१. एकांकिका या नाट्य प्रकारचे स्वरूप, वाटचाल, लेखन स्वरूप व वैशिष्ट्ये जाणून घेणे.
	२. वाङ्मयीन अभिरुची विकसित करणे.
	३. ललित गद्य वाङ्मय प्रकारची संकल्पना, स्वरूप, वैशिष्ट्ये वाटचाल यांची माहिती करून घेणे व ललित गद्य लेखनातील विविध प्रकारांची, बदलत्या रूपांची ओळख करून घेणे.
	४. संवादासाठीची विविध भाषिक कौशल्य विकसित करणे.
	५. मध्ययुगीन मराठी वाङ्मयाचा इतिहास, निर्मितीमागील प्रेरणा, स्वरूप, वैशिष्ट्ये यांचा परिचय करून घेणे.
	६. मराठीच्या कालिक भेदांचे स्वरूप, प्रांतिक भेद, बोली भाषांची स्वरूप, वैशिष्ट्ये, भाषेविषयक असलेले गैरसमज यांची ओळख





	करून घेणे.
	७. लोकरंगभूमीची संकल्पना, स्वरूप, वैशिष्ट्ये, लोकसाहित्य व लोकरंगभूमी यांचा असलेला परस्पर संबंध समजून घेणे.
	८. आधुनिक समाज माध्यमांचा परिचय, कार्य, उपयुक्तता, त्यासाठीचे लेखन कौशल्य आणि निवेदन कौशल्य यांचा परिचय करून घेणे.
	९. निबंध लेखनाचे स्वरूप, घटक, प्रकार समजून घेणे व निबंध लेखनाचे कौशल्य आत्मसात करणे.
	१० उत्तम दर्जाची व्यावसायिकवृत्ती निर्माण करून यशस्वी उद्योगाची दिशा दाखविणे
	११ संवादासाठीची विविध भाषिक कौशल्य विकसित करणे.
	१२ पौवार्त्य व पश्चिमात्य साहित्यशाखातील विविध संकल्पना, साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची निर्मिती प्रक्रिया समजावून देणे.
	१३ नाटकातील सुखात्मिका-शोकात्मिका यांचे स्वरूप व वैशिष्ट्ये

### Course Outcomes B. A. Marathi

Course	Outcomes- After completion of these courses students should be able to;
टी.वाय.बी.ए.मराठी जनरल (विशिष्ट वाङ्मय प्रकारचा अभ्यास- एकांकिका व ललित गद्य)	१) मराठी वाङ्मयातील एकांकिका व ललित गद्य या मुलभूत वाङ्मय प्रकारची ओळख होण्यास मदत होते. २) एकांकिका व ललित गद्य तिचे स्वरूप, संकल्पना, वैशिष्ट्ये, वाटचाल आणि प्रमुख प्रकारांचा परिचय विद्यार्थ्यांना होतो. ४) मराठी वाङ्मयातील एकांकिका व ललित गद्य यांच्या अभ्यासाची दृष्टी विद्यार्थ्यांमध्ये रुजविण्यास सदर अभ्यासक्रमाची मदत होते.
टी.वाय.बी.ए.मराठी एस-३- मध्ययुगीन मराठी वाङ्मयाचा इतिहास	१) मध्ययुगीन मराठी वाङ्मयाच्या इतिहासाचा परिचय विद्यार्थ्यांना होतो. २) विद्यार्थ्यांना मध्ययुगीन मराठी वाङ्मयाच्या निर्मितीमागील प्रेरणा, स्वरूप व वैशिष्ट्ये यांचा परिचय करून देता येतो. ३) शाहिरी काव्य आस्वादक क्षमता विद्यार्थ्यांमध्ये निर्माण करण्यास मदत होते. ४) मध्ययुगीन काळातील वारकरी संप्रदायाच्या प्रमुख संत कवींच्या काव्यानिर्मितीचा परिचय करून घेता येतो. ५) बखर या वाङ्मयनिर्मितीची ओळख करून देता येते तसेच विद्यार्थ्यांना तत्कालीन समाज व्यवस्था व राजकीय स्थितीचे वास्तव रूप समजून घेता येते.
टी.वाय.बी.ए.मराठी एस-४ - मराठीचा भाषिक अभ्यास	१) भाषेचे स्वरूप, कार्य, भाषा उत्पत्तीचे सिद्धांत व भाषाकुल संकल्पना अंगांनी जाणवणारी वैशिष्ट्ये विद्यार्थ्यांना समजण्यास मदत होते. २) 'मराठीच्या कालिक भेदांचे स्वरूप, प्रांतिक भेद व त्यांची वैशिष्ट्ये विद्यार्थी समजून घेतात.





	<p>३) मराठीच्या निवडक बोलींचा परिचय विद्यार्थ्यांना होतो.</p> <p>४) मराठीवरील अन्य भाषांचा प्रभाव जाणून घेण्यास विद्यार्थी शिकतात.</p>
टी.वाय.बी.ए.मराठी जेनेरिक – मराठी लोकरंगभूमी	<p>१) विद्यार्थ्यांना कीर्तन, भारुड, तमाशा, दशावतार, खान्देशी वही गायन, जलसे, पथनाट्य व रिंगणनाट्य या वाङ्मय प्रकारची ओळख करून घेता आली.</p> <p>२) विद्यार्थ्यांना कीर्तन, भारुड, तमाशा, दशावतार, खान्देशी वही गायन, जलसे, पथनाट्य व रिंगणनाट्य प्रेरणा, संकल्पना व स्वरूप समजून घेता येतात.</p> <p>३) लोकरंगभूमीचे स्वरूप तसेच लोकसाहित्य व लोकरंगभूमी या पारंपारिक रूपांची वैशिष्ट्ये अध्ययन करण्यास मदत होते.</p> <p>४) लोकनाट्य व लोकरंगभूमीच्या आधुनिक रूपांची माहिती विद्यार्थ्यांना समजून घेता येते.</p>
टी.वाय.बी.ए.मराठी MIL – दृकश्राव्य माध्यमांसाठी लेखन व संवाद	<p>१) दृकश्राव्य माध्यमांचा परिचय विद्यार्थ्यांना होतो.</p> <p>२) दूरचित्रवाणी या माध्यमाचे कार्य व उपयुक्तता विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>३) विद्यार्थ्यांना दूरचित्रवाणीसाठीच्या मनोरंजनपर कार्यक्रमासाठीचे लेखन स्वरूप व तंत्र अवगत करून घेता येते.</p> <p>४) विद्यार्थ्यांना दूरचित्रवाणीसाठीच्या जाहिरात लेखनाचे स्वरूप व तंत्र अवगत करून घेता येते.</p> <p>५) आधुनिक समाज माध्यमांचे स्वरूप, कार्य व उपयुक्तता समजून घेता येते.</p> <p>६) ईमेल, ब्लॉग, फेसबुक, ट्विटर, व्हाटसअप, युट्युब या माध्यमांसाठी लेखन तंत्र विद्यार्थ्यांना अवगत करता येते. तसेच फेसबुक व युट्युब यावरील निवेदन कौशल्य विद्यार्थी जाणून घेतात.</p>
टी.वाय.बी.ए.मराठी SEC- लेखन कौशल्य- निबंध लेखन	<p>१) निबंध लेखनाचे स्वरूप, संकल्पना, घटक व प्रकार यांचा स्थूल परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>२) निबंध लेखनाचे कौशल्य विद्यार्थी आत्मसात करतात.</p> <p>३) विद्यार्थी निबंध लेखनाचे प्रकार लाखात घेऊन लेखनाचा सराव करतात.</p> <p>४) ग्रंथ परीक्षण लेखनाचे स्वरूप व लेखन प्रक्रिया विद्यार्थी समजून घेतात.</p> <p>५) ग्रंथ परीक्षण लेखनाचे कौशल्य विद्यार्थी आत्मसात करतात.</p> <p>६) विद्यार्थी विविध प्रकारातल ग्रंथांचे परीक्षण करून लेखनाचा सराव करतात.</p>
एस.वाय.बी.ए. मराठी जनरल- वैचारिक गद्य लेखनाचा अभ्यास (शेतकऱ्याचा आसूड –महात्मा फुले)	<p>१) विद्यार्थ्यांना वैचारिक गद्य लेखनाच्या परंपरेची ओळख करून घेता आली.</p> <p>२) विद्यार्थ्यांना महात्मा फुले यांचे जीवन, कार्य व त्यांची वैचारिक जडणघडण याबाबत माहिती जाणून घेता आली.</p> <p>३) शेतकऱ्याचा आसूड पुस्तकातील वैचारिक आशयाची स्वरूप व वैशिष्ट्यांचा तसेच वाङ्मयीन गुण वैशिष्ट्यांची ओळख करून घेता आली.</p>





	<p>४) चरित्र-आत्मचरित्र लेखनाचे सामाजिक व वाङ्मयीनदृष्ट्या महत्त्व विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>५) मराठीतील चरित्र व आत्मचरित्र लेखन परंपरेचा परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>६) चरित्र -आत्मचरित्र लेखनाची सामाजिक वैशिष्ट्यपूर्णता व लेखनपद्धती याबाबत प्रात्यक्षिकाच्या माध्यमातून विद्यार्थ्यांना जाणीव करून घेता येते.</p>
<p>एस.वाय.बी.ए. मराठी एस-१ - वाङ्मय प्रकारचा अभ्यास (कादंबरी व कविता)</p>	<p>१) विद्यार्थ्यांना कादंबरी या वाङ्मय प्रकारची ओळख करून घेता आली.</p> <p>२) विद्यार्थ्यांना आधुनिक काळातील कादंबरीच्या प्रेरणा समजून घेता येतात.</p> <p>३) अवकाळी पावसाच्या दरम्यानची गोष्ट या कादंबरीचा आशय, त्यातील संघर्ष, पात्रचित्रण यांचे प्रातिनिधिक स्वरूपात अध्ययन करण्यास मदत होते.</p> <p>४) अवकाळी पावसाच्या दरम्यानची गोष्ट या कादंबरीतील ग्रामीण जीवनवास्तवाचे स्वरूप विद्यार्थी समजून घेतात.</p> <p>५) कादंबरीचे वाङ्मयीन मूल्यमापन करून घेण्याची दृष्टी विकसित होते.</p> <p>६) कविता या वाङ्मय प्रकारचे स्वरूप, वैशिष्ट्ये, वाटचाल, प्रकार व घटक यांचा परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>७) माझे विद्यापीठ या कविता संग्रहातील जीवन जाणिवांचा शोध विद्यार्थी घेतात.</p> <p>८) कवितेचे वाङ्मयीन आकलन व मूल्यमापन करण्याची विद्यार्थ्यांची दृष्टी विकसित होते.</p>
<p>एस.वाय.बी.ए. मराठी विशेषस्तर -२ (साहित्य विचार-भारतीय व पाश्चात्य)</p>	<p>१) पौवार्त्य व पश्चिमात्य साहित्यशास्त्रातील विविध संकल्पना यांचा स्थूल परिचय विद्यार्थ्यांना करून घेता येतो.</p> <p>२) साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची निर्मिती प्रक्रिया यांचा विद्यार्थ्यांना परिचय होतो.</p> <p>३) साहित्याचे विविध उपप्रकारांचे स्वरूप व वैशिष्ट्यांचा स्थूल परिचय विद्यार्थ्यांना करून घेण्यास मदत होते.</p> <p>४) साहित्य निर्मितीच्या प्रधान व गौण कारणांची ओळख विद्यार्थ्यांना करून घेता येते.</p> <p>५) साहित्याच्या भाषेचे स्वरूप व शब्द शक्तीचे प्रकार समजून घेता येतात.</p> <p>६) साहित्यातील रस प्रक्रिया संस्कृत साहित्यिकांनी मांडलेल्या रस विचाराच्या आधारे विद्यार्थ्यांना समजून घेता येतात.</p> <p>७) साहित्यातून प्राप्त होणाऱ्या आनंदाचे स्वरूप जाणून घेता येते.</p> <p>८) साहित्याची आस्वाद प्रक्रिया विद्यार्थ्यांना समजून घेण्यास मदत होते.</p>
<p>एस.वाय.बी.ए. मराठी SEC - लेखन कौशल्ये</p>	<p>१) मुद्रित शोधनाचे स्वरूप व आवश्यकता जाणून घेता येते तसेच विद्यार्थ्यांना मुद्रित शोधनाचे कौशल्ये आत्मसात करता येते.</p> <p>२) मुद्रित शोधनाच्या खुणा, अर्थ आणि त्यांचे उपयोजन करण्यास विद्यार्थ्यांना मदत होते.</p>





	<p>३) विरामचिन्हे व लेखनविषयक नियमांचे स्वरूप विद्यार्थ्यांना जाणून घेता येतात.</p> <p>४) मुद्रितशोधनाचा सराव करण्यास मदत होते.</p> <p>५) सर्जनशील लेखनाचे स्वरूप व वैशिष्ट्ये जाणून घेता येतात.</p> <p>६) कथालेखन व नाट्य लेखन प्रक्रिया विद्यार्थी समजून घेतात.</p> <p>७) विद्यार्थी कथालेखन व नाट्य लेखन यांचा सराव करतात</p> <p>८) विद्यार्थ्यांमध्ये सर्जनशीलता रुजविता येते.</p>
<p>एस.वाय.बी.ए. मराठी MIL –मुद्रित माध्यमांसाठी लेखन</p>	<p>१) वृत्तपत्र या मुद्रित माध्यमांचा विशेष परिचय करून घेता येतो तसेच वृत्तपत्र माध्यमांचे कार्य, उपयुक्तता जाणून घेता येते.</p> <p>२) वृत्तपत्र माध्यमांसाठी बातमी लेखन व जाहिरात लेखन तंत्र विद्यार्थी अवगत करतात.</p> <p>३) वृत्तपत्र माध्यमांसाठी वृत्तलेख लेखन, स्तंभ व सदर लेखन त्यांचे स्वरूप व तंत्र विद्यार्थी जाणून घेतात.</p> <p>४) नभोवाणी या श्राव्य माध्यमांचा विशेष परिचय करून घेता येतो तसेच नभोवाणी माध्यमांचे कार्य, उपयुक्तता जाणून घेता येते.</p> <p>६) नभोवाणी माध्यमांसाठी भाषण लेखन व श्रुतिका लेखन तंत्र विद्यार्थी अवगत करतात.</p> <p>७) नभोवाणी माध्यमांसाठी करावयाच्या युवकांसाठीच्या कार्यक्रमाच्या लेखनाचे स्वरूप व तंत्र विद्यार्थी जाणून घेतात.</p> <p>८) सरकारी व खाजगी नभोवाणी माध्यमांसाठी करावयाच्या निवेदनाचे स्वरूप व तंत्र विद्यार्थी आत्मसात करतात.</p>
<p>एस.वाय.बी.ए.सी. मराठी जनरल – ललित वाङ्मय कथा</p>	<p>१) विज्ञान कथा व विनोदी कथा वाङ्मयाची वाटचाल विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>२) विज्ञान व विनोदी कथेच्या विविध घटकांची ओळख विद्यार्थ्यांना होते.</p> <p>३) विज्ञान व विनोदी कथेचे वेगळेपण कोणते ते विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>४) मराठी विज्ञान व विनोदी कथेच्या योगदानाची ओळख विद्यार्थ्यांना होते.</p> <p>५) विज्ञान क्षेत्रातील विविध विषयांवर मराठीतून लेखन करण्यास विद्यार्थी प्रोत्साहित होतात.</p> <p>६) विज्ञान कोशासाठी नोंद लेखन करण्याचे तंत्र विद्यार्थी आत्मसात करतात.</p> <p>७) विज्ञान क्षेत्रातील विविध विषयांवरील लोकोपयोगी लेखन करण्याचे कौशल्य विद्यार्थी आत्मसात करतात.</p> <p>८) विद्यार्थ्यांचा वैज्ञानिक दृष्टीकोन विकसित करण्यास मदत होते.</p>
<p>एफ.वाय.बी.ए. मराठी जनरल (विशिष्ट वाङ्मय प्रकारचा अभ्यास-कथा)</p>	<p>१) मराठी वाङ्मयातील कथा या मुलभूत वाङ्मय प्रकारची ओळख होण्यास मदत होते.</p> <p>२) कथा, तिचे स्वरूप, घटक आणि प्रमुख प्रकारांचा परिचय विद्यार्थ्यांना होतो.</p> <p>३) मराठी कथेच्या आजवरच्या वाटचालीचा परिचय विद्यार्थ्यांना होतो.</p>





	<p>४) कथेच्या अभ्यासाची दृष्टी विद्यार्थ्यांमध्ये रुजविण्यास सदर अभ्यासक्रमाची मदत होते.</p> <p>५) कवितेची अभिरुची विकसित करण्यास मदत होते. तसेच कवितेच्या चिकित्सक अभ्यासाची क्षमता विकसित होते.</p>
<p>एफ.वाय.बीएस्सी.मराठी जनरल-कथा आणि संवाद कौशल्ये यांचा अभ्यास</p>	<p>१) 'माणदेशी माणसं' कथासंग्रहातील कथांची कथानके, व्यक्तिचित्रण व प्रसंगवर्णन या अंगांनी जाणवणारी वैशिष्ट्य विद्यार्थ्यांना समजण्यास मदत होते.</p> <p>२) 'माणदेशी माणसं' कथासंग्रहातील कथांची संघर्ष,निवेदन व भाषा या अंगांनी जाणवणारी वैशिष्ट्य लक्षात येतात.</p> <p>३) संवादाच्या औपचारिक व अनौपचारिक प्रकारांचा परिचय विद्यार्थ्यांना होतो.</p> <p>४) भाषण,सादरीकरण, वादविवाद, सूत्रसंचालन, गटचर्चा या संवाद कौशल्यांचे स्वरूप विद्यार्थ्यांच्या लक्षात येण्यास मदत होते तसेच त्यांचे उपयोजन करण्यास विद्यार्थी शिकतात.</p>

  
**IQAC, Co-Ordinator**  
**Pankaj Kala Mahavidyalay**  
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|| Vidya Vinyen Shobhate ||

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## **Pankaj Kala Mahavidyalaya, Chopda, Dist. Jalgaon**

**Department of Defence and Strategic Studies**

### **(Programme Specific Outcomes)**

- Students were aware of various security challenges to India's national security.
- Students understood the war planning, military strength, weapons, effects and military lessons of various wars fought on the Indian Territory.
- Students were aware of major challenges like Terrorism, Naxalism, Insurgency to the security of India.
- Students understood the problems due to WMD, NMD and proliferation of small arms to International peace and security.
- Students were aware about various global issues like environmental security, organized crime, technology and security, global crisis, human health.





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*Pankaj Shaikshanik & Samajik Sanstha Sanchalit*  
**Pankaj Kala Mahavidyalaya, Chopda**

**Department of Defence and Strategic Studies**

**Course Outcome**

**FYBA**

**Def-101. Indian Art of War- FYBA (Defence & Strategic Studies)**

CO1. Students understood the concept of war.

CO 2. Students understood the meaning and types of strategies.

CO3. Students were aware about the ancient and modern war history

CO4. Students understood the war planning, military strength, weapons, effects and military lessons of various wars fought on the Indian Territory.

**Paper Title-Road Safety**

1. The Students will immediately connect to the understanding of the course connect because they have introduced with the content at primary level up to their XII th class.
2. The Strengthening will help in surrendering the psychological barriers on the part of the students.
3. This newly emerged confidence will also nature their ability of suing Defence & Strategic Studies.
4. To make social awareness in youth.
5. To guide for road safety.
6. To realize for the loss of road accident.
7. To make responsible citizen.
8. This paper attempt to familiarize the students with road safety in India is very critical problems.





## **SYBA**

### **SYBA-S2 Paper Title-Defence Mechanism & Organisation of India**

- 1) Understand about the military organization & principal of organization.
- 2) Understand the Higher Defence organization of India.
- 3) Join the defence & paramilitary forces & join defence service.
- 4) Also understand Intelligence of India & Intelligence organization.
- 5) Reconstruction of Indian Armed forces.
- 6) Understand the Armed forces activity in the peace & war time.
- 7) Also understand Logistic services and role in peace time & war time.

### **SYBA-G2 01- India's Internal Security- SYBA (Defence & Strategic Studies)**

- CO1. The students understood the meaning and concept of national security.
- CO2. Students were aware of various security challenges to India's national security.
- CO3. Students understood the various internal security challenges like regionalism, Communalism, Social problems, etc in India.
- CO4. Students were aware of major challenges like Terrorism, Naxalism, Insurgency to the security of India.

### **TYBA-S3 Paper Title-Contemporary Study Of War & Peace**

- 1) After world war-II changes of military power.
- 2) During the cold war understand conflict between two super powers.
- 3) Balance of power concept utilized of under south & North block
- 4) Understand about the détente & deterrence concept.
- 5) Ways of techniques of maintaining balance of power.
- 6) Understand about the collective security.
- 7) During the cold war period India's role for Non-alignment.
- 8) Developed the concept of Disarmament & Arms control.
- 9) Understand the science, technology National Power.
10. World developed the Trends of Peace Research.





### **G3 01- Global Security- TYBA (Defence& Strategic Studies)**

1. Students understood the meaning and concept of Globalization and Global security.
2. Students were aware of meaning, concept, causes and effects of new world order after cold war.
3. Students were aware about the aims, objectives, functioning and relevance of various regional organisations in world.
4. Students understood the problems due to WMD, NMD and proliferation of small arms to International peace and security.
5. Students were aware about various global issues like environmental security, organized crime, technology and security, global crisis, human health.
6. Understand about meaning & concept of Global Security.
7. Impact of Globalisation in Indias Security.
8. Understand & analsis of new world order after cold war.
9. Able to comparative study of ASEAN,SAARC,OPEC,EU.
10. What is world peace & Security Problem





|| Vidya Vinyen Shobhate ||

*Pankaj Shaikshanik & Samajik Sanstha Sanchalit*

## **Pankaj Kala Mahavidyalaya, Chopda**

**Department of Defence and Strategic Studies**

### **Course Outcome**

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6. Understand about meaning & concept of Global Security.
7. Impact of Globalisation in Indias Security.
8. Understand & analsis of new world order after cold war.
9. Able to comparative study of ASEAN,SAARC,OPEC,EU.
10. What is world peace & Security Problem





(Programme Specific Outcomes)

- Students were aware of various security challenges to India's national security.
- Students understood the war planning, military strength, weapons, effects and military lessons of various wars fought on the Indian Territory.
- Students were aware of major challenges like Terrorism, Naxalism, Insurgency to the security of India.
- Students understood the problems due to WMD, NMD and proliferation of small arms to International peace and security.
- Students were aware about various global issues like environmental security, organized crime, technology and security, global crisis, human health.





## Department of Defence and Strategic Studies

### Course Outcome

#### FYBA

##### Def-101. Indian Art of War- FYBA (Defence & Strategic Studies)

CO1. Students understood the concept of war.

CO 2. Students understood the meaning and types of strategies.

CO3. Students were aware about the ancient and modern war history

CO4. Students understood the war planning, military strength, weapons, effects and military lessons of various wars fought on the Indian Territory.

#### Paper Title-Road Safety

1. The Students will immediately connect to the understanding of the course content because they have introduced with the content at primary level up to their XII th class.
2. The Strengthening will help in surrendering the psychological barriers on the part of the students.
3. This newly emerged confidence will also nature their ability of suing Defence & Strategic Studies.
4. To make social awareness in youth.
5. To guide for road safety.
6. To realize for the loss of road accident.
7. To make responsible citizen.
8. This paper attempt to familiarize the students with road safety in India is very critical problems.





## **SYBA**

### **SYBA-S2 Paper Title-Defence Mechanism & Organisation of India**

- 1) Understand about the military organization & principal of organization.
- 2) Understand the Higher Defence organization of India.
- 3) Join the defence & paramilitary forces & join defence service.
- 4) Also understand Intelligence of India & Intelligence organization.
- 5) Reconstruction of Indian Armed forces.
- 6) Understand the Armed forces activity in the peace & war time.
- 7) Also understand Logistic services and role in peace time & war time.

### **SYBA-G2 01- India's Internal Security- SYBA (Defence & Strategic Studies)**

- CO1. The students understood the meaning and concept of national security.
- CO2. Students were aware of various security challenges to India's national security.
- CO3. Students understood the various internal security challenges like regionalism, Communalism, Social problems, etc in India.
- CO4. Students were aware of major challenges like Terrorism, Naxalism, Insurgency to the security of India.

### **TYBA-S3 Paper Title-Contemporary Study Of War & Peace**

- 1) After world war-II changes of military power.
- 2) During the cold war understand conflict between two super powers.
- 3) Balance of power concept utilized of under south & North block
- 4) Understand about the détente & deterrence concept.
- 5) Ways of techniques of maintaining balance of power.





- 6) Understand about the collective security.
- 7) During the cold war period India's role for Non-alignment.
- 8) Developed the concept of Disarmament & Arms control.
- 9) Understand the science, technology National Power.
10. World developed the Trends of Peace Research.

### **G3 01- Global Security- TYBA (Defence & Strategic Studies)**

1. Students understood the meaning and concept of Globalization and Global security.
2. Students were aware of meaning, concept, causes and effects of new world order after cold war.
3. Students were aware about the aims, objectives, functioning and relevance of various regional organisations in world.
4. Students understood the problems due to WMD, NMD and proliferation of small arms to International peace and security.
5. Students were aware about various global issues like environmental security, organized crime, technology and security, global crisis, human health.
6. Understand about meaning & concept of Global Security.
7. Impact of Globalisation in Indias Security.
8. Understand & analsis of new world order after cold war.
9. Able to comparative study of ASEAN, SAARC, OPEC, EU.
10. What is world peace & Security Problem





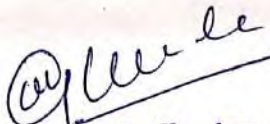
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### **Programme Specific Outcomes for B.A.**

After Completion of B.A. (Geography) Students are able to Students understand the land forms and processes. Students comprehend the structure, composition of different spheres of the earth and it's Atmosphere.

Comprehend importance of oceans, rivers and water and find ways of their conservation. Students cope with the function and types of Biogeography.

Understand the Science of Remote Sensing, Apply GIS & GPS Software.

  
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**Department of Geography**

**COURSE OUTCOMES OF B.A.**

**F.Y.B.A. Sem I -**

**Physical Geography I (Lithosphere)**

- Understand the effect of rotation of revolution the earth.
- Know the internal Structure of the earth.
- Know the importance of longitudes & latitudes International Date line & Standard time.
- Understand interior structure of the earth
- Understand theory regarding of origin of continents and oceanas
- Study the formation of rocks

**F.Y.B.A. Sem II**

**Physical Geography II (Atmosphere)–**

- Understand the importance of Atmosphere.
- Understand the composition of Atmosphere.
- Know measurement of Atmospheric pressure and formation of Pressure Belts.
- Understand the types of winds.





## F.Y.B.A. Sem II -

### Environmental Studies –

- Describing human – environment and nature-society interaction as well as global, human and environment issues.
- Identifying and explaining the planets human and physical characteristics and processes from global to local scales.
- Evaluating the impacts of human activities and natural environments.
- Applying knowledge of global issues to local circumstances to evaluate the local effects of the issues.
- Showing an awareness and responsibility for the environment.





## **S.Y.B.A. Sem III–**

### **General Cartography (G2)**

- To enable the students to use scale map projection and Cartography techniques.
- To give basic information about various tools and techniques Use in making map.
- To acquaint the students with basic of scale, map projection And cartography techniques.
- To know how to draw the maps on various scale.

### **Geography of Tourism – (S1)**

- To develop and communicate basic Conceptual frame work of Geo Tourism.
- To realize its potentials and against achieved in the Indian context.
- To understand the various Geo Tourism.
- To know the role and responsibilities. Economic growth of Tourism industry in India.
- To evaluate the role of various organization of Tourism.
- To know the importance of the sustainable Tourism.
- To develop socio cultural aspects for the Tourism geography.



## **Practical Geography (Scale and Map Projection) – (S2)**

- To know how to draw the maps on various scale.
- To acquaint the students with basic of scale, map projection and cartography techniques.
- To understand the concept of scale at the initial stage.
- To enable the students to use scale map projection and cartography techniques.
- To give basic information about various tools and techniques Use in making map.





## S.Y.B.A. Sem IV -

### **Human Geography (G2)**

- Understand relationship of man and Environment.
- Studies of race of mankind.
- Understand the modes of life of aximo, pigmi, gond, bhill and naga
- Importance of right to information acts.

### **Geography of India (S1) –**

- To make the students able to understand geographical personality of India.
- To study minerals and power resources in the specific regions of Indian.
- To study the nature of industries and their development in India.
- To aware the students about agricultural and demographic problems and make them able to find remedial measures of those problems.

### **Practical Geography – Surveying (S2)**

- To know the scale and distance of surveying.
- To acquire knowledge of survey language and sense of technique of surveying.
- To acquaint the students with basic knowledge and technique of ground survey.
- To acquire the knowledge of survey instrument.
- To know how to draw layout by surveying of region.



## T.Y.B.A. Sem V–

### **Population Geography**

- Understanding the history of Population.
- Understanding the types of Data.
- Study of distribution and density of Population.
- Get knowledge of population theories.
- Understanding the overpopulation region, under population region and optimum population region in the India.

### **Environmental Geography (S3)**

- To create the environmental awareness amongst the student.
- To acquaint students with fundamental concepts of Environment.
- To aware about the importance of biodiversity and threats to it.
- To study the emerging Environmental Issues.
- Understand Environment problems there cause, Effect and Remedies.
- Get knowledge and about Environment hazards and management.
- Understand the various Environment protection acts.

## T.Y.B.A. Sem VI–

### **Political Geography**

- Understand the history of political Geography.
- Get knowledge of Geopolitics theories.
- Get knowledge about evaluation of states and Nations
- Investigate problems and disputes in India





## **Remote Sensing and Geographical Information System (S3)**

- The objective of this course to understanding of principles of remote sensing techniques.
- Understand the processing and enhancement of satellite images.
- Know Arial Photography and Satellite Imageries.
- Acquire knowledge about Indian Remote Sensing.
- Investigate components and function of GIS.
- Introduce GPS and its functions.
- Make and use GIS and GPS Software.

## **Practical Geography - Weather Maps, Weather Instruments and Elements of Map Reading**

- Introduce the student of toposheet, weather map.
- Understand the mechanism function of topographical maps.
- Understand interpretation if weather images.

## **Practical Geography – Geo Statistical Methods.**

- To learn concepts and tools for working with data.
- To impart the ability to perform data management and analysis.
- To acquire skill of statistical reasoning and inferential methods.
- To learn the ability to describe interpret and exploratory analysis of data by graphical and other means.
- Get knowledge about Geo statistical methods.

  
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# **Pankaj Kala Mahavidyalaya, Chopda Dist.-Jalgaon**

## **DEPARTMENT OF HISTORY**

**Mr. Dilip Bhimrao Girhe**  
**M.A.,M.Phil.,SET**

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### **Subject Specific Outcome**

- Understand the basic themes, concepts, chronology and the Scope of Indian History.
- Understand the history of the countries other than India with comparative approach.
- Think and argue historically and critically in writing and discussion.
- Prepare for various types of Competitive Examinations
- Critically recognize the Social, Political, Economic and Cultural aspects of History.
- To study further in the applied field of history as archaeology.

  
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## HIS- 101 – G1-(DSC-A-I) History of India 1857-1950

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### • Course Outcome:

1. Understand modern Indian history
2. Identify the importance and the legacy of Freedom Movement.
3. Distinguish the detail account of British raj as well as its overall impacts on the Indian society.
4. Evaluate the renaissance and social reform movement in India.
5. Understand some of the early resistance to British rule.
6. Identify the social institutions of late nineteenth century.
7. Understand various phases of the national movement.
8. Comprehend the socio-religious scenario and the social reformation.
9. Understand the difference between moderates, extremists and revolutionaries.
10. Understand early political awakening in Indian freedom struggle.
11. Grasp the details of freedom movement under the Mahatma Gandhi's leadership.
12. Understand the evolutionary processes of constitutional developments.

  
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# History of Indian Freedom Movement (AD.1857 – AD.1950)

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## Course Outcome:

1. Evaluate Consolidation of English Power in India.
2. Understand early political awakening in Indian freedom struggle.
3. Analyse Social Religious Consciousness in India.
4. Identify the social institutions of late nineteenth century.
5. To Introduce Various Perspective of the Indian Freedom Movement.
6. Understand the difference between moderates, extremists and revolutionaries.
7. To Develop the Spirit of Nationalism among Student.
8. Grasp the details of freedom movement under the Mahatma Gandhi's leadership.
9. To Bring an awareness among the student as Responsible Citizens
10. Understand the evolutionary processes of constitutional developments.

  
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## HIS - 231-G-2 (DSC) History Of Marathas (1605-1750)

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### Course Outcome:

1. Understand the inspiration behind the establishment of swarajya.
2. Explain the reasons behind Chatrapati Shivaji's early conflicts with the regional lords and the outsiders.
3. Know about the administrative need and the importance of grand coronation of Chatrapati Shivaji
4. Assess the Chhatrapati Shivaji's invasion on Karnataka.
5. Understand the formation of welfare state during the Maratha rule
6. Understand the industrial and agricultural aspects of Chhatrapati Shivaji's regime
7. Understand the administrative aspect of the Swarajya.
8. Understand the conflict for throne after the death of Chhatrapati Shivaji
9. Understand the importance of the Maratha history in 18th century.
10. Assess the circumstances under which rise of the Peshwas took place.
11. Understand the political scenario of the Maratha power in the early 18th century
12. Understand the policies adopted by early Peshwas.
13. Explain the circumstances of the Maratha power after the battle of Panipat.
14. Know the reasons of political disintegration of the Marathas.
15. Understand the nature of Aglo-Maratha relations.
16. Understand the central and provincial administration of Marathas under the Peshwas.

  
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## SEC –His-234 –Research Methodology in History

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### Course Outcome:

1. Write articles on historical topics ,
2. Writing History and Techniques of historical writing
3. To Developed their ability to assess critically historical analysis and argument, past and present
4. Identify Collection of Data
5. Promote the education of the public in archaeology
6. Advance and assist archaeological research

  
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## HIS 351 -G3- History of Modern World (1789-1945)

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### Course Outcome:

1. Describe rise of Modern world
2. Learn about the causes and aftermaths of the French revolution.
3. Understand the factors responsible for the end of monarchy in France.
4. Understand the rise of Nepolean and how Meternic dominated the European politics.
5. Describe how feudalism came to end In Europe.
6. Describe the historical process which leads to rise of nationalism in Europe.
7. Understand how industrial revolution encouraged to colonial expansion.
8. Understand the importance of world peace right after the world war Ist.
9. Evaluate the Russian revolution and the first experiment of the communist government.
10. Understand the fascism and the rise of dictatorship in Europe.
11. Explain the aftermaths of the World War II on the world politics.
12. Understand how Russia and America emerged as superpowers on the verge of cold war.

  
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DSC 1 E HIS 351  
History of Modern Europe (AD 1781 - AD 1913)

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**Course Outcome:**

1. Understand the concept and meaning of the 'History of Modern Europe'.
2. Explain important information of the 'History of modern Europe'.
3. Explain important information of the French Revolution
4. To introduce various perspectives of the History of modern Europe.
5. Cover an Important topic of the 'History of Modern Europe' 1781 to 1945.
6. To inculcate Liberty, Equality and fraternity among the students.
7. To introduce various perspectives of the Italy & Germany
8. Explain important information of the World war I & II

  
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## SEC 3 HIS 354 - Travel and Tourism in India

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### Course Outcome:

1. Understand the concept and types of Tourism.
2. Acquire adequate knowledge about various aspects in Tourism planning.
3. Explain important information of some Historical tourist places.
4. Develop career in Tourism industry.

## SEC 4 HIS 364 - An Introduction to Museums in India

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### Course Outcome:

1. Grasp the concept of Museum.
2. Acquire adequate knowledge about Historical Importance of Museums as Sources of History.
3. Understand Management of Museums.
4. Acquire important information of some Famous Museums in India.
5. Develop career in Tourism industry.

  
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## GE 1 A HIS 355 -Making of Contemporary India - 1

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### Course Objective

This course presents some important vignettes of a complex, highly diverse India that is also witnessing unprecedented changes since its formal independence in 1947 from Great Britain. The course revolves around social dimensions of change, political democracy, economic transition from the state to the market, gender relations, India's economic globalization and changing world view. However, it would be helpful if students are aware of the socio-political dynamics at play in contemporary India and keep themselves abreast with current affairs and debates in the country to fully appreciate the various dimensions and contours of the subject matter in the course.

### Course Outcome:

1. Define and understand the challenges rooted in agriculture sector and how it is dealt by the government of India.
2. Understand the theory and practice of Social Justice in Independent India.
3. Identify the basic principles and values propagated by Non-alignment Movement.
4. Explore and resolve the major challenges that emerged in the Post-Independent scenario.
5. Describe the achievements of India in the fields of education, Science and Technology in the historical context.
6. Evaluate the rise of the new Indian economy on the eve of globalization.
7. Critically examine the rising struggles of various people in Modern India.

  
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# Pankaj Kala Mahavidyalaya, Chopda Dist-Jalgaon

## DEPARTMENT OF HINDI

(A.Y. 2017-2022)

Under Graduate (UG)

After successful completion of three year degree program in (B.A. HINDI) a student should be able to;

Sr. No.	Programme Outcomes (POs)	Programme Specific Outcomes (PSOs)
1	छात्रों में मानवीय मूल्यों के प्रति आस्था निर्माण करना।	छात्रों को रोजगार उपलब्ध कराना तथा हिंदी साहित्य के प्रति रुचि बढ़ाना।
2	छात्रों में विभिन्न कहानियों के माध्यम से छात्रों की भाषिक क्षमता को विकसित करना तथा सामाजिक संवेदना को जागृत करना।	छात्रों को हिंदी में कार्य करने की विचार क्षमता, कल्पनाशीलता विकसित कराना।
3	छात्रों को रचनात्मक लेखन के सैध्दांतिकी से अवगत कराना।	हिंदी साहित्य की विविध विधाओं से छात्रों को अवगत कराना।
4	कथेत्तरगद्य विधा की कालजयी रचनाओं से छात्रों को परिचित कराना।	छात्रों को मानक हिंदी भाषा से परिचित कराना।
5	हिंदी भाषा के भाषिक स्वरूप से छात्रों को परिचित कराना।	छात्रों को प्रतियोगिता परीक्षा के लिए तैयार कराना।
6	मीडिया लेखन कौशल से छात्रों को अवगत कराना।	
7	हिंदी गीत-नवगीतों के माध्यम से लेखन की सर्जन प्रक्रिया को दर्शाना।	
8	एकांकीओं के माध्यम से रंगमंचीय प्रभाव को विशद कराना।	
9	अनुवाद विज्ञान की प्रविधि से छात्रों को अवगत कराना।	
10	छात्रों को संपादकीय कला से अवगत कराना।	
11	यात्रा साहित्य विधा के सैध्दांतिक विवेचन से छात्रों को अवगत कराना।	
12	छात्रों को हिंदी भाषा की व्याकरणिक संरचना से अवगत कराना।	
13	छात्रों को हिंदी सिनेमा के इतिहास से अवगत कराना।	
14	भारतीय संत काव्य की विशेषताओं तथा उपलब्धियों का परिचय देना।	
15	हिंदी भाषा के मानक रूप से परिचय कराना।	
16	लोकगीत, लोककथा, लोकनाट्य और लोकोत्सव आदि से संबंधित प्रतिनिधि साहित्य रचना का अध्ययन और विश्लेषण करना।	





**Course Outcomes**  
**Semester-I ( F.Y.B.A. HINDI )**

After completion of these courses students should be able to;

Course	Outcomes
F.Y.B.A. DSC HIN A-1 :हिंदी कहानी	<ol style="list-style-type: none"> <li>1) छात्रों को हिंदी कहानी विधा से परिचित करना।</li> <li>2) छात्रों में मानवीय मूल्यों के प्रति आस्था निर्माण करना।</li> <li>3) विभिन्न कहानियों के माध्यम से छात्रों की भाषिक क्षमता को विकसित करना।</li> <li>4) छात्रों में विभिन्न कहानियों के माध्यम से सामाजिक संवेदना को जागृत करना।</li> </ol>

**Semester-II ( F.Y.B.A. HINDI )**

After completion of these courses students should be able to;

Course	Outcomes
DSC HIN A-1 :हिंदी कविता	<ol style="list-style-type: none"> <li>1) छात्रों को हिंदी कविता विधा से परिचित करना।</li> <li>2) छात्रों में मानवीय मूल्यों के प्रति आस्था निर्माण करना।</li> <li>3) विभिन्न कविताओं के माध्यम से छात्रों की भाषिक क्षमता को विकसित करना।</li> <li>4) छात्रों में विभिन्न कविताओं के माध्यम से सामाजिक, राष्ट्रीय संवेदना को जागृत करना।</li> </ol>

**Semester-III ( S.Y.B.A. HINDI )**

After completion of these courses students should be able to;

Course	Outcomes
MIL-I Hindi –लेखन कौशल : मीडिया एवं साहित्य	<ol style="list-style-type: none"> <li>1) छात्रों को रचनात्मक लेखन के सैध्दांतिकी से अवगत कराना।</li> <li>2) अभिव्यक्ति के विविध क्षेत्रों से छात्रों का परिचय करवाना।</li> <li>3) रचनात्मक लेखन के विविध रूपों से छात्रों को परिचित कराना।</li> <li>4) हिंदी लघुकथाओं के माध्यम से रचनात्मक लेखन की सर्जन प्रक्रिया को दर्शाना।</li> <li>5) हिंदी लघुकथाओं के माध्यम से मानवीय मूल्यों का संवर्धन एवं संरक्षण करना।</li> </ol>
DSC-1 (C) A HINDI :कथेत्तर गद्य विधाएँ	<ol style="list-style-type: none"> <li>1) कथेत्तर गद्य विधा का विकासात्मक परिचय कराना।</li> <li>2) कथेत्तरगद्य विधा की कालजयी रचनाओं से छात्रों को परिचित कराना।</li> <li>3) कथेत्तर गद्य विधा की रचनाओं के माध्यम से छात्रों में मूल्य संवर्धन कराना।</li> <li>4) कथेत्तर गद्य विधा की रचनाओं के माध्यम से छात्रों में सामाजिक संवेदनशीलता को बढ़ावा देना।</li> </ol>
SEC-1 HINDI :भाषिक संप्रेषण	<ol style="list-style-type: none"> <li>1) हिंदी भाषा के भाषिक स्वरूप से छात्रों को परिचित कराना।</li> <li>2) भाषिक संप्रेषण की सैध्दांतिकी से छात्रों को परिचित कराना।</li> <li>3) संप्रेषण के प्रमुख प्रकारों से छात्रों में छात्रों को परिचित कराना।</li> <li>4) मौखिक संप्रेषण के विविध रूपों से छात्रों को अवगत कराना।</li> <li>5) लिखित संप्रेषण के विविध रूपों से छात्रों को अवगत कराना।</li> </ol>





**Semester-IV ( S.Y.B.A. HINDI )**

After completion of these courses students should be able to;	
Course	Outcomes
MIL- II HINDI :लेखन कौशल : मीडिया एवं साहित्य (गीत-नवगीत)	1) मीडिया लेखन कौशल से छात्रों को अवगत कराना। 2) मीडिया लेखन कौशल के विविध प्रकारों से छात्रों को अवगत कराना। 3) साहित्य लेखन कौशल से छात्रों को परिचित कराना। 4) हिंदी गीत-नवगीतों के माध्यम से छात्रों में संवेदनशीलता विकसित कराना। 5) हिंदी गीत-नवगीतों से छात्रों को परिचित कराना। 6) हिंदी गीत-नवगीतों के माध्यम से लेखन की सर्जन प्रक्रिया को दर्शाना।
DSC-I (D) A- HINDI :श्रेष्ठ हिंदी एकांकी	1) एकांकी विधा का विकासात्मक परिचय कराना। 2) प्रमुख एकांकीकारों का सामान्य परिचय कराना। 3) एकांकीओं के माध्यम से रंगमंचीय प्रभाव को विशद कराना।
SEC-II HINDI :अनुवाद विज्ञान	1) अनुवाद विज्ञान की प्रविधि से छात्रों को अवगत कराना। 2) अनुवाद विज्ञान की सैध्दांतिक विवेचना करना। 3) सहित्यिक अनुवाद, मशीनी अनुवाद से छात्रों को अवगत कराना।

**Semester-V ( T.Y.B.A. HINDI )**

After completion of these courses students should be able to;	
Course	Outcomes
MIL III - HINDI :संपादन लेखन और साहित्य (मुद्रित माध्यम)	1) छात्रों को संपादकीय कला से अवगत कराना। 2) संपादक की योग्यता, दायित्व, और महत्व से परिचित कराना। 3) संपादकीय लेखन के तत्त्व और प्रविधि को दर्शाना। 4) विभिन्न समाचार पत्र और पत्रिकाओं के उल्लेखनीय संपादकीय से परिचित करवाना।
DSC - E (A) HINDI :विशेष विधा : यात्रा साहित्य	1) यात्रा साहित्य विधा के सैध्दांतिक विवेचन से छात्रों को अवगत कराना। 2) यात्रा साहित्य विधा के विकासात्मक परिचय से छात्रों को परिचित कराना। 3) यात्रा साहित्य विधा के प्रमुख साहित्यकार तथा उनके यात्रा वर्णन का ज्ञान छात्रों को प्रदान करना। 4) 'मेरी जपान यात्रा' इस साहित्य कृति के माध्यम से छात्रों में यात्रा साहित्य लेखन की कला से परिचित कराना।
SEC III - HINDI :हिंदी व्याकरण और अभिव्यक्ति कौशल	1) छात्रों को हिंदी भाषा की व्याकरणिक संरचना से अवगत कराना। 2) छात्रों को हिंदी शब्द संसाधन से परिचित कराना। 3) छात्रों को संक्षेपण करने की प्रक्रिया से अवगत कराना। 4) छात्रों को पल्लवन करने की प्रक्रिया से अवगत कराना। 5) वक्तृत्व, वाद-विवाद कला-कौशल की जानकारी से छात्रों को परिचित कराना।
GE- I (A) HINDI :हिंदी की राष्ट्रीय काव्यधारा	1) हिंदी की राष्ट्रीय काव्यधारा से छात्रों को अवगत कराना। 2) हिंदी की राष्ट्रीय काव्यधारा का विकासात्मक परिचय प्रस्तुत करना। 3) हिंदी की राष्ट्रीय काव्यधारा के प्रमुख कवियों का सामान्य देना। 4) भारतीय स्वतंत्रता आंदोलन में हिंदी की राष्ट्रीय काव्यधारा के योगदान को उजागर करना। 5) पाठ्यक्रम में समावेशित कविताओं के आधार पर छात्रों में राष्ट्र के प्रति अस्मिता, स्वाभिमान तथा गौरव का भाव जागृत करना।





**Semester-VI ( T.Y.B.A. HINDI )**

After completion of these courses students should be able to;

Course	Outcomes
MIL IV - HINDI : हिंदी सिनेमा और साहित्य (ईलेक्ट्रॉनिक माध्यम)	<ol style="list-style-type: none"><li>1) छात्रों को हिंदी सिनेमा के इतिहास से अवगत कराना।</li><li>2) सिनेमा और भारतीय समाज के संबंध का परिचय देना।</li><li>3) हिंदी सिनेमा के तकनीकी पक्ष से परिचित कराना।</li><li>4) साहित्य कृति पर आधारित सिनेमा से परिचित करवाना।</li><li>5) 'मोहनदास'की कहानी के माध्यम से सामाजिक यथार्थ को दर्शाना।</li></ol>
DSC - F HINDI (A) : विशेष विधा : भारतीय संत काव्य	<ol style="list-style-type: none"><li>1) भारतीय संत काव्य का परिचय कराना।</li><li>2) भारतीय संत काव्य परंपरा का विकासात्मक परिचय करवाना।</li><li>3) भारतीय संतों के काव्य का अध्ययन कराना।</li><li>4) भारतीय संत काव्य की विशेषताओं तथा उपलब्धियों का परिचय देना।</li></ol>
SEC IV - HINDI : हिंदी भाषा का मानकीकरण और अशुद्धि-शोधन	<ol style="list-style-type: none"><li>1) हिंदी भाषा के मानक रूप से परिचय कराना।</li><li>2) देवनागरी लिपि तथा हिंदी वर्तनी संबंधी नियमावली की जानकारी देना।</li><li>3) शासकीय पत्र प्रारूप-लेखन की क्षमता विकसित करना।</li><li>4) साक्षात्कार प्रणाली की क्षमता को विकसित करना।</li><li>5) शुद्ध-लेखन की क्षमता को विकसित करना।</li></ol>
GE-I (B) HINDI : खानदेश का लोक साहित्य	<ol style="list-style-type: none"><li>1) लोक साहित्य सैद्धांतिकी से छात्रों को परिचित कराना।</li><li>2) खानदेश के लोक साहित्य और लोक संस्कृति से छात्रों को अवगत कराना।</li><li>3) छात्रों को खानदेश की प्रमुख बोलियाँ : अहिराणी, लेवा और आदिवासी के साहित्य से अवगत कराना।</li><li>4) लोकगीत, लोककथा, लोकनाट्य और लोकोत्सव आदि के माध्यम से खानदेश की लोक संस्कृति का साक्षात्कार कराना।</li><li>5) लोकगीत, लोककथा, लोकनाट्य और लोकोत्सव आदि से संबंधित प्रतिनिधि साहित्य रचना का अध्ययन और विश्लेषण करना।</li></ol>





**Pankaj Shaikshanik and Samajik Sanstha Sanchalit,  
PANKAJ KALA MAHAVIDYALAYACHOPDADIST JALGAON**

**\* Department of Political Science \***

**Programme Specific Outcomes**

Subject : Political Science

Outcomes : (Students will be able to)

- 1) Understand the basic information of Indian constitution.
- 2) Knows the Indian Democratic Process and its pillars.
- 3) Introduces various social movements in Maharashtra.
- 4) Understand the Rural and Urban Local Administration.
- 5) To know the Policy formation in India.
- 6) Analyses the new Trends in Management.

**COURSE OUTCOMES**

**DEPARTMENT OF POLITICAL SCIENCE**

**Class :- F.Y.B.A.**

**Course :- SEM IPOL-G-1-Introduction to Indian Constitution.  
SEM II POL-G-2 Indian Polity**

Outcomes:- (Students will be able to )

- 1) To know Indian Political Process In India.
- 2) To know the citizens Rights and Duties.
- 3) Understand basic structure of Indian Constitution
- 4) Understand the Centre-State relation.
- 5) Knows the Indian Democracy and its Pillars

  
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**Class :- S.Y.B.A.**

**Course :- POL-231(A-G-2) Socio Political Movements in Maharashtra.**

**Outcomes:- (Students will be able to )**

- 1) An Introduction to Maharashtra.
- 2) To know the District Administration
- 3) Understand the Rural Local Administration
- 4) Understand the Urban Local Administration
- 5) Introduces different social Movements in Maharashtra.

**Syllabus for S.Y.B.A. (CBCS Pattern) Political Science, Semester III**

**Paper Code : DSC – 1C Introduction to Administration of Maharashtra (With Effect from June 2019)**

**Outcomes:- (Students will be able to )**

1. To admire the history and administration of our region.
2. To learn about how our administration is going on ,what is the role of administrator of all internal section,
3. To learn features of Govt.,internal branches of administration,structure of govt etc.
4. To create further administrator.

**Paper Code : DSC – 1D Introduction to Local and District Administration of Maharashtra  
(With Effect from June 2019)**

**Outcomes:- (Students will be able to )**

1. To learn about local and district administration of Maharashtra.
2. To learn as useful part for Competitive exams such as MPSC/UPSC/Other.
3. To understand the core of administration and enhance ability to get proper knowledge of rural – urban administration.

**S.Y.B.A. (CBCS Pattern) Political Science, Semester III**

**Paper Code : SEC 1 Introduction of Research Methodology in Political Science**

**Outcomes:- (Students will be able to )**

1. To discuss the main concepts and methodology of research.
2. Under graduate students should learn suitable research topic for further research work
3. To develop ability to write a research proposal/report.
4. To admire and proper understanding methodology and hard work for quality.



**Paper Code : SEC – 2 Election Management**

Outcomes:- (Students will be able to )

1. To discuss about principles,structure,debate and practices of election mangement.
2. Understanding the process of election and magement.
3. To admire the concepts and thoughts of election administration.
4. Each and every one has envole in election process so we should get more information through this paper.

  
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**Class :- T.Y.B.A.**

**Course :- POL-351 (A-G-3) Personnel Administration and Management (W.e.f. 2015)**

**Outcomes:- (Students will be able to )**

1. Understand the qualities, functions and styles of Leadership.
2. To know the Policy formation in India.
3. Analyses the new Trends in Management
4. TO understand the Meaning, importance and objectives of Training.
5. To understand the Employer- Employee relation.

**Political Science, Semester V Paper Code : DSC-1 E Indian Political Thinker Part - I [w.e.f. June 2020]**

**Outcomes:- (Students will be able to )**

1. To understand the concept ideas and theories developed in India.
2. It deals with the main sources of the political traditions in modern India and focusses the development of social Institution and as various patterns of politics that emerged in modern India.
3. To understand and decipher the diverse and often contesting ways in which the ideas of nationalism, democracy and social transformation were discussed in Pre- and Post Independence India.
4. To understand key thinker's seminal contribution to the evolution of political theorizing in India.

**Political Science, Semester V Paper Code :SEC- 3 Journalism and Mass Communication**

**Outcomes:- (Students will be able to )**

1. To highlights various aspects of press, media and its type and methods.
2. to understand dynamics within Journalism, Political journalism and communication means and ends and his process in society and nation.
3. To introduce to the students of journalism aims to provide voters with the information to formulate their own opinion and participate in community, Local to global matter
4. To study about different mediums in print, broadcast, online reporting, instant coverage of campaign politics, event news, government status, elections updates etc.

**Political Science, Semester VI Paper Code : SEC- 4 Political Journalism (w.e.f. June 2020)**

**Outcomes:- (Students will be able to )**

1. To understand dynamics within Journalism, Political journalism and communication means and ends and his process in society and nation.



2. To introduce the students of journalism aims to provide voters with the information to formulate their own opinion and participate in community, Local to global
3. To study about different mediums in print, broadcast, online reporting, instant coverage of campaign politics, event news, government status, elections updates etc.

**Political Science, Semester V Paper Code : GE 1A: Indian Civil Services [w.e.f. June 2020]**

Outcomes:- (Students will be able to )

1. To understand the conceptual framework of the civil services and good governance.
2. To encourage students to acknowledge civil services and good governance process in India.
3. To understand origin, development, and challenges before good governance in India.
4. This paper deals with concepts and dimensions in journalism, mass communication and political journalism.

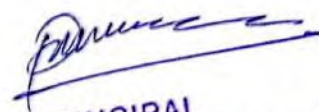
**Political Science, Semester VI Paper Code : GE 1B: Management and Good Governance  
[w.e.f. June 2020]**

Outcomes:- (Students will be able to )

1. To understand the conceptual framework of the civil services and good governance.
2. To encourage students to acknowledge civil services and good governance process in India.
3. To understand origin, development, and challenges before good governance in India.
4. This paper deals with concepts and dimensions in journalism, mass communication and political journalism.

  
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PANKAJ KALA MAHAVIDYALAYACHOPDADIST JALGAON**

**\* Department of Sociology \***

**Programme Specific Outcomes**

**Subject :- Sociology**

**Outcomes :- (Students will be able to)**

- 1) Understand the basic information of Indian Society.
- 2) Knows the Indian Society Process its Indian Issues and Problems
- 3) Introduces various social movements in Maharashtra.
- 4) Understand the Tribal, Rural and Urban Society
- 5) The Basic Knowledge of Sociological Concept
- 6) Social Research Analyses the new Trends in Management.





**COURSE OUTCOMES**  
**DEPARTMENT OF SOCIOLOGY**

**Class :- F.Y.B.A.**

**Course :- FOUNDATIONS OF SOCIOLOGY**

**SOC-G:101 SEMESTER – I**

**SOC-G:201 SEMESTER – II**

**Outcomes:- (Students will be able to )**

- 1) To introduce the students to the discipline of sociology.
- 2) To familiarize students with the basic concepts in sociology.
- 3) To provide basic understanding of the social structure of society

**June 2018—2019**

**I- Introduction to Sociology**

**IIInd- Soc-201 Sociology of India**

**Outcomes:- (Students will be able to )**

- 1) To introduce the students to the Discipline of Sociology.
- 2) To Familiarize students with the basic concepts of Sociology.
- 3) To provide basic understanding of the Social Structure of Society.



**Class :- S.Y.B.A.**

**june-2019 -20**

**DSC-SOC 1 C (231) - Indian Society : Issues and Problems Sem. -III Part – I**

**Outcomes:- (Students will be able to )**

- 1) To Sensitive the student to the Emerging social issues in India.
- 2) To Enable them to acquire sociological understanding of these issues and problems over and above their commonsense understanding.
- 3) To empower them to deal with these issues and problems.

**June-2019-20**

**SEC-SOC - 2 (244) - "Research Methodology in Sociology"**

**Outcomes:- (Students will be able to )**

- 1) To sensitize the students the emerging social issues, problems and change in Institutions in India.
- 2) To develop research skills & knowledge





**Class:-T.Y.B.A.**

**2020 -21**

**DSC-SOC 1 E (351) - Indian Society: Structure and Change**

**Outcomes:- (Students will be able to )**

1. To introduce students the socio-cultural background of the Indian society.
2. To familiarize students with the institutional changes in the Indian society since the ancient period.
3. To get the basic understanding of the various social processes in the Indian Society.

**SEC-SOC 3 (354) - Women in India**

**Outcomes:- (Students will be able to )**

1. To introduce students the basic concepts of the women studies.
2. To understand overall situation of women under the system of patriarchy in India.
3. To sensitize the student to the emerging women social issues in India.

**2020 -21**

**GE-SOC 1 A (355) – Sociology for Competitive Examinations**

**Outcomes:- (Students will be able to )**

1. To impart knowledge on basic sociological concepts and various sociological Perspectives.
2. Students will demonstrate familiarity with the Sociological Imagination
3. To practice the students for competitive Examinations of state and Central



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**Department of Psychology**

**Programme Outcomes**

- Use scientific reasoning to interpret psychological phenomena
- Demonstrate psychology information literacy
- Engage in innovative and integrative thinking and problem solving
- Interpret, design, and conduct basic psychological research
- Apply ethical standards to evaluate psychological science and practice
- Adopt values that build community
- Apply psychological content and skills to career goals
- Demonstrate effective teamwork skills
- Develop meaningful professional direction for life after graduation





## Course Outcomes

### **FYBA SEM I PSY-101-Foundation of Psychology**

- To impart knowledge of the basic concepts and modern trends in Psychology.
- To relate the fundamental principles of Psychology in everyday life
- To make the students aware of the applications of Psychological concepts in various fields.

### **SEM II PSY-201-Introduction to Social Psychology**

- To understand the basics of social psychology and to understand the individual in the social world
- To make the students aware of the applications of the various concepts in Social Psychology in the Indian context.

### **SYBA SEM III PSY-231-C-Human Developmental Psychology- Early Life**

- To equip the learner with an understanding of the concept and process of human development across the life span.
- To impart an understanding of the various domains of human development.

### **SEM IV PSY-241-D-Human Developmental Psychology- Later Life**

- Introduce students to the concepts, theories, and research which define this discipline of psychology.
- Develop the students' capability for connecting discipline content to personal values and behaviour.
- Provide an understanding of the explain issues underlying lifespan development.

### **TYBA SEM V PSY-351-(G-3) Modern Applied Psychology**

- Facilitate the learning of traditional emerging fields of psychology.
- Understand the relationship between theoretical and practical psychological principals.
- Impart knowledge of the Applied Psychology.
- Understand the Clinical Applications.

### **SEM VI PSY-361A - (G-3) Applied Psychology and Human Life**

- Prepare the students to function effectively and confidently in wide range of society.
- Understand the application in controlling criminal behavior-Social awareness and Social Responsibility.
- Application in professional life- sales and negotiations and responding through proper gesture and knowledge.





## DEPARTMENT OF CHEMISTRY

### PROGRAMME-BACHELOR OF SCIENCE (B.Sc.) Program Outcomes

❖ Students taking admission to this program of B.Sc. are expected to with following outcomes:

- Explaining the basic scientific principles and methods
- Inculcating scientific thinking and awareness among the student
- Ability to communicate with others in regional language and in English.
- Ability to handle the unexpected situation by critically analyzing the problem.
- Imbibe human values, inclusiveness attitude and socio-cultural sensitivity
- Understanding the issues related to nature and environmental contexts and sustainable
- development Build up self-esteem and competence to face challenges Attain life-readiness through problem-solving skills and competencies.
- appropriate methods of research, investigation, and design, to solve
- problems in science and technology.
- Work effectively in groups to meet a shared goal with people whose disciplinary and cultural backgrounds differ from their own.





**DEPARTMENT OF CHEMISTRY**

**Course Outcomes – B.Sc. Chemistry CH-101**

**Students will develop knowledge about:**

- i) Various theories and principles applied to reveal atomic structure.
- ii) Nature of matter and experiments which confirmed it.
- iii) Significance of quantum numbers.

**Students will be able to:**

- i) Apply the rules of logarithm for solving numericals in chemistry
- ii) Draw, calculate the slope of various graphs for chemistry experiments
- iii) Calculate derivative and integration of some simple functions especially related to chemical problems

Students will develop knowledge about,

- i) The basics of kinetics theory and concepts therein.
- ii) Factors causing the deviations from ideal behaviour of gases
- iii) Compressibility, liquification and related critical constants of a system

**Students will be able:**

- i) To know about the structure of atom.
- ii) To acquire the knowledge about the arrangement of elements in a periodic table
- iii) To familiar with the classification of elements in periodic table.
- iv) To know about the principle involved in arrangements of electrons in atoms.
- v) To understand the shapes of different types of orbitals present in atoms.

Students will be able: i) To understand the periodic law and systematic study of elements. ii) To find the factors affecting periodic properties. iii) To understand periodic properties and their general trends in groups and periods. (Atomic size, Ionization energy, Electron affinity, Electro negativity, Metallic properties). iv) To correlate these periodic properties with the chemical behavior of elements. v) To understand the different methods used to determine electronegativity





**DEPARTMENT OF CHEMISTRY**

**Outcomes Programme Specific**

**PSO-1: Core competency:** The chemistry graduates are expected to gain knowledge of the fundamental concepts of chemistry and applied chemistry through theory and practical. These fundamental concepts would be reflected in the latest understanding of the field to keep continues its progression.

**PSO-2: Communication skills:** Chemistry graduates are expected to possess minimum standards of communication skills to read and understand documents so that they can solve their problems very methodically, independently and with logical argument. Graduates are expected to build good communication skill so that they can easily share their idea/finding/concepts to others.

**PSO-3: Critical thinking:** Chemistry graduates are expected to achieve critical thinking ability to design, carry out, record and analyze the results of chemical reactions. They can have that much potential and confidence that they can overcome many difficulties with the help of their sharp scientific knowledge and logical approaches.

**PSO-4: Psychological skills:** Chemistry graduates are expected to possess basic psychological skills so that they can deal with individuals and students of various socio-cultural, economic and educational levels. Psychological skills are very important for proper mind setting during performing, observing and giving conclusion of a particular reaction. It is also important for selfcompassion, self-reflection, interpersonal relationships, and emotional management.

**PSO-5: Problem-solving:** Graduates are expected to be well trained with problem-solving philosophical approaches that are pertinent across the disciplines.

**PSO-6: Analytical skill development and job opportunity:** Chemistry graduates are expected to possess sufficient knowledge how to synthesize a chemical compound and perform necessary characterization





and analysis in support of the formation of the product by using modern analytical tools and advanced technologies. Because of this course curriculum chemistry graduates have lot of opportunity to get job not only in academic and administrative field but also in industry.

**PSO-7: Research motivation:** Chemistry graduates are expected to be technically well trained with modern devices and Chemistry based software and has powerful knowledge in different disciplines of Chemistry so they can easily involve themselves in theory and laboratory-based research activities.

**PSO-8: Teamwork:** Graduates are expected to be team players, with productive co-operations involving members from diverse socio-cultural backgrounds.

**PSO-9: Digital Literacy:** Graduates are expected to be digitally literate for them to enroll and increase their core competency via e-learning resources such as MOOC and other digital tools for lifelong learning.

**PSO-10: Social Awareness:** As an inhabitant of this green world it is our duty to make our planet clean and suitable for living to all. In this context Chemistry graduates are expected to be more aware about finding green chemical reaction routes for sustainable development. They are expected to maintain good laboratory practices and safety.





Pankaj Shaikshanik and Samajik Sanstha Sanchalit  
**PANKAJ KALA MAHAVIDYALAYA, CHOPDA**  
 Department Of Chemistry



## Course objectives and Outcomes

F.Y.B.Sc.

Paper	Outcome
<b>CH-101: Physical and Inorganic Chemistry</b>	After completion of these courses students should be able to; <ol style="list-style-type: none"> <li>1) To expose &amp; develop interest in the field of chemistry.</li> <li>2) To develop ability &amp; to acquire the knowledge of terms, facts concept processes techniques &amp; principles of subject.</li> <li>3) To understand the fundamental principle and chemical analysis</li> </ol>
<b>CH-102: Organic and Inorganic Chemistry</b>	<ol style="list-style-type: none"> <li>1) To develop skills required in chemistry such as the proper handling of apparatus &amp; chemical analysis</li> <li>2) To develop ability to apply the knowledge of contents of principles of chemistry</li> </ol>
<b>SEM-II</b>	
<b>CH-201: Physical and Inorganic Chemistry</b>	After completion of these courses students should be able to; <ol style="list-style-type: none"> <li>1) To develop problem solving skills in students.</li> <li>2) To develop proper aptitude towards the subject.</li> <li>3) To develop ability to apply the knowledge of contents of principles of chemistry.</li> </ol>
<b>CH-202: Organic and Inorganic Chemistry</b>	<ol style="list-style-type: none"> <li>1) Determine analyses and evaluate the interpretation ships involve in chemistry.</li> <li>2) Develop thirst of chemical knowledge, become flexible and persistence learners and appreciate the need for lifelong learning.</li> </ol>





Paper-	Outcome
CH-301: Physical and Inorganic Chemistry	<p>After completion of these courses students should be able to;</p> <ol style="list-style-type: none"> <li>1) Know the qualitative properties of solution, the depression in freezing point, elevation in boiling point and osmotic pressure. Calculate molar and normal solution of various concentrations.</li> <li>2) Explains the application of colligative properties in determining molecular mass.</li> <li>3) Know the qualitative properties of solution, the depression in freezing point, elevation in boiling point and osmotic pressure.</li> <li>4) Compares the general characteristics electronic configuration of lanthanides and actinides, uses of lanthanides and actinides.</li> </ol>
CH-302: Organic and Inorganic Chemistry	<ol style="list-style-type: none"> <li>1) This course gives the quantitative ideas about the synthesis, properties and uses of such heterocyclic compounds like pyrole, pyridine, quinoline, thiophene, furan etc.. Different methods for the preparation of important Hetero cycles and their important reactions. Aromaticity, Huckel's rule and its applications</li> <li>2) Explains the different types of structural and stereo isomers. CO<sub>2</sub> Represent organic molecules by Fischer, Flying wedge, Sawhorse and Newman projection formulas, Conformational isomerism of ethane, n-butane, cyclohexane, Conformational analysis of 1,4 cis and trans disubstituted cyclohexane.</li> <li>3) Explains the theories of acids and bases. Different solvents and solubility. Hard and soft acids and bases: definitions, Pearson HSAB concept, theories of Hardness and softness, application and limitation of HSAB concepts</li> </ol>



**CH-304 Basic Analytical Chemistry**

- 1) Develops accuracy and precision in doing experiments, understands the different errors and methods for minimizing errors. Explanation of MSDS. Explain significant figures, absolute error, relative error, mean, median, Give the theory behind the qualitative and quantitative analysis conducted in the laboratory. Study the importance of safety and security, responsibility types of hazards and risk in chemical laboratory. Understand the use of personal protective and other safety equipments, handling of chemical in laboratory.
- 2) Understand the route of exposure for toxic chemicals. Learn good laboratory practices and its applications.

**CH-303 Chemistry Practical**

- 1) Determine the miscibility temperature of phenol-water system
- 2) Experimental demonstration of Conductometric and Potentiometric titrations of strong acid against strong base, weak acid against strong base.
- 3) Simple Organic and Inorganic derivatives preparations





**CH-401: Physical and Inorganic Chemistry**

After completion of these courses students should be able to;

1) Free energy and equilibrium, Gibbs and Helmholtz energies, spontaneous and non-spontaneous reactions, changes in enthalpy, Entropy and free energy of reactions, Derivations of Clausius and Celsius chaperon equations.

2) Electrochemistry discussed electrical properties of ionic solutions. Different types of cells and their formulations, applications. Solve the cell reactions and calculate cell EMF.

3) Double salts and coordination compounds, coordination complexes and complex ions, coordination number, Unidentate, bidentate and polydentate ligands, chelating ligand and chelates, physical methods used in study of complex, Nomenclature of coordination compounds.

4) Therotical knowledge about matals, non metals and semiconductors. Understand the p-type semiconductor and n-type semiconductor. Their preparations and uses.

**CH-402: Organic and Inorganic Chemistry**

1) Synthesis of organic reaction is itself involves a large part of organic chemistry. This is called synthetic organic chemistry. This chapter involves different synthetic reagents for synthesis of malonic ester and Acetoacetic ester.

2) Organometallic compounds are very important in biological bodies like haemoglobin,

3) chlorophylls, Vitamin B12 and also they can be used as chemical reagent. This course discussed about the synthesis and properties of these organometallics of Zinc, Magnesium, Lithium and Copper.

4) to understand deferent theories like MOT, VBT, CFT, LCAO, Compare MO and VB theory, Know the meaning of various terms involved in co-ordination Chemistry, To understand Werner's formulation of complexes and identify the types of valences, Know the limitations of VBT, Know the shapes of d-orbitals and degeneracy of d-orbitals, Explain MO Theory and draw the MO diagrams for H<sub>2</sub>, He<sub>2</sub>, B<sub>2</sub>, N<sub>2</sub>, O<sub>2</sub>, CO and NO





SEM-V	Outcomes
<b>CH-501: Principles of Physical Chemistry-I</b>	<p>After completion of these courses students should be able to;</p> <ol style="list-style-type: none"> <li>1) To orient and acquaint the students towards the basic concepts of Quantum Chemistry</li> <li>2) To acquire knowledge about rates of chemical reactions and distinguishing the reaction of different order and their characteristics.</li> <li>3) To understand the basic principles of phase rules and phase diagrams.</li> <li>4) To learn the underlying principles of electrode reactions, electrochemical cells and applications of EMF.</li> </ol>
<b>CH-502: Inorganic Chemistry</b>	<ol style="list-style-type: none"> <li>1) To describe the VSEPR theory to predict shape of molecules from electron pairs.</li> <li>2) To describe the bonding in simple compounds using VBT.</li> <li>3) To describe the principles of VBT to predict hybridization of orbitals.</li> <li>4) To understand how CFT explains electronic structure, colour and magnetic properties of coordination compounds.</li> <li>5) To introduce the basic principles of MOT and electronic geometry of molecules.</li> </ol>
<b>CH-503 - Organic Reaction Mechanism</b>	<ol style="list-style-type: none"> <li>1) To study different types of organic reactions. To understand the mechanisms of different types of reactions.</li> <li>2) To distinguish between types of substrates and types of reagents.</li> <li>3) To understand ways of attack of reagent, breaking and formation of bonds in different reaction mechanisms.</li> <li>4) To study kinetics, evidences and factors affecting different types of reactions.</li> <li>5) <b>To study stereochemistry of different reactions.</b></li> <li>6) To understand role of different reagents in different reactions</li> </ol>





<b>CH-504 Industrial Chemistry</b>	<p>a. Student will understand .....</p> <p>2) basic requirements of Chemical Industry, different terms, operations and processes involved in chemical Industry.</p> <p>3) Describe Copy Right Act, Patent Act and Trade Marks, Bureau of Indian Standards (BIS) and International Organization for Standardization (ISO).</p> <p>4) Basic requirements, raw materials, different processes and operations involved in Sugar Industry and also different grades of sugar and uses of by-products of sugar industry.</p> <p>5) Importance of fermented products, basic requirements, theory and process of alcohol making, fractional distillation and various terms involved in Fermentation Industry.</p> <p>6) Understand Occurrence of Petroleum, theories of formation of Petroleum and different terms Viz. Knocking, Anti-Knock Compounds, Octane number, Cetane number, Gasohol and Power alcohol etc.</p> <p>7) Manufacturing processes involved in Industrial Organic Synthesis such as Methanol, Isopropanol, Glycerol, Acetylene and Aromatic hydrocarboni.e. Toluene from petroleum with their uses</p>
<b>CH-505 - Analytical Instrumentation</b>	<p>1) To develop an understanding of the range and uses of analytical methods in chemistry.</p> <p>2) To understand and establish the role of chemistry in quantitative analysis.</p> <p>3) <b>To enhance the Analytical instrumental skill of the students.</b></p>
<b>CH-506(A):Bio-Chemistry</b>	<p>1) Students will study biomolecule like carbohydrates, amino acids, proteins, enzymes, lipids and nucleic acids.</p> <p>2) Students will understand definitions, classifications and examples of these biomolecule.</p> <p>3) Students will learn the detailed structure of these biomolecule along with types of bonds or linkages present in their molecules.</p> <p>4) Students will learn the chemical properties of these biomolecule and the action of some reagents on them in the form of reactions or graphical presentation.</p> <p>5) Students will understand biochemical energetic of common energy rich compounds along with hydrolytic reactions.</p>





	<p>6) Students will learn metabolisms like Glycolysis, TCA cycle,</p> <p>7) Transamination, deamination and <math>\beta</math>- oxidation through reactions, enzymes involved, outlines and energetic.</p>
<b>SEM-VI</b>	<b>Outcomes</b>
<b>CH-601: Principles of Physical Chemistry-II</b>	<p>After completion of these courses students should be able to;</p> <ol style="list-style-type: none"> <li>1) To learn the basics of molecular spectroscopy and rotational spectra.</li> <li>2) To understand the basic principles and applications of nuclear chemistry.</li> <li>3) To learn the consequences of light absorption by atoms and molecules and photochemical reactions.</li> <li>4) To learn the laws of crystallography and basics of crystal structure</li> </ol>
<b>CH-602: Inorganic Chemistry</b>	<ol style="list-style-type: none"> <li>1) Learn about basic principles and synthesis of nanomaterials.</li> <li>2) Learn about classification, composition and processing of cement.</li> <li>3) Learn about classification and composition of alloys.</li> <li>4) Learn about types manufacture and applications of fertilizers</li> </ol>
<b>CH-603 Spectroscopic Methods of Structure Determination</b>	<ol style="list-style-type: none"> <li>1) To study principle of spectroscopy and to understand wave parameters and terms involved in spectroscopy.</li> <li>2) To study different types of spectroscopy.</li> <li>3) To understand principle, concept and the terms used in each type of spectroscopy.</li> <li>4) Interpretation of UV, IR, NMR spectra.</li> <li>5) Use of spectral data for determination of structure of unknown organic compounds.</li> <li>6) To study different applications of each type of spectroscopy</li> </ol>





**CH-604 Chemistry of  
Industrial Important  
Product**

The student will be able to understand....

1) Describe the industrial production of a number of important organic and inorganic compounds / chemicals and products of end use.

2) Gain comprehensive knowledge of cutting-edge developments in a field of different chemical industries.

3) Importance of Cosmetics Industry and a general study including preparation and uses of the Hair dye, hair spray, shampoo, suntan lotions, lipsticks, talcum powder, nail enamel, creams (cold, and shaving creams).

4) Perfumes and identify the distinguishing features of its components and also an essential oils and their importance in cosmetic industries with reference to Eugenol, Geraniol, sandalwood oil, eucalyptus, rose oil, 2- phenyl ethyl alcohol, Jasmone, Civetone, Muscone etc.

5) Know about pesticides both natural and synthetic, benefits and adverse effects of it, also synthesis, manufacture and uses of pesticides viz.

Organochlorines (DDT, Gammexene,);  
Organophosphates (Malathion, Parathion); Anilides (Alachlor and Butachlor).

6) Definition, classification, raw material used in soaps and detergents, reaction involved in it, Manufacture of Soaps and cleansing action of soaps and detergents.

7) Definition, properties of good dyes, relation between colour and constitution, classification of dyes according to their mode of application and chemical constitution.

8) Importance's, definition and meaning of the different terms involved in and Pharmaceuticals Industry and also synthesis, uses, properties and industrial manufacture of Paracetamol, Aspirin,.

**CH-605 Analytical  
Techniques**

1) To provide knowledge of instruments which are used in Chemical, Pharma, Petroleum, and insecticide and pesticide industry

2) To increase student technical skill as per industry need.

3) To develop an understanding of the range and uses of analytical methods in chemistry.



**CH-606(A): Polymer  
Chemistry**

- 1) Define terms like monomer, polymer, polymerization, polydispersity index, etc., classify polymers based on their origin, native backbone chain, and thermal response.
- 2) Know glass transition temperature and its determination, various ways to express molecular weights of polymers and polydispersity index.
- 3) Identify different mechanisms of polymerizations viz. Free radical, ionic, and condensation polymerizations.
- 4) Distinguish techniques of polymerization based on physical conditions required for the preparation of polymers in laboratory or industry.
- 5) Familiar with preparation, properties, and applications of industrially important selected polymers





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Pankaj KalaMahavidyalaya, Chopda Dist- Jalgaon**

**Department of Computer Science**

**Program Outcomes: B.Sc. Computer Science**

<b>Department of Computer Science</b>	<b>After successful completion of three-year degree program in Computer student should be able to;</b>
<b>Programme Outcomes</b>	Able to identify, analyze and formulate solutions for problems using computer applications.
<b>Program specific outcome</b>	1) Develop a competitive edge in basic technical skills of computer applications like Programming Languages, Algorithms and Data Structures, Databases and Software Engineering. 2) Able to identify, analyze and formulate solutions for problems using computer applications. 3) Attempt to work professionally with a positive attitude as an individual or in multidisciplinary teams

**Course outcomes: Sem-I F.Y.B.Sc.**

<b>Course</b>	<b>Outcomes</b>
CS-101 Essential of Computer Science	1) Understand All hardware and Software. 2) Understand the design structure of computer 3) learn how create the mail and share the mails to multiple person
CS-102 Programming in C-I	1) familiar with c lang programming Learn the c- language and it's syntax. 2) learn the importance of c-language
CS-103 Lab-I	1)Students are able to handle their e-mails. 2)handle the multiple web browsers and their use. 3) learn how create the mail and share the mails to multiple person.



### Course outcomes: Sem-II F.Y.B.Sc.

Course	Outcomes
CS- 201 Internet Computing	1)Students are familiar with all web browser's. 2) learn the web process models. 3) Understand Basic Tags of HTML.
CS- 202 Programming in C-II	1) learn the functional Concept. 2) Practiced the c-lang graphics program. 3) learn about file handling.
CS- 203 Lab-II	1) Design Web Page to create image gallery using image and link tags.. 2)Learn the c- language.

### Course outcomes: Sem-III S.Y.B.Sc.

Course	Outcomes
CS-301Data Structure-I	1) understand the Data structures (Tree, Queue, stack, doubly linked list etc. 2) learn the Applications of Data structure.
CS-302 Programming in C++ - I	1) Students learn new programming language. 2) learn the concept of Classes and objects
CS-303 Lab-III CS SEC-I (Skill Enhancement Course-I)	1) Students knows the importance of network security. 2) Installed Application Software : Photoshop 7.0 , Tally 3) Installed Ms-Office 2010





### Course outcomes: Sem-IV S.Y.B.Sc.

Course	Outcomes
CS-401 Data Structure-II	<ol style="list-style-type: none"> <li>1) student learn the tree and graph data structure .</li> <li>2) understand the different sorting concept.</li> <li>3) learn searching techniques.</li> </ol>
CS-402 Programming in C++-II	<ol style="list-style-type: none"> <li>1) Get familiar with standard template library .</li> <li>2) Able to Handle the exception in files.</li> <li>3) worked with files : Opening and Closing Files ,File modes ,File Input/output with fstream class.</li> </ol>
CS-403 Lab-III CS SEC-II ( Skill Enhancement	<ol style="list-style-type: none"> <li>1) To learn Network security importance .</li> <li>2) Understand Types of attack on syber software, Firewalls, Malicious software</li> </ol>

### Course outcomes: Sem-V T.Y.B.Sc.

Course	Outcomes
(UG-CS-501) System Programming	<ol style="list-style-type: none"> <li>1) Understand details about system software</li> <li>2) To do basic system program like development of editors lexical analyser's etc</li> <li>3) Students are familiar with language processing activities- functions of translators, loader and Linkers</li> </ol>
(UG-CS-502): Database Management System	<ol style="list-style-type: none"> <li>1) On completion of the course, student will be able to- Solve real world problems using appropriate set, function, and relational models.</li> <li>2) Design E-R Model for given requirements and convert the sae into database tables.</li> <li>3) Use SQL.</li> </ol>



(UG-CS-503) Software Engineering	<ol style="list-style-type: none"> <li>1) Students are able to perform the E-R Diagram, DFD, Data dictionary, Decision tree about software.</li> <li>2) They can also design the software in learned language using the course content.</li> <li>3) Get the knowledge of types of testing &amp; how testing is performed in industry.</li> </ol>
(UG-CS-504): Computer Aided Graphics	<ol style="list-style-type: none"> <li>1) Differentiate between interactive and non-interactive graphics.</li> <li>2) Study line Drawing and Circle Drawing techniques and algorithms.</li> <li>3) Perform 2D and 3D transformation on different images.</li> <li>4) Know about detail working of 2D and 3D clipping and windowing.</li> <li>5) Understand raster graphics and hidden surface elimination</li> </ol>
(UG-CS-505) Python Programming – I	<ol style="list-style-type: none"> <li>1) Explain basic principles of Python programming language</li> <li>2) Construct and apply various filters for a specific task.</li> <li>3) Apply the best features of mathematics, engineering and natural sciences to program real life problems.</li> </ol>
(UG-CS-506B): JAVA Programming I	<ol style="list-style-type: none"> <li>1) Get knowledge of JDK environment</li> <li>2) Explore polymorphism using method overloading and method overriding</li> <li>3) Understand the different aspects of hierarchy of classes and their extensibility</li> <li>4) Understands the concept of streams and files</li> <li>5) Write programs for handling run time errors using exceptions.</li> </ol>





## Course outcomes: Sem-VI T.Y.B.Sc.

Course	Outcomes
(UG-CS-601) Operating System	<ol style="list-style-type: none"><li>1) Students should familiar with Operating System Services.</li><li>2) Understand CPU scheduling algorithms, memory Management Techniques, Disk Drum , Scheduling algorithms, Deadlock preventions and avoidance.</li><li>3) Introduction to android operating systems – its architecture, applications and uses</li></ol>
(UG-CS-602): Relational Database Management Systems	<ol style="list-style-type: none"><li>1) Design E-R Model for given requirements and convert the same into database tables.</li><li>2) Use database techniques such as SQL &amp; PL/SQL.</li><li>3) Explain transaction Management in relational database System.</li><li>4) Use advanced database Programming concepts.</li></ol>
(UG-CS-603): Computer Network	<ol style="list-style-type: none"><li>1) Students understand the information exchange done across the network with the help of OSI &amp; TCP/IP models.</li><li>2) Student understands how errors are captured &amp; handled in network.</li><li>3) Student understands various attack &amp; its prevention techniques..</li></ol>
(UG-CS-604) Theoretical Computer Science	<ol style="list-style-type: none"><li>1) Understanding the use of Sets, Relations and Graphs.</li><li>2) Understand Languages in TCS.</li><li>3) Introduction of Regular Languages and Expressions.</li><li>4) Understanding Pumping Lemma and its applications.</li><li>5) Explore the knowledge of Pushdown Automata.</li><li>6) Understanding Normal Forms with Examples.</li><li>7) Understanding Turing Machin.</li></ol>



<p><b>(UG-CS-605) Python Programming – II</b></p>	<ol style="list-style-type: none"> <li>1) Explain basic principles of Python programming language</li> <li>2) Implement object oriented concepts, database applications.</li> <li>3) Construct regular expressions for pattern matching and apply them to various filters for a specific task.</li> <li>4) Design and implement Database Application and Content providers.</li> <li>5) Apply the best features of mathematics, engineering and natural sciences to program real life problems.</li> </ol>
<p><b>(UG-CS-606B): JAVA Programming II</b></p>	<ol style="list-style-type: none"> <li>1) Program using graphical user interface with Swing classes</li> <li>2) Handle different kinds of events generated while handling GUI components</li> <li>3) Create programs using menus and dialog boxes</li> <li>4) Program to create applets</li> <li>5) Understand advanced java concepts like JDBC, Java Beans.</li> </ol>







P.S.& S. SANSTHA'S  
PANKAJ KALA MAHAVIDYALAYA, CHOPDA  
(Arts & Science)  
Department Of Zoology



### Program outcome (PO)

- To possess a good command of fundamentals in Zoology and its relationship to other disciplines.
- To know the theories and scientific facts in the sections of Zoology and interrelations among organisms and their biosphere.
- To memorize the concepts of laboratory management, organization and evaluation.
- To recognize the management and concepts of bio-systems, organization and evaluation.
- To outline the policy and legislation of animal Science and ethics.
- To design and conduct experiments in Zoology
- To communicate effectively through writing reports, giving presentations, and participating in discussions.
- To demonstrate skill in the usage of computers, networks, and software packages relevant to Zoology.
- To learn the principles of research methodology.

### Program specific objectives (PSO)

- To achieve excellence in academic and scientific research in the field of Zoology.
- To develop and implement ways and means to ensure quality performance and outputs of Zoology program.
- To use modern technology in education and scientific research in Zoology.
- To implement advanced training to improve the skills of graduates in Zoology and related fields.
- To create academic and scientific environment to attract outstanding faculty, researchers and students.
- To improve the national and international partnerships with academic institutions and research centers.



## Course outcome (CO)

- Describe the diversity in form, structure and habits of invertebrates and vertebrates.
- Explain the reproductive patterns in animal world.
- Develop deeper understanding of life is and how it functions at cellular level as well as histological structure of tissues.
- Understand applications of animal biotechnology, bioinformatics and research methodology.
- Familiar with various stages involved in the developing embryo.
- Acquire skills in the microtechniques, apiculture, sericulture and other applied branches of Zoology.

## Learning Objectives:

- To provide thorough knowledge about animal classification and associated taxonomic groups various animal sciences from primitive to highly evolved animal groups.
- To develop an understanding of and ability to apply basic zoological principles.
- To provide quality education in different specializations in Zoology.
- To facilitate higher education and research in zoology.
- To make the students aware of applications of Zoology subject in various industries
- To equip the students with skills related to laboratory as well as field based studies.
- To make the students aware about conservation and sustainable use of biodiversity.
- To inculcate interest and foundation for further studies in Zoology.
- To address the socio-economical challenges related to animal sciences.
- To provide quality education offering skill based programs and motivate the students for self employment in applied branches of Zoology.





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**Pankaj Kala Mahavidyalaya, Chopda, Dist. Jalgaon**

## Course outcomes

Department of Mathematics  
**Semester I**

Course	Course Outcomes
<b>MTH 101: Matrix Algebra</b>	1) Understand concepts on matrix operations and rank of the matrix. 2) understand use of matrix for solving the system of linear equations. 3) Understand basic knowledge of the Eigen values and Eigen vectors. 4) Apply Cayley-Hamilton theorem to find the inverse of the matrix 5) Know the matrix transformation and its applications in rotation, reflection, translation
<b>MTH 102: Calculus</b>	Understand basic concepts on limits and continuity (2) Understand use of differentiations in various theorems. (3) Know the Mean value theorems and its applications. (4) Make the applications of Taylor's, Maclaurin's theorem. 5) Know the applications of calculus
<b>MTH 103: Graph Theory</b>	1) Make the applications Graph, Simple graph, Multigraph, Hand shaking lemma, Types of Graphs, Operations on graphs, Subgraphs, Isomorphism of graphs, Walk, path, cycles 2) Solving examples of Connected and disconnected Graphs, bridges, Cut vertices, edge connectivity and vertex connectivity, Eulerian graph, Hamiltonian Graph, Planer Graph, Euler's Formula for planer graphs, Kuratowski's two graph, Geometrical dual 3) Solve problems on Definition and some properties of trees, Distance and Centre in a tree, Definitions of Rooted and Binary trees, Spanning trees, Minimal Spanning trees, Directed graphs, some types of digraphs



## Semester II

After completion of these courses students should be able t

	Outcomes
<b>MTH 201: Ordinary Differential Equations</b>	1) Understand basic concepts in differential equations. 2) Understand method of solving differential equation 3) Understand use of differential equations in various fields
<b>MTH 202: Theory of Equations</b>	1) Students can find out roots of any equation of degree less than or equal to five. 2) Theory of equations is highly useful in various subjects like algebra, linear algebra, calculus, ordinary and partial differential equations etc.
<b>MTH 203(A): Laplace Transform</b>	1) Understand basic concepts on Laplace and Inverse Laplace transforms 2) Understand convolution theorem. 3) Understand use of Laplace transform in solving Differential Equations.





## Semester-III

After completion of these courses students should be able to

	Outcomes
<b>MTH 301: Calculus of Several Variables</b>	<ol style="list-style-type: none"><li>1. limit and continuity of functions of several variables</li><li>2. Fundamental concepts of multivariable Calculus.</li><li>3. Series expansion of functions. Extreme points of function and their maximum, minimum values at those points</li><li>4. Meaning of definite integral as limit as sums.</li><li>5. how to solve double and triple integration and use them to find area by double integration and volume by triple integration</li></ol>
<b>MTH -302(A): Group Theory</b>	<ol style="list-style-type: none"><li>1) Understand group and their types, which is one of the building blocks of pure and applied mathematics.</li><li>2) understand Lagrange, Euler and Fermat theorem</li><li>3) understand concept of automorphism of groups</li><li>4) understand concepts of homomorphism and isomorphism</li><li>5) Understand basic properties of rings and their types such as integral domain and field.</li></ol>
<b>MTH 304: Set Theory and logic</b>	<ol style="list-style-type: none"><li>1) Uses of the language of set theory, designing issues in different subjects of mathematics</li><li>2) understand the issues associated with different types of finite and infinite sets via countable uncountable sets</li><li>3) knowledge of the concepts and methods of mathematical logic, set theory, relation calculus, and concepts concerning functions which are included in the fundamentals of various disciplines of mathematics</li><li>4) understanding the role of propositional and predicate calculus</li><li>5) able to provide the logical mathematical reasoning, formulate theorems and definitions</li></ol>



## Semester-IV

After completion of these courses students should be able to;

	Outcomes
<b>MTH -401: Complex Variables</b>	<ol style="list-style-type: none"><li>1) The course is aimed to introduce the theory for functions of complex variables</li><li>2) Students will understand the concept of analytic function</li><li>3) Students will understand the Cauchy Riemann Equations</li><li>4) Students will understand harmonic functions</li><li>5) Students will understand complex integrations</li><li>6) Students will understand calculus of residues.</li><li>7) Students will acquire the skill of contour integrations.</li></ol>
<b>MTH-402(A): Differential Equations</b>	<ol style="list-style-type: none"><li>1) Students will aware of formation of differential equations and their solutions</li><li>2) Students will understand the concept of Lipschitz condition</li><li>3) Students will understand method of variation of parameters for second order L.D.E.</li><li>4) Students will understand simultaneous linear differential equations and method of their solutions</li><li>5) Students will understand Pfaffian differential equations and method of their solutions</li><li>6) Students will understand difference equations and their solutions</li></ol>
<b>MTH 404: Vector Calculus</b>	<ol style="list-style-type: none"><li>1) understand scalar and vector products</li><li>2) Understand vector valued functions and their limits and continuity and use them to estimate velocity and acceleration of partials.</li></ol>





## Semester-V

After completion of these courses students should be able to;

Course	Course Outcomes
<b>MTH - 501: Metric Spaces.</b>	<ol style="list-style-type: none"> <li>1) Deal with various examples of metric spaces;</li> <li>2) Have some familiarity with continuous maps;</li> <li>3) Work with compact sets in Euclidean space;</li> <li>4) Work with completeness;</li> <li>5) Apply the ideas of metric spaces to other areas of mathematics.</li> </ol>
<b>MTH - 502: Real Analysis –I</b>	<ol style="list-style-type: none"> <li>1) Explain the completeness of a system of real numbers: a least upper bound, a greatest lower bound.</li> <li>2) Elaborate on the topological concepts of the real numbers: open sets, closed sets, accumulation points, closure, open covers, compact sets.</li> <li>3) Define and utilize the following concepts: sequence, points subsequence, monotone sequence, Cauchy sequence.</li> <li>4) Prove that a given function is continuous or discontinuous and classify its of discontinuity.</li> <li>5) Justify the convergence/divergence of a given number series;</li> <li>6) Prove some of the classical theorems of real analysis.</li> </ol>
<b>MTH -507 (PRACTICAL COURSE BASED ON MTH-501 &amp; MTH-502</b>	<ol style="list-style-type: none"> <li>1) Solve problems related to topics in the syllabus of Metric Spaces and real analysis I.</li> <li>2) Determine metric, solve problems related to metric spaces, open spheres, open sets, closed set, limit point, bounded metric, equivalent metric, continuous functions, completeness, compactness, uniform continuity, finite intersection property</li> <li>3) Compute lub, glb of a set</li> <li>4) Find the limit of sequence, sum of series</li> <li>5) Determine the open sets, closed sets, accumulation points, points of dicontinuity</li> <li>6) Able to classify wheter a function is continuous, discontinuous</li> </ol>
<b>MTH - 503: Algebra</b>	<ol style="list-style-type: none"> <li>1) Solve problems related to all topics in the 1. Normal subgroups, Quotient groups, Isomorphism theorems for groups, Isomorphism theorems for groups and examples, Generator of a subgroup, Commutator subgroup, Automorphism and inner automorphism</li> <li>2) Demonstrate when a binary algebraic structure forms a Permutations Cycles of permutation, Disjoint permutations, Permutation groups.</li> <li>3) Determine Ring, integral domain, field, zero divisors, and basic properties, Characteristics of a ring, Subrings, ideals, left ideals, right ideals, principal ideals, primeideals, maximal ideals, Quotient rings, Field of quotients of an integral domain, Homomorphism of rings, Isomorphism theorems for rings.</li> <li>4) Definition of a polynomial ring, Properties of polynomial rings, Division Algorithm, Reducible and Irreducible polynomials, Eisenstein's Criterion.</li> </ol>





<p><b>MTH -504: Lattice Theory</b></p>	<p>1) Interpret Diagrammatical Representation of posets, Maximal and Minimal elements of subset of a poset, Zorn's Lemma.  2) Comparing Two definitions of lattice and equivalence of two definitions. Modular and Distributive inequalities in a lattice, Sublattice and Semilattice, Complete lattice.  3) Solving examples on Modular lattice, Distributive lattice, Sublattice of Modular lattice, Homomorphic image of Modular lattice, Complemented and Relatively complemented lattice</p>
<p><b>MTH -505: Integral Transform</b></p>	<p>1) Know the use of Fourier transform in Wave equation,  2) Solve Boundary Value Problems, also problem on Heat-flow in semi-infinite bar.  3) Use Fourier transform in communication theory and signal analysis, image processing and filters, data processing and analysis, solving partial differential equations for problems on gravity.  4) Students will be able to use Z-transform in the characterization of Linear Time-Invariant system ( LTI ), in development of scientific simulation algorithms</p>
<p><b>MTH-506(A) C-Programming</b></p>	<p>1) Uses Arithmetic expression and its evaluation precedence of arithmetic operators type, Conversion, operator precedence, mathematical functions, Reading and writing a character, Formatted input and output, Decision making, if, is-else, else-if, switch and go to statements.  2) Uses Sentinel loops. While loop, do-while loop and for statements, Jump in loops, continue, break and exit statements.  3) Uses one dimensional, twodimensional and multidimensional arrays. Declaration and initialization of arrays Need for user defined functions, multi-function program, Elements of function, definition of functions, return values and their types</p>

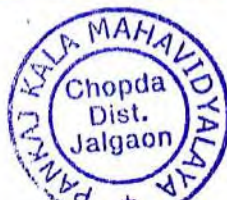




## Semester-VI

After completion of these courses students should be able to;

Course	Course Outcomes
MTH -601 : Measure and Integrations Theory	<ol style="list-style-type: none"> <li>1) To gain understanding of abstract measure theory ,definitions and properties of integrations</li> <li>2) 2. To construct lebesgue measure on real line and in n-dimensional Euclidean space.</li> <li>3) 3.Explain the concept of length, area, volume of subsets of n-dimensional spaces.</li> <li>4) 4. Understand how to integrate functions having uncountable discontinuity.</li> </ol>
MTH 602: Real Analysis II	<ol style="list-style-type: none"> <li>1) Define Riemann integrable and Riemann sums</li> <li>2) Prove a theorem about Riemann sums and Riemann integrals</li> <li>3) Knowledge of some simple techniques for testing the convergence of sequences and series of functions, and confidence in applying them</li> </ol>
MTH - 603: Linear Algebra	<ol style="list-style-type: none"> <li>1) Define and compute Eigen vectors and Eigen values.</li> <li>2) Define a vector space and state its properties.</li> <li>3) Compute the linear span of a set of vectors.</li> <li>4) Determine the linear independence or dependence of a set of vectors.</li> <li>5) Determine a basis of a vector space.</li> <li>6) Explain the ideas of linear independence, spanning set, basis, and dimension.</li> <li>7) Define and identify linear transformations.</li> </ol>
MTH 604: Ordinary and Partial Differential Equation	<ol style="list-style-type: none"> <li>1) Distinguish between linear, nonlinear, partial and ordinary differential equations.</li> <li>2) State the basic existence theorem for 1st order ODE's and use the theorem to determine a solution interval.</li> <li>3) Recognize and solve a variable separable differential equation. 4. Recognize and solve a homogeneous differential equation.</li> <li>4) Recognize and solve an exact differential equation.</li> <li>5) Recognize and solve a linear differential equation by use of an integrating factor 6) Make a change of variables to reduce a differential equation to a known form.</li> <li>7) Find particular solutions to initial value problems.</li> <li>8) Solve basic application problems described by first order differential equations</li> </ol>
MTH 606(B): Operations Research	<ol style="list-style-type: none"> <li>1) Formulate optimization problems;</li> <li>2) Understand and apply the concept of optimality criteria for various type of optimization problems;</li> <li>3) Solve various constrained and unconstrained problems in single variable as well as multivariable;</li> <li>4) Apply the methods of optimization in real life situation</li> </ol>
MTH 605: Graph Theory	<ol style="list-style-type: none"> <li>1) Understanding a functional hierarchical code organization.</li> <li>2) Ability to define and manage graphs, connected graphs.</li> <li>3) Understanding a concept of Cut set and cut vertices</li> </ol>





Pankaj Shaikshanik and Samajik Sanstha Sanchalit

## **Pankaj Kala Mahavidyalaya, Chopda**

### **Programme Outcome for B.Sc.**

After graduating from science faculty, a student should have:

- Acquired knowledge of various subjects in basic sciences such as Physics, Chemistry, Zoology, Botany, Computer Science, Electronics, Mathematics, etc
- Understood the basic concepts, fundamental principles, and scientific theories related to various scientific phenomena and their relevance in day-to-day life.
- Acquired skills in handling scientific instruments, planning and performing laboratory experiments. Analyzed the given scientific data critically and systematically and drawing objective conclusions
- Been able to think creatively to propose novel ideas in explaining facts and figures or providing new solution to the problems.
- Realized the recent developments in any one-science subject and help them in the development of other science subjects and vice-versa.





- Developed scientific outlook not only with respect to science subjects but also in all aspects related to life.
- Realized that knowledge of subjects in other faculties such as humanities, performing arts, social sciences etc can greatly and effectively influence & inspire in evolving new scientific theories and inventions.
- Imbided ethical, moral and social values in personal and social life leading to highly cultured and civilized personality.
- Developed various practical skills such as  
Realized that pursuit of knowledge is a lifelong activity and in combination with untiring efforts and positive attitude all necessary qualities for leading a successful life.



## ➤ Programme Outcomes: B.Sc Botany: -

After successful completion of three-year degree program in Botany a student should be able to

1. To study the Lower and higher cryptogamic plants.
2. To study the diversity and economical importance of Angiosperms and Gymnosperms plant groups
3. To study Plant Physiology, Metabolism, Anatomy, Embryology and Ecology.
4. To study techniques of Horticulture, Floriculture, Plant Breeding etc
5. Study of salient features of cryptogamic plants
6. To know the Role of Cytology and Phytochemistry in Taxonomy
7. To Study the Scope and Importance of Molecular Biology.





## About Department

### Mission -

To give a basic and applied knowledge of plant science and make the students aware with their protection and conservation.

### Objectives -

- \* To acquaint students with basics of botany.
- \* To ensure its applications for human welfare.
- \* To develop recent technologies like Tissue Culture and New Horticulture Techniques.
- \* To make the students aware of flora and environment.
- \* To develop practical skills.



## Department of Botany Program Specific Outcome

- ✓ To studying in depth about fungi algal. Bryophyta & pteridophyta.
- ✓ To give knowledge about plant disperses, p. growth, plant metabolism, and structure between different groups of plant.
- ✓ To describe Anatomical & Physiological characters related to study of plant.
- ✓ To give information about lower plants and their life cycle
- ✓ To enable the student about diversity of plants and biology of seed plants
- ✓ Economic botany give knowledge about economic importance and their utilization.
- ✓ Cell biology gives knowledge about cell organelles, importance their function.
- ✓ Plant classification gives information about plant to classify in different families
- ✓ To give knowledge about chemical properties and evolutionary relationship among taxonomic groups. Utilization of plants to enable the student about utility in life.
- ✓ Embryology give information to student about the development of embryo to mature seed and original plants. Plant description, describe the morphological and reproductive stretch of plant and also identify the different families
- ✓ To provide knowledge about environmental factors and natural resources and their importance in sustainable development.
- ✓ Cell biology and genetics, provide knowledge about tools & technique of recombinant DNA technology plant tissue culture and their importance and applied in different scientific practices.
- ✓ Herbarium techniques give knowledge to help the identification of plants.







॥ Vidya Vinyen Shobhate ॥  
*Pankaj Shaikshanik & Samajik Sanstha Sanchalit*  
**Pankaj Kala Mahavidyalaya, Chopda**  
'B' Grade  
NAAC Accredited  
Academic Year 2022-23



### PROGRAMME-BACHELOR OF SCIENCE (B.Sc.) Program Outcomes

- ❖ Students taking admission to this program of B.Sc. are expected to with following outcomes:
- Explaining the basic scientific principles and methods
  - Inculcating scientific thinking and awareness among the student
  - Ability to communicate with others in regional language and in English.
  - Ability to handle the unexpected situation by critically analyzing the problem.
  - Imbibe human values, inclusiveness attitude and socio-cultural sensitivity
  - Understanding the issues related to nature and environmental contexts and sustainable development
  - Build up self-esteem and competence to face challenges Attain life-readiness through problem-solving skills and competencies.
  - appropriate methods of research, investigation, and design, to solve problems in science and technology.
  - Work effectively in groups to meet a shared goal with people whose disciplinary and cultural backgrounds differ from their own.



## Course Outcomes – BS.c Physics

- Identifying and describing physical systems with their professional knowledge.
- Developing their scientific intuition, ability and techniques to tackle problems Either theoretical or experimental in nature.
- Knowledge of general physics like sound, wave, friction, forces and laws of Motion and use of mathematics.
- Information of electrical current, circuits, construction and their use.
- Learning about concepts of solar cell and solar energies and importance of their Use for mankind.
- Knowing about the light and its importance in life, its characteristics, properties and use in various instruments.





## Course specific Outcomes – F.Y BS.c Physics Semester I

### PHY 101: Basic Mechanics

#### Course objectives:

1. To impart knowledge of basic concepts in Basic Mechanics.
2. To provide the knowledge and methodology necessary for solving problems in Physics.
3. The course also involves the related experiments based on the theory.

#### Course outcome:

Learner will be able to ....

1. Apply the concept and knowledge of Basic Mechanics to understand and solve real life problems.
2. Understanding of the course will create scientific temperament.

### PHY 102: Dynamics and Properties of Matter

#### Course objectives:

1. To impart knowledge of basic concepts in Dynamics and Properties of Matter.
2. To provide the knowledge and methodology necessary for solving problems in Physics.
3. The course also involves the related experiments based on the theory.

#### Course outcome:

Learner will be able to ....

1. Apply the concept and knowledge of Dynamics and Properties of Matter to understand and solve real life problems.
2. Understanding of the course will create scientific temperament.



## Semester II

### PHY 201: Electricity and Electrostatics

#### Course objectives:

1. To impart knowledge of basic concepts in Electricity and Electrostatics.
2. To provide the knowledge and methodology necessary for solving problems in Physics.
3. The course also involves the related experiments based on the theory.

#### Course outcome:

Learner will be able to ....

1. Apply the concept and knowledge of Electricity and Electrostatics to understand and solve real life problems.
2. Understanding of the course will create scientific temperament.

### PHY 202: Dielectrics, Magnetism and Electromagnetism

#### Course objectives:

1. To impart knowledge of basic concepts in Dielectrics, Magnetism and Electromagnetism.
2. To provide the knowledge and methodology necessary for solving problems in Physics.
3. The course also involves the related experiments based on the theory.

#### Course outcome:

Learner will be able to ....

1. Apply the concept and knowledge of Dielectrics, Magnetism and Electromagnetism to understand and solve real life problems.
2. Understanding of the course will create scientific temperament.





## Course specific Outcomes – S.Y BS.c Physics Semester I

### Semester III:

#### PHY 301: Thermodynamics and Kinetic theory of gases

##### Course objectives:

1. To impart knowledge of basic concepts in Thermodynamics and kinetic theory of gases.
2. To provide the knowledge and methodology necessary for solving problems in Physics.
3. The course also involves the related experiments based on the theory.

##### Course outcome:

Learner will be able to ....

1. Apply the concept of use of knowledge of Thermodynamics and kinetic theory of gases to real life problems.
2. Understanding of the course will create scientific temperament.

#### PHY 302 (A): Electronics –I

##### Course objectives:

1. To impart knowledge of basic concepts in Electronics.
2. To provide the knowledge and methodology necessary for solving problems in Physics.
3. The course also involves the related experiments based on the theory.

##### Course outcome:

Learner will be able to ....

1. Apply the concept of use of knowledge of Electronics to real life problems.
2. Understanding of the course will create scientific temperament.



## **Semester IV:**

### **PHY 401: Waves, Oscillations and Acoustics**

#### **Course objectives:**

1. To impart knowledge of basic concepts in Waves and Sound.
2. To provide the knowledge and methodology necessary for solving problems in Physics.
3. The course also involves the related experiments based on the theory.

#### **Course outcome:**

Learner will be able to ....

1. Apply the concept of use of knowledge of Waves and Sound to real life problems.
2. Understanding of the course will create scientific temperament.

### **PHY 402: Optics and LASERS**

#### **Course objectives:**

1. To impart knowledge of basic concepts in Optics and LASERS.
2. To provide the knowledge and methodology necessary for solving problems in Physics.
3. The course also involves the related experiments based on the theory.

#### **Course outcome:**

Learner will be able to ....

1. Apply the concept of use of knowledge of Optics and LASERS to real life problems.
2. Understanding of the course will create scientific temperament.





**Pankaj Shaikshanik and Samajik Sanstha Sanchalit**  
**Pankaj Kala Mahavidyalaya, Chopda, Dist.- Jalgaon**

**Department of Electronics**

**Program Outcomes: B.Sc. Electronics**

<b>Department of Electronics</b>	<b>After successful completion of three-year degree program in electronics student should be able to;</b>
<b>Programme Outcomes</b>	Prepare students for prominent career in industry, banks, office and for further academic study.
<b>Program specific outcome</b>	Create, select and apply appropriate techniques, Resources and modern technology in basic sciences as well as electronic Sciences.

**Course outcomes: Sem-I F.Y.B.Sc.**

<b>Course</b>	<b>Outcomes</b>
ELE-101Circuit Components and Network Analysis ELE-102Basic of Digital Electronics	1) Apply knowledge to develop circuits using electronic devices. 2) Apply the concept and knowledge of electronic devices to real life problem. 3)Simulate complex circuits and understand the behaviour of the systems. 4)Understand and analyse, linear and digital electronic circuits.
ELE-103 Lab-I	1) Handle various electronics devices. 2) Build and test electronic circuits. 3) Handle various digital ICs and circuits.



### Course outcomes: Sem-IIF.Y.B.Sc.

Course	Outcomes
ELE- 201 Analog Electronics	1)Apply the concept and knowledge of digital integrated circuit chips to develop newssystem.
ELE- 202 Digital circuits	2)Apply practical knowledge to solve real life problems of the society. 3) Model complex circuits and simulate them. 4) Understand of the Corse and create scientific temperament and give exposure to the students for independent use of digital integrated circuit chips for innovative applications
ELE- 203 Lab-II	1)Handle various semiconductor devices. 2)Test basic electronic circuits. 3)Handle digital ICs and circuit.

### Course outcomes: Sem-IIIS.Y.B.Sc.

Course	Outcomes
ELE-301 Analog communication	1)Apply knowledge to develop circuits of analog modulation and demodulation.
ELE-302 Microprocessor and Application	2)Apply the concept and knowledge of microprocessor to real life problems. 3) Analyse modulation circuits and understand the behaviour of the system. 4) Understand and analyse 8085 microprocessor and its programming
ELE-303 Lab-III	1)Handle different modulation circuit. 2) Handle simulation software to analyse processor programming.





### Course outcomes: Sem-IVS.Y.B.Sc.

Course	Outcomes
ELE-401 Digital communication	1) Apply knowledge to develop circuits of Digital modulation and demodulation.
ELE-402 Microcontrollers and Application	2) Apply the concept and knowledge of microcontroller to real life problems. 3) Analyse modulation circuits and understand the behaviour of the system. 4) Understand and analyse 8051 microcontroller and its programming
ELE-403 Lab-III	1) Handle different modulation circuit. 2) Handle simulation software to analyse controller programming.



## Course outcomes: Sem-V T.Y.B.Sc.

Course	Outcomes
ELE-501 Semiconductor Electronics	<ol style="list-style-type: none"><li>1. Understanding of fundamental of semiconductor devices.</li><li>2. Awareness of IC fabrication techniques.</li></ol>
ELE-502 Advance digital system design using VHDL	<ol style="list-style-type: none"><li>1. Basic knowledge of hardware Description Languages (HDL).</li><li>2. Designing of combinational and sequential logic circuits using VHDL.</li></ol>
ELE-503 Advance Microprocessors	<ol style="list-style-type: none"><li>1. Learning architecture of 8086.</li><li>2. Assembly language programming of 16-bit microprocessor.</li></ol>
ELE-504 Electronic Instrumentation	<ol style="list-style-type: none"><li>1. Basic knowledge in electrical instruments and measurement techniques.</li><li>2. Learning basic laws governing the operation of the instruments, relevant circuit and their working.</li></ol>
ELE-505 Medical Electronics	<ol style="list-style-type: none"><li>1. Understanding the role of electronics in medical industry.</li><li>2. Learning the concepts of electrical signals that can be measured.</li></ol>
ELE-506 Basic of fibre optic communication	<ol style="list-style-type: none"><li>1. Learning the various optical source, material and fiber splicing.</li><li>2. Understanding the different types of fibres, losses, signal distortion.</li></ol>





## Course outcomes: Sem-VI T.Y.B.Sc.

Course	Outcomes
ELE-601 Power Electronic	<ol style="list-style-type: none"><li>1. Understanding the construction details, operation and characteristics of different semiconductor.</li><li>2. Learning different power conversion circuits.</li></ol>
ELE-602 Consumer Electronics	<ol style="list-style-type: none"><li>1. Understanding the knowledge of various electronic audio and video devices and systems.</li><li>2. Learning the working principles, block diagram and features of consumer electronic devices.</li></ol>
ELE-603 Microprocessor Interfacing Techniques	<ol style="list-style-type: none"><li>1. Learning Interfacing techniques.</li><li>2. Learning interfacing of I/O devices with microprocessor.</li></ol>
ELE-604 Computer Network	<ol style="list-style-type: none"><li>1. Understanding of computer networking basics.</li><li>2. Understanding of different components of computer networks, various protocols and their applications.</li></ol>
ELE-605 Embedded System	<ol style="list-style-type: none"><li>1. Learning the 8-bit microcontroller programming.</li><li>2. Learning the SPI &amp; two wire interface.</li></ol>
ELE-606 Antennas and Wave propagation	<ol style="list-style-type: none"><li>1. Understanding physical properties of antenna.</li><li>2. Learning different antenna structure</li></ol>



Pankaj Shaikshanik and Samajik Sanstha Sanchalit,  
**Pankaj Kala Mahavidyalaya, Chopda, Dist. Jalgaon**  
**Department of Geography**

**COURSE OUTCOMES OF B.Sc.**

**F.Y.B.Sc. Sem I -**

**Physical Geography I (Atmosphere)**

- Understand the structure, composition of Atmosphere.
- Understand weather phenomenon winds, humidity and Precipitation.
- Understand heat balance.
- Understand forecasting methods.

**Practical Geography  
(Cartographic Techniques)**

- To learn drawing of Scale, Diagram for representing Geographical data.
- Skill of drawing of map, graphs, diagram scale.
- Get skill of drawing of projection.
- Acquaria knowledge of map, making techniques.
- To understand to choice of projection according purpose of making maps.





## F.Y.B.Sc. Sem II -

### Physical Geography I (Hydrosphere)

- Understand importance of Ocean.
- Knowledge about effect of Ocean currents.
- Understand human impacts on Oceans.
- Study about types of tides.
- **Practical Geography (Map Projection)**
- To know how to draw the maps on various scale.
- To acquaint the students with basic of scale, map projection and cartography techniques.
- To enable the students to use scale map projection and Cartography techniques.
- To give basic information about various tools and techniques use in making map



## **S.Y.B.Sc. Sem III**

### **Environment Geography**

To create the environmental awareness amongst the student.

- To acquaint students with fundamental concepts of Environment.
- To aware about the importance of biodiversity and threats to it.
- To study the emerging Environmental Issues.
- Understand Environment problems there cause, Effect and Remedies.
- Get knowledge and about Environment hazards and management.
- Understand the various Environment protection acts.
- To make aware the students about the judicious use of resources.

### **Physical Geography of Maharashtra**

#### **Interpretation of Topographical Weather Map and Weather data analysis**

- To develop the interpretation skill among the students.
- To introduce the students about the information recorded on topographical and weather maps.
- To acquire various information from the maps.

#### **SEC :- Regional Planning and Development**

- To introduce general problems of regional development and their application to rural areas.
- To introduce basic methods of elaboration regional development studies
- The student is able to explain the role of regional policy and desire the tools used to regional development support
- To understanding of social and regional relation of the rural development





## **S.Y.B.Sc. Sem III**

### **Human geography**

- Understand the relationship of man and environment
- Study of human evolution and races of man kinds.
- Understand the concept of Determinism, Possibilism and Stop and Go determinism.
- Understand the modes of life of Bhill, gonad, Nagas and Tribes in India
- Importance of Right to Information Acts.
- Understand the history of population
- Study of distribution and density of population.
- Get knowledge of population theories.
- Study types, cause, effects of migration.

### **Socio Economic Geography of Maharashtra**

- To accustom the students with utility and applications knowledge got from the study of Socio-Economic Geography in different walks of the life.
- To acquaint the student with basic knowledge of Maharashtra state.
- To acquaint the student with prospects and problems of agriculture, industries, trade and transport of Maharashtra.

### **Surveying and area measurement by GPS**

- To develop the surveying skill among the students.
- To introduce the students about working and practical utility of GPS.
- To acquaint the students about the field survey.



**SEC :- Field techniques and survey base project report**

- To inculcate in students the analytical approach towards their geographical environment through field study/work of a selected area.
- To aware students that how does a field work form an important part of geographical learning?
- To develop the skill of selection of appropriate technique for field study.
- To enable the student to frame different types of questionnaires to conduct a field study.
- To develop the ability of analysis, interpretation and report writing based upon the data collected during a field study





## T.Y.B.Sc Sem –V

### Geomorphology

- Understand the effect of rotation of revolution the Earth
- Understand interior structure of the earth
- know the importance of longitudes & latitudes
- International Date line and Standard time
- Understand Theory regarding of Origin of Continents and oceans
- Study the formation of Rocks
- Understand the work of internal and external forces and their associated Landforms.
- Study the erosional and depositional land forms of Rivers and Sea Waves.
- Understand the concept of mass Wasting Understand the Application of Geomorphology

### Climatology

- Understand the difference between weather & climate and aims, nature, scope of climatology.
- Understand the origin, composition and structure of atmosphere
- Getting facts about Heat Budget and factors effects Heat Budget.
- Understand the concept of horizontal, vertical temperature and inversion of temperature.
- Identify the Atmospheric pressure and winds humidity and concept of precipitation and its types.
- Understand the Air masses and Fronts and the Weather Forecasting.



1. To acquaint the students with basic knowledge of atmosphere, weather and climate. 2. To know the fundamental concepts of climatology. 3. To understand various weather phenomena. 4. To identify climatic differentiation on the earth. 5. To acquire the knowledge of weather forecasting.

### **Oceanography**

- Understand the meaning, nature and scope, modern trends in Oceanography.
- Understand the ocean floor and relief of the ocean bottom.
- Understand the properties like temperature, density, salinity of ocean water.
- Understand the characteristics and properties of factors affecting on formation of sea waves.
- Understand the tides, tide generating forces, types of tides and tidal effects in coastal areas. 6. Get knowledge about distribution of lithogenous, biogenous, and hydrogenous sediments on ocean floor.

### **Water Resource Management**

- To Judge surface & Ground water resources.
- To understand significance of water resource for human development.
- To generalize the concept of water resource management and planning.
- To conclude the water resource management through scientific planning.

### **Disaster Management**

- Examining the introduction to disaster, nature, scope, significance, types and approaches to study.





- Understand the fundamental concept of hazard, disaster, vulnerability, resilience and risk
- Understand the various types and impact of natural and manmade hazards on human being, regional economy, nature etc.
- Understand the role of local peoples, NGOs, police, army, paramilitary forces in disaster management
- Study the previous disasters and their management happened in Indi

### **Remote Sensing and GPS**

- To introduce the fundamentals of Remote Sensing.
- To provide details of Satellite Remote Sensing.
- To aware about the application of Remote Sensing in various fields.
- To develop GPS usage skill in students.
- To aware basics and geometry of Aerial photographs.

### **Practical**

#### **Practical in Aerial Photograph**

1. To introduce basics and concepts of photogrammetric, aerial photography
2. Introduction to the principles and practices of aerial photograph and photo interpretation
3. Students will learn basic theories of aerial photography and common applications for remote sensing using vertical aerial photography.
4. Students will be able to demonstrate the understanding of properties and characteristics of aerial photographs.





### **Practical of Morphometric Techniques**

- To understand the concept of drainage system and its morphology practically.
- To generalize the nature of drainage system and its aspects.
- To conclude the morphometric analysis by scientific methods.
- To provide the vision for job opportunities available for the students of geography in the field of GIS, RS and watershed planning department through the practical work.
- To encourage the students for morphometric research

### **Practical is Statistical Techniques**

- To familiarize the students with statistical analysis and its applications in Geography.

## **T.Y.B. Sc. Sem.VI**

### **Soil Geography**

- Understand the nature, scope, and concept of soil geography
- Understand physical and chemical properties of soil and factors affecting formation of soil.
- Understand vertical structure of soil and soil horizon.
- Understand soil classification of USDA
- To know the relationship between physical factors and soil.
- To study the various soil forming processes.
- To learn the measures of soil conservation.

### **Biogeography**

1. To aware bio Geographical issue among the student.
2. To acquaint the students with fundamental concept of biogeography.
3. To aware the student about the processes and development of plant and animals.
4. To make aware the student about use of resources with prudence.





### **Population Geography**

- To know the problems of population
- To learn the population policies in India resource.
- To understand the recent problems of population in the world as well as nation.
- To study the demographic structure of population in India.
- To know the methods in present the population data.

### **Agriculture geography**

- To introduce Agricultural systems.
- To make able the student to understand an influence of different physical and manmade factors on agriculture.
- To introduce Agricultural region and agro-climatic regions of India.
- To provide information about the worlds agricultural types.
- To make students aware about the importance of agricultural revolutions in Indian context.
- To know place of agriculture in economy of India.
- Understand the influence of physical, Economic and Technological factors on agriculture patterns

### **Geography of India**

- To acquaint the students with basic knowledge of our country.
- To aware the students about physiography, drainage, climate, soils and natural vegetation of India.
- To aware the students with natural resources available in the country and need of conservation and protection of them.
- To acquaint the students with prospects and problems of agriculture, industries, trade and transport in India.
- To aware the students with natural resources available in the country and need of conservation and protection
- To make the students ready for NET, SET and competitive examinations.





## **Economic geography**

- Study the Human Economic Activities
  - Explain the Weber theory of Industrial Location
  - Understand the mineral and power resources
  - Study conventional and non-conventional energy resources
- Department of Geography
- Study of the distribution of Iron and Steel, Automobile, Cotton Paper and Ship Building Industries in India
  - Get knowledge about types of agriculture, trade and transport.
  - Aware the student about need of conservation and Protection of natural resources.
  - Study of Transport and Trade
  - Understand the concept of Privatization, Globalization and Liberalization

## **Practical**

### **Practical in satellite images imaginary GIS and GPS**

- To introduce practical technique in GIS and GPS
- To learn actuate GIS Processing using Satellite data
- To know the application of GIS& GPS in various fields.

### **Practical in water soil analysis**

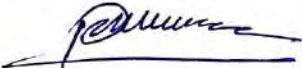
- To acquaint the students with deferent techniques of soil and water analysis in geography.
- To aware the students with importance of water and soil n the era of increasing population.

### **Advanced statistical methods with help of computer project work and excursion**

- To familiarize the students with statistical methods use in geographic data analysis.
- To aware varies computer application software use in statistic

  
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