

The Vasundhara College is affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. The college offers B. A. in English, Marathi, Hindi, Sociology, History, Political Science, Economics, Public Administration, Physical Education, Military Science and Geography.

The university has not designed programme outcomes in its curriculum. However, with the subjects offered in the college, the college has set following outcomes of the B. A. programme.

## **U.G. Program Outcome**

### **I. Program Outcome of Bachelor of Arts (B.A.)**

Student seeking admission for B.A. programme is expected to imbue with following quality which helps them in their future life to achieve the expected Goals. a.

Realization of human values.

b. Sense of social service.

c. Responsible and dutiful citizen.

d. Critical temper

e. Creative ability.

### **B.A. (HINDI)**

#### **Hindi Programme Specific**

#### **Outcome**

- 1) साहित्य के माध्यम से छात्रों को जीवन की कला और जीवन जीने के विभिन्न तरीके, विविध शब्दावली, विविध कौशल्य, विविध अभिव्यक्ति, संशोधन वस्तु आदि विविध सतहों में मित होती है।
- 2) व्यावहारिक लेखन का विकास संगणक का ज्ञान प्राप्त करना
- 3) प्रयोजनमूलक हिंदी के पाठ्यक्रम से व्यवसाय और व्यावहारिक हिंदी की जानकारी मिलती है।
- 4) संवेदिना का विकास।
- 5) अत्याधुनिक इलेक्ट्रॉनिक माध्यमों का परिचय।

- 6) िािा प्राद्योगगकी – ववज्ञापन कला ज्ञान ।
- 7) साहित्य आस्वािन और अभिरुची का परीसंस्कार ।

### **B.A. HINDI COURSE OUT COMES**

B.A./B.Sc/B.Com. F.Y. {S.L.}

Sem. – I, Paper – I सामान्य हिंिी

- 1) संवेिना का ववकास
- 2) िािा कौशल्य का ववकास
- 3) व्यावाररक लेखन का ववकास
- 4) संगणक का ज्ञान प्राप्त करना
- 5) प्रयोजनमलकू हिंिी के पाठ्यक्रम से व्यवसाय और व्यावाररक हिंिी की जानकारी भमलती िै।

### **B.A.F.Y. {Opt.}**

Sem. – I, Paper – I उपन्यास साहित्य

- 1) सामान्य आस्वािन और अभिरुची का परीसंस्कार
- 2) जीवन मल्योु के प्रतत आस्था
- 3) लेखन तथा िािण कौशल का ववकास
- 4) संवेिना का ववकास
- 5) किाणी तथा व्यंग्य का अभ्यास

### **B.A.F.Y. {Opt.}**

Sem. – I, Paper – II नाटक साहित्य

- 1) हिंिी नाटक तथा रंगमंच अध्ययन
- 2) नाट्यास्वािन तथा नाट्यलोचन का ववकास

- 3) संवेिना का ववकास
- 4) हििंी नाटको के नये िेिो का अध्ययन

**B.A./B.Sc. S.Y. {S.L.}**

Sem. – III, Paper – III सामान्य हििंी

- 1) साहित्य आस्वािन और अभिरुची का परीसंस्कार
- 2) जीवन मल्योु के प्रतत आस्था
- 3) अत्याधतनकू इलेक्रोतनक माध्यामो का पररचय
- 4) िािा प्राद्योगगकी – ववज्ञापन कला ज्ञान

**B.Com S.Y. {S.L.}**

Sem. – III, Paper – III संप्रेिणमलकू व्यवसातयक हििंी

- 1) सामान्य हििंी पढने से बच्चों को यि ज्ञात िोता िै ककमातिािाृ भशक्षा पद्धतत कोिम आसानी से सीख सकते िैं।
- 2) आज वैक्षीकरण में हििंी िािा को मित्व िै।
- 3) व्यापार करने और संप्रेिण कला की जानकारी भमलती िै।

**B.A.S.Y. {Opt}**

Sem. – III, Paper – V कथेत्तर गद्य साहित्य

- 1) सामान्य आस्वािन और अभिरुची में ववद्ध
- 2) जीवन मल्योु के प्रतत आस्था
- 3) हििंी कथेत्तर गद्या संवेिना कक परंपरा पररचय
- 4) लेखन व पठन कौशल ववद्ध के भलये अध्ययन

B.A.S.Y. {Opt}

Sem. – III, Paper – VI प्रयोजनमलकु हिदिी-1

- 1) हििंी िािा के वववध रूपो का पररचय

- 2) राजािा हििंी के ववभिन्न पिलओू का पररचय
- 3) प्रयोजनमलकु िािा तथा अनवािु कक िभमकाू का पररचय
- 4) पाररिाविक शब्िावली का ववववध दृष्टीकोण ँव प्रयास
- 5) प्रयोजमलकु हििंी का लेखन पक्ष

**B.A.T.Y.{Opt}**

Sem. – V, Paper – IX प्रािेभशक साहित्य

- 1) साहित्य आस्वािन और अभिरुची का परीसंस्कार
- 2) जीवन मल्योु के प्रतत आस्था
- 3) प्रािेभशक साहित्य का ज्ञान
- 4) िारतीय साहित्य का अध्यायन
- 5) िारतीय िक्ती आंिलन का अध्यायन
- 6) रीतीकालीन संवेिना का अध्यायन

**B.A.T.Y.{Opt} Sem. – V, Paper – X आहि**

तथा मध्यकालीन हििंी साहित्य का इततिस

- 1) आहितथा मध्यकालीन साहित्य का इततिस पढ़ने से िमें यि ज्ञात िोता िै कक उस काल के सामाजक, धाभमकि, आगथकि और राजनीततक पररजस्थतत और आज की जस्थतत में क्या अतं र िै।
- 2) िजक्त, श्रद्धा और प्रेम िी ितनयाु में सबसे मित्वपणू िै, यिजानकारी भमलती िै।
- 3) साहित्य आस्वािन और अभिरुची का परीसंस्कार
- 4) जीवन मल्योु के प्रतत आस्था
- 5) हििंी साहित्य की परंपरा से पररचय

**B.A.T.Y.{Main}**

Sem. – V, Paper – XI साहित्यशास्त्र-1

- 1) साहित्यशास्त्र पढ़ने से बच्चों को यह सिखाता है कि कैसे पढ़ने साहित्य, विचार, कल्पना और शैली का विकास होता है।
- 2) लेखन, पठन कौशल का विकास
- 3) आलोचनात्मक क्षमता का विकास
- 4) अनसंधानात्माकु दृष्टी का विकास

**B.A.T.Y.{Main}**

Sem. – V, Paper – XII प्रकल्प कायय -1

- 1) प्रकल्प साहित्य के प्रश्न पत्र से छात्रों को व्यवशष्ट विषय पर प्रकल्प लेखन करके संशोधन पद्धत से पररगचत करवाया जाता है।
- 2) मिाववद्यालय जीवन से ही छात्रों के अंरि शोध वजत् जागत करने का यह एक प्रयास है।
- 3) लेखन, पठन कौशल का विकास
- 4) आलोचनात्मक क्षमता का विकास
- 5) अनसंधानात्माकु दृष्टी का विकास

**B.A./B.Sc/B.Com. F.Y. {S.L.}**

Sem. – II, Paper – II सामान्य हिंी

- 1) इस प्रश्न पत्र से छात्रों को हिंी साहित्य के बारे में अलग और संस्कृतत जररए के क्वातनयों अलग है उठाना किम से कौन हेतु रक्षा उसकी
- 2) प्रयोजनमलकू हिंी के पाठ्यक्रम से व्यवसाय और व्याविररक हिंी की जानकारी भमलती।
- 3) संवेिना का विकास
- 4) विािा कौशल्य का विकास
- 5) व्यावाररक लेखन का विकास

6) संगणक का ज्ञान प्राप्त करना

**B.A. F.Y. {Opt.}**

Sem. – II, Paper – III हिंी गद्य साहित्य

- 1) हिंी गद्य साहित्य पढ़ने से बच्चों को यि ज्ञात िोता िै कक जजंिगी में संपजत्त का घमंड नीं िोना चाहिए, इंसान को िमेशा खशु िोना चाहिए, स्त्री को आधार िेना चाहिए, लड़का और लड़की िोनों समान िै यि बच्चों को जानकारी प्राप्त िोती िै।
- 2) सामान्य आस्वािन और अभिरुची का परीसंस्कार
- 3) जीवन मल्योु के प्रतत आस्था
- 4) लेखन तथा िािण कौशल का ववकास
- 5) संवेिना का ववकास
- 6) किाणी तथा व्यंग्य का अभ्यास

**B.A. F.Y. {Opt.}**

Sem. – I, Paper – IV एकांकी साहित्य

- 1) एकांकी साहित्य से िी िौततकीकरण और वैज्ञातनकीकरण के कारण समाज पर िोता प्रिाव, टूटते िुए पररवार, घटनु की समस्या, व्यजक्तगत जीवन को लेकर तरसता िुआ आिमी आहि ववियों की जानकारी भमलती िै।
- 2) हिंी एकांकी साहित्य रंगमंच अध्ययन
- 3) संवेिना का ववकास
- 4) हिंी एकांकी साहित्य के नये िेिो का अध्ययन

**B.A./B.Sc. S.Y. {S.L.}**

Sem. – IV, Paper – IV सामान्य हिंी

- 1) गद्य के ववववध आयाम में सिी जस्त्रयों का सम्मान करना चाहिए, पररवार को मित्व िेना चाहिए िर इंसान अधं श्रद्धा से िरू िोना चाहिए।
- 2) प्रयोजनमलकू हिंी में जनसंचार माध्यम और वैज्ञातनक तकनीकी हिंी का अत्यंत मित्वपणू िै। इसकी जानकारी भमलती िै।

- 3) साहित्य आस्वािन और अभिरुची का परीसंस्कार
- 4) जीवन मल्योु के प्रतत आस्था
- 5) अत्याधतनकू इलेक्रोतनक माध्यामो का पररचय
- 6) िािा प्राद्योगगकी – ववज्ञापन कला ज्ञान

### **B.Com S.Y. {S.L.}**

Sem. – IV, Paper – IV संप्रेिणमलकू व्यवसातयक हििं िी

- 1) व्यवसाय, मीडडया, अनवािु, व्यापार और बकै ं में हििं िी को मित्व िै। यि सामान्य िै हििं िी पढ़ने से बच्चों को यि लाि िोता िै।
- 2) सामान्य हििं िी पढ़ने से बच्चों को यि ज्ञात िोता िै ककमातिािाृ भशक्षा पद्धतत कोिम आसानी से सीख सकते िैं
- 3) आज वैश्वीकरण में हििं िी िािा को मित्व िै
- 4) व्यापार करने और संप्रेिण कला का ज्ञानइसकी जानकारी भमलती िै ।

### **B.A. S.Y. {Opt}**

Sem. – IV, Paper – VII आधतनकु हििं िी कववता

- 1) िभमजाू यि खडंकाव्य पढ़ने से यि ज्ञात िोता िै कक स्त्री की सिनशीलता और परुिु की मयाििा और मिन राजा के बारे में िमें जानकारी भमलता िै।
- 2) चनीु िुई लंबी कववता में िर व्यजक्त को िुख रिता िै मगर िुख से बािर तनकलना चाहिए, इसकी जानकारी भमलती िै ।
- 3) सामान्य आस्वािन और अभिरुची में ववद्ध
- 4) जीवन मल्योु के प्रतत आस्था
- 5) लेखन व पठन कौशल ववद्ध के भलये अध्ययन

### **B.A.S. Y. {Opt}**

Sem. – IV, Paper – VIII प्रयोजनमलकु हिंंी-2

- 1) प्रयोजनमलकु हिंंी में सरकारी कायािलयों तथा तनमसरकारी कायािलयोंमें हिंंी के प्रयोग के कारण कायािलय कामकाज में ककस तरि सधारु आता िै
- 2) िाविक कौशल्य की दृजष्ट से शद्धताु, राजािा, राज्यािा, रात्रिािा के रूप में हिंंी की जानकारी भमलती िै ।
- 3) हिंंी िािा के वववध रूपो का पररचय
- 4) राजािा हिंंी के ववभिन्न पिलओू का पररचय 5) प्रयोजनमलकु िािा तथा अनवािु कक िभमकाू का पररचय
- 6) पाररिविक शब्िावली का वववध दृष्टीकोण एंव प्रयास
- 7) प्रयोजमलकु हिंंी का लेखन पक्ष

#### **B.A.T.Y.{Opt}**

Sem. – VI, Paper – XIII मध्यकालीन काव्य

- 1) मध्यकालीन कववता से संत साहित्य की मिराप्र की पाश्चिभमू को लेकर यिां के धाभमकि वातावरण पर ककस प्रकार संत साहित्य का असर िुआ िै इसकी जानकारी भमलती िै।
- 2) साहित्य आस्वािन और अभिरुची का परीसंस्कार
- 3) जीवन मल्योु के प्रतत आस्था
- 4) िारतीय साहित्य का अध्यायन
- 5) िारतीय िक्ती आंिोलन का अध्यायन

#### **B.A.T.Y.{Opt}**

Sem. – VI, Paper – XIV आधतनकु हिंंी साहित्य का इततिस

- 1) आधतनकु हिंंी साहित्य का इततिस पढ़ने से िमें यि लाि िोता िै कक समाज में नयेन-ये पररवतनि िो रि िै।



- 2) समाज में मानवतावािी दृजष्टकोण के साथ उस साहित्य को आधतनकताु के साथ कैसे जोड़ हिया जाए यि जानकारी भमलती िै।
- 3) साहित्य आस्वािन और अभिरुची का परीसंस्कार
- 4) जीवनमल्योु के प्रततआस्था
- 5) हििंी साहित्य की परंपरा से पररचय

### **B.A.T.Y.{Main}**

Sem. – VI, Paper – XV साहित्यशास्त्र – 2

- 1) साहित्यशास्त्र पढ़ने से िमे यि ज्ञात िोता िै कक इंसान को संिरु हिखने के भलए आिणू )अलंकार) की आवश्यकता नीं उसे ज्ञान की आवश्यकता िोती िै।
- 2) लेखन, पठन कौशल का ववकास
- 3) आलोचानात्मक क्षमता का ववकास
- 4) अनसंधानात्माकु दृष्टी का ववकास

### **B.A.T.Y.{Main}**

Sem. – VI, Paper – XVI प्रकल्प

कायि – 2

- 1) प्रकल्प साहित्य के प्रश्न पत्र से छात्रों को ववभशष्ट वविय पर प्रकल्प लेखन करके संशोधन पद्धतत से पररगचत करवाया जाता िै ।
- 2) मिाववद्यालय जीवन से िी छात्रों के अंिर शोध वजत्तु जागत् करने का यि एक प्रयास िै।
- 3) लेखन, पठन कौशल का ववकास
- 4) आलोचानात्मक क्षमता का ववकास
- 5) अनसंधानात्माकु दृष्टी का ववकास

### **B.A (MARATHI)**

**B.A Marathi – Programme Specific Outcomes**

**B.A I Paper - I Course out comes B.A.**

**F.Y (Paper- II & IV) अभ्यासक्रमाची**

**उद्दिष्टे**

१. बी.ए. प्रथमविािच्या ववद्यार्थ्यांना मराठी ववियाचे अध्ययन करण्यासाठी मराठीसाहित्यातील ववववध प्रवाि आणण प्रकार लक्षात आणनू िेणे

२. लेखक कवींचे व्यक्तीमत्व त्यांच्या साहित्यातील आशय अभिव्यक्तीचा परीचय करून िेणे

३. निवातनवरील बातम्यांचे स्वरूप व त्यांची वैभशष्ट्ये स्पष्ट करता येणे

४. स्तंिलेखन कौशल्यांचा अभ्यास करणे

**B.A. S.Y (S.L.) द्वितीय भाषा Paper III & IV अभ्यासक्रमाची**

**उद्दिष्टे**

१. मराठी साहित्याची आवड तनमािण करणे

२. साहित्यातनू जीवन जगण्याची कला अवगत करणे

३. ववववध प्रसार माध्यमांची ओळख करून िेणे

४. माहिती तंत्रज्ञानाचा पररचय करून िेणे

५. व्यविर, ववज्ञान, कायािलयीन व वाडमयीन परज िािेचे आकलण करता येणे

६. मराठी साहित्याचा अस्वाि घेण्याची क्षमता ववकसीत करणे

७. अभ्यासक्रमात समाववष्ट करण्यात आलेल्या पाठाचे लेखक व कवींचा पररचय करून िेणे

**B.A. S.Y. (ऐच्छिक) Paper VI & VIII**

**अभ्यासक्रमाची उद्दिष्टे**

१ ढक- श्राव्य माध्यमासाठी लेखन कौशल्यांचा अभ्यास करणे

२ नोवाणणववियक लेखन कौशल्यांचा अभ्यास करणे

३ िरगचत्रवाणीववियकू लेखन कौशल्यांचा अभ्यास करणे

४ नोवाणणवरील बातम्या व वत्तपत्रातील बातम्या यातील फरकाचा अभ्यास करणे

५ रूपक आणणनाटक यातीलफरकाचा अभ्यास करणे

६ साहित्य प्रकारांतराची संकल्पना स्पष्ट करणे

७ माध्यमांसाठीच्या ववववध लेखन प्रकारांचा पररचय करूण िेणे

८ माध्यमलेखनात असणारे साहित्याचे मित्व ववशि करणे

### **B.A. T.Y (ऐच्छिक) Paper IX & XI**

#### **अभ्यासक्रमाची उहिष्ट्ये १ साहित्याचे**

स्वरूप समजणू घेणे

२ साहित्याच्या लक्षणे व व्याख्यांचा अभ्यास करणे

३ िारतीय साहित्यातील प्रयोजनांचा अभ्यास करणे

४ साहित्य तनभमति ीच्या घटकांचा अभ्यास करणे

५ रसववचारांचा पररचय करूण िेणे

६ यािवकालीन सामाजक, सांस्कृतीक, धाभमकि जस्थतीचा अभ्यास करणे

७ बिामनीकाल ग्रंथतनभमति ी मागगल प्रेरणा व त्यांचा प्रत्येक्ष ग्रंथ रचनेवरील पररणाम समजणू घेणे

### **B.A. T.Y (ऐच्छिक) Paper XIII & XV**

#### **अभ्यासक्रमाची उहिष्ट्ये**

१ पाजश्चमात्य साहित्याचे स्वरूप समजणू घेणे २

पाजश्चमात्य साहित्याच्या प्रयोजनाचा अभ्यास करणे

३ पाजश्चमात्य साहित्य तनभमति िच्या घटकांचा अभ्यास करणे

४ माक्सवि ािी साहित्याचे आकलन करणे

५ भशवकालीनसामाजजक, सांस्कृतीक, धाभमकि जस्थती-गती लक्षात घेता त्याकाळातजी ग्रंथरचना झाली तज च्याबद्दल माहिती करूण घेणे

६ ग्रंथतनभमति िमागगल प्रेरणा व त्यांचा प्रत्यक्ष ग्रंथ रचनेवरील पररणाम अभ्यासणे

७ पेशवेकालीन ग्रंथतनभमति िमागील प्रेरणा व त्यांचा व प्रत्यक्ष ग्रंथरचनेवरील पररणाम समजणू घेणे

८ तत्कालीन मित्वाचे ग्रंथ, ग्रंथकार व ग्रंथववशि यांचे आकलन करूण घेणे

### **B.A. ( ENGLISH) Programme Specific Outcomes (PSO's)**

A student, who has taken admission into this program of B.A with English as specific subject of study, is expected to target on following outcomes.

1. Basic knowledge of English as Language.
2. Major knowledge of English as Literature.
3. Basic knowledge of English Grammar.
4. Critical study of English Literary studies.
5. Relation between pleasure of literature and real life.

### **Course Outcomes (CO's) ENGLISH B.A.I, Paper No.-I & III- The Structure of English**

1. Spoken communication and written communication
2. To understand advanced knowledge of English in matter of speaking and writing
3. To enable students to acquire the structure of English language
4. To acquire the basic knowledge of grammar
5. To acquire the knowledge of Word accent in English
6. To enable students to do the phonetic transcription properly
7. To acquire the basic knowledge of grammar

8. To acquire the knowledge about Intonation

**B.A.I, Paper No- II, IV- Introduction to Literature**

1. To enable students to read and appreciate various forms of literature and critically interact with them from different perspectives
2. To introduce students appropriate literary strategies to read literature
3. To pinpoint how far literary language deviates from ordinary language
4. To unravel many meanings in a literary text

**B. A. I, Paper No.- I, II, Learning Language Skill, (English compulsory)**

1. To strengthen students ability in listening, speaking, reading and writing both at practical and theoretical level
2. To introduce students to the grammatical properties in order to enable them to write and speak English consciously
3. To train them both in precision and in appropriate use of language through prose reading
4. To acquaint students with a keen and subtle way in which the English language used

**B.A. II, Paper No. III & IV- Language through Writings (English Compulsory)**

1. To introduce students to the grammatical properties in order to enable them to write and speak English consciously
2. To train them both in precision and in appropriate use of language through prose reading
3. To acquaint students with a keen and subtle way in which the English language used

**B.A. II Paper No. V&VI- Literature in English (1550-1750)**

1. To enable students to read and appreciate various forms of literature and critically interact with them from different perspectives
2. To introduce students to appropriate literary strategies to read literature
3. To pinpoint how far literary language deviates from ordinary language

**B.A. II Paper No. VII&VIII- Literature in English (1750-1900)**

1. Relation between literature and real life.

2. Emotional development of human mind.
3. To unravel many meanings in a literary text

### **B.A. III Paper No. IX & XIII Twentieth Century English Literature**

1. To make the students how the literature of modern period relates to the important trends of the period
2. Enjoyment of literature
3. Pleasure of literacy forms such as novel, poem, play, and essay.
4. Relation between literature and real life.

### **B.A. III Paper No. X & XIV. Introduction to Literary Criticism and Terms**

1. To make the students aware of the fact that all readers are critics and introduce them to basic texts in criticism while developing critical thinking in them
2. Critical understanding of literature

### **B.A. III Paper No. XI & XV. Indian Writing in English**

1. To introduce the students to the thematic concerns, genres and trends of both Indian Writing in English and American Literature
2. Relation between literature and real life.
3. Pleasure of literacy forms such as novel, poem, play, and essay.
4. Interpret the works of great writes of Indian writers in English.
5. Demonstrate, through discussion and writing, an understanding of significant Cultural and societal issues presented in Indian English literature

### **B.A. III Paper No. XII & XVI. Project Work on History of English Literature**

1. To identify and evaluate appropriate research sources,
2. To incorporating the sources into documented academic writing,
3. To formulate original arguments in response to those sources.
4. To apply appropriate research methodologies to specific problems

## **B.A. GEOGRAPHY**

**BA - 1<sup>st</sup> yr- Paper - 1<sup>st</sup> Geography - 1<sup>st</sup> sem. प्राकृतिक**

**भगोलाची मलत्तू - Elements of Physical**

**Geography १. प्राकृततक िगोलाच्या वववध ज्ञानशाखांचे**

ओळख करून िेणे

२. पर्थवीच्या अतं रंगातील वववध घडामोडींची माहिती जाणून घेणे

३. पर्थवीच्या िालचाली व त्यासंबधी वववध तज्ञांनी मांडलेल्या भसद्धांची माहिती करून िेणे

**BA - I<sup>st</sup> yr- Paper -II Geography मानी**

**भगोलू - Human Geography**

१. मानवी िगोलाच्या वववध ज्ञानशाखांची ओळख करून िेणे

२. मानव व पयािवरण यांच्या अतं रसंबंधातील माहिती जाणून घेणे

३. मानवी समि / वंश व मानवी वसािती संबधी माहिती जाणून घेणे

**BA -I<sup>st</sup> yr Paper -III Geography- II<sup>nd</sup> sem**

**भउठािाििंचाू भगोलू – Geography of**

**landforms**

१. वववध उठावासििाित माहिती करून घेणे

२. पर्थवीवरील वववध घटकांची माहिती व त्यांचे कायि जाणून घेणे

३. वववध िरुपांच्या अभासातनू उपयोगात्मता शोधणे

**BA- I<sup>st</sup> yr Paper -IV Geography मिराष्टराचा भगोलू**

**Regional Geography of Maharashtra १. प्रािेभशक**

िगोलाच्या ज्ञानशाखांची ओळख करून घेणे २. प्रािेभशक

नैसगकि घटकांच्या अभासासििाित माहिती करावी

३. वववध कृिी व मानवी उद्योगाची तोंडओळख करून िेणे

**BA -I<sup>st</sup> yr Annual practical Geography paper - IV**

१. प्रात्याक्षक िगोलाची ओळख करुण घेणे
२. नकाशा तयार करणे, त्याचे वाचन करणे इ. संबंधी माहिती जाणून घेणे
३. वववध िउठावा वा संबंधी माहिती जाणून घेऊन ववकासात्मक तनयोजन करण्यास मित िोईल.

**BA – II y- Geography – Paper – VI \_III sem**

**Climatology – ििामानशास्त्र**

- १ िवामानशास्त्राची तोंड ओळख करुण घेणे
- २ िवामानसंबंधी वववध घटकांची माहिती व ते कसे पररणाम करतात याची माहिती करुण घेणे
- ३ िवामान मानवी जीवनावर िोणारा पररणाम अभ्यासून िवामानच्या संबंधसाठी प्रयत्न करणे

**BA – II y- Geography – paper – VII**

**Population & Geography – लोकसंख्या भगोलू**

- १ मानवी िगोलाच्या वववध ज्ञानशाखांच्या अभ्यासात मानवी िगोलू, मानवी घटकांची माहिती करुण घेणे
- २ लोकसंख्या ववतरण, जल, मत्तू, घनता, भलगंगणोत्तरु आहि घटकांची माहिती करुण घेणे
- ३ लोकसंखेच्या संरचनेवर, लोकसंखेच्या स्थलांतरावर पररणाम करणारे घटक जाणून घेणे

**BA- Ily – Geography- IV sem**

**Oceanography- सागरशास्त्र – VIII paper**

- १ सागर शास्त्राची ओळख करुण घेणे
- २ सागराच्या तळरचनेसंबंधी माहिती जाणून घेणे
- ३ सागरी प्रवाि, व सागरीसंबंधीच्या ववयी माहिती करुण घेणे

**BA- Ily – Geography- Paper IX Settlement**

**Geography- िस्ती भगोलू**



१ वस्ती िगोलाचीु ओळख करुण घेणे

२ वसातीचा आकार, रचना, ववस्तार, व वववध घटकांची माहिती करुण घेणे

३ शिरी व ग्रामीण वसािती आणण त्याचे कायि व वसाितीचा मानवी जीवनावरील पररणाम इ.

संबंधी माहिती झाली पािीजे

### **BA- IIy- Annual practical- paper- X**

१ तापमापक, पजन्ि यमापक, आिमापक, वायवेयु मापक, यासारख्या अनेक उपकरणे िाताळता

आली पािीजेत व त्याच्या योग्य पद्धतीने नोिीं घेता येणे आवश्यक आिे

२ स्थल तनिशक नकाशे तयार करणे व त्याच्या वाचनाची कला अवगत िोणे अपेक्षीत आिे

३ नकाशाशास्त्राची तयार करणे, वाचन करणे िउठावू िाखवणे, गचन्िे व खणाु ,

यांचा वापर करणे, उंची इ. घटकांची माहिती ववद्यार्थ्यांना झाली पािीजे

### **BA- IIIy- Geography- V sem**

#### **Physical Geography of India- XI- subsid**

१ प्राकृततक िारताची तोंड ओळख झाली पाहिजे

२ िारताचा आकार, ववस्तार, वववधता, व िारताचे आभशयातील स्थान जाणनू घेणे

३ िारतीय िमीू वरील िवामान, जलप्रणाली व मान्सून इ. घटकासंबंधी माहिती झाली पािीजे

४ िारतीय िमीू वरील मिृ , प्रकार व ववतरण इ. घटकांचा अभ्यास िोणे अपेक्षक्षत आिे

५ िारतीय िमीवररलू नैसगगकि वनस्पती, जंगले, प्रकार व त्याचे ववतरणा संबंधी माहिती िोणे

#### **Geography of environment- XII sub**

१ पर्यावरण िगोलाचीू माहिती झाली पािीजे

२ पररसंस्था, प्रकार, पररणाम करणारे नैसगगकि व मानवी घटका ववियी जाणीव झाली

पािीजे ३ पररसंस्था, रचना, स्वरुप, अन्नसाखळी, अन्नजाळी, इ. घटकाबद्दल माहिती जाणणू  
घेणे.

४ पररसंस्थेतील बाधक घटक, तापमान वद्धीृ , अन्नसरक्षाु , वाळवंटीकरण, प्लाजस्टक, आम्लपजन्ि य,  
इ. घटक बद्दल जाणीव झाली पािीजे

५ पर्यावरणाचे रक्षण व संवधनि ाबाबत जाणीव जागतीचीृ गरज तनमािण झाली पािीजे

### **Examination march- 2021**

BA SY (Sem-IV)

1091 Geography- VII oceanography XIII Sub

Industrial Geography of Maharashtra Main

१ औद्योगगक िगोलाचीू तोंड ओळख

२ औद्योगगक उद्योगधदं याचे ववतरण कसे असते याची माहिती झाली पािीजे ३

उद्योगधदं याच्या ववतरणावर पररणाम करणारे नैसगगकि व मानवी घटकासंबंधी माहिती  
झाली पािीजे

४ उद्योगधदं याची वैभशष्ट्ये आणण आगथकि ववकास यासंबंधी माहिती िोणे

५ उद्योगधंदू यात जागततकीकरणाची िमीकाू , स्थलांतर, बिलते धोरण, उद्योगांचे आजारपण

इ. संबंधी माहिती

#### **Agriculture Geography of India – XIV**

१ कृिी िगोलाचीू ओळख करुन िेणे

२ िारतीय कृिी/शतेी संबंधी माहिती करूण िेणे

३ कृिी िमीू उपयोजन, कृिीचा उगम, ववकास, कृिीचे प्रकार इ. संबंधी माहिती

४ िारतातील मित्वाच्या वपकांववियी ज्ञान करूण िेणे

५ िारतातील िरीत क्रांतीची माहिती िेणे, िेणे अपेक्षक्षत

#### **Geography of Natural calamities XV subsid**

१ नैसगगकि आपत्ती िगोलाववियीच्याू ज्ञानशाखेची ओळख

२ नैसगगकि आपत्तीची ओळख, िंकपू, ज्वालामखीु, चक्रीवाळि, कारणे व पररणाम यासारखया

अनेक घटकांची ओळख झाली पािीजे

३ मानवतनभमति आपत्ती, अपघात, बॉम्बस्फोटि, संप, मोचाि, टाळेबंिी, ििशतवाि

यासारखया अनेक आपत्तीची माहिती िेणे अपेक्षक्षत आिे

४ परू व िष्काळु, कारणे व पररणाम, जैववक आपत्ती इ. घटकासंबंधी माहिती िेणे अपेक्षक्षत

५ जागततक तापमान वद्धीृ, वायु उत्सजनि, ओझोन क्षय, वानती लोकसंखया, पयािवरण

प्रिणु, इ. घटकांचे ज्ञान िेणे अपेक्षक्षत

#### **Practical Geography - XVI (V&VI Sem) sub**

१ केंहिय प्रवत्तीचीृ पररणामे यांचे ओळख

२ संखया ववचलना संबंधी ज्ञान िेणे

३ सिसंबंध या ववियी तंजांच्या पद्धती व मते माहिती िेणे

४ ववववध सांख्यककय पद्धतीचा अभ्यास झाला पािीजे

५ आकडवे ारी गोळाकरण तीची मांडणी, ववप्लेिण व संबंध सांगता आला पाहिजे

**Biogeography – XVII main**

१ जैव िगोलासंबंधीू ज्ञानशाखेची ओळख िोणे अपेक्षक्षत

२ पयािवरण, प्राणी, संघ, सवयी, प्रकार, इ. संबंधी माहिती िोणे

३ जंगलाची वैभशष्ट्ये, प्रकार, िमीू व पररणाम इ. घटकाबद्दल जाणीव िोणे

४ प्राणी, त्यांचे प्रयािवरण, आंतरकक्रया, पररसंस्था, त्याचे कायि राप्रीय वनधोरण इ. संबंधी

माहिती िोणे

५ प्राणी, वनस्पती, मानव, पयािवरण यासंबंधी माहिती िोणे

**Practical Geography –XVIII main**

१ सवक्षणे पद्धतीची माहिती

२ सवक्षणे साहित्याची माहिती

प्रत्यक्ष कृती

३ ववववध उपकरणांची माहिती

४ प्रत्यक्ष िाताळून नोंिी घेणे, सवांची सिसंबंध तपासनु संशोधन वत्तीृ जागतृ करणे

**Project work – XIX main**

१ समस्यांची जाणीव करूण िेणे/िोणे

२ शोधनवत्तीचाृ ववकासासाठी मागिि शनि िोणे

३ शोधववियाच्या तनवडी करण्यासाठी प्रवत्तृ िोणे

४ संशोधन आराखडा करता आला पािीजे

५ आकडवे ारी, सवक्षणे , ववप्लेशन यातनु संशोधन वत्तीृ जागतृ िेत जाते

## **B.A. HISTORY**

### **Bachelor of Arts**

#### **History**

#### **Program Specific Outcomes (B.A. History)**

1. To Presentation of Indian culture.
2. To study the Historical monuments.
3. To study the biography of great leads
4. To study the Historical women's great achievements in history.
5. To acquire the knowledge tourist place in India.
6. To create the unity by study history. **B. A. F. Y.**

#### **Course Outcomes**

#### **1) शिवाजी व शिवकाळ - Paper-I (Shivaji and History Times)**

**(1630- 1707) (AD 1630- 1707)**

1. To acquire knowledge of history of Maratha.
2. To Study the history of Shivaji Maharaj.
3. To study the different forts.
4. To study the 17<sup>th</sup> century social and economic condition.

#### **2) History of modern Maharashtra – Paper-II**

**(AD 1818 – AD 1905)**

1. To acquire knowledge history of modern Maharashtra.
2. To study socio science and economics condition of Maharashtra in 19<sup>th</sup> century.
3. To study of biography Janbekar, Ranade, Agarkar, Pandita Ramabai.
4. To Study national movement in Maharashtra.
5. To Study the history of Indian National Congress.

#### **3) History of the Marathas – Paper-III**

**(-AD 1707 – AD 1818)**

1. To acquire the knowledge of history of Peshwa.
2. To study the administrative system of Peshwa period.
3. To study the causes and consequences Decline the Maratha power.
4. To study social structure and religious life during Peshwa period.
5. To study the position of women.

#### **4) Twentieth Century Maharashtra – Paper-IV**

**(AD- 1905 – AD 1960)**

1. To acquire the knowledge of twentieth century Maharashtra.
2. To study national movement (1905- 1920) 3. To study revolutionary movement.
4. To study the Non-Brahmin movement.
5. To study Hyderabad freedom struggle. (Marathwada Region)

#### **B. A. II year – History**

##### **5) History of Early India**

**(Up to B. C. 300) Paper – V**

1. To study Harappan Civilization.
2. To study Vedic culture.
3. To study religion movement. (Jainism and Buddhism)
4. To study of Mauryan Empire.
5. To Study Archeological, Numismatic Sources.

##### **6) History of Delhi Saltanat.**

**(AD- 1200 – AD - 1526) Paper - VI**

1. To acquire knowledge History of Delhi Saltanat.
2. To study of Political History Khaji, Tughuqs, Sayyid and Lodi Dynasty.
3. To study Religious Policy of Delhi Saltanat.
4. To study Mahanubhav and Warkari Cults, Bhakti Movement in North India, Sikhism, Sufism.
5. To study Arts and Architecture of Delhi Sultanat.

##### **7) History of Mughal India – Paper - VII**

**(AD 1526 – AD 1707)**

1. To acquire knowledge of History of Mughal.
2. To study a Brief Survey of Political History of Mughal Period.
3. To study Mughal Administration.
4. To study the Religious and Social life in Mughal Period.
5. To study Art and Architecture in Mughal period.

##### **8) History of India – Paper - VIII**

**(BC 300 – AD 650)**

1. To study literary and Archeological Sources.

2. To study Sungas and Knvas dynasty.
3. To study Harshwardhan
4. To study Art and Architecture in period (B.C. 300 – AD 650)

### **B. A. T. Y. (B. A. - III)**

#### **9) Historiography – Paper - IX**

1. To acquire knowledge Definition, Nature, Scope of History.
2. To study Sources of History.
3. To study modern thinkers of History.
4. To study major trends in Indian History writing.
5. TO study the use of History.

#### **10. History of Indian National Movements – Paper – X**

**(AD 1885 – AD 1947)**

1. To study Background Nature, Policies and Administration of British Rule in India.
2. To study Rise of Nationalism in India.
3. To study Indian National Congress and National Movement.
4. To study Revolutionary Movement.
5. To study Mahatma Gandhi.

#### **11. Women’s struggle in Modern India – Paper – XI**

1. To acquire knowledge of women and social struggle.
2. To study Mahatma Phule, Dr. B. R. Ambedkar and Tarabai Shinde.
3. To study social reform movement.
4. To study consent bill Sharada Act, Patel Bill.
5. To study women in caste movement.

#### **12. Fields of History – Paper – XIII**

1. To study Archaeology.
2. To study museology.
3. To study tourism.
4. To study motivation of tourism.
5. To study types and forms of tourism.

#### **13. Landmarks in the History of Modern World – Paper – XIV**

1. To study Renaissance and Reformation in Europe.
2. To study American War of Independence.
3. To study Industrial Revolution.
4. To study Russian Revolution.

5. To study first and second World War.

#### 14. Glimpses of the History of Marathwada. – Paper – XV

1. To acquire knowledge of Political History of Marathwada.
2. To study Religious Movement.
3. To study Art and Architecture.  
(Cave, Temple, Forts)

To study Hyderabad Freedom Struggle. (1937 to 1948)

### B.A. POLITICAL SCIENCE

राज्यास्त B.A.F.Y.

सेशिसटर - I

पेपर क्रं - I राज्यास्त्रातील िलभू ूत सकल्पनां

#### Basic Concepts of Political Science

१ राज्याचे स्वरूप, घटक व व्याप्ती यासंबंधीची माहिती हवद्यार्थ्यांना अवगत के ली.

२ शासनसस्थेहवषयीचीं सपं णू माहिती हवद्यार्थ्यांना देण्यात आली व त्यातनू त्याचीं हिज्ञासा वाढली.

३ व्यक्तीीवनात व राष्ट्रिवनात सावणभौमत्वाचे मित्व हवद्यार्थ्यांच्या लक्षात आले.

४ सावणभौमत्वातनचू स्वावलर्बी बनता येते िे हसद्ध झाले. ५

नागररकत्वाच्या फायद्या तोट याचीं गोळा बेररि करून मानवी िककाचां

िवनातील उपयोग अभ्यासला.

पेपर क्रं - II िहाराष्ट्राचे िासन आशि राजकारि

Government and Politics of Maharashtra



१ मिराष्ट्रराज्याच्या हनहमणतीच्या इहतिासाचा पररचय हवद्यार्थयांना करून देण्यात आला.

२ सयं क्तु मिराष्ट्र चळवळीतनू हवद्यार्थयांना चळवळीचे धडे हळाले.

३ मख्यमुत्रीं व मत्रीमडळं याचीं रचना, अहधकार कायण याचीं माहिती हवद्यार्थयांना झाली.

४ मिराष्ट्रातील हवहवध चळवळींची माहिती घेऊन हवद्यार्थयांना चळवळीहवषयीची भमीकाू अहधक स्पष्ट करण्यासाठी रस दाखवला.

५ हिवादी चळवळीतनू हििंगतीचाू पायाभककम िोण्यास मदत झाली.

### **B.A.F.Y. Political Science**

#### **Sem- II- Paper III**

#### **Basic concepts of Political Science**

१ स्वातंत्र्य, समता व बंधताू िी लोकशािी मल्ये हवद्यार्थयांमध्ये रूिली.

२ मानवी आहधकाराचे फहलत हवद्यार्थयांना समिले.

३ लोकशािीचा समग ृ इहतिास हवद्यार्थयांना अवगत झाला.

४ लोकशािीमध्येच व्यक्तीचा सवांगीन हवकास िोतो याची खात्री झाली.

५ नागररकानां स्वावलर्बीं बनहवण्यासाठी कल्यार्कारी राज्यात शासन योिना अमलात आर्ते याची हवद्यार्थयांना िर्ीव झाली.

#### **Sem -II Paper -IV**

#### **Government and Politics of Maharashtra**

१ पचायतरािं व्यवस्थेची ऐहतिाहसक पार्शर्णभमीू हवद्यार्थयांना समिली.

२ पचायतरािं व्यवस्थेची कायण आहर् स्थान या माहितीतनू हवद्यार्थयांमध्ये स्थाहनक प्रशासनाची माहिती हळाली

३ ग्रामपचायतं , पचायतं सहमती व हिल्िापररषद या  
स्थाहनक सस्थेच्यां कायाणतून स्थाहनक हवकासाची गती  
लक्षात आली.

४ हवहवध रािकीय पक्षाचां कायणक्रम व िाहिरनामा  
हवद्यार्थ्यांना अवगत झाला.

### **B.A.S.Y. Political Science Sem**

#### **-III - Paper no. -V**

#### **Indian Government of Politics**

१ भारतीय राज्यघटनेची हनहमणती कशी झाली ते हवद्यार्थ्यांना ज्ञान  
झाले.

२ भारतीय राज्यघटनेची उद्देशपहत्रका व वैहशष्ट ये समाि व देशहिताचां  
आरसा आिे याचे ज्ञान हमळाले. ३ राज्यघटनेने बिल के लेले मलभू  
तू िकक व राज्याची मागणदशणक तत्वे मानवी कल्यार्ासाठी  
उपयक्तु आते याची िार्ीव झाली.

४ अध्यक्षय शासनपद्धतीची कायण अभ्यासली.

५ ससहधयं शासनपद्धतीचे स्वरूप व पतप्रधानाचीं कायण याची माहिती प्राप्त झाली.

### **B.A.S.Y Political Science**

#### **Sem - III - Paper no. -VI**

#### **International Relations**

१ आतरराष्ट्रीयं सबं ंधाचे स्वरूप आहर् व्याप्ती यासंब ंधी ज्ञान प्राप्त झाले.

२ आतरराष्ट्रीयं सबं ंधाचे आदणशवादी, वास्तववादी, व वतणनवादी दहष्टकोर् अभ्यासता आले.

३ राष्ट्रीय प्रभावातील मित्वाची तंत्रे अवगत झाली.

४ राष्ट्रसत्तेच्या कायणपद्धतीचा पररचय झाला.

५ सत्ता समतोल राखण्याची तत्वे अभ्यासली.

**B.A.S.Y. Political Science**

**Sem - IV - Paper no. - VII**

**Indian Government and**

१ सवोच्च न्यायालयाची रचना, अहधकर व कायण याचीं माहिती अभ्यासली.

२ केंद्र आहर् राज्य सरकारे याच्यातील वैधाहनक, प्रशासहकय आहर् आहथणक सबंधाचा आढावा घेतला.

३ भारतातील राहिकय पक्षाचीं हवचारधार आहर् कायणक्रम अभ्यासला. (काँग्रेस, भापा, साम्यवादी पक्ष)

४ भारतातील पक्षपद्धतीचे भवतव्ये समिले.

५ भ्रष्टाचार, िंतीवाद, प्रादेहशक वाद, साप्रदायवाद िंती भारतीय लोकशािंती पढीलु आविंने अभ्यासले.

**B.A.S.Y. Political Science**

**Sem - IV - Paper no. - VIII**

**International Relations**

१ सयं व्तु राष्ट्रसघं आहर् सामहिकु सरहक्षतताु या सदभाणतं माहिती अभ्यासली.

२ प्ररोधनाचा अथण, स्वरूप आहर् प्रकार याबाबतचे ज्ञान ग्रिर् के ले.

३ आतरराष्ट्रीय दिशतवादाबद्दल माहिती हमळवली

४ आतरराष्ट्रीय पयाणवरवादाबद्दलची तत्रे अभ्यासली.

५ IMP, WTO, SAARC, ASEAN या आतरराष्ट्रीय संघटनांची

रचना अहधकार व कायण याबाबतची माहिती अभ्यासली.

**B.A.T.Y. Political Science**

**Sem - V - Paper no. - IX**

**Indian Political Thinkers**

१ रांराममोिनरॉय याचें धाहमणक, सामाहिक आहर् रांकीय हवचार अभ्यासण्यात आले.

२ दयानदं सरस्वती याचें धाहमणक आहर् सामाहिक हवचार अभ्यासले.

३ गोपाळकृष्टू गोखले याचें सामाहिक, राष्ट्रवादासबंंधी व उदारमतवादासबंंधी हवचाराचां अभ्यास के ला.

४ लोकमान्य हटळकाचें राष्ट्रवाद, चतःु सत्रीू, सामाहिक हवचार अभ्यासले.

५ मिात्मा गाधीं याचें धमण, सत्य, अहिसां आहर् सत्याग्रि, रामराज्यासबंंधी हवचाराचां अभ्यास

करण्यात आला.

**B.A.T.Y Political Science**

**Sem - V - Paper no. - X**

**Western Political Thinkers**

१ न्याय, साम्यवाद, हशक्षर्, आदशणराज्य इ. प्लेटोच्या सकंं ल्पना अभ्यासल्या.

२ अॅररस्टॉटलचे राज्यासबंंधी, नागररकत्व व क्रातीसं बंधी हवचाराचां मागोवा घेण्यात आला.

३ हनकोलो मॅहकव्िली याचें मानवी स्वभावासबंंधी, रांाला के लेले उपदेश, धमण आहर् हमतीमत्ता यासबंंधी हवचार अभ्यासले.

४ थॉमस व्िॉव्िचे मानवी स्वभाव, सामाहिक करार हसद्धातं व नागररकत्वासबंंधी हवचाराचां अभ्यास के ला.

५ िॉन लॉक याचें मानवी स्वभाव, सामाहिक करार, हसद्धातं व अहधकार यासबंंधी हवचाराचां अभ्यास के ला.

**B.A.T.Y. Political Science**

**Sem - V - Paper no. - XI**

**Political Ideologies**

- १ राष्ट्रवादासबं ंधी माहिती अभ्यासण्यात आली.
- २ उदामतवादासबं ंधीची माहिती अभ्यासण्यात आली.
- ३ लोकशािीसबं ंधीची माहिती अभ्यासण्यात आली.
- ४ साम्राज्यवादासबं ंधी माहिती अभ्यासण्यात आली.
- ५ िीवादासबं ंधी माहिती अभ्यासण्यात आली.

**B.A.T.Y. Policial Science**

**Sem - VI- Paper no. - XIII**

**Indian Political Thinkers**

- १ मौलाना आझाद याच्यां हवचाराचां अभ्यास के ला.
- २ िवारिलाल नेिरू याच्यां हवचाराचां अभ्यास करण्यात आला.
- ३ एम.एन.रॉय याच्यां हवचाराचां अभ्यास पर्णू झाला.
- ४ डॉ.बाबासािबे आबेडकरं याच्यां हवचाराचां अभ्यास करण्यात आला.
- ५ ियप्रकाश नारायन याच्यां हवचाराचां अभ्यास के ला.

**B.A.T.Y. Political Science**

**Sem - VI - Paper no.- XIV**

**Western Political Thinkers**

- १ िीन िॅकलीन रूसो याच्यां हवचाराचां अभ्यास करण्यात आला.
- २ िे.एस. हमल याच्यां हवचाराचां अभ्यास के ला.
- ३ िीरेमी बेंथाम याच्यां हवचाराचां अभ्यास करण्यात आला.

४ कालण माकसण याचां हवचाराचां अभ्यास करण्यात आला.

५ रिरे ॉल्ड लास्की याच्यां हवचाराचां अभ्यास के ला.

### **B.A.T.Y Political Science**

**Sem - VI - Paper no. - XV**

#### **Political Ideologies**

१ समािवादासबं ंधी अभ्यास करण्यात आला.

२ साम्यवादासबं ंधीचे हवचार आत्मसात के ले.

३ फॅ हसवादासबं ंधीचे हवचार अभ्यासले.

४ अराज्यवादासबं ंधीचे हवचार अभ्यासले.

५ पयाणवरवादासबधीचें सवतंत्रे अवगत करण्यात आली.

### **Bachelor of Arts**

#### **Public Administration**

##### **Program Outcomes (B.A. Public Administration)**

7. To promote a commitment to the improvement of government and social institutions.
8. To encourage students to acquire knowledge, skills and capabilities arising from the need for a more efficient and effective public administration.
9. Develop a sound theoretical and practical understanding of the basic concepts and theories of organization and functioning of public administration in diverse field.
10. Prepare and inculcate the requisite skills and aptitude imperative for to be a good public administrator.
11. Promote and prepare students for greater commitment to higher ethical standards of public administration.

##### **Program Specific Outcomes**

1. Understand public administration theory and concepts from multiple perspectives.

2. Acquaint with the functioning of the Indian administration, at central, state and local levels and the responses of these systems in addressing the concerns of the people.
3. Acquaint with India's development experience and changing role of administration.
4. Understand the interface of theory and practice in Public Administration.
5. Develop conceptual, analytical and problem solving abilities among the learners **B. A. F. Y.**

## **Course Outcomes**

### **1) Paper-I - Principles of Public Administration**

5. Student will know the origin, evolution, development of Public Administration.
6. Student will be able to explain the concept and principles of Public Administration.
7. Student will know the meaning, features, scope and significance of Public Administration.
8. To provide superior graduate education to students aspiring to or committed to public service careers.
9. To promote understanding of the political, social, legal, and economic environments in which public organizations operate.

### **2) Paper-II - Public Administration in India**

6. It will provide knowledge of basic administrative system in India.
7. Student will know classification of the administrative system in India.
8. Student will know basic features of Administrative system in India.
9. The students are aware of administrative machineries.
10. It will help to understand Judiciary and Executive system in India.

### **3) Paper-III - Maharashtra Administration**

6. Student will know the Sanyukta Maharashtra Movement (History of State Reformation).
7. Student will be get information about the structure and mechanism of the Political and Administrative System.
8. Student will be able to explain the structure and function of Various Statutory and Non statutory Institutions.
9. Student will know state judiciary in Maharashtra and other states.
10. To understand constitutional and statutory bodies responsibilities.

### **4) Paper-IV - District Administration**

6. To know and understand the History, Meaning and Significance of District Administration.
7. Student will get acquainted the role, power and function of the District Collector.
8. Student will understand the various important Authorities and their roles in District Administration.
9. Student will know the function of District Police Administration and their importance in District Administration.
10. To understand key post roles of district administration like Tehsildar, Talathi and Police Patil.

## **B. A. II year – Public Administration**

### **5) Paper – V – Personnel Administration**

6. Students will be able to gain knowledge about Concept and its philosophical ground to study civil service system in India.
7. Students will be able to gain knowledge about Public Personnel Administration in India
8. Students will be able to gain knowledge about employee recruitment, Selection, Training, discipline, development, Grievance redressal and assessment of public safety of employees.
9. Students will be able to gain knowledge about Personnel administration of the concerned agency
10. Students will know Public safety administrators in public safety administration.

### **6) Paper - VI – Panchayati Raj and Rural Development**

6. Student will know the historical revolutions like Mayo's, Ripon's.
7. Student will know about Zilla Parishad, Panchayat Samiti, Gram Panchayat & Gram Sabha.
8. Student get knowledge about Rural Development.
9. Student will get information about financial resources and different taxes from rural area.
10. Student will understand function of Ministry of State Rural Development.

### **7) Paper – VII – Financial Administration**

6. Student will learn role of finance ministry.
7. Student will understand the meaning and importance of Financial Administration.
8. Student will get acquainted about the structure, function and working procedure of Finance Ministry.



9. Student will understand the Budgetary Process, Account and Audit, Role of CAG, Various Committees for financial control on administration.
10. Student will be aware about the New Economic Policy and its merits and demerits.

### **8) Paper – VIII - Urban Local Self Government and Urban Development.**

5. Student will understand the meaning of urbanization and its causes and consequences.
6. Student will get information about the historical development of the Urban Local Self Government in Maharashtra.
7. Student will know about the structure, function and working procedure of Urban Development Ministry of the state.
8. Student will understand the structure and function of Urban Development Agencies, Programmes and Problems of Urban Development.
9. Student will know about 74<sup>th</sup> Constitutional Amendment of urban local bodies.

### **B. A. T. Y. (B. A. - III)**

### **9) Paper – IX - Human Resource Development**

1. Student will know about the meaning, nature and importance of Human Resource Development.
2. Student will understand the roles of various agencies in Human Resource Development.
3. Student will familiarize various means of Human Resource Development.
4. Student will understand the meaning, nature, objectives, importance and process of Human Resource management.
5. Student will get planning information about Human Resource.

### **10. Paper – X -**

1. Students will know about the history of Educational Administration in India.
2. Student will understand the aims and objectives of Education and well acquainted with the Education Process and Administration.

3. Student will understand the structure, function and administration of various Higher Educational Institutions in India.
4. Student will know and well acquainted with the challenges before Indian Higher Education and understand the impact of globalization on its.
5. Student will get knowledge about All India Council for Technical Education (AICTE)

#### **11. Paper – XI – Administrative Thinkers**

1. Student will get the information about thoughts of Administrative Thinkers.
2. Student will be able to express their thoughts and ideas regarding the contents.
3. Student will get inculcated by the thoughts of Administrative Thinkers.
4. Student will study the Decision Making Approach of Herman Simson.
5. Student will study the Henry Fayol's Principal of Management.

#### **12. Paper – XIII – Public Policy and Development.**

1. Student will know about the meaning, objectives, types and process of Public Policy.
2. Student will understand the role of various governmental and non- governmental agencies in public policy formation process.
3. Student will understand the various concepts, model of development and challenges before developmental process.
4. Student will get information and knowledge about policies of National, Food and Land etc.
5. Student will understand the explosion of population and unemployability.

#### **13. Paper – XIV - Health Administration in India**

1. Student will get information of scope and importance of Health Care Administration.
2. Student will know the structure and function of Health Administration in India.
3. Student will understand the national rural health programme and will acquainted with the health related issues.
4. Get awareness about determinants of health like safe water, nutrition, sanitation etc.
5. Student will get information of challenges before Health Administration.

#### **4. Paper – XV - Recent Trends in Public Administration and Important Laws.**

1. Student will understand the new concepts and trends in Public Administration.
2. Student will understand what is citizen charter?
3. Student can understand Good Governance concept and application.
4. Student will understand the various important laws of Indian Public Administration.
5. Student will know the acts regarding protection of civil, consumer and environment.

## **B.A. ECONOMICS**

### **CLASS: F.Y.B.A (SEM-I)**

#### **Micro Economics**

1. Analyze the decisions taken by firms and households due to scarcity of resources.
2. Calculate the elasticity of demand and supply.
3. Describe the laws and various concepts in production and costs.
4. Evaluate the various microeconomic theories
5. Examine the causes of scarcity

#### **Indian Economy**

1. Differentiate between economic growth and economic development.
2. Classify the indices of economic development.
3. Identify the demographic features of the Indian economy.
4. Assess the causes and measures of poverty inequalities and unemployment.
5. Analyze theeconomic and social issues of the Goan economy

### **CLASS: F.Y.B.A (SEM-II)**

#### **Price Theory**

Upon completion of the course, the students will be able to-

1. Discuss concept of Production function
2. Analyze cost and Revenue
3. Classify market in various types
4. Evaluate theories of distribution
5. Understand meaning and related concepts of factor pricing **Money, Banking and Finance**

Upon completion of the course, the students will be able to-

1. Explain basic aspect about money
2. Evaluate principle of Commercial Banks and Banking Structure in India
3. Discuss New Concepts in banking sector
4. Discuss functions of Reserve Bank of India
5. Define the term money market and capital market

### **CLASS: S.Y.B.A (SEM-III)**

#### **Macro Economics**

Upon completion of the course, the students will be able to-

1. Discuss basic aspects of macro Economics
2. Describe concept of National Income
3. Explain theory of money and identify the index number
4. Explain theories of employment
5. Explain Keynesian theory of employment and Nature of trade cycle

#### **Economics of Development**

Upon completion of the course, the students will be able to-

1. Discuss concept of economic development and growth
2. Analyze theories of Adam Smith and Malthus
3. Give factors in development process
4. Get aware about Models of Economic Growth
5. Explain role of sector approach in Economical Development

### **CLASS: S.Y.B.A (SEM-IV)**

#### **Public Finance**

Upon completion of the course, the students will be able to-

1. Discuss nature, scope and importance of public finance

2. Explain Public Revenue
3. Comprehend public expenditure
4. Describe concept, source, causes and effects and importance of public debt
5. Explain meaning, objective and components of Union Budget **Statistical Methods**

Upon completion of the course, the students will be able to-

1. Analyze collection of data – Primary and Secondary data
2. Describe types of series – simple, Discrete and continuous series
3. Discuss Arithmetic mean – its merits and demerits, mode and median
4. Evaluate Range, mean deviation and standard deviation
5. Explain variance and Co-efficient of variation

#### **CLASS: T.Y.B.A (SEM-V)**

##### **International Economics**

Upon completion of the course, the students will be able to-

1. Explain basic concept of international economics
2. Describe Gains from trade
3. Discuss types of tariffs and quotas
4. Evaluate concept and components of balance of payment
5. Discuss Demerits and limitations of devaluation

##### **Agriculture Economics**

Upon completion of the course, the students will be able to-

1. Discuss the role and importance of Agriculture
2. Describe various technologies used in Agriculture
3. Explain Government Agriculture Policies
4. Acquire knowledge of Indian agricultural development from last 50 years

## **History of Economic Thought**

Upon completion of the course, the students will be able to-

1. Explain concept of Mercantilism
2. Sketch out Adam Smith division of labour and theory of value
3. Comprehend Tomas R. Malthus – theory of population
4. Describe Karl Marks theory of dynamics of social change, theory of surplus value
5. Explain concept of aggregate economy and the role of fiscal policy

## **CLASS: T.Y.B.A (SEM-VI)**

### **Research Methodology**

Upon completion of the course, the students will be able to-

1. Discuss meaning, nature, scope and objectives of social science research
2. Describe Facts – features Primary data collection
3. Discuss motivating factors of social research
4. Comprehend meaning and need of research design

### **Industrial Economics**

Upon completion of the course, the students will be able to-

1. Discuss importance and role of Industries in Economic and social development
2. Know industrial organization, ownership structure
3. Analyze location and dispersion of industries
4. Explain composition of industrial sector

## **B.A. SOCIOLOGY**

### **Program Specific Outcomes:**

- a) Acquaintance with social transactions, social relations, social formations, social control, social values and culture.

- b) Knowing the significance of social institution, caste system, religion, nationalism, integrity, equality and justice.
- c) Getting the knowledge of the works of social reformers all over the nation.
- d) Ability to follow new stream of thoughts and theories of social thinkers.
- e) Getting the deep knowledge about various social groups like tribal Community, women bulk etc.
- f) Ability to deal with research in sociology.
- g) Awareness about secularism and Democracy

### **Course outcomes B.A. I Paper No-I: - Introduction to sociology**

1. Introduction to the basic concept of Sociology, subject matter & Importance of Sociology and origin and development of sociology
2. Understanding in brief the knowledge of human Society and Sociology.
3. Analyzing of Social problems, Evaluation of Social change, Social policy and action.

### **Paper No-II: - Individual and Society**

1. knowing about culture, socialization and agencies of socialization
2. getting knowledge about status and role of social structure
3. Understanding about cast and class system in social stratification
4. Awareness about social change and social control

### **Subfields of Sociology**

1. Learning the problems of rural society
2. Acquainting the knowledge about social psychology and political sociology in social interaction
3. Getting knowledge about anthropology in social culture

### **Paper No- IV: Indian Social Composition**

1. Studying the features of Indian Society
2. Creating the bonds of unity among students
3. Studying the Indian population's characteristics, Quantitative problems as well as population planning and control
4. Acquainting the knowledge about forms of diversity like language and religion
5. Studying the concept of democracy and secularism

6. acquainting the knowledge about Indian constitution
7. awareness about *Baluta* System and importance of land holding in Indian rural agrarian structure

### **B.A. II, Paper No- V: Problems of Rural India**

1. Understanding the profile of Rural Community
2. Introduction to the basic concepts of Rural Community and Rural Development
3. Awareness about the problems in rural economy such as landless labourers, and rural Industries
4. Understanding rural unemployment corruption in governmental schemes **Paper**

### **No- VI: Contemporary Urban Issues**

1. . Introduction to major Social Problems and challenges before the problem of the Indian society.
2. Awareness of Contemporary Social Problems in India.
3. Awareness about unemployment and poverty, crime and prostitution
4. Understanding the planning like development of slums and urban infrastructure

### **Paper No- VII: Population in India**

1. Getting knowledge about fertility, morality and density of population
2. Awareness about population growth, sex ratio and female feticide
3. Studying the new population policy and China experience of population

### **Paper No- VIII: Sociology of Development**

1. Getting knowledge about development issues and problems of weaker sections
2. Awareness about development approaches and mixed approach
3. Getting knowledge of Government schemes and consequence of L.P.G. in Indian experience
4. Learning the developmental issues like infrastructure and education in Marathwada

### **Paper No- IX: Sociological Traditions**

1. Acquainting the knowledge about French revolution, Industrial revolution, recent trends in sociological theory



2. Getting knowledge about August Comte of Positivism, Law of three stages, Spencer theory of Organism
3. Getting awareness of the Classical tradition

**Paper No- X: Introduction to Research Methodology**

- 1) Imparting basic Research Skills
- 2) Introduction to various steps in conducting research.
- 3) Acquaintance with different types of research and issues in research **Paper No- XI:**

**Social Problems in Contemporary India**

1. Introduction to major Social Problems and challenges before the problem of the Indian society.
2. Awareness of Contemporary Social Problems in India.
3. Learning the problems of Inequality
4. Learning about Displacement and Rehabilitation **Paper No- XIII: Sociological**

**Theories**

1. Getting knowledge about Sociological theories of the Functionalism
2. Making awareness of the symbolic interaction C.H. Colley Looking Glass Self, Primary Group
3. Getting knowledge about Conflict Theory **Paper No- XIV: Social Research**

**Methods**

1. Imparting basic Research Skill Techniques of Sociological instigation
2. Learning the use of Computer in Social Research, Intend, Introduction of SPSS
3. Learning the utility of social research
4. Getting knowledge of society and social structure

**Paper No- XV: Social Disorganization in Contemporary India**

1. Getting knowledge of problem of Disorganization concept and nature
2. Acquainting the violence and social disorder, problem of *Naxalism* in India
3. Awareness about regional imbalance of development in India
4. Analyzing of regional imbalance special reference to *Marathwada* and *Vidharbha*

## **BACHELOR OF COMMERCE (B.COM)**

The Vasundhara college is affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. The college offers for first year B.Com, IT.App.in Business, Entrepreneurship Department, Business And Industrial Economics, Business Math and Statistics, Financial Accounting, for B.Com. second year subject offered, IT.App.in Business, Principal of Business, Corporate Accounting, Busi. Regulatory Framework

### **Program Outcomes**

Students who have taken admission to this program of B.Com are expected to concentrate upon the following outcomes. a. Commercial sense.

- b. Develop managerial skills.
- c. Entrepreneurial skill.
- d. Budgeting policy.
- e. Human Resources Management.
- f. Develop Numerical ability.
- i. Well versed with business regularity framework.

### **Program Specific Outcomes:**

#### **ACCOUNTANCY**

1. Understanding basic concepts of accountancy, principles of accountancy and accounting cycle to maintain accounts of trading & non-trading organizations.
2. Getting acquainted with the procedure of preparation of income statements, retained earnings, balance sheet and statement of cash flows which are required for external users and more useful to managers for managerial decision making.
3. Inculcating different skills for analysis and interpretation of financial data to understand financial health of an organization and ensure that resources are being used to achieve the organizations objectives.
4. Developing knowledge about cost ascertainment and fixation of selling price and cost control.
4. Obtaining the knowledge of various provisions of Income Tax Act and their applications in computations of taxable income of an individual under different heads of income.
5. Getting working knowledge of generally accepted auditing procedure, techniques and skills.

## **Course Outcomes of B. Com. I Computer Application in Business & Business Communication and IT Applications**

1. Information Communication Technology and written communication.
2. Writing of Resume, letters of application, business letters with digital tools.
3. Office Automation tools like Word, Excel & PowerPoint.
4. Creating Business Spreadsheets.
5. Preparing Presentations for Corporate need & purpose.
6. Drafting business letters.
7. Drafting meetings, tenders & emails etc.

## **Business & Industrial Economics**

1. Understanding the link between business economics and industries.
2. Realizing the importance of demand forecasting and method of demand Forecasting.
3. Justifying the demand function and production function in Industries.
4. Evaluating various production theories.
5. Clarifying the meaning of Marginal, average, total revenue, and Marginal, average and total cost and its implication in Industries.
6. Understanding different markets structure in marketing system.

## **Financial Accounting**

1. Understanding the concepts of financial Accounting
2. Exposure to nature and advantages of Accounting, Accounting concepts and conventions.
3. Introduction to Accounting standards in India
4. Obtaining the knowledge of computerized Accounting.
5. Getting knowledge about accounting procedure of partnership firm, accounts of professionals, single entry system, branch accounts and consignment accounts.

## **Marathi**

1. Illustrating the nature of short story.
2. Explaining the nature of characterization, literate and philosophical writings.
3. Illustrating one-act-play, travelogue and autobiography as the forms of literature.
4. Illustrating the general skills and usages of Marathi in day-to-day life.

## **Entrepreneurship Development**

1. To develop entrepreneurship skills.
2. To encourage in establishment of businesses.
3. Creating ability to handle small and large scale businesses as a Entrepreneurs.
4. To promote female entrepreneurship.

## **Course Outcomes of B. Com. II English**

1. Spoken communication and written communication.
2. Writing of Resume, letters of application, business letters.
3. Writing News-report, Essay, paragraph,, Review, etc.
4. Narration of experience, daily routine.
5. Interview Techniques.

## **Corporate Accounting**

1. Exposure to the issue of shares and debentures of the company
2. Attainment of knowledge about accounting procedure of company final account.
3. Understanding the accounting procedure amalgamation and absorption of company
4. Ability to get the knowledge about valuation of shares.
5. Understanding the accounts procedure of liquidation of Ltd. company.

## **Cost Accounting**

1. Creating logical thinking power.
2. Creating ability to take decision at different level of production activity like make or buy, project launching etc.
3. Developing knowledge among students about cost ascertainment and fixation of selling price and cost control.
4. Knowledge about presentation of cost accounting information for the purpose of decision making.
5. Determination of profitable or unprofitable activity in business by using different cost accounting tools.

## **IT Application in Business**

1. To understand the basics of Programming.
2. To understand functional hierarchical code generation.

3. To understand the usage of characters, string, integers and special symbols in programming.
4. To understand loops and decision-making statements in order to solve problems.
5. To understand arrays and implementation of various operations on arrays.
6. To understand the use of functions and pointer in programming.
7. To understand the use of structure & union.
8. To understand file operations and implement file operation in C programming for a set of problems.

### **GST Account**

1. To help the students compute the Goods and Service Tax (GST) payable by a supplier after considering the eligible input tax credit.
2. To make the students understand the basic concepts, definitions and terms related to Goods and Service tax (GST).
3. To help students understand the persons liable for registration and the persons not required to obtain registration under the GST law.

### **Banking**

1. To enable learners to know basics of Banking.
2. To make them aware about basic terminology in Banking .
3. To make them understand about various exchange across.
4. To identify the risk faced by the Industry and Banks in Market.

### **B. Com. III**

#### **Course Outcomes Advanced Financial Accounting**

1. Acquire conceptual knowledge of basics of accounting
2. Identify events that need to be recorded in the accounting records
3. Develop the skill of recording financial transactions and preparation of reports in accordance with GAAP
4. Describe the role of accounting information and its limitations
5. Equip with the knowledge of accounting process and preparation of final accounts of sole trader

6. Identify and analyze the reasons for the difference between cash book and pass book balances
7. Recognize circumstances providing for increased exposure to errors and frauds
8. Determine the useful life and value of the depreciable asset.

### **Financial Management**

1. Understand various costing systems and management systems
2. Analyze and provide recommendations to improve the operations of organizations through the application of Cost and Management accounting techniques
3. Evaluate the costs and benefits of different conventional and contemporary costing systems
4. Differentiate methods of schedule costs as per unit of production

### **Business Regularity Framework**

1. Introduction to Business Law as well as other Laws.
2. Achieving the knowledge of Law.
3. Knowing the rights and liability of every citizen regarding society.
4. Awareness of legal liability.
5. Welfare of society
6. Creating legal awareness among the students.
7. Acquainting with the latest laws, governing business and commercial transactions.

### **Business Environment**

1. Understanding business environment at national and international level. 2. Knowledge about agricultural development, industrial development and service sector development in India.
3. Discussing the problems of Indian economy.
4. Measuring implementation and impact of Liberalization, Privatization and Globalization on Indian Economy.
5. Justifying performance, role, function, merits and demerits of Foreign Capital, Multinational corporations and International Corporation (IMF, IBRD, WTO and SAARC).

### **Auditing**

1. Knowledge about auditing principles and techniques of auditing.
2. Getting knowledge of vouching of cash and credit transactions.
3. Knowing the appointment procedure of Auditor.
4. Acquiring the skills of Audit program of co-operative societies and banks.
5. Knowledge about writing of audit reports.
- 7 Getting known with application of principles and provisions of direct tax laws in computation of taxable income under various heads of income.

### **Computerized Accounting**

1. Attain a comprehensive skill set with Tally ERP 9 Accounting Software.
2. Attain sufficient mastery of data base management systems to be able to effectively handle any computerized accounting system
3. Improve online file management skills using Tally ERP 9.
4. Improve Windows operating system skills
5. To create bills, vouchers, accounts, taxation and inventory etc.

### **BACHELOR OF SCIENCE (B.Sc)**

The present college is affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. The college offers B. Sc. in Chemistry, Botany, Zoology, Physics, Math and Computer Science. The university has not designed programme outcomes in its curriculum. However, with the subjects offered in the college, the college has set following outcomes of the B. Sc. programme.

#### **Program Outcomes**

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

- a. Explaining the basic scientific principles and methods .
- b. Inculcating scientific thinking and awareness among the student.
- c. Ability to communicate with others in regional language and in English.
- d. Ability to handle the unexpected situation by critically analyzing the problem.
- e. Understanding the issues related to nature and environmental contexts and sustainable development.

## **English course for B.Sc. I & II**

1. Spoken communication and written communication.
2. Writing of Resume, letters of application, business letters .
3. Writing News-report, Essay, paragraph,, Review, etc.
4. Narration of experience, daily routine.
5. Interview Techniques.
6. Understanding and interpretation of poem, prose, essay, short stories, etc.

## **B.Sc. FY Chemistry Program Outcomes**

1. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.
- PO-2. Solve the problem and also think methodically, independently and draw a logical conclusion.
3. Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.
4. Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.
5. Find out the green route for chemical reaction for sustainable development.

## **Program Specific Outcomes**

1. Gain the knowledge of Chemistry through theory and practical's.
2. To explain nomenclature, stereochemistry, structures, reactivity, and mechanism of the chemical reactions.
3. Identify chemical formulae and solve numerical problems.
4. Use modern chemical tools, Models, Chem-draw, Charts and Equipments.
5. Know structure-activity relationship.
6. Understand good laboratory practices and safety.
7. Develop research oriented skills.
8. To make aware and handle the sophisticated instruments/equipments.

## **Course Outcomes Inorganic Chemistry Course Outcomes**

1. Know the meaning of various terms involved in co-ordination chemistry



2. To understand Werner's formulation of complexes and identify the types of valences
3. Know the limitations of VBT
4. Know the shapes of d-orbitals and degeneracy of d-orbitals
5. Draw the geometrical and optical isomerism of complexes

### **Organic Chemistry Course Outcomes**

1. Define organic acids and bases.
2. Distinguish between geometrical and optical isomerism.
3. Discuss kinetics, mechanism and stereochemistry of SN1 and SN2 reactions.
4. Compare between E1 and E2 reactions.
5. Understand the evidences, reactivity and mechanism of various elimination and substitution reactions.

### **Physical Chemistry**

1. Understand Mechanics of system of particles.
2. Know the Redox reaction.
3. Study the Crystal Field Theory.
4. Solve the cell reaction and calculate EMF.
5. Calculate inter-planar distance.
6. Understand De-Broglie hypothesis and Uncertainty principle
7. Derive Schrodinger's time dependent and independent equations

### **B.Sc. - (Computer Science)**

After successful completion of three year degree program in Computer Science a student should be able to

#### **Program Specific Outcomes**

1. Effectively communicating computing concepts and solutions to bridge the gap between computing industry experts and business leaders to create and initiate innovation.
2. Ability to use approximately system design notations and apply system design engineering process in order to design, plan and implement software systems.
3. Preparing for a career in an information technology oriented business or industry or for graduate study in computer science or other scientific or technical fields.

4. Ability to complete successfully to program small –to-mid-size programs on their own.
5. Effectively utilizing the knowledge of computing principles and mathematics theory to develop sustainable solutions to current and future computing problems.
6. Developing and implementing solution based system and/or process that address issues and/or improve existing systems within a computing based industry.

### **Course Outcomes**

1. To develop problem solving abilities using a computer
2. To build the necessary skill set and analytical abilities for developing computer based solutions for real life problems.
3. To imbibe quality software development practices.
4. To create awareness about process and product standards
5. To train students in professional skills related to Software Industry.
6. To prepare necessary knowledge base for research and development in Computer Science
7. To help students build-up a successful career in Computer Science

### **Fundamentals of Computers (BSc – I) Course Outcomes**

1. Use technology ethically, safely, securely, and legally.
2. Identify and analyze computer hardware, software, and network components.
3. Design basic business web pages using current HTML/CSS coding standards.
4. Install, configure, and remove software and hardware.
5. Use systems development, word-processing, spreadsheet, and presentation software to solve basic information systems problems.
6. Apply standard statistical inference procedures to draw conclusions from data.
7. Retrieve information and create reports from relational databases.
8. Make intelligent computer purchase decisions.
9. Analyze compression techniques and file formats to determine effective ways of securing, managing, and transferring data.

### **Digital Electronics (BSc I)**

1. Have a thorough understanding of the fundamental concepts and techniques used in digital electronics.

2. To understand and examine the structure of various number systems and its application in digital design.
3. The ability to understand, analyze and design various combinational and sequential circuits.
4. Ability to identify basic requirements for a design application and propose a cost effective solution.
5. The ability to identify and prevent various hazards and timing problems in a digital design.
6. To develop skill to build, and troubleshoot digital circuits.

#### **Database Management System (BSc I):**

1. Understanding the purpose and differences between Database models.
2. Knowing the design and implement relational database.
3. Designing and implementing SQL queries for both data manipulation and data definition tasks.
4. Knowing about protecting data from physical harm and unauthorized access with user access privileges.
5. Designing and executing programs using PL/SQL.
6. Getting known of new software application i.e. MYSQL for designing database.

#### **Programming in C language (BSc I):**

1. Ability to develop applications.
2. Creation algorithms and flowcharts to solve simple programming problems.
3. Understanding to design, implement, test, debug a program that uses calculations, loops, array, function, pointers, structure etc.
4. Memory management using C.

#### **B. Sc II Course Outcomes**

##### **Object Oriented Programming Using C++ (BSc II):**

1. Using the characteristics of an object-oriented programming language in a program.
2. Using the basic object-oriented design principles in computer problem solving.
3. Programming with advanced features of the C++ programming language.
4. Using C++ classes for code reuse.

## **B. Sc. III**

### **Fundamental of Software Engineering (BSc II):**

1. Understanding how to work as an individual and as part of a multidisciplinary team to develop and deliver quality software.
2. Demonstrating an understanding of and apply current theories, models, and techniques that provide a basis for the software lifecycle.
3. Understanding methods and tools to design, implement, test, document, and maintain a software system.
4. Communicating effectively and professionally both in writing and by means of presentations to both specialist and a general audience.

### **Computer Network (BSc III):**

1. Understanding the concepts, vocabulary and techniques currently used in the area of computer networks.
2. Getting known with wireless networking concepts.
3. Understanding classification of network, transmission impairments, Data transmission methods etc.
4. Understanding installation of Windows Server 2008 and managing active directory.

### **PHP and MySQL (BSc III):**

1. Getting the PHP Programming skills needed to successfully build interactive, data driven sites.
2. Understanding working of XAMPP server and working of different array functions to insert, retrieve, display and sort array elements.
3. Understanding how to develop web applications in PHP using MySQL.

### **Network Technology (BSc III):**

1. Understanding reference models in networking like ISO/OSI reference model and TCP/IP reference model.
2. Introducing switching, multiplexing and de-multiplexing techniques.
3. Getting knowledge of file sharing and security in windows server 2008.
4. Understanding group, group policy and inheritance of group policy etc.

### **E-Commerce (B. Sc III):**

1. Knowledge of technologies supporting E-commerce, including web services and electronic payment system.
2. Recognition of fundamental principles of E-business and Knowledge about Electronic Data Interchange.
3. Analysis of real business cases regarding their E-Business strategies and transformation processes and choices.
4. Knowledge about security threats and security solutions in e-commerce.

### **B.Sc. Mathematics Program Specific Outcomes**

1. Ability to calculate and reason to design complex and critical financial models for Bank and Insurance Companies.
2. Ability to understand both concrete and abstract problems.
3. Ability to make critical observations.
4. Ability to accurately organize, analyze and interpret data.
5. Develop the mathematical logic which is very useful for solving mathematical reasoning problems.

### **Course Outcomes**

1. Understand the foundations of mathematics.
2. Be able to perform basic computations in higher mathematics.
3. Be able to read and understand middle-level proofs.
4. Be able to write and understand basic proofs.
5. Develop and maintain problem-solving skills.
6. Use mathematical ideas to model real-world problems.

### **BSc I Course Outcomes B. Sc - I Differential Calculus I**

1. Understand how to analyze and synthesize given data to solve problems in geometry
2. Understand the basic ideas of conics
3. Explain the ideas of conics and their various applications
4. Find the equation to tangent, normal at a point on a conic
5. Apply the properties of conics to solve problems in real life situations

### **B. Sc - I Differential Equations II**

1. The main aim of the course is to introduce the students to the technique of solving various problems of engineering and science
2. Distinguish between linear, nonlinear, partial and ordinary differential equations.
3. Solve basic application problems described by second order linear differential equations with constant coefficients.
4. Find power series solutions about ordinary points and singular points.
5. Find the transforms of derivatives and integrals.

### **B. Sc-I Integral Calculus III**

1. To perform integration and other operations for certain types of functions and carry out the computation fluently;
2. Approximation techniques for integration;
3. To determine whether a sequence or a series is convergent or divergent and evaluate the limit of a convergent sequence or the sum of a convergent series;
4. To recognize when and explain why such operations are possible and/or required;
5. To interpret results and determine if the solutions are reasonable.

### **B.Sc. I Geometry IV**

1. Apply appropriate techniques, tools, and formulas to determine measurements
2. Select and use units of appropriate size and type to measure angles, perimeter, surface area, and volume
3. Analyze characteristics and properties of two- and three-dimensional geometric shapes and develop mathematical arguments about geometric relationships
4. Apply transformations and use symmetry to analyze mathematical situations
5. Use visualization, spatial reasoning, and geometric modeling to solve problems **B. Sc.**

## **II**

### **Number Theory - V**

1. Demonstrate knowledge and understanding of topics including, but not limited to divisibility, prime numbers, congruence's, quadratic reciprocity, Diophantine equations.

2. Learn methods and techniques used in number theory.
3. Write programs/functions to compute number theoretic functions.
4. Use mathematical induction and other types of proof writing techniques.
5. Evaluate trigonometric and inverse trigonometric functions.

### **Integral Transforms – VI**

1. Understand integral calculus and special functions of various engineering problem and to know the application of some basic mathematical methods via all these special functions.
2. Explain the applications and the usefulness of these special functions.
3. Classify and explain the functions of different types of differential equations.
4. Understand purpose and functions of the gamma and beta functions, Fourier series and transformation.
5. Use the gamma function, beta function and special functions to: evaluate different types of integral calculus problems and Fourier series to solve differential equations.

### **Mechanics (A) - VII**

1. Familiarize with subject matter, which has been the single centre, to which were drawn mathematicians, physicists, astronomers, and engineers together.
2. Understand necessary conditions for the equilibrium of particles acted upon by various forces and learn the principle of virtual work for a system of coplanar forces acting on a rigid body.
3. Determine the centre of gravity of some materialistic systems and discuss the equilibrium of a uniform cable hanging freely under its own weight.
4. Deal with the kinematics and kinetics of the rectilinear and planar motions of a particle including the constrained oscillatory motions of particles.

### **Numerical Methods – VIII**

1. Obtain numerical solutions of algebraic and transcendental equations.
2. Find numerical solutions of system of linear equations and to check the accuracy of the solutions.
3. Learn about various interpolating and extrapolating methods to find numerical solutions.

4. Solve initial and boundary value problems in differential equations using numerical methods.
5. Apply various numerical methods in real life problems

### **Partial Differential Equations – IX**

1. Classify partial differential equations and transform into canonical form
2. Solve linear partial differential equations of both first and second order
3. Apply partial derivative equation techniques to predict the behavior of certain phenomena.
4. Apply specific methodologies, techniques and resources to conduct research and produce innovative results in the area of specialization.
5. Extract information from partial derivative models in order to interpret reality.
6. Identify real phenomena as models of partial derivative equations.

### **Mechanics (B) – X**

1. Familiarize with subject matter, which has been the single centre, to which were drawn mathematicians, physicists, astronomers, and engineers together.
2. Understand necessary conditions for the equilibrium of particles acted upon by various forces and learn the principle of virtual work for a system of coplanar forces acting on a rigid body.

### **Real Analysis – I (A) – XI**

1. Describe fundamental properties of the real numbers that lead to the formal development of real analysis.
2. Comprehend rigorous arguments developing the theory underpinning real analysis.
3. Demonstrate an understanding of limits and how they are used in sequences, series, differentiation and integration.
4. Construct rigorous mathematical proofs of basic results in real analysis.
5. Appreciate how abstract ideas and rigorous methods in mathematical analysis can be applied to important practical problems.

### **Abstract Algebra – I (A) – XII**

1. Demonstrate understanding of and the ability to verify relationships between operations satisfying various properties (e.g. commutative property)



2. Demonstrate understanding of and the ability to work within various algebraic structures
3. Assess properties implied by the definitions of groups and rings
4. Acquire the basic knowledge and the structure of Group, Subgroup and Cyclic Groups
5. Explain the significance of the notion of a normal subgroup, and of a simple group

### **Ordinary Differential Equations – A- XII**

1. Student will be able to solve first order differential equations utilizing the standard techniques for separable, exact, linear, homogeneous, or Bernoulli cases.
2. Student will be able to find the complete solution of a non-homogeneous differential equation as a linear combination of the complementary function and a particular solution.
3. Student will be introduced to the complete solution of a non-homogeneous differential equation with constant coefficients by the method of undetermined coefficients.
4. Student will be able to find the complete solution of a differential equation with constant coefficients by variation of parameters.
5. Student will have a working knowledge of basic application problems described by second order linear differential equations with constant coefficients.

### **Real Analysis – B – XIV**

1. Expand functions using Taylor Series
2. Understand partitions and their refinement
3. Understand Inerrability and theorems on inerrability
4. Acquire the idea about Riemann Inerrability and Riemann Integration
5. Understand various theorems associated with Riemann Integration

### **Abstract Algebra – II – XV**

1. Use Lagrange's Theorem to analyze the cyclic subgroups of a group
2. Acquire the notion of permutations and operations on them
3. Prove Cayley's theorem and understand its applications
4. Explain the terms isomorphism and homomorphism
5. Develop an idea about Isomorphism, homomorphism and auto orphism

### **Ordinary Differential Equations (B) – XVI**

1. Distinguish between linear, non-linear, partial and ordinary differential equations
  2. Recognize and solve homogeneous diff. equations, exact diff. equations, linear diff. equations by using Integrating factors
  3. Identify ordinary and singular points
  4. Find power series solution about ordinary point and a power series solution about singular points
- B.Sc. - (Physics)**

### **Program Specific Outcomes**

1. Identifying and describing physical systems with their professional knowledge.
2. Developing their scientific intuition, ability and techniques to tackle problems either theoretical or experimental in nature.
3. Knowledge of general physics like sound, wave, friction, forces and laws of motion and use of mathematics.
4. Information of electrical current, circuits, construction and their use.
5. Learning about concepts of nuclear physics and nuclear energies and importance of their use for mankind.
6. Knowing about the light and its importance in life, its characteristics, properties and use in various instruments

### **Course Outcomes B.Sc. I Paper I Physics Mechanics, Properties of Matter & Sound**

1. Bending of beams and expression for bending moment
2. Definition of Cantilever and expression for depression and elevation
3. Expression for Young's Modulus by Uniform and Non-Uniform bending
4. Cantilever – derivation for depression and elevation of bending
5. Expression for Young's Modulus by Uniform and Non-Uniform bending

### **B.Sc. I Paper II Physics Heat & Thermodynamics**

1. Use thermodynamic terminology correctly.
2. Explain fundamental thermodynamic properties.
3. Derive and discuss the first and second laws of thermodynamics.
4. Solve problems using the properties and relationships of thermodynamic fluids.
5. Analyze heat & thermodynamic cycles.

### **B.Sc. I Paper III Physics Geometrical & Physical Optics**

1. The candidates should demonstrate fundamental knowledge and insight into geometrical optics in order for
2. The candidate to be able to understand and solve problems related to the eye and optical instruments/lenses.
3. Students should learn function and correction.
4. Knowledge and understanding should be demonstrated in the areas of: (1) refraction at single spherical or plane surfaces, (2) thin lenses, (3) thick lenses

### **B.Sc. I Paper IV Physics Electricity & Magnetism**

After successful completion of this course, students will be able to:

- 1) Understand electric and magnetic fields in matter
- 2) Apply Maxwell's equations to various physical problems
- 3) Calculate EM wave propagation
- 4) Understand radiation, relativistic effects and the processes that produce EM waves from astrophysical objects in space

### **B.Sc. II Paper V Physics Mathematical, Statistical Physics & Relativity B.Sc. II Paper VI Physics**

By the end of this Course students should be able to know about:

1. Use of Cathode ray oscilloscope and functions of its parts.
2. Amplifier and feedback requirements in amplifier circuits.
3. Effects of positive and negative feedbacks.
4. Operational amplifier and their designing.
5. Circuit and properties of UJT and FETs.

### **B.Sc. II Paper VII Physics**

By the end of this Course students should be able to know about:

1. Lenses and various cardinal points.
2. Formation of Images by Newton's formula.
3. Properties of light like interference, diffraction and polarization with theory and experiments.
4. Properties of optical fiber and use in telephone communication.
5. LASERS and applications in various fields.

## **B.Sc. II Paper VIII Physics**

By the end of this Course students should be able to know about:

1. Theory of relativity and its consequence.
2. Wave particle duality and development of new theory.
3. Development of vector atom model and its superiority on various other models.
4. Nuclear energy resources and their importance in modern life.
5. X-rays and their applications.

## **B.Sc. BOTANY Program Specific Outcomes**

1. Identifying different resources helpful for human life.
2. Identifying different groups of plants
3. Acquiring knowledge about inheritance, biochemical and metabolic activities.
4. Development of horticultural skill.
5. Acquiring knowledge about importance of environment.

## **Course Outcomes:**

### **B.Sc. FY (Botany) Diversity of Cryptogams I– (P-I)**

1. Study of cryptogams to understand their Diversity.
2. Know the systematic, morphology and structure of algae, fungi, bryophytes, and Pteridophytes.
3. Know life cycle pattern of cryptogams.
4. Know economic importance of cryptogams.
5. Know evolution of algae, fungi, bryophytes and Pteridophytes.

### **Morphology of Angiosperms – (P-II)**

1. Systematic study of angiosperms.
2. Understand the morphological and reproductive character of spermatophytic plants.
3. Understand economic importance of angiosperms.
4. Understand the diversity among spermatophyte.
5. To bring investigation of palaeobotanical study in India.

### **Diversity of Cryptogams – II (Paper – IV)**

1. Comprehend the diversity of lower cryptogams (Algae, Fungi, Bacteria, Phytoplasmata and viruses).

2. Collection and study of algae, fungi, bacteria from different localities, Identification up to generic level.
3. Recognize the morphology, anatomy , physiology, reproduction and lifecycle pattern.
4. Their diversification and familiarize with various ecological niche.
5. Positive and negative values.

### **Histology, Anatomy and Embryology (P-V)**

1. Use their knowledge and skills in progressive morphological methods.
2. Critically evaluate research results based on the state-of-the-art knowledge of human and animal structures.
3. Perform independent research and critically discuss its results.
4. Publish their own results in research journals with a high impact factor.

### **B. Sc. SY (Botany) Taxonomy of Angiosperms (P-VII)**

1. Understand the diversity of angiosperms.
2. Understand the comparative account among the families of angiosperms.
3. Know the economic importance of the angiosperm plants.
4. Understand the distinguishing features of angiosperm families.

### **Plant Ecology (P-VIII)**

1. Know the scope and importance of the discipline.
2. Understand plant communities and ecological adaptations in plants.
3. Learn about conservation of biodiversity, Nonconventional Energy and Pollution.
4. Discover botanical regions of India and vegetation types of Maharashtra.

### **Gymnosperms and Utilization of plants (P-XI)**

1. Understand Gymnosperms with respect to distinguishing characters, comparison with Angiosperms, economic importance and classification.
2. Understand the life cycles of Pinus and Gnetum.
3. Know the scope of Paleobotany, types of fossils and geological time scale.
4. Understand the various fossil genera representing different fossil groups.

### **Plant Physiology (P-XII)**

1. Know importance and scope of plant physiology.
2. To understand the plants and plant cells in relation to water.

3. Understand the process of photosynthesis in higher plants with particular emphasis on light and dark reactions, C<sub>3</sub> and C<sub>4</sub> pathways.
4. Understand the respiration in higher plants with particular emphasis on aerobic and anaerobic respiration.
5. Learn about the movement of sap and absorption of water in plant body.
6. Understand the plant movements.

### **B. Sc. TY (Botany) Cell Biology and Molecular Biology (P-XV)**

1. To understand the implications of prokaryotic and eukaryotic cell structure and functions from the subject area concepts, theory, experimental, research and healthcare perspectives
2. To gain experience in the techniques and in using instruments that are commonly used to study cells
3. To understand the implications of genes, their structure and functions from the subject area concepts, theory, experimental, research and health-care perspectives
4. To gain a hands-on experience in techniques used in molecular biology and their applications

### **Diversity of Angiosperms – I (P-XVI - A)**

1. Understand the diversity of angiosperms.
2. Understand the comparative account among the families of angiosperms.
3. Know the economic importance of the angiosperm plants.
4. Understand the distinguishing features of angiosperm families.

### **B. Sc. ZOOLOGY Program Specific Outcomes**

1. Improving the knowledge about criteria for animal classification.
2. Study of salient features of chordates and non-chordates.
3. Improving the knowledge of animals about their special adaptations and evolutionary relationship.
4. Scientific study of their nature of habitant with environment.
5. Improving information about external morphology and anatomy of animals including human being.

### **Course Outcomes B. Sc. FY Protozoa to Annelida (P-I)**

1. Introduction about animal kingdom, Protozoa, Parazoa, Metazoa and Major Phyla 2. General Characters, Structure, Life cycle, Pathogenicity, Control, Prevention and treatment of Protozoan Parasites
3. General Characters, Morphology, Different types of cells and canal system in sponges. 4. General Characters, Morphology of obelia colony, development of hydra, polymorphism in coelenterates
5. General Characters of helminthes and different helminthic parasitic diseases, life cycle, pathogenicity and control measures
6. General Characters of Annelida, Morphology, Digestive, Excretory and Reproductive systems of Leech.

### **Cell Biology – (P-II)**

1. General structure of the cell, Structure of Prokaryotic and Eukaryotic cell, cell cycle, Mitosis, Meiosis.
2. To understand Structure and Function of various cell organelles and Cytology and Types of Cancer.
3. To study the different types of Microscopes and Microtechniques in methods in cell biology.

### **Arthropoda to Echinodermata and Protochordata (P-III)**

1. General characters of Arthropoda, Structure, Digestive, Nervous, Reproductive, Respiratory systems of Prawn and Cockroach.
2. General characters of Mollusca, External characters, Respiratory, Circulatory, Nervous and Reproductive systems of Pila.
3. General characters of Echinodermata, Morphology, water vascular system, Reproductive system of Asterias.
4. General characters and classification of Protochordata.

### **Genetics- I (P-V)**

1. To Understand various elements of heredity and variation and Mendel's laws of heredity.
2. To provide knowledge about gene interaction, Epistasis, Supplementary and complementary gene.
3. To understand about Multiple alleles like Coat colours in rabbit and blood group in Man
4. To understand about cytoplasmic inheritance in snail, Male sterility, CO<sub>2</sub> sensitivity in Drosophila and kappa particles in paramecia.
5. Knowledge about sex determination in man and Drosophila, Chromosomal theory, Geneic balance theory, Triploid intersexes, Gynandromorph in drosophila, sex linked inheritance.

### **B. Sc. SY Vertebrate Zoology (P-XI)**

1. Introduction about out line classification, m general characters and affinities of cyclostomata.
2. understand out line classification and general characters of Pisces and the example scoliodon studied with External characters, Digestive system, Respiratory system, Blood vascular system and Nervous system.
3. Outline classification and general characters of Amphibia, Development of Frog Fertilization, cleavage, Blastula, Gastrulation and formation of germinal layers
4. Outline classification and general characters of Reptilia with example Calotes- External features, Respiratory system and Blood vascular system, Poisonous and Nonpoisonous snakes.
5. Outline classification and general characters of Aves, Columba livia- External features, Respiratory system, Embryology of chick, Flight adaptation in Birds, Migration in Birds.

### **Genetics-II (P-VIII)**

1. Knowledge about gene and its expression, Definition, concept and function of gene, Transcription, Translation and Genetic code.
2. To understand population genetics, gene pool, gene frequency, Herdy Weinberg Law.
3. Knowledge about Human Chromosome, Sex linked inheritance, Dizygotic and Monozygotic twins, inborn errors in metabolism, PKU, Genetic disorders.



4. Knowledge about Microbial genetics like transformation, Conjugation and Transduction

5. To understand Genetic Engineering.

### **Animal Physiology (P-XI)**

1. To understand brief introduction of physiology of Digestion.

2. To understand Physiology of Respiration.

3. Knowledge about physiology of circulation.

4. Knowledge about physiology of Excretion.

5. Knowledge about Nerve Physiology, Structure and Synapse.

6. To provide knowledge about Muscle Physiology.

7. To provide knowledge about Reproductive Physiology

### **Biochemistry and Endocrinology (P-XII)**

1. Knowledge about Enzyme, Concept and Nomenclature, Properties, Classification, Mechanism of enzyme action and factor affecting enzyme action.

2. To give the knowledge about definition, Classification and Metabolism of Carbohydrate.

3. knowledge about Definition, Classification, Structure and Metabolism of Protein.

4. Knowledge about Definition, Classification and Metabolism of Lipid.

5. To understand the Vitamin source and deficiency.

### **B. Sc. TY Ecology (P-XV)**

1. Introduction about Definition, Concept, terminology used in ecology.

2. To understand a biotic environmental factors, Effect of Temperature and light on animals, Adaptation to salinity and moisture.

3. Biotic environmental factors- Competition, Predation, Commensalism, Mutualism, Parasitism – definition, Types with examples

4. To study the definition and concept of population, Characteristics, population growth, population regulation.

5. Definition, concept and types of community, Structure and characters of community, Community succession.

6. To understand various ecosystem.

## **Entamology – I (P-XVI)**

1. Introduction about economic Entomology.
2. To understand methods of collection and preservation of insect.

1. Introduction about economic Entomology.
  2. To understand methods of collection and preservation of insect.
  3. To understand systematic position, external morphology, digestive, nervous, reproductive system of Grasshopper
  4. To understand insect orders like Thysanura, Collembella, Lepidoptera, Diptera, Coeloptera, Hymenoptera.
- CO.5. To understand House hold and Human insect pest- Bed bugs, Mosquito, Rat Flea and house fly, Cockroach, Pediculus.

#### Evolution (P-XIX)

1. To introduce the organic evolution and their theories.
2. Description of origin of life and introduction to chemical evolution.
3. To introduce or describe the evidences of organic evolution.
4. Darwinism- Introduction about natural selection theory, Artificial and Sexual selection theory.
5. Describe elemental forces of evolution on genetics base changes.

#### Entamology – II (XX)

1. Introduction about pest- Definition, Types of pest.
2. Study of major crop pest.
3. Study of stored grain pests.
4. Knowledge about control measures of insect pest- Chemical, Biological, Integrated pest management.
5. To study migration of insect.



  
**PRINCIPAL**  
Vasundhara College, Ghatnandur  
No. Ambajogai Dist. Beed 431519