Estd. 20th June, 1991

।। उपर्युपरि तिष्ठेत आदित्य इव तेजसा ।।

Mayani Bhag Shikshan Prasarak Mandal's

ARTS AND COMMERCE COLLEGE, MAYANI

(Affiliated to Shivaji University, Kolhapur)
Tal- Khatav, Dist. Satara (M.S.)- 415 102
Govt. Sanction No: N.G.C.C. 3591-4309 VC-2
email-accollegemayani@rediffmail.com



NAAC Accredited "C" Grade

स्थापना : २० जून, १९९१ मावणी मान शिक्षण प्रसास्क मंडळ. मावणीचे

कला व वाणिज्य महाविद्यालय, मायणी

(शिवाजी विद्यापीठ, कोल्हापूर संलब्नित)

ता. खटाव, जि. सातारा (महाचष्ट्र) ४१५ १०२ शासन मान्यता : एन.जी.सी.सी.३५९१-४३०९ विशी-२ Website : https://acscollegemayani.in

श्री. सुरेंद्र गुदगे



श्री. सुधाकर कुबेर सचिव



डॉ. रायाजीराजे मोकाशी

प्राचार्य

जा.क.

Bachelor of Arts (B.A.) Department of Hindi

Programme Outcomes (POs)



After completing B. A. degree programme, students will be able to:

PO 1: Realize and follow eternal human values.

PO 2: Become a responsible and dutiful citizen.

PO 3: Acquire scientific temperament and ability to think logically.

PO 4: Nurture creativity in arts as well as in day-to-day life.

PO 5: Get well acquainted with the social, economic, political, historical and geographical facts and trends in India as well as in the world.

PO 6: Get acquainted with and respect the common cultural heritage of pluralism and mutual respect.

PO 7: Respect core constitutional values like equality, social justice secularism and scientific approach.

PO 8: Prepare for and qualify all types of competitive examinations after graduation.

PO 9: Take keen interest in language and literature, both regional and global.

PO 10: Acquire basic language skills like listening, speaking, reading and writing.

PO 11: Communicate thoughts and ideas fluently and effectively in formal and informal situations.

Principal

EBejania.

Arts and Commerce College, Mayani, Tal-Khatav, Dist-Satara.

Programme Specific Outcomes (PSOs)

B.A. I Year Hindi Compulsory

PSO1: हिंदी भाषा की विविध बोलियों का ज्ञान विद्यार्थियों को होगा।

PSO2: हिंदी की विविध साहित्य विधाओं का परिचय विद्यार्थियों को होगा।

PSO3: विद्यार्थी सृजनात्मक लेखन कर सकेंगे |

PSO4: विविध विषय के विद्यार्थी आषा के विकास, साहित्य के विकास से विद्यार्थी अवगत होंगे।

PSO5: समाचार, पत्रकारिता, सम्पादन, साक्षात्कार, रिपोर्ताज के ज्ञान से विद्यार्थी अवगत होंगे।

PSO6: आलोचना के स्वरूप, प्रकार महत्व से विदयार्थी में आलोचकीय क्षमता का

आविर्भाव होगा।

PSO7: अनुवाद के स्वरूप, प्रकार, उपयोगिता से विद्यार्थी परिचित होंगे |

PSO8: हिंदी भाषा व साहित्य विषयक संशोधन की जानकारी से विद्यार्थी परिचित होंगे।

PSO9: विदयार्थी हिंदी भाषा के प्रयोग के लिए सक्षम होंगे।

PSO10: यह पाठ्यक्रम सुशिक्षित, संवेदनशील व सृजनशीलता से युक्त विद्यार्थी व

आदर्श नागरिक बनाने में सहायक होगा |

Principal

Arts and Commerce College, Mayani, Tal-Khatav, Dist-Satara.

Course Outcomes (COs)

B.A. I Year Hindi Compulsory

हिंदी) अनिवार्य . (प्रश्नपत्र A -सृजनात्मक लेखन, प्रश्नपत्र B -व्यावहारिक लेखन

CO1: हिंदी भाषा तथा व्याकरण से विद्यार्थी का परिचय हुआ।

CO2: सृजनात्मक लेखन की विविध विधाओं) कविता, कहानी, यात्रावृत, रिपोर्ताज, साक्षात्कार, दृश्य - साहित्य, पत्रकारिता (से विद्यार्थी अवगत हुए ।

CO3: सृजनात्मक लेखन के विविध क्षेत्रों की जानकारी विद्यार्थी को प्राप्त हुई।

CO4: सृजनात्मक लेखन के विविध क्षेत्रों के महत्त्व व उपयोगिता का आकलन विद्यार्थी को हुआ।

CO5: हिंदी के विविध रूपों से विद्यार्थी का परिचय हुआ।

CO6: प्रयोजनमूलक हिंदी का परिचय विद्यार्थी को हुआ।

CO7: पत्राचार का स्वरूप तथा प्रकारों से विद्यार्थी अवगत हुए।

CO8: अनुवाद, विज्ञापन और समाचार लेखन की जानकारी विद्यार्थी को मिली।

CO9: व्यावहारिक लेखन का महत्त्व तथा उपयोगिता समझ विद्यार्थी में आयी।

B A I Year Hindi Optional

साहित्य जगत ,हिंदी गद्य साहित्य प्रश्नपत्र & 1 और2

CO10: छात्रों को साहित्य की विविध विधाओं का परिचय हुआ।

CO11: हिंदी के प्रतिनिधि गद्यकारों एवं कवियों से छात्र प्रभावित हुए।

CO12: हिंदी भाषा के श्रवण, पठन एवं लेखन कौशल छात्रों में विकसित हुआ।

CO13: निबंध, कहानी, रेखाचित्र, एकांकी, रिपोर्ताज, संस्मरण, व्यंग्य आदि विधाओं के माध्यम से छात्रों का भावात्मक विकास हुआ।

CO14: नैतिक मूल्य, राष्ट्रीय मूल्य एवं उत्तरदायित्व के प्रति आस्था छात्रों में निर्माण हुई ।

CO15: राष्ट्र के प्रति प्रेम, राष्ट्रीय ऐक्य स्थापना एवं सामाजिक प्रतिबद्धता छात्रों में जागृत हुई।

CO16: छात्रों की विचार क्षमता तथा कल्पनाशीलता को बढ़ावा मिला।

B A II Year Hindi Optional

प्रश्नपत्र – 3 अस्मितामूलक विमर्श और हिंदी गद्य साहित्य

CO17: कथासाहित्य का परिचय छात्रों को हुआ |

CO18: कथा साहित्य के स्वरूप, तत्व एवं प्रकारों से छात्र अवगत हुए |

CO19: समीक्षा मानदंड के आधार पर कथासाहित्य का आकलन छात्रों को हुआ |



CO20: कथैतर साहित्य का समीक्षात्मक परिचय छात्रों को हुआ।

CO21: कथेतर साहित्य के स्वरुप, तत्व एवं प्रकारों से छात्र अवगत हुए |

CO22: कथा और कथेतर साहित्य की वर्तमान प्रासंगिकता का ज्ञान छात्रों को हुआ।

प्रश्नपत्र 4 हिंदी संतकाव्य तथा राष्ट्रीय काव्य धारा

CO23: हिंदी साहित्य के प्रति छात्रों की रुचि बढ़ी |

CO24: कथा साहित्य की विविध विधाओं का परिचय छात्रों को हुआ।

CO25: मध्यकालीन हिन्दी कवियों के परिचय से छात्र प्रभावित हुये

CO26: नैतिक मूल्य, राष्ट्रीय मूल्य एवं उत्तरदायित्व का परिचय छात्रों को हुआ।

CO27: आधुनिक हिंदी कविता में चित्रित विविध विमर्शों से छात्र अवगत हुए।

CO28: हिन्दी संतकाव्य से छात्रों का परिचय हुआ।

प्रश्नपत्र 5 – रोजगारपरक हिन्दी

)CO29: हिन्दी में कार्य करने की क्षमता, कल्पना एवं रुचि छात्रों में विकसित हुई।

CO30: रोजगारोन्मुख शिक्षा व कौशल का विकास छात्रों में हुआ |

CO31: पत्राचार के स्वरूप का परिचय छात्रों को हुआ।

CO32: हिन्दी भाषा के श्रवण, पठन व लेखन कौशल का निर्माण छात्रों में हुआ |

CO33: व्यावहारिक हिन्दी से परिचय छात्रों का हुआ |

CO34: रोजगारोन्मुख क्षेत्र से छात्रों का परिचय हुआ।

प्रश्नपत्र ६ – अस्मितम् लक विमर्श और हिन्दी पद्य साहित्य

CO35: हिन्दी कवियों से छात्रों का परिचय हुआ।

CO36: हिन्दी भाषा के श्रवण, पठन व लेखन को छात्रों में बढ़ावा मिला।

🖭 O37: हिन्दी साहित्य के प्रति छात्रों की रुचि निर्माण हुई |

CO38: नैतिक म्ल्य, राष्ट्रीय म्ल्य, उत्तरदायित्व के प्रति छात्रों में आस्था निर्माण हुई।

CO39: साहित्य की विविध पद्य विधाओं का परिचय छात्रों को हुआ।

CO40: आधुनिक हिन्दी पद्य में चित्रित विविध विमर्शों से छात्र अवगत हुए |



B A III Year Hindi (Special) प्रश्नपत्र VII & XII – विधा विशेष का अध्ययन

पाठ्यपुस्तक 'दिल्ली ऊंचा सुनती है' (नाटक)-कुसुम कुमार, 'अंतिम साक्ष्य'(उपन्यास)चंद्रकांती

CO41:नाटककार कुसुम कुमार की बहुमुखी प्रतिभा व सहित्य से छात्रों का परिचय हुआ।

CO42:नाटककार कुसुम कुमार की विचारधारा से छात्र प्रभावित ह्ये ।

CO43:नाटककार कुसुम कुमार के निर्धारित ग्रंथ का आलोचनात्मक अध्ययन हुआ।

CO44:नाटककार के रूप में कुसुम कुमार का साहित्यिक स्थान निर्धारित हुआ।

CO45:3पन्यासकार चंद्रकांता की बहुमुखी प्रतिभा से विद्यार्थी परिचित हुए||

CO46:उपन्यासकार चंद्रकांता की विचारधारा से विद्यार्थी प्रभावित हुए।

CO47:उपन्यासकार चंद्रकांता के निर्धारित ग्रंथ का आलोचनात्मक अध्ययन विद्यार्थी ने किया।

CO48 :उपन्यासकार के रूप में चंद्रकांता के का साहित्यिक स्थान निर्धारित हुआ |

प्रश्नपत्र - VIII & XIII - साहित्याशास्त्र

CO49: साहित्य निर्मिति की प्रक्रिया से छात्र ज्ञात हुए।

CO50: साहित्य के विभिन्न अंगों, भेदों से छात्र का परिचय हुआ |

CO51: साहित्य की नवीन विधाओं से छात्र अवगत हुए।

CO52:समीक्षासिद्धान्तों का छात्रों को ज्ञान हुआ |

CO53: साहित्य के तत्वों की जानकारी छात्रों को मिली।

CO54: अलंकारों व छंदों से छात्रों का परिचय हुआ।

ूपश्नपत्र - IX & XIV हिन्दी साहित्य का इतिहास

CO55: हिन्दी भाषा तथा साहित्य से छात्रों का परिचय हुआ।

CO56: हिन्दी साहित्य की विकास यात्रा से छात्र अवगत हुए।

CO57: हिन्दी साहित्य की विकास यात्रा में विब विभिन्न विचारधाराओं व प्रवृत्तियों से छात्र अवगत हुए |

CO58: साहित्य समझने, उसका आस्वादन की दृष्टि विद्यार्थी में आयी |

CO59: साहित्य के संदर्भ में विभिन्न साहित्यिक विधाओं के विकासक्रम की छात्रों को जानकारी मिली।

CO60: युगीन सामाजिक, राजनीतिक परिस्थितियों का परिचय छात्रों को हुआ।

N.G.C.C. 1591-4309 VC-2

प्रश्नपत्र - X & XV प्रयोजनमूलक हिन्दी

CO61: हिन्दी में कार्य करने की रुचि छात्र में विकसित हुई।

CO62: रोजगारोन्मुख शिक्षा व कौशल विकसित हुआ |

CO63: पारिभाषिक शब्दावली से छात्रों को परिचय हुआ |

CO64: सरकारी पत्राचार के स्वरूप की जानकारी छात्रों को मिली।

CO65: जनसंचार व इलेक्ट्रॉनिक माध्यम से छात्र जात हुए |

CO66: अनुवाद स्वरूप, महत्व व उपयोगिता का छात्रों को परिचय हुआ।

CO67: रोजगारपरक हिन्दी की उपयोगिता छात्रों में स्पष्ट हुई।

प्रश्नपत्र - XI & XVI — भाषा विज्ञान और हिन्दी भाषा

CO68: भाषा के विविध रूपों का ज्ञान छात्रों को हुआ।

CO69: हिन्दी व्याकरण से छात्र अवगत हुए।

}CO70: भाषा विज्ञान का सामान्य परिचय छात्रों को प्राप्त हुआ |

CO71: हिन्दी भाषा व लिपि के उद्भव व विकास का ज्ञान छात्रों को हुआ।

CO72: भाषा की शुद्धता के प्रति छात्र जागृत हुए |

CO73: मानक हिन्दी वर्तनी से छात्र अवगत हुए |

CO70: भाषा विज्ञान का सामान्य परिचय छात्रों को प्राप्त हुआ।

Principal

Arts and Commerce College,
Mayani, Tal-Krjatav, Dist-Satara,



Mayani Bhag Shikshan Prasarak Mandal's

माचणी भाग शिक्षण प्रसारक मंडळ, मावणीचे

(Affiliated to Shivaji University, Kolhapur) Tal- Khatav, Dist. Satara (M.S.)- 415 102 Govt. Sanction No : N.G.C.C. 3591-4309 VC-2 email-accollegemayani@rediffmail.com



NAAC Accredited "C" Grade

णेज्य महाविद्यालय, मायणी

(शियाजी विद्यापीठ, कोल्हापुर सलिनत) ता. स्वटाव, जि. सातास (महाराष्ट्र) ४९५ ९०२ शासन मान्यता : एन.जी.सी.सी.३५९१-४३०९ विशी-२

Website: https://acscollegemayani.in

श्री. सुरेंद्र गुदगे चेअरमन



श्री. सुधाकर कुबेर सचिव



डॉ. सवाजीराने मोकाशी प्राचार्य

दिनांक :

MBSP Mansdal's

ARTS AND COMMERCE COLLEGE, MAYANI

Bachelor of Arts (B.A.)

Department of English

Programme Outcomes (POs)

After completion of B. A. degree programme, students will be able to:

PO 1: Realize and follow eternal human values.

PO 2: Become a responsible and dutiful citizen.

PO 3: Acquire scientific temperament and ability to think logically.

PO 4: Nurture creativity in arts as well as in day-to-day life.

PO 5: Get well acquainted with the social, economic, political, historical and geographical facts and trends in India as well as in the world.

PO 6: Get acquainted with and respect the common cultural heritage of pluralism and mutual respect.

PO 7: Respect core constitutional values like equality, social justice secularism and scientific approach.

PO 8: Prepare for and qualify all types of competitive examinations after graduation.

PO 9: Take keen interest in language and literature, both regional and global.

PO 10: Acquire basic language skills like listening, speaking, reading and writing.

PO 11: Communicate thoughts and ideas fluently and effectively in formal and informal situations.

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Programme Specific Outcomes (PSOs)

After completion of B. A. degree programme, students will be able to:

- PSO1: Students should be familiar with representative literary and cultural texts within a significant number of historical, geographical, and cultural Contexts
- PSO2: Students should be able to apply critical and theoretical approaches to the reading and analysis of literary and cultural texts in multiple genres.
- PSO3: Students should be able to identify, analyse, interpret and describe the critical ideas, values, and themes that appear in literary and cultural texts and understand the way these ideas, values, and themes inform and impact culture and society, both now and in the past.
- PSO4: Students should be able to write analytically in a variety of formats, including essays, research papers, reflective writing, and critical reviews of secondary sources.
- PSO5: Students should be able to ethically gather, understand, evaluate and synthesize information from a variety of written and electronic sources.
- PSO6: Students should be able to understand the process of Communicating and interpreting human experiences through literary representation using historical Contexts and disciplinary methodologies.

Arts and Commerce College, Mayani.
Tal- Khatav, Dist. Squara. (M.S.) - 415 102

Course Outcomes (COs)

After completion of B. A. in English, students will be able to:

B. A. I: English Optional Paper I: Modern Indian Writings in English Translation

After the Completion of the Course, the students will be able to:

CO1: Students get familiar with Indian literature in regional languages.

CO2: Students take keen interest in English drama and poetry.

CO3: Students get acquainted with dark Comedy.

CO4: Students read and understand poetry of major Indian English poets.

B. A. I English Optional Paper II: Modern Indian Writings in English Translation

CO5: Students know short story as a minor form of literature.

CO6: Students read and enjoy short stories in regional and English languages.

CO7: Students know the techniques of translation.

CO8: Students take interest in Indian languages.

B. A. II English Optional Paper III - Literature & Cinema:

CO9: Introduce film and its relationship to literature.

CO10: Acquire film literacy through a working knowledge of basic film terminology.

CO11: Develop critical approaches to engage with film adaptations.

CO12: Establish a clear understanding of literature through film adaptations of literary texts.

B. A. II English Optional Paper IV: Partition Literature

CO13: Create an awareness of the partition scenario.

CO14: Explain the hidden human dimensions of the partition.

CO15: Elaborate on the impact of partition on society.

CO16: Analyze the situation of women before & after the partition

B. A. II English Optional Paper V:Literature & Cinema

CO17: Handle the issues and practices of cinematic adaptations.

CO18: Take keen interest in films.

CO19: Know the relation between film and literature.

CO20: Develop love for film studies.

B. A. II English Optional Paper VI - Partition Literature

CO21: Students are acquainted with partition literature in Indian languages

CO22: Develop interest for history book related to partition

CO23: Students watch films based on partition

CO24: Students know the reasons and chronology of partition

B. A. III English Paper VII: Introduction to Literary Criticism

CO25: Develop critical thinking ability

CO26: Enable students to read a piece of literature from critical point of view

CO27: Get acquainted with literary term and trends

CO28: Enable students to take critical and creative pleasure in reading different genre

Paper- VIII Understanding Poetry

CO29: Enable students to understand poetry

CO30: Introduce poetry from traditional to the modern

CO31: Introduce various forms of the poetry

CO32: Enable student to think critically

Paper - IX Understanding Drama

CO33: Enable students to understand drama as a genre of literature

CO34: Enable students to critically appreciate a play

CO35: Introduce different forms of drama

CO36: Improve literary taste

Paper - X English Novel

CO37: Study of the emergence and development of the novel

CO38: Know the background about the popularity of the novel

CO39: Know the factors responsible for rise and development of the novel

CO40: Introduce students to the major aspects of the novel form.

Paper - XI Language and Linguistics

CO41: Know the Concept of Communication.

CO42: Familiar with varieties of the English language.

CO43: Know different levels of study of the English language.

CO44: Know basic units of grammar.

Paper -XII Introduction to Literary Criticism

CO45: Students can write critical essay on given piece of literature

CO46: Students develop taste for extra reading and analysis

CO47: Students write film as well as book review

CO48: Develop critical thinking ability

Paper- XIII Understanding Poetry

CO49: Enable students to improve creative thinking

CO50: Students write poems in English

CO51: Students love reading poetry

CO52: Students write critical appreciation of poems in English

Paper - XIV Understanding Drama

CO53: Enable students to understand drama as a genre of literature

CO54: Enable students to critically appreciate a play

CO55: Introduce different forms of drama

CO56: Improve a literary taste

Paper - XV English Novel

CO57: Study novel as genre of literature.

CO58: Understand literary Contribution of R.K. Narayan in Indian English Literature.

CO59: Comprehend the specific aspects of human nature.

CO60: Develop taste for fiction in regional languages

Paper XVI - Introduction to Modern Linguistics

CO61: Know words and phrases.

CO62: Know and identify elements and types of clauses.

CO63: Know types of sentences.

CO64: Know the different ways of structuring clauses

B. A. I: English for Communication: Paper A

CO65: Know the Concept of Communication

CO66: Familiar with the Communication skills.

CO67: Students will know how to develop vocabulary.

B. A. I: English for Communication: Paper B

CO68: Acquire human values and developed cultured outlook

CO69: Learn to use English in oral and written Communication.

CO70: Learn to appreciate prose and poetry.

B. A. II - English for Communication Paper -C

CO71: Develop oral Communication skills in English.

CO72: Develop written Communication skills in English.

CO73: Equip with the language skills for use in their personal academic and professional life.

B. A. II: English for Communication: Paper D

CO74: Acquire essential employability skills

CO75: Practice both language and soft skills.

CO76: Cultivate broad, human and cultured outlook.

B A III English (c): English for Communication: Paper D

CO77: Communicate in English, in their day-to-day lives as well as at workplaces

CO78: Face job interviews and Confidently efficiently

CO79: Acquire soft skills required at workplaces and in real life

CO80: Learn group behaviour and team work

CO81: Learn to value and respect others' views and develop democratic attitude.

B.A. III English (c): English for Communication: Paper F

CO82: Face Competitive examinations confidently and efficiently with adequate linguistic competence

CO83: Acquire professional skills required in media writing

CO84: Learn to appreciate and enjoy reading poetry and prose passages

CO85: Acquire human values and develop cultured outlook

B.Com. I -English for Business Communication

CO86: Know the concept of Business communication.

CO87: Familiar with the business communication skills.

CO88: Acquire human values and developed cultured outlook.

CO89: Learn to use English in oral and written communication

CO90: Appreciate prose and poetry.

B.Com. II - English for Business Communication: Paper C

CO91: Use English for sales and services

CO92: Develop writing skills

CO93: Draft an individual and committee business report

B. Com. II - English for Business Communication: Paper D

CO94: Skill of summarizing

CO95: Use of English for banking Correspondence

CO96: Use of English for Commercial letter writing.

B. Sc. I English for Communication: Paper A

CO97: Narrate incidents Correctly.

CO98: Describe a person, object or place in English

CO99: Enrich vocabulary and grammar of English

CO100: Understand and appreciate poems.

B. Sc. I English for Communication: Paper B

CO101: Make formal reports

CO102: Summarize the given paragraph.

CO103: Write formal essays

CO104: Communicate using E- mail

B Sc III English for Communication: Paper - C

CO105: Communicate in English, in oral and written modes, in their day-today lives as well as at workplaces

CO106: Face job interviews Confidently and efficiently

CO107: Acquire soft skills required at workplaces and in real life

CO108: Learn group behavior and team work

CO109: Learn to value and respect others' views and develop democratic

Attitude

B Sc. III English for Communication: Paper- D

CO110: Face Competitive examinations Confidently and efficiently with adequate linguistic Competence

CO111: Acquire professional skills required in media writing

CO112: Learn to appreciate and enjoy reading poetry and prose passages

CO113: Acquire human values and develop cultured outlook

Arts and Commerce College, Mayani, Tul- Khutuv, Dist. Satara. (M.S.) - 415 102

स्थापना : २० जून, १९९१

मावणी भान शिक्षण प्रसारक मंडळ, मावणीचे

ARTS AND COMMERCE COLLEge , Mayan

Mayani Bhag Shikshan Prasarak Mandal's

(Affiliated to Shivaji University, Kolhapur)
Tal- Khatav, Dist. Satara (M.S.)- 415 102
Govt. Sanction No: N.G.C.C. 3591-4309 VC-2
email-accollegemayani@rediffmail.com



NAAC Accredited "C" Grade

कला व वाणिज्य महाविद्यालय, मायणी

(शिवाजी विद्यापीठ, कोल्हापूर सलग्नित)

ता • खदाव • जि • साताश (महाराष्ट्र) ४९५ १०२ शासन मान्यता : एन.जी.सी.३५९१-४३०९ विशी-२

Website: https://acscollegemayani.in

श्री. सुरेंद्र गुदगे

चेअरमन



श्री. सुधाकर कुबेर



डॉ. सयाजीराजे मोकाशी प्राचार्य

दिनांक :

Bachelor of Arts (B.A.)

Department of History

Programme Outcomes (POs)

After completing B. A. degree programme, students will be able to:

PO 1: Realize and follow eternal human values.

PO 2: Become a responsible and dutiful citizen.

PO 3: Acquire scientific temperament and ability to think logically.

PO 4: Nurture creativity in arts as well as in day-to-day life.

PO 5: Get well acquainted with the social, economic, political, historical and geographical facts and trends in India as well as in the world.

O 6: Get acquainted with and respect the common cultural heritage of pluralism and mutual respect.

PO 7: Respect core constitutional values like equality, social justice secularism and scientific approach.

PO 8: Prepare for and qualify all types of competitive examinations after graduation.

PO 9: Take keen interest in language and literature, both regional and global.

PO 10: Acquire basic language skills like listening, speaking, reading and writing.

PO 11: Communicate thoughts and ideas fluently and effectively in formal and informal situations.

> Arts and Commerce College, Mayani. Tul- Khatav, Dist. Satara. (M.S.) - 415-102

Programme Specific Outcomes(PSOs)

- After Completion of B.A. in History students will be able to: -
- PSO1: Knowledge of multiple perspectives through which significant developments in the history of the Indian subcontinent from earliest times up to the period after independence.
- PSO2: Familiarity with the significant patterns of development in certain parts of the modem and early modern world as well as certain non-Indian ancient societies.
- PSO3: Ability to carefully read a complex historical narrative, evaluate its deployment of evidence, and understand its argument as well as critically analyze.
- PSO4: Ability to identify patterns of change and continuity with regards to issues of contemporary significance over long durations as well as across diverse geocultural zones
- PSO5: Greater ability to distinguish between that which is historical that is time-place context driven, hence changeable and challengeable.
- PSO6: Sensitivity to gender and social inequities as well as acquaintance with the Historical trajectories of these issues
- PSO7: Capability to assume leadership roles and apply the above mentioned analytical abilities in various other non-familiar contexts
- PSO8: Possess knowledge of the values and beliefs of multiple cultures so as to Effectively engage in a multi cultural society and interact with diverse groups.

Arts and Commerce College, Mayani.
Tal- Khatav, Dist. Spara. (M.S.) - 415 102

Course Outcomes (COs)

B.A.I (Sem.I)

Rise of the Maratha Power (1600-1707) (I) DSE

CO1: To describe fundamentals causes of rise of Maratha power.

CO2: To discuss the Chhatrapati Shivaji Maharaja's achievement till 1664.

CO3: To discuss the Chhatrapati Shivaji Maharaja's achievement till 1680.

CO4: 1600 to 1707 was a period of rapid change in the history of Marathas.

CO5: The course is designed to acquaint the students with the political, socio-economic and religious life of the people during the 1600-1707 period.

CO6: It will educate the students about the policy and contribution of Chhatrapati Shivaji Maharaj.

B.A.I (Sem.II)

Polity, society and Economy under the Marathas (1600-1707) (II) DSE 2

CO7: Describe the forts from multiple viewpoints- as sources of history, as centres of control, as sites of historical events, and as heritage sites.

CO8: To explain history of the rise of Maratha power with main emphasis on life and work of Chhatrapati Shivaji Maharaj.

CO9: The course is also expected to apprise the students with the sacrifices made by Maratha leaders and people to protect freedom and sovereignty of the region.

CO10: Imagine the political, socio-economic and religious life of the people during the 1600-1707 period.

CO11: The Course is designed to acquaint the students with the political, socio-economic and religious life of the people during the 1600-1707 period.

CO12: To explain the policy and contribution of Chhatrapati Shivaji Maharaj.

B.A.II (Sem.III)

History of Modern Maharashtra (1900 to 1960) (III) DSC

13: Explain the beginnings and growth of nationalist consciousness in Maharashtra.

CO14: Explain the contribution of Maharashtra to the national movement

CO15: Give an account of various movements of the peasants, workers, women and backward classes

CO16: Discuss the background and events which led to the formation of separate state of Maharashtra.

CO17: To explain concept of Modern Maharashtra.

CO18: Tell the historical events and transformations which have played an important role in making of modern Maharashtra.

B.A.II (Sem.IV)

- CO19: This was also a period of massive expansion of education as well as social transformation.
- CO20: Tell the students to significant leaders, events and transformations in history of Maharashtra.
- CO21: Explain the contribution of eminent leaders of Maharashtra.
- CO22: To critique the economic transformation of Maharashtra.
- CO23: Recognize the salient features of changes in society.
- CO24: Evaluate the History of Modern Maharashtra during the 1960 to 2000.

B.A.II (Sem.III)

History of India (1757-1857) (IV) DSC

- CO25: Describe the significant events leading to establishment of the rule of East India company.
- CO26: Tell the colonial policy adopted by the company to consolidate its rule in India.
- CO27: Find the structural changes initiated by colonialrule in Indian Economy.
- CO28: Explain the various revolts against rule of the East India Company.
- O29: To define the East India company established and Consolidated its rule in India.
- CO30: To analyze the impact of colonialrule on the Indian Economy.

B.A.II (Sem.IV)

History of India (1858-1947) (VI) DSC

- CO31: Explain the events which lead to the growth of nationalism in India
- CO32: To categorized the major events of the freedom struggle under the leadership of Mahatma Gandhi.
- CO33: Explain the contribution of Revolutionaries, Left Movement and Indian National
 Army
- CO34: Define the concept of communalism and the causes and effects of the partition of India.
- CO35: Identify events leading to emergence of national consciousness in India.
- O36: Described the prolonged struggle launched by the Indian National Congress under the leadership of Mahatma Gandhi.

B.A.II (Sem.III)

Social Reforms in India (IDS) DSC

- CO37: To explain the salient features of prominent socio-religious reform movements.
- CO38: Explain the thought and work of Mahatma Phule for radical transformation of Indian society.
- CO39: Know the measures taken by Rajashri Shah Maharaj for emancipation of lower classes and women.
- CO40: To Critique the thoughts of Ambedkar on the annihilation of the caste system and untouchability in India.
- CO41: To discover the Indian constitution embodies the values of social justice and equality.
- CO42: Discuss the social reforms in India under the British Rule.

B.A.II (Sem.IV)

Social Reforms In Maharashtra (IDS) DSC

CO43: Explain about the beginnings of social reforms in Maharashtra by the Paramhansa Mandali and Prarthana Samaj.

CO44: Classified the contribution of women reformers

CO45: Explain the contribution of Social reformers in the fight for social justice

CO46: Explain the role played by educational reforms in transformation of society.

CO47: Describe the Social reforms in Maharashtra under the British rule.

CO48: Explain the role of Social Reformers of Maharashtra during the Company and British rule in Maharashtra.

B.A.III (Sem.V)

Early India (from beginning to 4th c. BC) VII) DSC

CO49: Evaluate the transition of humans in India from Hunters to Farmers

CO50: Explain the transition from Early to Later Vedic period.

CO51: Categorises the causes for the first and second urbanizations

D52: Discuses the teachings of Gautama Buddha and Vardhamana Mahavira

CO53: Describe the rise and growth of the Mauryan Empire

CO54: Explain the salient features of Ashoka's Dhamma

B.A.III (Sem.VI)

Ancient India (From 4th c. BC to 7th c. AD) (XII) DSC

CO55: To describes the fundamentals of Ancient Indian History.

CO56: Explain the great kings in Ancient India.

CO57: Give the political ,economic and religious developments which took place in early historic India

CO58: Explain the role played by Major Satavahana, Kushana, Gupta and Vakataka Kings

CO59: Give an account of the developments in the Post-Gupta period

CO60: Evaluate the society and culture of Ancient India

B.A.III (Sem.V)

History of Medieval India (1206-1526 AD) (VIII) DSE

CO61: Asses the fundamental changes in polity, society, religion and culture of India.

CO62: To compare historiography on political structures and cultures across different realms of the Rajputs, Delhi Sultanate.

CO63: Describe the different types of historical sources available for writing the history of medieval India.

CO64: Explain the Contribution s of medieval rulers like Allaudin Khilji, Muhammad-bin-Tuqhlaq, Krishnadevraya, and Mahmud Gavan.

CO65: Critique the administration and Economy of the Delhi sultanate and Vijayanagar

Empire.

CO66: Describe the significant developments which took place in religion, society and culture.

B.A.III (Sem.VI)

History of Medieval India (1526-1707 AD) (XIII) DSE

*CO67: Identify the various sources for writing Medieval Indian history

CO68: Explain important developments in religion, society and culture

CO69: Describe the condition of Industry and trade

CO70: To explain the analysis religion and cultural.

CO71: Explain the role of rulers like Babar, Akbar, Chandbibi and Ibrahim Adilshah II

CO72: Categorized the administrative and revenue system

B.A.III (Sem.V)

Age of Revolutions (IX) DSC

CO73: Explain the causes and consequences of the Reformation.

CO74: Discover the role played by Martin Luther.

CO75: Discusses the salient features of the Industrial revolution.

CO76: Describe the account of the American revolution.

CO77: Explain the causes, effects and major events of French Revolution.

CO78: Explain the role of major leaders of the French Revolution

B.A.III (Sem.VI)

Making of the Modern World (16th to 19th Century) (XIV)

CO79: Describe the causes and consequences of the Glorious revolution in England

CO80: Explain the concept of Nationalism and account for its rise and spread.

CO81: Describe the unification of Italy and Germany.

CO82: Identify the rise, growth and impact of Imperialism.

CO83: Explain the significance of the Partition of Africa

CO84: Describe the life and thoughts of important leaders like Metternich, Karl Marx and Abraham Lincoln

B.A.III (Sem.V)

Political History of the Marathas (X) DES-E-230

085: Explain the political condition up to 1740

CO86: To tell the role of Madhavrao, Mahadaji shinde and Nana.

CO87: Describe the role of Agriculture and Industries Trade in economic development.

CO88: To describe the role of cultural development during the period.

CO89: Explain the causes and effects of the Battle of Panipat.

CO90: Prepare the political Condition of the Marathas after 1761.

B.A.III (Sem.VI)

Polity, Economy and Society under the Marathas (XV) DSE

CO91: Describe the various sources for writing the history of the Marathas

CO92: Explain the significant developments in the polity of the Marathas

CO93: Describe the economic conditions

CO94: Explain the social conditions.

CO95: Categorized the economic and social condition prevalent under Maratha rule.

CO96: Introduce the students to the sources of Maratha history.

B.A.III (Sem.V)

History: Its Theory (XI) DSE

CO97: Explain the definition and Scope of the subject of History

CO98: Describe the process of acquiring historical data

CO99: Evaluate the methods of writing history CO100: To determine tools of writing of History.

CO101: Analyze the process of acquiring historical data

CO102: Explain the process of presenting and writing history.

B.A.III (Sem.VI)

Methods and Applications of History (XVI) DSE

CO103: Explain the nature of archival sources

CO104: Define the conceptual clarity about recent trends in history.

CO105: Describe about the application of history in museums.

CO106: Explain the concept and Scope of heritage tourism.

O107: Describe the trends of local and oral history and will know about the tools of local history like Survey, Interview and Questionnaire.

CO108: To the relevance of monumental heritage and its relationship with the discipline of history through the concept of Heritage tourism.

> Arts and Commerce College, Mayani. Tal- Khatav, Dist. Spiara. (M.S.) - 415-102

Mayani Bhag Shikshan Prasarak Mandal's

मावणी भाग शिक्षण प्रसारक मंडळ, मावणीचे

ARTS AND COMMERCE COLLEGE , MAYANI

(Affiliated to Shivaji University, Kolhapur)
Tal- Khatav, Dist. Satara (M.S.)- 415 102
Govt. Sanction No: N.G.C.C. 3591-4309 VC-2
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NAAC Accredited "C" Grade

कला व वाणिज्य महाविद्यालय, मार्यणी

(शिवाजी विद्यापीठ, कोल्हापूर सलम्नित) ता. खटाव, जि. सातास (महाराष्ट्र) ४१५ १०२

स्थापना : २० जून, १९९१

शासन मान्यता : एन.जी.सी.सी.३५९१-४३०९ विश्ती-२ Website : https://acscollegemayani.in

श्री. सुरेंद्र गुदगे

चेअरमन



श्री. सुधाकर कुबेर

साचव



डॉ. रायाजीराने मोकाशी

प्राचार

दिनांक :

Department Of Geography

Bachelor of Arts (B.A.)

Programme Outcomes (POs)

After completing B.A. degree programme, students will be able to:

- PO 1: Realize and follow eternal human values.
- PO 2: Become a responsible and dutiful citizen.
- PO 3: Acquire scientific temperament and ability to think logically.
- PO 4: Nurture creativity in arts as well as in day-to-day life.
- PO 5: Get well acquainted with the social, economic, political, historical and Geographical facts and trends in India as well as in the world.
- PO 6: Get acquainted with and respect the common cultural heritage of pluralism and mutual respect.
- PO 7: Respect core constitutional values like equality, social justice secularism and Scientific approach.
- PO 8: Prepare for and qualify all types of competitive examinations after graduation.
- PO 9: Take keen interest in language and literature, both regional and global.
- PO 10: Acquire basic language skills like listening, speaking, reading and writing.
- PO 11: Communicate thoughts and ideas fluently and effectively in formal and informal situations.

Arts and Commerce College, Mayani.
Tal- Khatay, Dist. Satara, (M.S.) - 41 193

Department of Geography

Bachelor of Arts (B. A.)

Program Specific Outcomes (PSOs)

After graduation the students will be able to -

- PSO 1: Understand the geography as the earth sciences and its importance and Interrelationship and place in other discipline.
- PSO 2: Acquire knowledge of physical geography particularly formation of landform and its Associated processes, world distribution of flora and fauna and their factors, marine resources etc.
- PSO 3: Acquire knowledge on elements and factors affecting on climate and its influence on mankind in a global perspective.
- PSO 4: Understand man-nature relationship and their significance.
- PSO 5: Able to know physical environment and their impact on biotic and non-biotic aspects.
- PSO 6: Handle population data including estimation of population, causes and Consequences of population growth, population theories and population policies.
- PSO 7: Acquire knowledge of statistical data, analyze and interpretation.
- PSO 8: Understand map making and reading.
- PSO 9: Earn knowledge of advance technologies including interpretation of Satellite Imagery, Aerial Photographs, Geographical Information System and Global Positioning System (GPS).

M. B. S. P. Mandal's

Arts and Commerce College, Mayani

Tal- Khatav Dist.-Satara

Department of Geography Course Outcomes (COs):

B. A. I (Geography)

Physical Geography (I)

- CO: 1. To describe fundamentals of Physical Geography.
- CO: 2. To discuss of the Landform formation.
- CO: 3. To illustrate internal forces and external forces
- CO: 4. Rating of landforms originated from forces.
- CO: 5. To compare Landforms on Earth surface.
- CO: 6. To Justify Denudation and Weathering.

Human Geography (II)

- CO: 7. To find out fundamentals of human geography.
- CO: 8. Explain Malthus theory of demographic transition.
- CO: 9. To illustrate human migration.
- CO: 10. To rate settlement.
- CO: 11. To explain functions of urban centers.
- CO: 12. To categorized agriculture as basic activity of human being.

B. A. II (Geography) Soil Geography (III)

- CO: 13. To relates the basics and fundamentals of soil.
- CO: 14. To predict the importance of soil as resource.
- CO: 15. The Categorization of soil formation, development, and properties of soil.
- CO: 16. To Describe Classification, characteristics, and distribution of soil.
- CO: 17. To explain Concept of soil management & its need.
- CO: 18. To identify soil degradation.

Resource Geography (IV)

- CO: 19. To describes the Concept and classification of resources.
- CO: 20. Identify major resources its utilization, distribution and Problems.
- CO: 21. Explanation of sustainable development of resources.
- CO: 22. Priority to human as resource.
- CO: 23. To explain cartographic techniques.

Oceanography (V)

- CO: 24. To describe the fundamentals of oceanography.
- CO: 25. To discuss importance of oceanography.
- CO: 26. To compare the physical and chemical properties of ocean.
- CO: 27. Imagine ocean as key resource.
- CO: 28. To study Application of Hypsographic curve and Wind rose.

· Agriculture Geography (VI)

- CO 29: Describe the concept and development of agriculture.
- CO 30: To explain changing cropping pattern.
- CO 31: To Discuss the Agricultural Revolution.
- CO 32: To explain the modern agriculture.
- CO 33: Use of cartography in Agriculture geography.

B. A. III (Geography) Evolution of Geographical thought (VII)

- CO 34: To describe evolution of Geographical thoughts.
- CO 35: To Compare the paradigms in geography.
- CO 36: To categories schools in geography.
- CO 37: To classify contemporary thoughts in Geography.
- CO 38: To rate the recent trends in geography.

· Geography of India (VIII)

- CO 39: To find out the Physiography of India.
- CO 40: To explain mechanism of monsoon and climatic seasons in India.
- CO 41: To list soil, vegetation, and drainage systems in India.
- CO 42: To illustrate the significance and consequences of agriculture and Industry in Indian Economy.
- CO 43: To justify the economic setup of India.

Population Geography (IX)

- CO44: To define the population geography along with relevance of demographic data.
- CO45: To describes the distribution and trends in population.
- CO 46: To compare growth and development of population in developed and developing countries.
- CO 47: Categories the dynamics of population.
- CO 48: To examine the world Composition of population.
- CO 49: To rate contemporary issues in population Geography.

• Economic Geography of India (X)

- CO 50: Explain basic concepts of Economic Geography.
- CO 51: To identify locational factors of industries.
- CO 52: To complete the determents in Agriculture and Industries.
- CO 53: Trade and transport in economic development.
- CO 54: To compare role of trade and transport in economic development.
- CO 55: To describe the role of manufacturing Industries in economic development.

Urban Geography (XI)

- CO 56: To find out concepts in Urban Geography, urbanization & urban centers.
- CO 57: To classify Urban Settlements, Site and Situations.
- CO 58: Description of urban development and human activities
- CO 59: To determine urban problems.
- CO 60: To design urban plan.

Political Geography (XII)

- CO 61: To describes the fundamentals of Political geography.
- CO 62: Description of theories in political geography.
- CO 63: To justify administrative regions.
- CO 64: To discuss resource Conflicts and politics of displacement.
- CO 65: To prioritize the water and Land disputes.
- CO 66: To classify Concept of State and Nation.

Basics of Map making and map interpretation (XIII (Practical paper I)

- CO 67: To categories Maps, Scale and Projection.
 - CO 68: To identification the landforms.
 - CO 69: To Interpretation of Sing, Symbol, IMD charts and SOI maps.
 - CO 70: Classification of statistical techniques.
 - CO 71: To explain the analysis of landforms.

Advanced Tools and techniques and Field work (XIV) (Practical paper- II)

- CO 72: To find importance of field work and advanced Techniques.
- CO 73: To design field survey.
- CO 74: To discuss Modern tools and techniques in surveying.
- CO 75: Use of GIS Software in cartography.
- CO 76: To outline the field work and excursion.
- CO 77: To Compare Use of GIS, GPS a Remote Sensing. Arts and Commerce Callege, Mayani.

Tul- Khatav, Dist, Satura, (M.S.)

Mayani Bhag Shikshan Prasarak Mandal's

ARTS AND COMMERCE COLLEGE , MAYANI

(Affiliated to Shivaji University, Kolhapur)
Tal- Khatav, Dist. Satara (M.S.)- 415 102
Govt. Sanction No: N.G.C.C. 3591-4309 VC-2
email-accollegemayani@rediffmail.com



NAAC Accredited "C" Grade

माचणी मान शिक्षण प्रसारक मंडळ, माचणीचे

स्थापना : २० जून, १९९१

ा व वाणिज्य महाविद्यालयः, मायणी

(शिवाजी विद्यापीठ, कोल्हापूर सलन्तित) ता. स्वटाव. जि. सातास (महाराष्ट्र) ४९५ १०२

शासन मान्यता : एन.जी.सी.सी.३५९१-४३०९ विशी-२ Website : https://acscollegemayani.in

श्री. सुरेंद्र गुदगे वेअसम



श्री. सुधाकर कुबेर सं^{विव}



डॉ. सयाजीराजे मोकाशी प्राचार्य

दिनांक:

Bachelor of Arts (B.A.)

Department of Economics

Programme Outcomes (POs)

After completing B. A. degree programme, students will be able to:

PO 1: Realize and follow eternal human values.

PO 2: Become a responsible and dutiful citizen.

PO 3: Acquire scientific temperament and ability to think logically.

PO 4: Nurture creativity in arts as well as in day-to-day life.

PO 5: Get well acquainted with the social, economic, political, historical and geographical facts and trends in India as well as in the world.

PO 6: Get acquainted with and respect the common cultural heritage of pluralism and mutual respect.

PO 7: Respect core constitutional values like equality, social justice secularism and scientific approach.

PO 8: Prepare for and qualify all types of competitive examinations after graduation.

PO 9: Take keen interest in language and literature, both regional and global.

PO 10: Acquire basic language skills like listening, speaking, reading and writing.

PO 11: Communicate thoughts and ideas fluently and effectively in formal and informal situations.

Program Specific Outcomes (PSOs)

After Completing the graduation in Economics the student will be able to,

PSO1: Outline basic Concepts of economics.

PSO2: Analyse economic behaviour in practice.

PSO3: Explain the economic way of thinking.

PSO4: Justify historical and current events from an economic perspective.

PSO5: Write clearly expressing an economic point of view.

PSO6: Find alternative approaches to economic problems through exposure to Coursework in allied fields.

PSO7: Create students ability to suggest solutions for various economic problems.

PSO8: Predict growth rate of Primary, Secondary and Service sector of the Economy with help of economic parameters.

Principal

Arts and Commerce College, Mayani.

Tal- Khatav, Dist. Sajara. (M.S.) - 415 102

Course Outcomes (COs)

Economics Course - Indian Economy I

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

- CO1: Explain features of Indian Economy at independence era and structural changes in the Indian Economy.
- CO2: Analyse inclusive growth in Indian Economy with sustainable development.
- CO3: Express his /her own views on poverty and unemployment.
- CO4: Analyse problems of social inequality and rising of Economy, problems and remedies of regional imbalance in India.
- CO5: Explain concept of National Income, Per capita Income and Human Development Index.
- CO6: Identify trend of population growth, impact of population on economic growth and population policy 2000.

Economics Course - Indian Economy II

- CO7: Identify changing role of agriculture in Indian Economy.
- CO8: Outline agricultural productivity, Green Revolution, need of 2nd Green Revolution and agricultural pricing and procurement.
- CO9: Analyse need of industrialization, Industrial Policy since 1991, Problems and prospects of cottage and Small scale Industries and Foreign Investment Policies since 1991.
- CO10: Describe growing importance of service sector, Significance of Banks, financial Institutions and Insurance, Importance of IT1, transport, Communication and tourism.
- CO11: Explain Concept, implementation and impact on Indian Economy of Liberalization, Privatization and Globalization.
- CO12: Remembering recent export promotion policy.

Economics Course - Principles of Macro Economics I

- CO13: Analyse Concept of macroeconomics with definition, nature and Scope.
- CO14: Analyse inclusive growth in Indian Economy with sustainable development.
- CO15: Explain concept of GNP2, NNP3, GDP4, and GDP at market price, Per Capita Income and Disposable Income.
- CO16: Analyse methods of measuring national Income with difficulties and importance.
- CO17: Explicate functions of money and theories of money, Index numbers and its importance.
- CO18: Analyse Say's market law, Keynesian theory of employment, Consumption function, investment function and multiplier.

Economics Course - Money and Banking

- CO19: Analyse functions of Commercial banks, types of banks, investment policy of Commercial banks, process of credit creation and its limitations.
- CO20: Analyse features of bank account, opening, KYC5 and closing account, bankers and customers rights and obligations.
- CO21: Identify History and organizational structure of Reserve Bank of India with functions, monitory policy and credit creation.
- CO22: Explicate bank Ombudsman scheme with meaning, power and duties.

CO23: Analyse process and importance of loan, advantages and disadvantages of bank merge.

CO24: Justify NPA and its causes and remedies.

Economics Course - Principles of Macro Economics II

CO25: Explain inflation with meaning, types, causes, effects and remedies of Controlling inflation.

CO26: Describe trade cycles and its Phases.

CO27: Identify Hawtrey and Schumpeter theory of trade cycles.

CO28: Analyse meaning, nature and Scope of Public Finance with principle of maximum social advantage. As well as taxation and budget.

CO29: Justify public expenditure with meaning and causes of growth of Public expenditure.

CO30: Illustrate public debt, Deficit Financing and Fiscal Policy.

Economics Course - Banks and Financial Markets

CO31: Describe financial system in India. Structure and Importance of Financial System and Features and Structure of Money and Capital Market in India.

CO32: Compare Capital Market and Money market in India with Role of SEBI7.

CO33: Demonstrate Indian Financial Institutions, like Non-Bank Financial Institutions, Loan Companies in India, EXIM Bank and Mutual Funds.

CO34: Analyse Recommendation of the Narasinham Committee of 1991 and 1998.

CO35: Interpret Foreign Direct Investment in banking and Payment Bank with Small Finance Banks.

CO36: Applying E-Banking Service in daily use.

Economics Course - Principles of Micro Economics I (DSE E-71)

CO37: Explain Meaning, Nature and Scope of Micro Economics as well as its importance and limitations.

CO38: Framework economic analysis using economic parameters.

CO39: Express his /her own views about consumer behaviour.

CO40: Deep explain how to fluctuate demand and supply in market.

CO41: Describe various parameters related to demand and supply.

CO42: Explain production theories and cost-benefit analysis of the firm.

Economics Course - Economics of Development (DSE E-72)

CO43: Explain concept of economic development and difference between economic development and growth.

CO44: Explain indicators of economic development, Sustainable and green development.

CO45: Identify underdeveloped economies, characteristics of underdeveloped economies, affecting factors on economic development.

CO46: Illustrate features of economic development and development status of Indian Economy.

CO47: Analyse Recardian classical approach to the development, Myrdal's theory of economic development, Rostow's stages of economic growth and balanced and unbalanced theory of growth. CO48: Build up resources for economic development like Human Capital, Technology, FDI9, Aids etc.

Economics Course - International Economics I (DSE E-73)

CO49: Explain what trade is and trade theories of Ricardian and Hecksher-Ohlin theory of international trade.

CO50: Explain unmistakably importance of international trade and its study, Similarities and dissimilarities in inter-regional and international trade.

CO51: Clarify of gains from International trade and its measurement.

CO52: Analyse how to beCome trade engine of economic growth, terms of trade and factors affecting terms of trade.

CO53: Explain meaning of exchange rate, PPP10 theory, Concept of fixed exchange rate, flexible exchange rate and floating exchange rate.

CO54: Explicate tariffs and quotas, free trade and trade protection policy.

Economics Course - Research Methodology in Economics I (DSE E-74)

CO55: Analyse basic Concept of research and its methodology.

CO56: Explain types of research with meaning and objectives.

CO57: Carry out a literature review, Steps of research, features of good research design and importance of research design.

CO58: Analyse and clarify Concept of hypothesis which is very important for research with Kinds of hypothesis, features of hypothesis and importance of hypothesis.

CO59: Use of methods of data Collection in his/her research.

CO60: Clarify sources of primary and secondary data and importance of data Collection.

Economics Course - History of Economic Thoughts I (DSE E-75)

CO61: Explain basic economic ideas of economist of the world.

CO62: Explain thoughts of classical economist like, Adam Smith's theory of value and canon and taxation, Malthusian theory of population etc.

CO63: Describe economic thoughts of great economist Fredrick List on stages of economic growth.

CO64: Interpret concept of nationalism and theory of protectionism.

CO65: Analyse thoughts of Karl Marks about economic development.

CO66: Manipulate scientific Concept of socialism and materialist, Theory of value, Theory of Surplus value and concept of falling rate of profit.

Economics Course - Principles of Micro Economics II (DSE E-196)

CO67: Identify the market structure.

CO68: Analyse the economic behavior of individual firms and markets

CO69: Explain a firm's profit maximizing strategies under different market conditions.

CO70: Justify the factor pricing.

CO71: Interpret modern theory of rent.

CO72: Comprehension classical and Keynesian theory of interest and risk and uncertainty theory of profit.

Economics Course - Economics of Planning (DSE E-197)

CO73: Illustrate economic planning and its importance in development.

CO74: Analyse development of planning and planning machinery in India.

CO75: Evaluate sectorial performance of the Indian Economy.

CO76: Explain NITI Ayog, need for establishment, organization, objectives and work.

CO77: Identify plan models in Indian plan period.

CO78: Compare and analyse Indian models of economic development.

Economics Course - International Economics II (DSE E-198)

CO79: Illustrate difference between balance of trade and balance of payments.

CO80: Analyse the balance of payments.

CO81: Analyse measures to correct disequilibrium in balance of payments.

CO82: Discuss the various types of foreign capital.

CO83: Compute the trends of Foreign Direct Investment in India.

CO84: Analyse the impact of international institutions on Indian Economy.

Economics Course - Research Methodology in Economics II (DSE E-199)

CO85: Explain the sampling techniques as a method of data Collection.

CO86: Analyse optimum size of sampling.

CO87: Use techniques of data analysis in research.

CO88: Classified the data in tabular form.

CO89: Justify how to write a research report and thesis.

CO90: Clarify how to write a research proposal for grants.

Economics Course - History of Economic Thoughts II (DSE E-200)

CO91: Interpret economic ideas of Alfred Marshall.

CO92: Illustrate views of Mahatma Phule on agriculture and education.

CO93: Analyse views of RajarshiShahuMaharaj on agriculture and Cooperation.

CO94: Explain views of Dr. Babasaheb Ambedkar on money, agriculture and development policy. As well as Drain theory of Dadabhai Nauroji.

CO95: Justify views of Mahatma Gandhi views on village development, Swadeshi and Gram Swarajya.

CO96: Clarify economic thoughts of Gopal Krishna Gokhale, D. R. Gadgil, V. M. Damdekar and Amartya Sen.

Arts and Commerce College, Mayani.
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कला व वाणिज्य महाविद्यालय, माराणी

(शिवाजी विद्यापीठ, कोल्हापूर सकस्मित) ता. रवटाव, जि. सातारा (महाराष्ट्र) ४१५ १०२ शासन मान्यता : एन.जी.सी.३५९१-४३०९ विशी-२ Website : https://acscollegemayani.in

मावणी मान शिक्षण प्रसास्क मंडळ, मावणीचे

श्री. सुरेंद्र मुदगे वेजणान



श्री. सुधाकर कु**बे**र



डॉ. सवाजीराजे मोकाशी प्राचार्व

Bachelor of Science (B.Sc.)

Department of Chemistry

Programme Outcomes (POs)

After completing B.Sc. degree programme, the students will be able to:

PO1: Offer theoretical as well as practical knowledge about different special subject areas.

PO2: Understand the academic field to pursue multi and interdisciplinary science careers in future that include Chemistry, Physics, Botany, Zoology, Mathematics, Microbiology and Computer Science.

PO3: Plan and execute experiments or investigations, analyze and interpret data information collected using appropriate methods.

PO4: Develop scientific temper and attitude which is more beneficial for the society as the scientific developments and make a nation or society to grow at a rapid pace through research.

PO5: Think critically, follow innovations and developments in science and technology.

PO6: Understand the issues of environmental contexts and sustainable development.

PO7: Acquire the skills and ability to engage in independent and life-long learning in the broadest context socio technological changes.

PO8: Demonstrate professional and ethical attitude with enormous responsibility to serve the society. Programme Specific Outcomes (PSOs)

PSO1: Use the knowledge of Chemistry through theory and practical's.

PSO2: Identify the structure-activity relationship.

PSO3: Explain good laboratory practices and safety.

PSO4: Create the research-oriented skills.

PSO5: Use of sophisticated instruments/equipment's.

Course Outcomes (COs)

After completion of these courses students should be able to:

B. Sc. I Semester I

DSC-3A- Chemistry paper I (Inorganic Chemistry)

CO1: Explian the Bohr's theory of hydrogen atom and its limitations, Wave particle quality, Heisenberg uncertainty principle, Quantum numbers and their significance, Shape of s, p and d atomic orbitals.

CO2: Describe a) Aufbau's principle b) Hunds rule of maximum multiplicity c) Pauli's exclusion principle.

CO3: Predict the Periodicity of the elements.

CO4: Relate the Chemical Bonding and Molecular structure

CO5: Discuss Valence bond theory (VBT).

CO6: Compare the Molecular orbital theory (MOT) and Valence bond theory (VBT).

DSC-4A- Chemistry paper II (Organic Chemistry)

CO7: Desribe Curved arrow notations, Cleavage of Bonds: Homolysis and Heterolysis Organicmolecular species: Nucleophiles and electrophiles. Electronic Displacements: Inductive Effect, Electromeric Effect, Resonance and Hyperconjugation effect

CO8: Explain Reactive Intermediates: Generation, Structure, Stability and Reactions of Carbocations, Carbanions and carbon free radicals.

CO9: Predict the Nomenclature of stereoisomers: D and L, erythro and threo, R and S, E and Z.

CO10: Discuss the Aromaticity concept and predict the Aromatic, Non aromatic, Antiaromatic, Pseudoaromatic compounds.

CO11: Relate the Cycloalkanes, cycloalkanes and alkadienes.

CO12:Describe a)Photohalogenation b) Catalytic halogenations c)Catalytic hydrogenation d) Effect of heat e) Reaction with hydrogen halide.

B.Sc. I Semester II

DSC-4B-Chemistry Paper IV (Analytical Chemistry)

CO13: Explain Analytical processes (Qualitative and Quantitative), Methods of analysis (Only classification), Sampling of solids, liquids and gases, Errors, types of errors.

- CO14: Discuss the Basic Principle of Chromatography, Basic terms, Classification of Chromatography.
- CO15: Comparison of paper chromatography and TLC
- CO16: Outline of titrimetric Analysis such as Strong acid-strong base, Strong acid-weak base, Strong base-weak acid, Complexometric titrations.
- CO17: Use and Applications Water Analysis.
- CO18: Explain the Analysis of Fertilizers.

Chemistry-DSC 3B: Chemistry Paper-III (Physical Chemistry)

- CO19: Expalin the First law of thermodynamics, Statements of second law of thermodynamics, Carnot's cycle and its efficiency, Statement of Third Law of thermodynamics
- CO20: Solve the Problem based on thermodynamics
- CO21: Discuss the Concept of standard state and standard enthalpies of formations, integral and differential enthalpies of solution and dilution.
- CO22: Compare between ΔG and ΔGo, Le Chatelier's principle. Relationships between Kp,Kc and Kx for reactions involving ideal gases.
- CO23: Relate Postulates of Kinetic Theory of Gases and derivation of the kinetic gas equation.

Ideal and Non ideal gases.

- CO24: Illustrate Deviation of real gases from ideal behaviour, compressibility factor, causes ofdeviation. Van der Waals equation of state for real gases.
- CO25: Find the Derivation of Zero order reaction, first order reaction, Pseudounimolecularreactions, second order reaction.

B.Sc. Part II (CBCS) Sem III

Paper No. DSC-C3 - Chemistry paper no. V (Physical Chemistry)

- CO26: Discuss Types of conductors, Conductivity, Equivalent and Molar conductivity and Their variation with dilution for weak and strong electrolytes in aqueous solution
- CO27: Illustrate the conductance by using Wheatstone bridge. Kolharausch law of independentmigration of ions and its applications such as Ionic mobility, determination of degree ofionization of weak electrolyte, solubility and solubility products.
- CO28: Describe all Physical Properties of Liquids and Third order reactions, derivation of rateconstant.
- CO29: Explain the Adsorption as a surface phenomenon, Definition of adsorption, adsorbent, adsorbent, absorbent. Factors affecting adsorption, Types of adsorption
- CO30: Compare between physical and chemical adsorption, Adsorption isotherms: Freundlichadsorption isotherm, Langmuir adsorption isotherm.
- CO31: Outline of Types of Nuclear radiation, properties of α, β and γ radiations, Detection andmeasurement of nuclear radiations by Scintillation and Geiger muller counter methods.

Paper No. DSC-C4- Chemistry paper no. VI (Industrial Chemistry)

- CO32: Explain the Basic Concepts in Industrial Chemistry
- CO33: Compare between classical chemistry and industrial chemistry.
- CO34: Find the Normality, Equivalent weight, Molality, Molecular weight, Molarity, Molarity of mixed solution.
- CO35: Describe the method of Size reduction- Principle, Jaw crusher, ball mill, Size

Enlargement Principle, Pellet mill, tumbling agglomerators.

CO36: Discuss the Theory of Corrosion and Elecroplating.

CO37: Use and Manufacturing Paper Industry and Soaps and Detergent

B.Sc. Part II (CBCS) Sem IV

Paper No. DSC-D3- Chemistry paper no. VII (Industrial Chemistry)

CO38:Describe the concept in Co-ordination chemistryCO-39.Compare between double salt and complex salt

CO40:Find the IUPAC nomenclature of coordination compoundsCO-41.Explain the Chelation, classification and its applications. CO-42.Outline of P- Block elements and its characteristics.

CO43: Discuss the Characteristics of d-block elements with special reference to i) Electronic structure ii) Oxidation states, stability of oxidation states of Fe with respective to Latimer diagram iii) Magnetic character iv) Colored ions v) Complex formation.

CO44: Find the Application of complex formation

Paper No. DSC- D4 - Chemistry paper no. VIII (Organic Chemistry)

CO45: Explain the reaction and methods of Preparation of Carboxylic acids and their derivatives.

CO46: Describe the Classification, Nomenclature, structure, Methods of preparation and reactions of Amines and Diazonium Salts.

CO47: Compare the reducing and non-reducing sugars.CO-48.Discuss the Classification of carbohydrates.

CO49: Relate the Reactivity of Carbonyl group and categorize its reactions.

CO50: Outline of Representation of conformations of ethane by using Saw- Horse, Fischer(dotted line wedge) and Newmann's projection formulae and ethane and n-butane byNewmann's Projection formula.

B. Sc III ChemistrySemester-I

After completion of these courses students should be able to;

Paper XI PhysicalChemistry

CO51: Describe Heisenberg Uncertainty Principle, concept of energy operator, particle in one dimensional box.

CO52: Define Quantum theory, explain Schrodinger wave equation, emf measurement and its application.

CO53: Analyze electromagnetic spectrum, Raman Spectra compare and contrast rotational spectra, vibrational spectra, vibrational Raman spectra and rotational Raman spectra ofdiatomic molecule.

CO54: Write Photochemical Law's, reactions and various Photochemical Phenomena.

CO55: Classify solutions, relation vapour pressure temperature relations.

CO56: Compare between electrodes and cells.

Paper IX InorganicChemistry

CO57: Find the meaning of various terms involved in Acids and Bases.

CO58: Describes the shapes of d-orbitals.

CO59: Discuss the Applications of Semiconductor and Superconductors.

CO60: Predict the mechanism involved in Organometallic Chemistry.

CO61: Expalin the homogenous catalysis and heterogeneous catalysis.

CO62: Predict the degeneracy of d-orbitals.

Paper X OrganicChemistry

CO63: Describe the principle of UV Spectroscopy.

CO64: Impart the concept of vibrational Transitional region of IR Spectrum.

CO65: Illustrate the Structure of Unknown Organic compounds.

CO66: Compare between UV and NMR.

CO67: Explain the principle of mass spectroscopy. CO68: Solve the problem based on UV, NMR and IR.

Paper XII Analytical Chemistry

CO69: Explain the Precipitation Techniques.

CO70: Discuss the applictions of organic precipitants.

CO71: Explain the Principle of flame photometry.

CO72: Design the experimental set up for flame photometry.

CO73: Describe the theory of Colorimetry and spectrophotometry.

CO74: Identify the concept of Quality control.

CO75: Categorised the different functional group based on Chromatography.

B. Sc III ChemistrySemester-II

Paper XIII Inorganic Chemistry

CO75: Explain SN 1 and SN 2 reactions for inert and labile complexes.

CO76: Describe the Thermodynamic and Kinetic aspects of metal complexes.

CO77: Discuss the Nuclear reactions and energetic of nuclear reactions.

CO78: Use of Thorium, Uranium and Plutonium in atomic energy.

CO79: Compare between lanthanide and actinides.

CO80: Predict Biological role of alkali and alkaline earth metal ions with special reference to Na+, K+ and Ca²⁺.

Paper No. XIV Organic Chemistry

CO81: Use and application Lithium aluminium hydride LiAlH4, Raney Nickel, Osmium tetraoxide, Selenium dioxide (SeO2), Dicyclohexyl Carbodiimide (DCC), Diazomethane.

CO82: Explain the Diels -Alder reaction, Meerwein -Pondorff-Verley reduction, Hofmann rearrangement, Wittig reaction, Wagner- Meerwein rearrangement, Baeyer Villiger oxidation.

CO83: Discuss the Retrosynthesis of different Molecules.

CO84: Describe Electrophilic addition to >C=C< and -C=C- bonds.

CO85: Solve the problem based on addition reaction.

CO86: Inpart the concept of Anti-Markovnikoff's addition.

CO87: Explain Synthesis and uses of ethambutal, phenobarbitone, isoniazide, benzocaine, Chloramphenicol, paludrine.

CO88: Outline the biogenesis of Alkaloids, Terpenoids.

Chemistry Paper No. XV (Physical Chemistry)

CO89: Discuss Gibbs phase rule, Phase diagram, true and metastable equilibria.

CO90: Compare one component systems and two component systems.
CO91: Describe the concept of Thermodynamics and its applications

CO92: Explain the different State of solid, Laws of crystallography, Weiss indices and Millerindices.

CO93: Solve the Numerical problems based on Derivation of Bragg's equation.

CO94: Predict the Simultaneous reactions such as Opposing reaction, Side reaction, Consecutive reactions, Chain reaction, Explosive reaction.

Paper No. XVI (Industrial Chemistry)

CO95: Discuss Manufacture of cane sugar in India: Extraction of juice, Clarification, Concentration, crystallization, centrifugation and other details of industrial process.

CO96: Explain the Manufacture of Industrial Heavy Chemicals.

CO97: Describe the use, Classification and applications of Synthetic Polymers.

CO98: Categorized the different term involved in nanotechnology.
CO99: Impart the role of Petroleum industry and eco-friendly fuels.

CO100: Identify the concept of Nanotechnology.

Arts and Commerce College, Mayani

Department of Marathi

Course Outcomes (COs)
(C.B.C.S. pattern from June 2018 & N.E.P. pattern from June 2022)

B. A. I (Sem.I)

Marathi (Compulsory) Paper No. : A

Compulsory Generic Elective (CGE -1)

पाठ्यपुस्तक : शब्दसंहिता

- १. परीक्षा व जीवनातील इतर अपयशांवर कशी मात करावी याबद्दलची प्रेरणा विद्यार्थ्यांना मिळते.
- २. टयक्तिमत्त्व संकल्पना, व्यक्तिमत्त्व विकासासाठी आवश्यक घटक व व्यक्तिमत्त्व विकासामधील आषेचे महत्त्व यांचा परिचय होतो. त्याद्वारे व्यक्तिमत्त्व विकासाची संधी मिळते.
- 3. विद्यार्थ्यांमध्ये भाषिक कौशल्यांचा विकास होतो.
- V. Event management skills development.

B. A. I (Sem.II)

Marathi (Compulsory) Paper No. : B

Compulsory Generic Elective (CGE -2)

पाठ्यपुस्तक : शब्दसंहिता

- १. मराठी कवितेच्या विविध प्रवाहंचा परिचय होतो.
- २. विद्यार्थ्यांमध्ये भक्ती, मानवता, निसर्ग संवेदन, सामाजिक प्रश्नांची जाणीव, स्त्रीवाद आदी जीवनमूल्ये रुजवली जातात.
- विद्यार्थ्यामध्ये निबंध लेखन कौशल्याचा विकास होतो.

B. A. I (Sem.I)

Marathi (Optional) Paper No.: I

Discipline Specific Core (DSC -A1)

पाठ्यपुस्तक :अक्षरबंध

- १. ग्रामीण कथा साहित्याचा परिचय होतो.
- २. ग्रामीण संस्कृती व ग्रामजीवनातील समस्यांची जाणीव होते.
- चित्रपट निर्मिती मधील विविध घटकांचा परिचय होतो. त्यामधील रोजगार विषयक संधी समजतात.
- ४. चित्रपट परीक्षण कौशल्य प्राप्त होते.

B. A. I (Sem.II)

Marathi (Optional) Paper No. : II

Discipline Specific Core (DSC -A13)

पाठ्यपुस्तक :अक्षरबंध

- १. समकालीन मराठी कवितेतील सामाजिकतेचे स्वरूप समजते.
- २. वृत्तपत्रीय लेखन, बातमी लेखन कौशल्य पाप्त होते.
- 3. पत्रलेखन, ई-मेल लेखन कौशल्य प्राप्त होते.
- ४. गद्य-पद्य आकलन क्षमता विकसित होते.

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Arts and Commerce College, Mayani

Department of Marathi

Course Outcomes (COs) (C.B.C.S. pattern from June 2019 to April 2023)

> B. A. II (Sem.III) Marathi (Optional) Paper No.: III Discipline Specific Core (DSC - C1)

पाठ्यपुस्तके :

१. काय डेंजर वारा स्टलाय! (नाटक)

२. मराठी आषिक कौशल्ये

- 1. नाटक या वाङ्मय प्रकाराचे स्वरूप विद्यार्थ्यांना समजते.
- नाटकाच्या प्रयोगरूपाचा परिचय होतो.
- 3. जयंत पवार यांच्या नाटकाच्या माध्यमातून महानगरीय जीवनातील समस्यांची जाणीव होते.
- विदयार्थ्यांमध्ये संवाद लेखन काँशल्याचा विकास होतो.

B. A. II (Sem.III) Marathi (Optional) Paper No. : IV Discipline Specific Core (DSC - C2)

पाठ्यपुस्तके : १. काट्यगंध (कविता)

२. मराठी आषिक कौशल्ये

- 1. विद्यार्थ्यांना मराठी काव्याची परंपरा व प्रवाह यांचा परिचय होतो.
- 2. केशवसुत, वसंत बापट, नारायण सुर्वे, वसंत आबाजी डहाके, अजीम नवाज राही, कल्पना दुधाळ या महत्त्वपूर्ण कवींच्या काव्यलेखनाचे स्वरूप व त्यांची वाटचाल यांचा परिचय होतो.
- 3. विद्यार्थ्यामध्ये काव्यलेखन कौशल्य विकसित होते.
- विदयार्थ्यांमध्ये साहित्यविषयक सौंदर्यजाणिवांचा विकास होतो.

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B. A. II (Sem.IV) Marathi (Optional) Paper No. V Discipline Specific Core (DSC - C25)

पाठ्यपुस्तके : १. माती, पंख आणि आकाश (आत्मचरित्र) २. मराठी आषिक कौशल्ये

- विदयार्थ्यांना आत्मचरित्र या वाङ्मय प्रकाराचा परिचय होतो.
- जानेश्वर मुळे यांच्या आत्मचरित्रातून स्पर्धा परीक्षेच्या माध्यमातून मिळविलेल्या यशाची कहाणी समजते.
- स्पर्धा परीक्षांची माहिती व मुलाखतीचे तंत्र समजते.
- 4. विद्यार्थ्यामध्ये आत्मकथन, प्रवास वर्णन, रोजनिशी लेखन विषयक कौशल्य विकसित होते.

B. A. II (Sem.IV)

Marathi (Optional) Paper No. VI

Discipline Specific Core (DSC - C26)

पाठ्यपुस्तके : १. जुगाड (कादंबरी)

२. मराठी आषिक कॉशल्ये

- विद्यार्थ्यांना कादंबरी या वाङ्मय प्रकाराचा परिचय होतो.
- 2. अभियांत्रिकी क्षेत्रातील तरुणांचा संघर्ष व आव्हाने यांची जाणीव होते.
- 3. Team work, Human resources management, Relation development, Human values आदी गोर्ब्टीची जाणीव विकसित होते.
- विद्यार्थ्यामध्ये वृत्तांतलेखन कौशल्याचा विकास होतो.

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Estd. 20th June, 1991

।। उपर्युपरि तिष्ठेत् आदित्व इव तेजमा ।।

Mayani Bhag Shikshan Prasarak Mandal's

ARTS AND COMMERCE COLLEGE , MAYANI

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NAAC Accredited "C" Grade

स्थापना : २० जून, १९९९ मावणी भान शिक्षण प्रसारक मंडळ, मावणीचे

कला व वाणिज्य महाविद्यालय, मायणी

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ताः **च्वटावः, जिः सातास** (महाराष्ट्र) ४९५ १०२ शासन मान्यता : एन.जी.सी.सी.३५९१-४३०९ विशी-२

Website: https://acscollegemayani.in

श्री. सुरेंद्र गुदगे _{चेजसन}

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श्री. सुधाकर कुबेर सचिव



डॉ. स्याजीराजे मोकाशी

दिनांक :

Course Outcomes (Political Science)

B.A. I Sem. I

Paper No.-I Title: Introduction to Political Science

CO1: The Political Science degree furnishes the students with a unique multidisciplinary approach in social sciences and prepares them for further academic study and for careers in the public and the private sector.

CO2: Develop knowledge of theories, concepts, and research methods in humanities and social sciences.

CO3: To identify various approaches to the study of Political science.

CO4: To introduce the student Political theory and the basic concepts regarding Political Science.

CO5: To create awareness about the political processes and the actual functioning of the political system.

CO6: To create awareness about the basic pillars of Public Administration like Organization, Personnel Administration, Financial Administration.

CO7: The course seeks to equip the students with the basic concepts, theories, ideologies and approaches to the study of International Relations.

CO8: Students will be able to have theoretical understanding of major political issues.

CO9: Students are able to analyze various key Concepts in Political science like Rights, Equality, Justice, Liberty etc.

CO10: Understand and follow changes in patterns of political behaviour, ideas and structures. Develop the ability to make logical inferences about social and political issues on the basis of comparative and historical knowledge.

B.A. I Sem. II

Paper No.-II Title: Indian Constitution

CO1: To create awareness about the political processes and the actual functioning of the political system.

CO2: To study in detail the political structure - both constitutional and administrative.

CO3: To study the rights and privileges granted by the constitution.

CO4: To study the unique characteristics of the Indian federal system.

CO5: To motivate the students to critically study the functioning of the constitution.

CO6: To impart awareness about major issues in Indian Political system.

CO7: Students will be able to apply constitutional values in their day-to-day life.

CO8: Students will be able to understand ideological bases of Indian Constitution.

CO9: Students will be able to apply constitutional values in the functioning of governmental institutions at all level.

CO10: Become a responsible citizen well informed in fundamental rights and obligations as well.

B.A. I Sem. III

Paper No: Compulsory Generic Elective -I

CGE Paper I (IDS) Title: Public Administration

CO1: To create awareness about the basic pillars of Public Administration like Organisation, Personnel Administration, Financial Administration.

CO2: To impart knowledge about Planning and its machinery.

CO3: To create awareness about Citizen's defender mechanisms.

CO4: To equip students to find solutions to practical problems which are brought to the agenda of government.

CO5: To familiarize the actual situations of Public Policy formulation.

CO6: To create awareness about the determines of public policy.



Paper No: Compulsory Generic Elective II

CGE paper II (IDS) Title: Public Administration

CO1: Student are able to develop the organizational structure in India

CO2: Student are able to build the delegation of authority chart.

CO3: Student are able to create right staffing pattern.

CO4: Student are able to apply the proper corporate governance structure.

CO5: To familiarize the Indian Administrative Structure and their role in

Development.

CO6: Ability to develop leadership with public vision.



Estd. 20th June, 1991

।। उपर्युपरि तिहेत् आदित्य इव तेजसा ।।

Mayani Bhag Shikshan Prasarak Mandal's

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स्थापना : २० जून, १९९१ मारणी मान भिक्षण प्रसारक मंडळ, मार्चणीचे

कला व वाणिज्य महाविद्यालय, मार्यण

(शिवाजी विद्यापीठ, कोल्हापुर शलमित) ता. स्वटाव, जि. सातास (महाराष्ट्र) ४१५ १०३

शासन मान्यता : एन.जी.सी.सी.३५९९-४३०९ विशी-२ Website: https://acscollegemayani.in.

थी. सरेंद्र गुद्रमे

<u>वेअरमन</u>



श्री. सुधाकर कुबेर सचिव



डॉ. रायाजीराजे मोकाशी प्राचार्य

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N.G.C.C 3594-4309

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दिनांक :

Course Outcomes (Physics)

B.Sc. I Sem. I

Physics Paper I: Mechanics - I (DSC 1A)

CO1: Describe the scalar product and vector product and state properties of it.

CO2: Examine various vector related problems using vector algebra.

CO3: Find the degree and order of any differential equation.

CO4: Examine given second order differential equation and recommend suitable solution for it.

CO5: Restate the Newton's laws of motion and distinction between inertial and noninertial frame of references and illustrate it with routine life experiences.

CO6: Analyse the situation on basis of Newton's laws of motion and suggest solution for it.

CO7: Restate and explain the conservation theorems of linear momentum, angular momentum and energy for a single particle and system of particles.

CO8: Explain the rocket motion and solve related problems.

CO9: Discuss the motion of spherical Shell and solid cylinder rolling down an inclined plane.

B.Sc. I Sem. I

Physics Paper II: Mechanics II (DSC 2A)

CO10: Restate Newton's law of gravitation, Conservation laws for a particle in central force field, Kepler's Law, Applications of Satellite in circular motion, Idea of GPS, Concept of weightlessness.

CO11: Determine speed and period of satellite, acceleration due to gravity at height.

CO12: Assess Kinetic energy, Potential energy, Total energy and their time averages.

CO13: Construct and solve second order differential equations to determine solutions for Simple harmonic motion, damped oscillations and forced oscillations.

CO14: Define Stress, Strain, Young's modulus, modulus of rigidity, Bulk modulus, poisons ratio and state Hooke's law.

CO15: Calculate bending moment of a rod, depression in a cantilever, twisting couple on a cylinder, work done in twisting a wire.

CO16: Determine rigidity modulus for a torsional pendulum, Determine Moment of Inertia of torsional pendulum

CO17: Use seals method to determine Y, \u03c3 and \u03c4.

CO18: Revise Surface tension, Surface energy, Angle of contact, wettability, Applications of Surface tension.

CO19: Inspect relation between surface tension, excess of pressure and radius of curvature.

CO20: Construct experiment to determine surface tension by Jaegers's method.

Physics Laboratory DSC-A Lab: Mechanics

CO21: Use of vernier calliper, screw gauge and travelling microscope to measure length of given objects.

CO22: Determine the Moment of Inertia of disc using auxiliary annular ring a flywheel.

CO23: Determine 'g' by Bar pendulum and Kater' pendulum

CO24: To determine Y of bar by vibration., Y/η of wire by Searls method, modulus of rigidity of wire by torsional oscillations and poisons ratio for rubber using rubber tube.

CO25: Study motion of spring and calculate spring constant and value of g.

Physics Laboratory DSC-B Lab: Electricity and Magnetism.

CO26: Use of multimeter to measure resistance, AC and DC voltages, DC current and checking electrical fuses.

CO27: Compare the capacities of given condensers by De Sautee's method.

CO28: Study the impedance, resonant frequency, quality factor of series LCR circuit.

CO29: Measurement of constants of B. G.

CO30: Determine high resistance by leakage method.

CO31: Verify Thevenin's and Norton's theorem.

CO32: To study Parallel LCR circuit to determine its anti-resonant frequency and quality factor.

CO33: To determine frequency of AC mains by sonometer.

Physics Paper III Electricity and Magnetism I. (DSC B1)

CO34: Apply surface, line, volume integral to vector fields

CO35: State gauss divergence and stokes theorem.

CO36: Derive potential due to point charge.

CO37: Assess electric field from potential

CO38: Derive expression for energy per unit volume in electrostatics

CO39: Illustrate gauss's theorem in electrostatics

CO40: Explain working of parallel plate capacitor completely filled with dielectric.

Physics Paper IV: Electricity And Magnetism-II (DSC B2)

CO41: Relate the concepts of Reactance, Impedance, Admittance, and Susceptance.

CO42: Inspect the LCR series circuit and solve problems related to resonant frequency.

CO43: Analyse the Owen's Bridge and design it as per requirement.

CO44: State the Biota-Savart's law and discuss its applications to straight conductor, circular coil, solenoid carrying current.

CO45: State the Ampere's circuital law and describe the various Magnetic properties of materials.

CO46: Compare the properties of Dia-, para- and ferro-magnetic materials and classify them.

CO47: Restate Faraday's laws of electromagnetic induction, Lenz's law.

CO48: Explain the concept of self-inductance and mutual inductance and solve problems related to it.

CO49: Discuss the Equation of continuity of current and write the Maxwell's equations.

CO50: Explain the electromagnetic wave propagation through vacuum and isotropic dielectric medium.

CO51: Discuss the transverse nature of Electromagnetic waves.



Estd. 20th June, 1991

॥ उपर्युपरि तिष्ठेत् आदित्य इव लेजसा ॥

Mayani Bhag Shikshan Prasarak Mandal's

ARTS AND COMMERCE COLLEGE , MAYANI

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मावणी माज शिक्षण प्रसास्क मंडळ, मावणीचे कला व वाणिज्य महाविद्यालय, मार्चणी

(शिवाजी विद्यापीठ, कोल्हापूर सलमित)

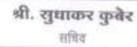
स्थापना : २० जून, १९९१

ता. स्वटाव, जि. सातास (महराष्ट्र) ४१५ १०२ वासन पत्यता : एन.जी.बी.बी.३५९१-४३०९ विशी-२ Website : https://acscollegemayani.in

दिनांक :

थी. सुरेंद्र मुदने वेअस्मन







डॉ. सयाजीराजे मोकाशी

Course Outcomes (Botany)

B.Sc. I Sem. I

Paper No.-I: Biodiversity of Microbes, Algae and Fungi

CO1: Describe the diversity among Bacteria, Viruses and Algae.

CO2: Know the systematic, morphology and structure of Bacteria, Viruses Algae and Fungi.

CO3: Compare the life cycle pattern of Bacteria, Viruses, Algae and Fungi.

CO4: Explain the useful and harmful roles of Bacteria, Viruses, Algae and Fungi.

CO5: Classify algae and fungi according to their systems of classification.

CO6: Interpret uses and economics importance of algae and fungi.

B.Sc. I Sem. I

Paper No.-II: Biodiversity of Archegoniate- Bryophytes, Pteridophytes, Gymnosperms.

CO7: Know the evolution of Bryophytes, Pteridophytes and Gymnosperms.

CO8: Analyze the morphological diversity of Bryophytes, Pteridophytes and Gymnosperms.

CO9: Summarize the economic importance of Bryophytes and Pteridophytes.

CO10: Recognize Gymnosperms with respect to distinguishing characters, comparison with Angiosperms, economic importance and classification.

CO11: Justify life cycle of various forms of Bryophytes, Pteridophytes and Gymnosperms.

CO12: Illustrate the life cycle of Gnetum.



Practical Course I:

CO13: The students should learn various forms of Bacteria.

CO14: To study the morphology and life cycle of Nostoc.

CO15: To study the morphology and life cycle of Spirogyra.

CO16: To study the morphology and life cycle of Mucor.

CO17: To study the morphology and life cycle of Funaria.

CO18: To study the morphology and life cycle of Selaginella.

B.Sc. I Sem. II

Paper III: Plant Ecology

CO19: To study the plant communities and ecological adaptations in plants.

CO20: Classify different ecosystems and their importance.

CO21: Describe the impact of climatic condition for the growth and development of the plant

CO22: Illustrate social approach to biodiversity conservation.

CO23: Discover the Botanical regions of India and vegetation types of Maharashtra.

CO24: Know about Bioremediation, Global Warming and Climate Change.

Paper IV: Plant Taxonomy

CO25: Define plant taxonomy and taxonomic related terminologies.

CO26: Explain classification systems of angiosperms.

CO27: Determine Botanical Nomenclature of angiospermic plant

CO28: Recognize ecological plant groups with examples.

CO29: Explain plant families with example.

CO30: Execute computer knowledge in plant taxonomy and digital herbarium.

CO31: Know modern trends in Taxonomy.

CO32: Know the conceptual development of taxonomy and systematic.

CO33: Develop knowledge about plant nomenclature.



Practical Course II:

CO34: To study of morphological and anatomical adaptations in hydrophyts.

CO35: To study of morphological and anatomical adaptations in Xerophytes.

CO36: To study of morphological and anatomical adaptations in Epiphytes.

CO37: To study of flowering twig morphology - Vegetative characters.

CO38: To study of flowering twig morphology - Floral -/reproductive characters.

CO39: To study of Vegetative and Floral characters of plant families.

B.Sc. II Sem III

Paper V: Embryology of Angiosperms

CO40: Recognize the scope and importance of Embryology.

CO41: Discuss the structure and development in microsporangium and megasporangium.

CO42: Summarize the process of microsporogenesis and megasporogenesis.

CO43: Identify the process of pollination and fertilization.

CO44: Enlightened about the basic structure of the embryo.

CO45: Illustrate the types of microscope, ovules, embryo, seed and endosperm.

Paper VI: Plant Physiology

CO46: Illustration of plant structures in the context of physiological functions of plants.

CO47: They will learn about the growth and development of plants and its regulations.

CO48: They will able to learn the physiological details of photosynthesis.

CO49: They will able to summarize red-ox systems of plants.

CO50: Explain the mechanism and application of photoperiodism.

CO51: Describe the plant growth regulators and their types.

Practical Course III:

CO52: To study of typical flower and its parts

CO53: To study of germination of pollen grains.

CO54: Detection of pollen fertility by staining technique.
CO55: To Study dicotyledon and monocotyledon embryo.

CO56: To study the structure of stomata and determination of stomatal density.



CO57: To study of evolution of oxygen during photosynthesis.

B.Sc. II Sem IV

Paper VII: Plant Anatomy

CO58: Identify the scope and importance of Anatomy.

CO59: To perform the techniques in Anatomy.

CO60: Compare and contrast the connections between plant anatomy and the other disciplines of biology

CO61: Outline and compare structural differences among different taxa of vascular plants.

CO62: Interpret the principles involved in distribution of mechanical tissues.

CO63: Analyze the various components of stem and wood during its secondary growth.

Paper VIII: Plant Metabolism

CO64: Educate about the various metabolic pathways leading to the formation of significant molecules and their catabolism.

CO65: Aware about the vital role of each of the molecules in plants.

CO66: Enrich themselves with the phenomenon of metabolism of primary and secondary metabolites and their role in plants.

CO67: Upgraded in analytical skills and instrumentation.

CO68: Determine factors affecting enzyme activity.

CO69: Demonstrate various physiological and metabolic pathways in plants.

Practical Course IV:

CO70: To study of simple tissues.

CO71: To study of complex tissues.

CO72: Double stained permanent micro preparation of any suitable material.

CO73: To study of anomalous/abnormal secondary growth in Bignonia (Dicot stem).

CO74: Study of anomalous/abnormal secondary growth in Dracaena (Monocot stem).

CO75: Determination of rate of respiration during seed germination by Ganong's respirometer.

CO76: Demonstration of fermentation



Estd. 20th June. 1991

।। सपर्यपरि तिहेत आदित्व इद तेजसा ।।

स्थापना : २० जून, १९९१ मावणी मान शिक्षण प्रसास्क मंडळ, मावणीचे

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NAAC Accredited "C" Grade

कला व वाणिज्य महाविद्यालयः मायणी (शिवाजी विद्यापीठ, कोल्हापुर सलग्नित) ता. खटाव, जि. सातारा (महाराष्ट्र) ४१५ १०२

शासन मान्यता : एन.जी.सी.सी.३५९१-४३०९ विशी-२ Website: https://acscollegemayani.in

श्री. स्रेंद्र मुदमे



थ्री. सुधाकर कुबेर सचिव



डॉ. रायाजीराजे मोकाशी प्राचार्य

दिनांक :

Course Outcomes (Zoology)

B.Sc. I Sem. I

Paper No.-I: Animal Diversity I

CO1: Define terms related to classification of animals and kingdom Protista with suitable example, locomotion in protozoa

CO2: Outline the names of protozoan. Tapeworm and ascaris, to illustrate their life cycles and pathogenicity.

CO3: Demonstrate the structure and functions of spicule of sponges and Classify the sponges on the basis of their skeleton.

CO4: Explain the canal system of sycon and its functions.

CO5: Classify with phylum coelenterate and its class with suitable example, Explain the polymorphism

CO6: To compare the phylum annelida, Mollusca, Arthropoda and Echinodermata with suitable example

B.Sc. I Sem. I

Paper No.-II: Animal Physiology

CO7: To study structure of neuron, origin of action potential membrane and its mechanism. Ultrastructure of muscle and its mechanism

CO8: Explain the digestion in alimentary canal. Its role of absorption in carbohydrates, protein and lipid.

CO9: Illustrate the mechanism of pulmonary ventilation and transport of gases

CO10: To analyse the structure of nephron and to understand the mechanism of urine formation

CO11: To generalize structure of heart and conduction of cardiac impulse

CO12: To justify the composition of blood and cardiac cycle.

B.Sc. I Sem. II

Paper III: Cell Biology and Evolutionary Biology

CO13: Define the terms related to cell structure and diversity

CO14: Describe the structure of nucleus and nucleolus and its role

CO15: To illustrate the morphology of chromosome and organization of nucleolus.

CO16: To study major events of life history and introduction of evolutionary theories

CO17: To compare the ultrastructure of GC, ER, lysosome, Mitochondria and Plasma membrane and its function.

CO18: To justify the fossils and role of extinction and its dating of fossils

B.Sc. I Sem. II

Paper IV: Genetics

CO19: Define different terminology of the genetics. Describe the concepts of Genetics, gene interaction, lethal genes, euploidy, aneuploidy, sex-linked inheritance and principles of inheritance.

CO20: Explain and differentiate between multiple alleles and multiple genes. Explain the pattern of inheritance of complementary, supplementary, inhibitory and duplicate factors.

CO21: Execute the crosses of sex-linked inheritance, In heritance of blood groups, monohybrid cross, dihybridcross and the testeross.

CO22: Differentiate the autosomes and sex chromosomes, euchromatin and heterochromatin

CO23: Describe types of mutation and its role of human being

CO24: To determine theory of sex determination and its example

B.Sc. II Sem. III

Paper V Animal Diversity -II

CO25: Identify the Protochordates and describe classification of protochordates with suitable example CO26: Explain the division agnatha with classify cyclostomes with suitable example

CO27: Describe characteristics of Pisces, amphibia and mechanism of respiration in fish

CO28: To distinguish between poisonous and non-poisonous snake

CO29: To compare the digestive and respiratory system of Aves

CO30: To specify the classification and circulatory system of mammals

B.Sc. I Sem. III

Paper VI: Biochemistry

CO31: Describe and discuss the basic concept Nucleic acid and structure of DNA and RNA

CO32: Explain Glycolysis, Krebs Cycle, Pentose phosphate pathway, Gluconeogenesis, Glycogenolysis, Review of electron transport chain. CO33: To illustrate the biosynthesis of lipid metabolism with Beta oxidation

CO34: Differentiate between Transamination, Deamination and Urea Cycle

CO35: To specify the classification of enzyme with suitable example

CO36: To assess mechanism of action, Enzyme Kinetics, Inhibition and Regulation. Isoenzymes, Co-enzymes and Co-factors.

B.Sc. I Sem. IV

Paper VII: Reproductive biology

CO37: Outline and histological structure of female reproductive system in rat and human; Ovary: folliculogenesis, ovulation, corpus luteum formation and regression; Steroidogenesis and secretion of ovarian hormones.

CO38: Describe histology of male reproductive system of human

CO39: To compare hormonal regulation of male and female reproductive system

CO40: Assisted Reproductive Technology: sex selection, sperm banks, frozen embryos, in vitro fertilization, ET, EFT, IUT, ZIFT, GIFT, ICSI, PROST

CO41 To specify the Modern contraceptive technologies CO42: To determine the male and female reproductive systems





B.Sc. I Sem. IV

Paper VIII: Applied Zoology I

CO43: Define host and host parasite relationship with suitable example

CO44: To describe Transmission, Prevention and control of diseases: Tuberculosis,

Typhoid CO45: To compare Rickettsia prowazekii, Borrelia recurrentis and Treponema pallidum

CO46: Summarize various types of insects and economic importance

CO47: Explain the biology of Helicoverpa armigera, Pyrilla perpusilla and Papilio demoleus, Callosobruchus chinensis, Sitophilus oryzae and Tribolium castaneum

Zoology Practical I

CO48: Identify the birds on the basis of beak and feet. Discriminate, poisonous and non-poisonous snakes with the help of identification

CO49: Classify the vertebrates, reptiles, Aves, mammals

CO50: Demonstrate brain of fowl.

CO51: Estimation of total protein in given solutions by Lowry's method/ Quantitative estimation of amino acids by using Ninhydrin reaction.

CO52: Assess the effect of Temperature, pH and salinity of activity of salivary amylase.

CO53: To DNA isolation from plant/animal

Zoology Practical II

CO54: Outline of set up and maintenance of animal house, breeding techniques, care of normal and experimental animals.

CO55: Explain the principles of surgery in endocrinology. Ovariectomy, hysterectorny, castration and vasectomy in rats

CO56: To compare histological slides of testis, epididymis and accessory glands of male reproductive systems; Sections of ovary, fallopian tube, uterus (proliferative and secretory stages), cervix and vagina.

CO57: To examine of Sperm count and sperm motility in rat/ Any mammal.