



Daulat Vishwastha Sanstha's

YASHWANTRAO CHAVAN MAHAVIDYALAYA, HALKARNI

Tal - Chandgad, Dist - Kolhapur, Maharashtra - 416 552

Affiliated to Shivaji University, Kolhapur, NAAC 'A' with CGPA 3.08

Shri. Vishal G. Patil
Secretary

Shri. Sanjay R. Patil
Vice-Chairman

Shri. Ashokrao P. Jadhav
Chairman

Principal: Prof. (Dr.) B. D. Ajalkar (M.Sc., Ph.D.)

CRITERION II - TEACHING- LEARNING AND EVALUATION

Key Indicator - 2.6 Student Performance and Learning Outcomes

2.6.1 Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Programme outcomes

- Bachelor of Arts
- Bachelor of Science
- Bachelor of Commerce
- Bachelor of Computer Applications



Course outcomes

- Marathi
- Hindi
- English
- Sociology
- History
- Economics
- Geography

- Psychology
- Physics
- Chemistry
- Botany
- Zoology
- Mathematics
- Statistics
- Computer Science
- Accountancy
- Management

Short-term / Value added/ Certificate Courses

- Soil Analysis in western region of Chandgad Taluka
- Short term course on Basics of computer and Electronic components
- Journalism
- Hindi Grammar
- Tally Accounting
- Communicative English
- Medicinal Plants
- Basic Statistics using 'R software'
- Personality development
- Banking Studies
- Embroidery
- Conservation of Forts
- Prevention of Sexual harassment at work place
- Short term course in Sericulture
- Vedic Mathematics
- Self grooming



E-mail – yccggvp89@gmail.com

Phone No.- 02320-239375, 76

Estd. 1989

Daulat Vishwastha Sanstha's

YASHWANTRAO CHAVAN MAHAVIDYALAYA, HALKARNI

Tal – Chandgad, Dist – Kolhapur, Maharashtra – 416 552

Affiliated to Shivaji University, Kolhapur, NAAC 'A' with CGPA 3.08

Shri. Vishal G. Patil
Secretary

Shri. Sanjay R. Patil
Vice-Chairman

Shri. Ashokrao P. Jadhav
Chairman

Principal: **Prof. (Dr.) B. D. Ajalkar (M.Sc., Ph.D.)**

Programme outcomes



Estd. 1969

Daulat Vishwastha Sanstha's

YASHWANTRAO CHAVAN MAHAVIDYALAYA, HALKARNI

Tal – Chandgad, Dist – Kolhapur, Maharashtra – 416 552

Affiliated to Shivaji University, Kolhapur, NAAC 'A' with CGPA 3.08



Shri. Vishal G. Patil
Secretary

Shri. Sanjay R. Patil
Vice-Chairman

Shri. Ashokrao P. Jadhav
Chairman

Principal: Prof. (Dr.) B. D. Ajalkar (M.Sc., Ph.D.)

Programme Outcomes

After successful completion of three year degree program in Arts, Commerce & Science students are able to;

B. A.

1. The students acquire knowledge in the field of Social Sciences, Literature and Humanities which make them sensitive and sensible enough.
2. The B.A graduates will be acquainted with the Social, Economical, Historical, Geographical tradition and thinking.
3. The programme also empowers the graduates to appear for various competitive examinations or choose the post graduate programme of their choice.
4. The B.A. programme enables the students to acquire the knowledge with human values framing.
5. Programme provides the base to be the responsible citizen.
6. Creating interest in basic Knowledge and major Knowledge in literature.
7. Developing reading, writing, speaking and listening skills in language.



B. Com.

1. The B.Com graduates would be able to acquire basic and fundamental knowledge with skills for doing business and commercial activities of their choice.
2. The programme also empowers the graduates to appear for various competitive examinations or to choose a profession of their choice such as CA , CS, ICWA, MBA, M.Com etc.
3. The programme enables the students to acquire the accounting knowledge, management principles, retail training, banking and insurance transactions, business economics and financial management.
4. The students also acquire knowledge in the field of management accounting, corporate accounting statistical and mathematical techniques.
5. The students become capable of doing a business of their choice or choosing a profession or can become employees having basic knowledge and skill required for such activities.
6. Developing skills of computation of income, submission of income tax returns.

B. Sc.

- 1 Inculcating for scientific thinking and awareness and getting an ability to use necessary current techniques, skills, and modern tools.
2. Developing scientific intuition, ability and techniques to tackle problems either theoretical or experimental in nature.
3. Communicate concepts, designs, and solutions of scientific activities effectively and professionally with society at large.
4. Getting job opportunities in various industrial sectors, institution etc.
5. Develop scientific temper among students





B.C.A Department
2023-2024

Program outcome

PO 1: Apply mathematics and computing fundamental and domain concepts to find out the solution of defined problems and requirements. (Computational Knowledge)

PO 2: Use fundamental principle of Mathematics and Computing to identify, formulate Research literature for solving complex problems, reaching appropriate solutions. (Problem Analysis)

PO 3: Understand to design, analyse and develop solutions and evaluate system component or processes to meet specific need for local, regional and global public health, societal, cultural, and environmental systems. (Design/Development of Solutions)

PO 4: Use expertise research-based knowledge and methods including skills for analysis and development of information to reach valid conclusions. (Conduct Investigations of Complex Computing Problems)

PO 5: Use expertise research-based knowledge and methods including skills for analysis and development of information to reach valid conclusions. (Conduct Investigations of Complex Computing Problems)

PO 6: Exhibiting ethics for regulations, responsibilities and norms in professional computing practices. (Professional Ethics)

PO 7: Enlighten knowledge to enhance understanding and building research, strategies in independent learning for continual development as computer applications professional. (Lifelong Learning)

PO 8: Establishing strategies in developing and implementing ideas in multi- disciplinary environments using computing and management skills as a member or leader in a team.(Project Management and Finance)

PO 9: Contribute to progressive community and society in comprehending computing Activities by writing effective reports, designing documentation, making effective Presentation, and understand instructions. (Communication Efficacy)

PO 10: Gain confidence for self and continuous learning to improve knowledge and Competence as a member or leader of a team. (Individual and Teamwork)

HEAD

E-mail – yccgevp89@gmail.com

Phone No.- 02320-239375, 76

Estd. 1989



Daulat Vishwastha Sanstha's

YASHWANTRAO CHAVAN MAHAVIDYALAYA, HALKARNI

Tal – Chandgad, Dist – Kolhapur, Maharashtra – 416 552

Affiliated to Shivaji University, Kolhapur, NAAC 'A' with CGPA 3.08

Shri. Vishal G. Patil
Secretary

Shri. Sanjay R. Patil
Vice-Chairman

Shri. Ashokrao P. Jadhav
Chairman

Principal: Prof. (Dr.) B. D. Ajalkar (M.Sc., Ph.D.)

Course outcomes



Estd. 1989



Daulat Vishwastha Sanstha's

YASHWANTRAO CHAVAN MAHAVIDYALAYA, HALKARNI

Tal – Chandgad, Dist – Kolhapur, Maharashtra – 416 552

Affiliated to Shivaji University, Kolhapur, NAAC 'A' with CGPA 3.08

Shri. Vishal G. Patil
Secretary

Shri. Sanjay R. Patil
Vice-Chairman

Shri. Ashokrao P. Jadhav
Chairman

Principal: Prof. (Dr.) B. D. Ajalkar (M.Sc., Ph.D.)

CRITERION II – TEACHING- LEARNING AND EVALUATION

Key Indicator - 2.6 Student Performance and Learning Outcomes

2.6.1 Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Programme outcomes

- Bachelor of Arts
- Bachelor of Science
- Bachelor of Commerce
- Bachelor of Computer Applications

Course outcomes

- Marathi
- Hindi
- English
- Sociology
- History
- Economics
- Geography





- Psychology
- Physics
- Chemistry
- Botany
- Zoology
- Mathematics
- Statistics
- Computer Science
- Accountancy
- Management

Short-term / Value added/ Certificate Courses

- Soil Analysis in western region of Chandgad Taluka
- Short term course on Basics of computer and Electronic components
- Journalism
- Hindi Grammar
- Tally Accounting
- Communicative English
- Medicinal Plants
- Basic Statistics using 'R software'
- Personality development
- Banking Studies
- Embroidery
- Conservation of Forts
- Prevention of Sexual harassment at work place
- Short term course in Sericulture
- Vedic Mathematics
- Self Grooming

Daulat Vishwastha Sanstha's
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal. Chandgad, Dist. Kolhapur, Maharashtra: 416552
Affiliated to Shivaji University, Kolhapur (NAAC Accredited 'A')

Marathi Department : Course Outcomes
Academic Year: 2023-24



B A I Marathi Compulsory Paper A and B (Shabasanhita)

1. Developed a personality by language.
2. Wrote an essay, Bio-data, vote of thanks, welcome note and short address to meeting.
3. They knew Tradition of Marathi Poetry.

B A I Marathi Optional: Paper I (Aksharbandh)

Paper II (Baki Sarva Thik Ahe)

1. Students are richer by known tradition and introduction of Marathi Literature.
2. They knows types of writing in Marathi i.e. Short story, Poems etc.
3. They become interested in stories and poems.

B A II Marathi Paper III & V (Prose)

Devbhabali (Play) Chandanath Bhijaycha.... (Creative)

1. Student got ideas of plot of play, dialogues of play.
2. Understand the dialogues of Sant Tukaram and Rukamai.
3. To develop reading and creative writing skills.

B A II Marathi Paper IV (Poetry) & Paper No VI (Novel)

Pakshanche Lakshya Thave... (Poetry) and Bangarwadi (Novel)

1. There are best knowledge of Marathi Poetry and novel.
2. Students learned the poetry based on rural themes.
3. Created of poem (Geet) on experience, situation and write a report
4. Student understood the Realistic Picture of Rural society.

B A III Marathi Paper No. VII & XII Sahitvichar (Criticism)

1. Students got knowledge of epic tradition of *sanskrit* and marathicriticism.
2. Introduction of marathi poetry alliteration.



B A III Marathi Paper No. VIII & XIII Marathi Bhasha Va Bhashavidnyan (Linguistics)

1. Students got knowledge of marathi languages and its origin of periods of marathi language.
2. Students knew, functions of language, semantics, phonetics and grammar

B A III Marathi Paper No. IX & XIV

Madyavugin Marathi Vagmayacha Itihas (History of Marathi Literature)

1. Students got Basic introduction of Marathi Literature in middle i. e. 1300 to 1800
2. Student got knowledge of the Marathi sant-poem, pandit-poem, tant-poem.

BA III Marathi Paper No. X & XV

Marathi Bhasha va Arthanjanacha Sandhi (Marathi : Applied & creative Writing)

1. Student learned the domain of discourse of Marathi language which can be used in different fields. ex.: Creative writing, media, journalism etc.
2. Students also got acquainted with formal marathi language used in official transactions.

B A III Marathi Paper No. XI

Vangmaya prawahanche Adhyan (Madhayugin) (Learning of Literary Streams)

1. Student understood the Mahanubhv Sampradya of middle era in marathi.
2. Students also learned literature through the edited book of BoS

**B A III Marathi Paper No. XVI Vangmaya prawahanche Adhyan (Lalit)
(Learning of Literary Streams)**

1. Student understood the realistic picture of lalit Prose (Personalities)
2. Students also learned *Lalit* literature through the edited book of BoS

COURSE OUTCOMES

2023-2024



After the completion of course students will be able to:

SR. NO	CLASS & SUBJECT	SEM & PAPER NO	TITLE of THE PAPER & OUTCOMES
1.	B.A. I English Compulsory	SEM I Paper A	<i>Ability Enhancement Compulsory Course:</i> 1. The students developed a fair understanding of communication skills like narration, description, etc. 2. The study of prose and poems has created an awareness of human values among students. 3. The language competency of the students has been effectively developed. (This course is mandatory to all students)
		SEM II Paper B	<i>Ability Enhancement Compulsory Course:</i> 1. The students got a fair understanding of communication skills like making enquiries, telephonic conversation, etc. 2. The study of prose and poems has created an awareness of human values among students. 3. The students became linguistically competent. (This course is mandatory to all students)
2	BA I Optional English Paper I (DSC A-15)	Sem. I Paper- I	Modern Indian Writing in Translation (CBCS): 1. Students got acquainted with Modern Indian Regional Literature, translated in English Language. 2. Students have understood Short Story as a minor form of Literature. 3. Students learnt masterpieces of Indian short stories, translated into English language.
	BA I Optional English Paper I (DSC A-15)	Sem. I Paper- II	Modern Indian Writing in Translation (CBCS): 1. Students understood, Marathi play Mahanirvan, translated in English as The Dread Departure. 2. Students have properly understood the translated poetry, of Rabindranath Tagore, GajananMuktibodh and Amrita Pritam. 3. Students have developed literary attitude. 4. The curricular helped to develop literary competencies among students.



3	B.A. II Eng. Comp.	SEM III Paper C	Ability Enhancement Compulsory Course (AECC) (CBCS/NEP): 1. The curriculum enabled the students to develop communication skills in English, both oral and written. 2. Students developed the language skills that will be useful in their personal, academic and professional lives. 2. To develop the students essential employability skills. 3. Helped the students to enter the job market with confidence and work effectively. 4. Helped the students to learn and practise both language and soft skills. 5. Helped students for their active involvement in teaching- learning process. 6. Helped the students to cultivate a broad, human and cultured outlook.
		SEM IV Paper D	Ability Enhancement Compulsory Course (AECC) (CBCS/NEP) 1. The curriculum enabled the students to develop communication skills in English, both oral and written. 2. Students developed the language skills that will be useful in their personal, academic and professional lives. 1. To develop the students essential employability skills. 2. Helped the students to enter the job market with confidence and work effectively. 3. Helped the students to learn and practise both language and soft skills. 4. Helped students for their active involvement in teaching- learning process. 5. Helped the students to cultivate a broad, human and cultured outlook
4	B.Sc. I Eng. Comp.	SEM I Paper A	Compulsory English : 1. The students became competent in the four communicative skills. 2. Helped the students to acquire various sub-skills for better communication 3.



			Enhanced the students' ability to use language effectively 4. It has created awareness about the socio-political issues of the period and provoked them to assess it critically. 5. Motivated the students to find various solutions in their personal as well as social life (This course is mandatory for all students)
		SEM II Paper B	Compulsory English : 1. The students became competent in the four communicative skills. 2. Helped the students to acquire various sub-skills for better communication 3. Enhanced the students' ability to use language effectively 4. It has created awareness about the socio-political issues of the period and provoked them to assess it critically. 5. Motivated the students to find various solutions in their personal as well as social life (This course is mandatory for all students)
5	B.com I. English Compulsory Ability Enhancement Compulsory Course NEP	Sem: I Paper- A	English Compulsory (NEP) 1. It helped the students being well acquainted with communication skills, inculcate human values among the students through prose and poems and improve the language and business competence of the students. 2. Students have understood the prose and poetry and its moral teachings through the various writers contributions. 3. It created an awareness of literature among students. 4. Students have identified the significance of Literature in the human life. 5. Students have acquired the knowledge of English Language 6. Students got acquainted with the vocabulary and its significant use in the English language. 7. They learnt the use English Language in commerce and business field. 8. Students have developed the writing skills of English Language.



	B.com I. English Compulsory Ability Enhancement Compulsory Course NEP	Sem II Paper -B	English Compulsory (NEP) 1. It helped the students being well acquainted with communication skills, inculcate human values among the students through prose and poems and improve the language and business competence of the students. 2. Students have understood the prose and poetry and its moral teachings through the various writers contributions. 3. It created an awareness of literature among students. 4. Students have identified the significance of Literature in the human life. 5. Students have acquired the knowledge of English Language. 6. Students got acquainted with the vocabulary and its significant use in the English language. 7. They learnt the use of English Language in commerce and business fields. 8. Students have developed the writing skills of English Language..
6	B.com II English Compulsory Ability Enhancement Compulsory Course (CBCS/NEP)	Sem III Paper- C	English Compulsory (CBCS/NEP) 1. Students have understood the literature and its purpose. They came to know about prose, poetry and other forms. 2. They understood the various ways of communication and its methods that are essential. 3. They developed language competence after studying the course, and learnt the human values in the course. 4. The students got a fair understanding of the skills required in business communication like Sales and Services, Banking, Report Writing.
	B.com II English Compulsory Ability Enhancement Compulsory Course (CBCS/NEP)	Sem IV Paper- D	English Compulsory (CBCS/NEP) 1. Students have understood the importance of E-Communication in the business world. 2. Students have learnt the significance of the English language in competitive Examination. 3. Students have also got acquainted the study of English in the business world. 4. They come across with the literature and its various major forms 5. They have learnt the English language with importance of it in the Competitive exams. 6. Students also got the knowledge of literature with the relation to various authors and their writings.



7	B.A. II English optional	SEM III Paper III	Discipline Specific Core (DSC-C 5) Literature and Cinema (CBCS/NEP): 1. Introduction of film and its relationship to literature to the students. 2. Acquisition of film literacy through a working knowledge of basic film technology. 3. Development critical approaches to engage with film adaptation. 4. Establishment of a clear understanding of literature through film adaptation of literary texts. 5. Introduction of the issues and practices of cinematic adaptations to the students.
8	B.A. II English optional (DSC C-6 and C-30)	SEM III Paper IV	Discipline Specific Core (DSC-C 6) Partition Literature (CBCS/NEP): 1. Students got understood the great historical event of partition that divided the united Hindustan into India & Pakistan. They also understood the causes & effects of partition. 2. Students understood Kushwant Singh's masterpiece novel on Partition, Train to Pakistan.
9	B.A. II English optional	SEM IV Paper V	Discipline Specific Core (DSC-C 29) Literature and Cinema (CBCS/NEP): 1. Introduction of film and its relationship to literature to the students. 2. Acquisition of film literacy through a working knowledge of basic film technology. 3. Development critical approaches to engage with film adaptation. 4. Establishment of a clear understanding of literature through film adaptation of literary texts. 5. Introduction of the issues and practices of cinematic adaptations to the students.
10	B.A. II English optional (DSC C-6 and C-30)	SEM IV Paper VI	Discipline Specific Core (DSC-C 30) Partition Literature (CBCS/NEP): 1. The prescribed short stories, based on the partition helped students to understand the horrible effects of the partition on innocent men and women. 2. The Partition resulted horrible exploitation of minority by the hands of majority.



11	B.A. III Eng. Comp.	SEM V Paper E	English For Communication 1. Introduced the students various skills of communication 2. Helped the students to acquire various sub skills for better communication 3. Enhanced the students' ability to use language effectively 4. Created awareness about the socio-political issues of the period and provoked them to assess it critically 5. Motivated the students to find various solutions in their personal as well as social life (This course is mandatory to all students)
		SEM VI Paper F	English For Communication 1. Introduced the students various skills of communication 2. Helped the students to acquire various sub skills for better communication 3. Enhanced the students' ability to use language effectively 4. Created awareness about the socio-political issues of the period and provoked them to assess it critically 5. Motivated the students to find various solutions in their personal as well as social life (This course is mandatory to all students)
12	B.A. III Eng. Optional	SEM V Paper VII	Literary Criticism And Appreciation 1. Introduced with major trends in literary criticism 2. Familiarized with major critical concepts 3. Acquainted with various critical movements 4. Trained to write critical appreciation of the poetry.
		SEM VI Paper XII	Introduction to Literary Criticism 1. Introduced with major trends in literary criticism 2. Familiarized with major critical concepts 3. Acquainted with various critical movements 4. Trained to write critical appreciation of the poetry.
13	B.A III Understanding Poetry	Sem V Paper -VIII	English Poetry 1. Students understood the Poetry as a one of major forms of literature. 2. Students understood the various sub- types of the poetry like Sonnet, Ballad, Song, Ode and Elegy. 3. Students have got acquainted with the Elizabethan, Romantic, Victorian, Indian, Modern, Post-Modern poets and their poems 4. They learnt the master pieces of Sir Philip



			Sidney, William Shakespeare, Marlowe, William Wordsworth, George Herbert, John Donne etc.
	B.A III Understandin g Poetry	Sem VI Paper -XIII	English Poetry 1. Students came across the Indian writing in English. 2. They got acquainted with the Modern Indian English poetry that represents the India and its culture, with special reference to the Muhammad Iqbal, C L Khatri, ImtiazDharkar and Shiv K. Kumar. 3. Students got the knowledge of culture, tradition and developed taste and interest in creation of poetry.
14	B.A III Understandin g Drama	Sem V Paper -IX	English Drama 1. Students were acquainted with the Drama, as major form of literature. They also learnt its main and sub-types, tragedy & comedy form. 2. They got familiarized with the golden age of English Drama- the Elizabethan Drama and the glorious contribution of William Shakespeare. 3. They as well got familiarity with Problem play as the type of drama.
	B.A III Understandin g Drama	SEM VI Paper -XIV	English Drama 1. They also learnt Indian Drama in English and the American Drama, through The Bravely Fought the Queen by Mahesh Dattani and The Glass Menagerie by Tennessee Williams. 2. The students study drama as the major form of literature thoroughly. 3. They were highly impressed by the drama of Mahesh Dattani, Tennessee Williams and William Shakespeare.
15	B.A.III Understandi ng Novel	SEM V Paper X	English Novel 1. Students acquainted with specific types of Ennglishnovel. 2. They learnt the trans-fiction theory. 3. Students' understood spiritual quest of three protagonists in Anita desai' novel Journey To Ithaca.
16	B.A. III Understandi ng Novel	SEM VI Paper XV	English Novel 1. Students learnt the myseries of agrarian society in SadanandDeshmukh's Marathi novel Baromas translated into English. 2. Students acquainted with apartheid system in South Africa 3. They studied J. M. Coetzee's novel Disgrace

17	B A III	SEM V Paper XI	Language and Linguistics 1. Students became grammatically sound. 2. Students learnt Received Pronunciation through Phonetic symbols, developed by International Phonetics Association. They learnt Speech Mechanism, phonetic transcription phonetic reading. 3. Students came to know the process of word formation and analysis of words morphologically.
18	B.A.III Structure and Function of Modern English	SEM VI Paper XVI	Language and Linguistics 1. Students learnt Received Pronunciation through Phonetic symbols, developed by International Phonetics Association. They learnt Speech Mechanism, phonetic transcription phonetic reading. Students came to know the process of word formation and analysis of words morphologically



HINDI DEPARTMENT

COURSE OUTCOMES 2023-24

Sr. No	Class & Subject	Sem & Paper No	Title of the Paper & Outcomes
1	B.A.I (Comp Hindi)	Sem I Paper A	Hindi (Comp) सृजनात्मक लेखन i) Developed the sound personality of student through prominent Hindi Literature. ii) Created the relation of Hindi Literature with other well known regional literature. iii) Developed Hindi Language Reading Writing capabilities in students and essay story.
	B.A.I (Comp Hindi)	Sem II Paper B	Hindi (Comp) सृजनात्मक लेखन iv) Sketched to develop emotional development of students through these genres, v) Spreaded the national language of national love national income among students to promote the imagination of students, explain the importance of values in students.
2	B.A.I (Opt Hindi)	Sem I Paper I	Hindi (Opt) साहित्य जगत हिंदी कविता i) Created the awareness of Hindi, in non-Hindi regional people. ii) Inspired the students to speak Hindi iii) Motivated the students to develop the National Integration through Hindi Language.
	B.A.I (Opt Hindi)	Sem II Paper II	Hindi (Opt) साहित्य जगत हिंदी कविता iv) Increased interest in Hindi Literature to students and to introduce students to various genres of Hindi Literature. v) Introduced both the rights and representative of Hindi to Students
3	B.A.II (Opt Hindi)	Sem III Paper III	Hindi (Opt) अभिज्ञातमूलक विमर्ष और हिंदी साहित्य i) Enabled the students to acquire Hindi communication skills. ii) Strengthened them in basic skills of Hindi listening, speaking reading and writing. iii) Strengthened the student's to face challenges in job for languages.





Sr. No	Class & Subject	Sem & Paper No	Title of the Paper & Outcomes
	B.A.II (Opt Hindi)	Sem IV Paper V	Hindi (Opt) अस्मितामूलक विमर्ष और हिंदी साहित्य iv) Explained the differences of poetry in the period of saint literature. v) Encouraged students to speak and read.
4	B.A.II (Opt Hindi)	Sem. III Paper IV	Hindi (Opt) संतकाव्य तथा राष्ट्रीय काव्यधारा i) Defused the knowledge of Hindi Literature, Criticism and Linguistics. ii) Introduced modern Hindi poetry introducing. iii) Introduced Saint poetry. iv) Hindi speaking provides positive vision to students. v) Introduced modern literature of Hindi.
	B.A.II (Opt Hindi)	Sem. IV Paper VI	Hindi (Opt) संतकाव्य तथा राष्ट्रीय काव्यधारा iv) Hindi speaking provides positive vision to students. v) Introduced modern literature of Hindi.
5	B.A.III (Hindi Spl.)	Sem. V Paper VII	VIDHA VISHESHA KA ADHYAYAN विधा विशेष का अध्ययन i) Strengthened the students t face challenges in job for languages. ii) Study of a particular novel and novelist, Introducing the elemental nature of the novel and autobiography, iii) Creating the personality and work of the novelist,
	B.A.III (Hindi Spl.)	Sem. VI Paper XII	VIDHA VISHESHA KA ADHYAYAN विधा विशेष का अध्ययन iv) Explaining the importance of the particular composition, and increasing the ability to evaluate the composition, v) Informing the relevance of the novel. vi) Establish national unity and to create gender equality.



No	Class & Subject	Sem & Paper No	Title of the Paper & Outcomes
	B.A.III (Hindi Spl.)	Sem. V Paper VIII	SAHITYA SHASTRA साहित्यशास्त्र i) Created confidence, Manners, Etiquettes among the student's. ii) Sahitya-shastra strengthened to develop gracious iii) Introduce various parts of poetry,
	B.A.III (Hindi Spl.)	Sem. VI Paper XIII	SAHITYA SHASTRA साहित्यशास्त्र iv) Developed the vision of literature review. v) Introduced Indian and western review principles to introduce systems of criticism.
7	B.A.III (Hindi Spl.)	Sem. V Paper IX	HISTORY OF HINDI LITERATURE हिंदी साहित्य का इतिहास i) Introduced beginning period of Hindi literature, ii) Introduced bhaktikaal of poets. iii) Introduced the Ritikalin Poets. iv) Introduced the period of Modern Hindi literature,
	B.A.III (Hindi Spl.)	Sem. VI Paper XIV	HISTORY OF HINDI LITERATURE हिंदी साहित्य का इतिहास i) Introduced beginning period of Hindi literature, ii) Introduced bhaktikaal of poets. iii) Introduced the Ritikalin Poets. iv) Introduced the period of Modern Hindi literature,
8	B.A.III (Hindi Spl.)	Sem. V Paper X	PRAYOJANMULAK HINDI प्रयोजनमूलक हिंदी i) Introduced purpose-oriented Hindi ii) Introduced various sources of introduction iii) Introduced mass media. iv) Introduced Importance of translation to explain the importance of Hindi language in office correspondence bank practice
	B.A.III (Hindi Spl.)	Sem. VI Paper XV	PRAYOJANMULAK HINDI प्रयोजनमूलक हिंदी i) Introduced purpose-oriented Hindi ii) Introduced various sources of introduction iii) Introduced mass media. iv) Introduced Importance of translation to explain the importance of Hindi language in office correspondence bank practice

Sr. No	Class & Subject	Sem & Paper No	Title of the Paper & Outcomes
9	B.A.III (Hindi Spl.)	Sem. V Pape XI	BHASHAVIDNYA & HINDI LANGUAGE भाषा विज्ञान और हिंदी भाषा ii) Introduced various forms of linguistics and Hindi language, ii) Introduced general introduction of linguistics, ii) Introduced the development and development of Hindi language and script.
	B.A.III (Hindi Spl.)	Sem. VI Pape XVI	BHASHAVIDNYA & HINDI LANGUAGE भाषा विज्ञान और हिंदी भाषा ii) Awakened the students about the correctness of the language familiar ii) Awakened the students of standard Hindi spelling and grammar
10			

[Signature]
HEAD

Department of Hindi
Yashwantrao Chavan Mahavidyalaya, Halkarni
Chandgaon, Dist. Kolhapur 416 002



[Signature]
प्राचार्य
शशवंतराव चव्हाण महाविद्यालय
हलकर्णी, ता. चंदगाव,
कोल्हापूर-४१६ ५५२

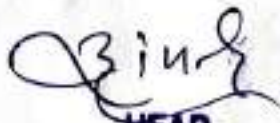
YASHWANTRAO CHAVAN COLLEGE, Halkarni

HINDI DEPARTMENT



OBJECTIVES -

- To create the awareness of HINDI, in non-Hindi regional people.
- To inspire the students to speak Hindi
- To motivate the students to develop the National Integration through Hindi language.
- To develop the sound personality of students through prominent Hindi literature.
- To create the relation of Hindi literature with other well known regional literature
- To strengthen the student's to face challenges in job for languages.
- To enable the students to acquire Hindi communication skills.
- To strengthen them in basic skills of Hindi listening, speaking, reading and writing.
- To diffuse the knowledge of Hindi Literature, Criticism and Linguistics.
- To create confidence, Manners, Etiquettes among the students.


HEAD

Department of Hindi
Yashwantrao Chavan Mahavidyalaya Halkarni
Tal. Chandgad, Dist. Kolhapur 416 552


PRINCIPAL

Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur. Pin-416 552

Daulat Vishwastha Sanstha's

Yashwantrao Chavan Mahavidyalaya.Halkarni.

Tal.Chandgad.Dist.Kolhapur.416552

Academic Year 2023-2024

Department of History

COURSE OUTCOMES



Class : B.A.I

Paper : I Semester I (Rise of Maratha Power)

After studying the course student will be able to.....

- Co 1. Emphasized the history of Maratha power.
- Co. 2. Students got deep knowledge about the background of the rise of Maratha Power.
- Co 3 Emphasized the life and works of Chh. Shivaji Maharaj with special reference to Maratha history.
- Co. 4 Students understood the qualities of Chh. Shivaji Maharaja & also get inspiration by studying Chh.Sambhaji,Chh.Rajaram & Maharani Tarabai.
- Co. 5 Students were introduced with the sources of Maratha History.

Class : B.A.I

Paper : II Semester II (Polity, Society and Economy under the Marathas (1600-1707))

- Co.1. Students were introduced with the Fort ,Naval policy Also with the Military & Judiciary Policy of Chh. Shivaji Maharaja.
- Co.2 Students got detailed information about Economy ,Agriculture, Trade & Industries during Maratha power.
- Co.3 Students get acquainted with the socio-economic, political, religious changes in the Maratha history.
- Co.4 Students were introduced with the Historian Of the Maratha History.

Class; B A II Sem III

Paper III (History of Modern Maharashtra [1900-1960])

After studying the course student will be able to....

- Co.1. Critically studied the rise & growth of Nationalism.
- Co.2. Studied role of Maharashtra in the National Movement.
- Co.3. Studied deeply social movements.
- Co.4. Critically studied Samyukta Maharashtra movements



Class; B A II Sem III

Paper IV (Modern India [1757-1857])

- Co. 1. Understand the History of Modern India.
- Co. 2. Understand Establishment of company rule in India.
- Co. 3. Study the Colonial policy in India.
- Co.4. Analyzed various movements in India

Class; B A II Sem IV

Paper V (History of Modern Maharashtra [1960-2000])

- Co.1. Critically studied the Political parties with their leaders.
- Co.2. Studied agricultural & Industrial developments & Natural disasters.
- Co.3. Students were made aware about Social Movements.
- Co.4. Students developed educationally.

Class; B A II Sem IV

Paper VI (Modern India [1757-1857])

- Co.1. Introduced Modern Indian History.
- Co.2.. Gave information about the devotion of M.Gandhi For India.
- Co.3.. Study various Revolutionary movement & other Movement

Class; B A III Sem V

Paper VII (Early India (From beginning to 4th BC))

- Co. 1. Understand the transition of Human in India from hunters to Farmers.
- Co. 2 .Explain the transition from Early to later Vedic period.

Class; B A III Sem V

Paper XI (History : It's Theory)



- Co.1. Understand the definition and scope of the History.
 - Co.2. Know the process of acquiring historical data.
 - Co.3. Explain the process of presenting and writing history.
 - Co.4 Understand the methods of writing History
-

Class; B A III Sem VI

Paper XII (Ancient India (From 4th c. B.C to 7th c. A.D)

- Co.1. Know the political, Economic & religious developments which took place in early historic India.
 - Co.2. Explain the role played by major Satvahana, Kushan, Gupta and Vakatak Kings
 - Co.3. Give an account of the developments in Post- Gupta period.
 - Co.4. Have an informed opinion about the society and culture of Ancient India.
-

Class; B A III Sem VI

Paper XIII (History of Medieval India[1526 to 1707 AD])

- Co.1.Know about various sources for writing Medieval History.
 - Co.2.Explain the role of rulers like Babar, Akbar,Chandbibbi and Ibrahim Adilshah II
 - Co.3.Gain knowledge about the administrative and revenue system.
 - Co.4.Described the condition of Industry & Trade.
 - Co.5.Explain important developments in religion, society and culture.
-

Class; B A III Sem VI

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

- Co.1. Know the causes and consequences of the Glorious revolution in England.
- Co.2. Explain the concept of Nationalism and account for its rise and spread.
- Co.3 .Describe the unification of Italy and Germany.
- Co.4. Give an account of the rise ,growth and impact of Imperialism.
- Co.5. Explain the significance of the Partition of Africa.
- Co.6 .Know the life and thoughts of important leaders like Metternich,Karl Marx and



Class; B A III Sem VI

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

- Co.1. Know the various sources for writing the history of the Marathas.
 - Co.2. Explain the significant developments in the polity of the Marathas.
 - Co.3 .Describe the Economic condition.
 - Co.4. Explain the social condition.
-

Class; B A III Sem VI

Paper XVI (Methods and Application of History)

- Co.1. Understand the nature of Archival sources.
 - Co.2. Gain conceptual clarity about recent trends in history.
 - Co.3. Know about the application of history in Museums.
 - Co.4. Explain the concept and scope of heritage tourism.
-

COURSE OUTCOMES



Class: B. A. : I Semester : I

Paper No. : I

Paper Name: Introduction To Sociology

1. Attainment of understanding the nature of sociology and social institution among the students.
2. Understanding the various layers of social interaction and social structure.

Class: B. A. : I Semester : II

Paper No. : II

Paper Name: Applied Sociology

1. Attainment of awareness about culture and socialization.
2. Understanding of theoretical approaches in sociology.

Class: B. A. : II Semester : III

Paper No. : III

Paper Name: Social Issues in India

1. Understanding of nature, classification of social issues.
2. Understanding socio- cultural issues.
3. Attainment of knowledge regarding socio-legal issues.

Class: B. A. : II Semester : III

Paper No. : IV

Paper Name: Social Movements in India

1. Understanding social movements.
2. To be understood Peasant, Dalit and Tribal Movements.

Class: B. A. : II Semester : IV

Paper No. : V

Paper Name: Gender and Violence

1. To provide and understanding of the logic of violence.
2. To create awareness of forms of violence.
3. To equip the students with a sociologically informed basis for making pragmatic, ethical and effect to choices while resisting or intervening in the context of gendered violence.

Class: B. A. : II Semester : IV
Paper No. : VI
Paper Name: Sociology of Health



1. Understanding the students to the sociology of health, illness and medical practice by highlighting the significance of social culture dimensions in the construction of illness and medical knowledge.
2. To be developed theoretical perspectives to examine the dynamics shaping these construction among students. _

Class: B. A. : III Semester : V
Paper No. : VII
Paper Name: Western Sociological Thinkers

1. Discussed on difference between August Comte's social statistics and social Dynamic.
2. Understood the concept of authority –Max Webber
3. Found out the causes and types of Emile Durkheim's concept of suicide.

Class: B. A. : III Semester : V
Paper No. : VIII
Paper Name: Methods of Social Research

1. Understood the concept of research.
2. Collected data of the types of social research.
3. Imbibe the skill of research.

Class: B. A. : III Semester : V
Paper No. : IX
Paper Name: Political Sociology

1. Understood the nature, importance of Political Sociology.
2. Understood the political processes and institutions in India.
3. Understood the theoretical approaches and perspective of Political Sociology.

Class: B. A. : III Semester : V

Paper No. : X

Paper Name: Human Rights



1. Understood the information about Human Rights.
2. Understood the nature & role of human rights in India.
3. Understood the contribute to the resolution of human rights issues and problems.

Class: B. A. : III Semester : V

Paper No. : XI

Paper Name: Sociology of Religion

1. Understood the concept of Religion of Sociology.
2. Understood the symbolize the development of knowledge in the field of sociology of Religion.
3. Discussed on religion and social change.

Class: B. A. : III Semester : VI

Paper No. : XII

Paper Name: Indian Sociological Thinkers

1. Understanding the characteristics and dynamics of the social world.
2. Appreciating the relevance and limits of contemporary theories or theoretical approaches make sense of social reality.
3. Understanding the basic methodological approaches of the Indian thinkers.

Class: B. A. : III Semester : VI

Paper No. : XIII

Paper Name: Methods of Social Research

1. Students are introduced to the concept of conducting research; reach each inclusive of formulating research design, method and analysis of dada. Knowledge of elementary statistics is also provided to the students to acquaint them with quantification of data.
2. Through the competing theoretical perspectives and methodologies, students are able to understand that social reality is multi- faceted, heterogeneous and dynamic in nature.

Class: B. A. : III Semester : VI
Paper No. : XIV
Paper Name: Social Anthropology



1. Understood the concept of anthropology.
2. Understood the social aspects of Indian tribes.
3. Discussed on tribal marriage system._

Class: B. A. : III Semester : VI
Paper No. : XV
Paper Name: Rural Sociology

1. Understood the importance of rural society.
2. Understood the concept of basic and development of rural society.
3. Understood the types of rural village._

Class: B. A. : III Semester : VI
Paper No. : XVI
Paper Name: Urban Sociology

1. Students are provided concepts understanding about Urban Sociology.
2. Understanding the modern context the idea of urbanism and urban space and the intersection in these of institutions, processes and identities.
3. Understood the learn about key urban processes such as migration, displacement and urban slums as well as critical contemporary issues.

Head
Department of Sociology

Principal

Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552.

PAB

Daulat Vishwasth Sanstha's
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal. Chandgad, Dist. Kolhapur

DEPARTMENT OF PHYSICS

Course Taught: B.Sc.



Course Outcomes

Class: B.Sc. I (CBCS NEP pattern)
Paper No. : I
Paper Name: Mechanics-I

Semester : I
Course Code: DSC A1

- Students are able to understand and identify scalar and vector physical quantities in mechanics.
- Students are able to understand and apply vector algebraic methods to elementary exercises in mechanics.
- Students are able to understand and identify degree and order of given differential equations.
- Students are able to solve second order, homogenous ordinary differential equations in mechanics.
- Students are able to understand the conceptual evolution of conservation laws of momentum and energy for both single and system of particle.
- Students are able to understand and apply basic concepts of rotational motion.
- In general, students are capable of correlating above concepts and methods in mechanics to both theoretical and experimental domains revealing analytical as well as numerical skills.

Class: B.Sc. I (CBCS NEP pattern)
Paper No. : II
Paper Name: Mechanics-II

Semester : I
Course Code: DSC A2

- Students are able to understand and apply Newtons Law of Gravitation to celestial objects.
- Students are able to understand geometry of planetary orbits under the action of central force.
- Students are able to solve numerical problems based on Kepler's Laws of planetary motion.
- Students are able to understand simple concepts like weightlessness, Geosynchronous satellite and GPS.
- Students are able to setup differential equation for simple harmonic motion and its allied cases.



- Students are able to calculate time averages of KE, PE and TE.
- Students are able to revise basic concepts such as stress, strain and elastic constants of elasticity.
- Students are able to derive elastic constants for beam supported at both ends and at one end.
- Students are able to derive elastic constant (η) of a wire under torsional oscillations (Searle's Method).
- Students are able to explain the phenomenon of surface tension on the basis of molecular forces.
- Students are able to derive the relation between surface tension and excess pressure.
- Students are able to perform an experiment to determine ST by Jaeger's method.
- Students are able to discuss and state the factors affecting the ST.
- In general, students are capable of correlating above concepts and methods to both theoretical and experimental domains revealing analytical as well as numerical skills.

Class: B.Sc. I (CBCS NEP pattern)
Paper No. : III
Paper Name : Electricity and Magnetism-I

Semester : II
Course Code : DSC B1

-
- Students are able to understand the physical significance of gradient, divergence and curl.
 - Students are able to apply concepts in vector calculus such as gradient, divergence and curl related to vector and scalar fields using Gauss, Stokes and Green's theorem.
 - Students are able to understand and apply concepts of electrostatic field, potential to point charges, electric dipole and geometrically regular charged bodies.
 - Students are able to understand and apply concept of capacitor to isolated conductor, parallel plates, cylindrical and spherical capacitors and allied modifications in it.
 - Students are able to understand and apply concept of energy density in electric field.
 - Students are capable of applying above concepts to solve numerical exercise in electrostatics.

Class: B.Sc. I (CBCS NEP pattern)
Paper No. : IV
Paper Name : Electricity and Magnetism-II

Semester : II
Course Code : DSC B2

-
- Students are able to understand importance of complex numbers in analysis of AC Circuits containing Inductance (L) Capacitor (C) and Resistance (R) and their various configurations.
 - Students are able to define and apply the concepts in AC circuits such as Impedance (Z), reactance (X_L and X_C), Admittance, Susceptance and Quality Factor (Q).
 - Students are able to understand and design AC bridge: Owen's Bridge.
 - Students reveal mastery in basic terminology in network analysis for further studies.



- Students are able to state and apply Network theorems to simple circuits.
- Students are able to understand basic working principle of Ballistic galvanometer.
- Students are able to define constants of ballistic galvanometer.
- In general, students are capable of applying above concepts in network analysis to both theoretical and experimental domains.
- Students are able to understand simple elementary concepts such as magnetization and intensity of magnetization.
- Students are able to state Biot-Savart's law and are capable to apply it to straight, circular wires and solenoid.
- Students are able to understand concept of magnetic vector potential along with Ampere's circuital law.
- Students are able to understand and explain the phenomenon of hysteresis in magnetism.
- Students are able to discriminate different magnetic materials based on their characteristic properties.

Class: B.Sc. II (CBCS NEP pattern)
Paper No. : V

Semester : III
Paper Name: Thermal Physics and Statistical Mechanics-I

-
- Highlight different types of velocities of gas molecules.
 - Acquire Knowledge of Maxwell's distribution of gas molecules.
 - Visualize Merits and drawbacks of thermometers.
 - Apply knowledge of thermodynamic processes in design of heat engine.

Class: B.Sc. II (CBCS NEP pattern)
Paper No. : VI

Semester : III
Paper Name : Waves and Optics -I

-
- Apply superposition principle to develop mathematical model of harmonic oscillators.
 - The develop the mathematical model for coupled oscillations.
 - Understand the ultrasonic waves and their applications.
 - Use of Basic principles of sound in context of acoustics of buildings.

Class: B.Sc. II(CBCS NEP pattern)
Paper No. : VII

Semester : IV
Paper Name : Thermal Physics and Statistical Mechanics-II

-
- Develop Conceptual clarity of thermodynamic functions and Clausius-Clapeyron equation.
 - Appreciate the problem associated with the black body radiation spectrum.

- Know , how the problems can be solved by using Planck's law of radiation.
- Acquire preliminary knowledge of classical and quantum statistical mechanics.



Class: B.Sc. II (CBCS NEP pattern) **Semester : IV**
Paper No. : VIII **Paper Name: Waves and Optics II**

- Draw ray diagrams to demonstrate Cardinal points.
- Determine the resolving power of prism and grating by making use of Rayleigh criterion.
- Qualitatively study phenomenon of polarization of light.
- Apply phenomenon of interference of light for determination of its wavelength.

Class: B.Sc. II **Paper Name: Practical**

- Acquire skills in setting up of optics experiments.
- Develop the practical skills and techniques for accurate measurements.
- Acquire observational skills
- Determine Least counts of different measuring instruments

Class: B.Sc. III **Semester : V**
Paper No. : IX **Paper Name: Mathematical Physics**

After going through the course, the student should be able to understand

- Partial Differential equations,.
- Frobenious method and special functions, Special integral and Complex analysis.

Class: B.Sc. III **Semester : V**
Paper No. : X **Paper Name : Quantum Mechanics**

This course enables the student to get familiar with Quantum Mechanics formulation.

- Wave particle duality, De-Broglie hypothesis, Uncertainty principle and its application.
- After an exposition of inadequacies of classical in explaining microscopic phenomena, quantum theory formulation is introduced through Schrodinger's equations.
- Interpretation of wave function.
- Different operators in quantum mechanic
- Applications of Schrodinger's equations.
- Schrödinger's equation for Hydrogen atom and to separate radial and angular parts.

- Quantum numbers
- Solve problems in quantum mechanics

Solve problems in quantum mechanics Understand the concepts by solving problems in Quantum mechanics



Class: B.Sc. III

Semester : V

Paper No. : XI

Paper Name : Classical Mechanics and Classical

Electrodynamics

- Review the knowledge of Newtonian formulation.
- Learn the Lagrangian equations and Hamilton's Principle, using Lagrangian equations to solve physical problems.
- Learn special theory of relativity.
- Charged particles dynamics.

Class: B.Sc. III

Semester : V

Paper No. : XII

Paper Name : Digital and Analog circuits and Instrumentation

This course enables the student to get familiar with Quantum Mechanics formulation.

- Learn digital electronics.
- Transistor amplifier and Sinusoidal oscillators
- Cathode ray oscilloscope.
- Operational amplifier and Timer.

Class: B.Sc. III

Semester : VI

Paper No. : XIII

Paper Name : Nuclear and Particle Physics

- Learn the constituents of nucleus and properties of nucleus.
- Learn the concept and relation between mass number and radius, the concept of packing action and binding energy curve.
- Ability to explain fusion and fission process.
- Having knowledge for making a model of nucleus.

- Learn the function and use of detectors e.g. Geiger-Muller counter, Photomultiplier tube, scintillation counter, Wilson cloud chamber, Semiconductor detector and Cerenkov radiation.
- Learn the phenomenon of accelerator.
- Having knowledge about different accelerators viz. cyclotron, Synchrocyclotron, Betatron.



Class: B.Sc. III
Paper No. : XIV

Semester : VI
Paper Name : Solid State Physics

At the end of the course the student is expected to learn and assimilate the following

- A brief idea of crystalline and amorphous solids lattice, basis, crystal structure, unit cell.
- Miller indices, inter-planer spacing, Periodicity of crystals, Bravais lattices, Cubic and Hexagonal structures.
- Reciprocal lattice concept, its properties, Bragg's law, Laue method, Rotating crystal method and Powder method for analysis of cubic crystal.
- Magnetic properties of matter.
- Band theory of solids.
- Solve problems.

Class: B.Sc. III
Paper No. : XV

Semester : VI
Paper Name : Atomic and Molecular Spectra, Astronomy and Astrophysics

- Students are well-known about the spectral lines, spectrum of sodium doublet, and selection rule for fine structure of doublets.
- Learn the Anomalous Zeeman effect and their explanation.
- Students are well-known about molecular bond, hydrogen molecular bond, Rotational and vibrational energy, Rotational and vibrational spectra.
- Through this course student can learn the Raman spectra and its characteristics properties of Raman lines, classical and quantum theory of Raman Effect.

- Students can compare Raman and infrared spectra.
- Upon completion of course students will be able to compare the Big-bang theory, steady state theory, Hubble Law.
- Students can use Hubble law for the study of milky-way galaxy and condensation theory.
- Discuss the evolution of stars, more massive stars like Supernova, Neutron stars.
- Students can explain properties of mars, surface of Sun, Sunspots and sunspot cycle.



Class: B.Sc. III
Paper No. : XVI

Semester : VI
Paper Name : Energy studies and Material science

This course enables the student to get familiar with Renewable energy sources and Material science.

- Different forms of energy, conventional and non-conventional energy sources.
- Application of wind energy, types of wind turbine, power of wind turbine, HAWT.
- Solar energy, essential subsystems in solar energy plant, solar energy from satellite station through Microwave to earth station, solar PV system.
- Dislocations and crystal growth.

Nanotechnology



COURSE OUTCOMES (CO)

CHEMISTRY

Class	Course	Semester (Paper No)	Outcomes
B.Sc. I	Inorganic Chemistry	I (Paper No I)	1. Getting to know the structure of atoms and their principles, details of periodic table. 2. Knowing various types of ionic bond and ionic compound study. 3. Knowing study of Molecular orbital Theory.
	Organic Chemistry	I (Paper No II)	1. Understanding the fundamentals of Organic Chemistry. 2. Imparting the knowledge of stereochemistry of different organic compounds among the students. 3. Studying aromaticity, electrophilic substitution reactions and their mechanism 4. Knowing various method of preparation and chemical reaction of cyclo alkane, cyclo alkene and alkadiene.
	Physical Chemistry	II (Paper No III)	1. Impart the knowledge regarding chemical thermodynamics and feasibility, direction and equilibrium condition of reactions. 2. Understanding mechanism of reaction and to get optimum conditions for a reaction by utilising the study of Chemical Kinetics.
	Analytical Chemistry	II (Paper No IV)	1. Provide a basic understanding of the principles , instrumentation and applications of chemical analysis. 2. Study various chromatographic techniques like paper, thin layer, column, and gas chromatography. 3. Impart basic knowledge regarding titrimetric analysis. 4. Making aware about water and fertilizer analysis
B.Sc. II	Physical Chemistry	III(Paper No V)	1. Understanding mechanism of reaction and get optimum conditions for a reaction by utilising the study of Chemical Kinetics. 2. Making students capable of understanding redox reactions and to construct electrochemical cells. learn various laws of electrochemistry and their applications 3. Study the properties of liquids like



			surface tension, viscosity, refractive index and their experimental determination. 4. Know about surface phenomena like adsorption w.r.t. its characteristics, determination and applications
	Industrial Chemistry	III (Paper No VI)	1. Providing a basic understanding of the principles, instrumentation and applications of chemical analysis. 2. Studying various chromatographic techniques like paper, thin layer, column, and gas chromatography electrochemistry and their applications 3. Explaining the difference between classical and industrial chemistry, unit operations, unit processes, flow sheets etc. 4. Knowing the process of corrosion and how to deal with it by using electroplating. 5. Getting familiar with the industrial process with respect to paper industry, soaps and detergents etc.
	Inorganic Chemistry	IV (Paper No VII)	1. Knowing study of 14 elements in the periodic table. 2. Knowing the new productivity. 3. Knowing the Studying of electronic configuration, oxidation state, colour spectra, and magnetic properties. 4. Knowing about the study of solving energies of the metals, semiconductors and superconductors. 5. Knowing the study of various organometallic compounds is very useful in various fields like agriculture, pesticides, pharmaceuticals.
	Organic Chemistry	IV (Paper No VIII)	1. Imparting knowledge about the synthesis, reactivity and applications of carboxylic acids. 2. Knowing amines and diazonium salts with respect to classification, preparation and applications. 3. Understanding the nomenclature and reactivity of aldehydes, ketones. 4. Studying the classification, configuration and structure of carbohydrates. 5. Learning the basic knowledge of conformational analysis of organic compounds..
B.Sc. III	Physical Chemistry :	V (Paper No IX)	1. Making students capable of



			understanding redox reactions and to construct electrochemical cells and learning various laws of electrochemistry and their applications. 2. Imparting the concepts of quantum mechanics, like Schrodinger equation and quantum numbers 3. Learning about interaction between radiation and matter which leads to molecular spectroscopy 4. Understanding various laws of photochemistry and photophysical processes
	Inorganic Chemistry:	V (Paper No X)	1. Knowing the study of electronic configuration, oxidation state, colour spectra, and magnetic properties. 2. Studying of co-ordination chemistry needs an understanding of the different terms used further topic covers Werner's theory, EAN, VBT, VSEPR, CFSE, and MO theory 3. Knowing the study of catalyst, non-aqueous solvents and chelation.
	Organic Chemistry	V(Paper No XI)	1. Studying about introduction to spectroscopy 2. Imparting the knowledge of UV, Visible spectroscopy and its application 3. Understanding IR Spectroscopy and its application. 4. Studying NMR Spectroscopy and its application. 5. Knowing Mass Spectroscopy and its application 6. Solving combined spectroscopic problems
	Industrial Chemistry :	V (Paper No XII)	1. Studying various chromatographic techniques like paper, thin layer, column, and gas chromatography. 2. Imparting basic knowledge regarding titrimetric analysis. 3. Getting familiar with the industrial process with respect to sugar industry, soaps and detergents, heavy chemicals production industries etc. 4. Getting introduction the nano materials with respect to preparation, characterisation, and applications.
	Physical Chemistry :	VI (Paper No XIII)	1. Understanding mechanism of reaction and get optimum conditions for a reaction by utilising the study of Chemical Kinetics



			2. Knowing about surface phenomena like adsorption w.r.t. its characteristics, determination and application. 3. Getting the knowledge about Phase equilibria, wrt. one, two and three component systems. study crystal structure by using Bragg's equation. 4. Developing practical skill regarding chemical kinetics and get acquaint to handle various instruments like potentiometer, conductometer, refractometer, colorimeter, pH meter, viscometer, stalagmometer etc.
	Inorganic Chemistry:	VI (Paper No XIV)	1. Knowing that nuclear energy may be boon and bane and know the radioactivity elements in the series of actinides. 2. Coming to know that manufacturing process of iron and steel and study of various methods. 3. Knowing that some biological role of alkali and alkaline earth metals, Hb, Mb, and some enzymes. 4. Knowing the various types of reaction mechanism of the inorganic co-ordinated compounds.
	Organic Chemistry	VI (Paper No XV)	1. Making students capable of understanding Name reactions and their mechanism. 2. Studying the applications of different reagents in organic synthesis. 3. Imparting the knowledge of different natural products. 4. Knowing about pharmaceutical chemistry and study of different drugs. 5. Understanding the knowledge of electrophilic addition to carbon carbon double and triple bond compounds
	Analytical Chemistry :	VI (Paper No XVI)	1. Studying various chromatographic techniques like paper, thin layer, column, and gas chromatography. 2. Imparting basic knowledge regarding titrimetric analysis. 3. Learning about analytical techniques like potentiometry, conductometry, flame photometry, colorimetry, spectrophotometry etc 4. Knowing about pharmaceutical chemistry and study of different drugs.



DEPARTMENT OF BOTANY

Course Taught: B.Sc.

Course Outcomes

B.Sc. I

- Students will be able to recognize the position of plant in phylogenetic level.
- Students will be able to identify the plants
- Students will be able to present scientific hypotheses.
- Students will be able to distinguish the characteristics of fungi, algae, bryophytes, pteridophytes gymnosperms and Angiosperm.
- Students will be able to explain different parts of the plants and their function.
- Students will be able to explain the skills of bio fertilizer production, Mushroom Cultivation and Different analytical techniques used in the plant science.

Class: B.Sc. II
Paper No. : V

Semester : III
Paper Name: Plant Systematics and Anatomy

- To know the scope and importance of the plant systematics.
- To understand plant morphology, nomenclature and classification
- To prepare and demonstrate herbarium and to understand importance of Botanical gardens.
- To examine internal organization of plant organs.
- To differentiate and understand plant tissue systems.

- To analyze the composition of different parts of plant.

Class: B.Sc. II
Paper No. : VI

Semester : III
Paper Name: Genetics and Molecular Biology

- To understand the principles of Mendelian inheritance and gene interaction.
- To differentiate between structural and numerical variations in chromosomes.
- To analyse and solve genetic problems on linkage and crossing over.
- To know the composition and significance of nucleic acids.
- To summarize concept of central dogma and genetic code.



Class: B.Sc. II
Paper No. : VII

Semester : IV
Paper Name: Plant Ecology and Economic Botany

- To understand core concepts of biotic and abiotic components.
- To gain insight in to the diverse ecosystem, related food web and ecological pyramids.
- To prepare map of Phytogeographical regions of India.
- Know importance of plants and plant products and their utility.
- To know the centre of origins of different crop plants.
- To understand importance and conservation of Germplasm.

Class: B.Sc. II
Paper No. : VIII

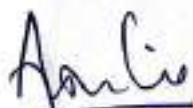
Semester : IV
Paper Name: Plant Physiology, Nursery and Gardening Techniques

- To understand various physiological processes in plants.
- To understand significance and mechanism of photosynthesis.
- To know the process of respiration in higher plants.
- To design outlines of landscaping and home gardening.
- To propagate plants by seed and vegetative propagation.
- To prepare different types of gardens and to know garden equipment's.

B.Sc. III



- Students are acquainted with basic as well as recent knowledge in the field of molecular biology, biotechnology and bioinformatics
- Acquiring the basic procedure in the field of microbiology and plant pathology.
- To develop skills in of horticulture including nursery, landscaping, gardening, floriculture and pomology
- Students will be able to demonstrate their knowledge, skills and attributes to be successful contributing members of the horticulture profession.
- Acquaint the student with the comprehensive knowledge in the bio fertilizers, herbal drug technology and paleobotany
- Students will able to demonstrate their understanding of relevant course theories and concepts Students able to Mendelian and Neo-mendelian genetics
- Students become familiar with the Organic manures, Herbal Medicines, Herbal cosmetology and Pharmacognosy.
- Understand the methods of Plant Biotechnology, Protoplast culture and Recombinant DNA Technology.
- Acquainted the scope of paleobotany in the present scenario and understand the fossil genera.
- Aware about the Spices, Beverages and Fibers, Cereals, Legumes and Oils.
- Understand the of carbohydrates, lipids, proteins
- Understand the techniques of plant breeding
- Understand the techniques of mushroom cultivation.
- Acquainted the techniques of micrometry, chromatography and other laboratory techniques used in the field of life science.


Head

Dept. of Botany
Yashwantrao Chavan College, Halkarni
Tal. Chandgad, Dist. Kolhapur


PRINCIPAL
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552,



Academic Year 2023-24
Course Outcomes (COs)

After completion of B.Sc. I Statistics program the student will be able to:

1. To compute various measures of central tendencies, dispersion, moments, skewness, kurtosis and to interpret them.
2. To analyze data pertaining to attributes and to interpret the results.
3. To compute correlation coefficient, interpret its value.
4. To compute regression coefficient, interpret its value and use in regression analysis.
5. To compute various index numbers.
6. To distinguish between random and non-random experiments.
7. To find the probabilities of various events.
8. To understand concept of conditional probability and independence of event.
9. To apply discrete probability distributions studied in this course in different situations.
10. Distinguish between discrete variables and study of their distributions.
11. Know some standard discrete probability distributions with real life situations
12. Understand concept of bivariate distributions and computation of related probabilities.

After completion of B.Sc. II Statistics program the student will be able to:

- 1 Understand concept of discrete and continuous probability distributions with real life situations.
- 2 Distinguish between discrete and continuous distributions.
- 3 Find the various measures of random variable and probabilities using its probability distribution.
- 4 Know the relations among the different distributions.
- 5 Understand the concept of transformation of univariate and bivariate continuous random variable.
- 6 Know some standard continuous probability distributions with real life situations.
- 7 Distinguish between various continuous distributions.
- 8 Find the various measures of continuous random variable and probabilities using its probability distribution.
- 9 Understand the relations among the different distributions.
- 10 Understand the Chi-Square, t and F distributions with their applications and inter relations.
- 11 Understand the concept of Multiple Linear Regression.
- 12 Understand the concept of Multiple Correlations and Partial Correlation.
- 13 Know the concept of sampling theory.
- 14 Understand the need of vital statistics and concept of mortality and fertility
- 15 Know the concept and use of time series.
- 16 understand the meaning, purpose and use of Statistical Quality Control, construction and working of control charts for variables and attributes
- 17 Apply the small sample tests and large sample tests in various situations.



**DEPARTMENT OF
COMMERCE & MANAGEMENT**



PROGRAMME OUTCOMES

- Students of management department have got acquainted with the business world. They came to know & learn the meaning of Management, Marketing, Insurance & Banking Fields.
- Department faculty provided an informative information of professional courses after graduation like. M.B.A , Bank Manager C.A. ICWA & CS Etc. students have understood properly the importance of Management in business world.
- The students are prepared to make their career in Management and they acquired the competence in themselves.
- Students have understood the importance of Industrial Management, Work environment. Human Resource Management Etc.
- Students have acquired the knowledge about the different Govt. Schemes that are related to business sectors like Make in India, Skill India Etc.


PRINCIPAL

Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552

COURSE OUTCOMES

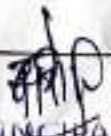


Sr. No	Class & Subject	Sem & Paper no.	Title of paper & Outcomes
1.	B.com I. Micro Economics	Sem I Paper no. I	1. Study the concept of Micro Economics. 2. Study the knowledge of demand & supply. 3. Study the term of Demand Forecasting. 4. Understood the concept Production cost & theory.
	B.com I Micro Economics	Sem II Paper no. II	1. Study the concept of Perfect competition. 2. Study the concept of Monopoly & Monopolistic competition. 3. Study the concept of Rent & wages. 4. Study the concept of Interest & Profit.
2.	B.com II Macro Economics	Sem III Paper no . I	1. The macro variables & nature & scope of Macro Economics. 2. The relevance of national income concepts & their applications. 3. Process of value of money determination. 4. Theory of output & employment generation.
	B.com II Macro Economics	Sem IV Paper no . II	1. Theories of trade cycle in connection with business . 2. Theory of Public finance relating to economy. 3. The trade & business practices through international trade theories. 4. The determination of rate of exchange.

3.	B.com III Co-Operative Development	Sem V Paper no. I	1. Study the meaning & principles of co-operation. 2. Study the agriculture & Non agriculture Co- operative institutions. 3. Study the co-operative credit system. 4. Study the importance of co-operative organization.
	B.com III Co-Operative Development	Sem VI Paper no. II	1. Equip with the co-operative legislation and fund management. 2. Understood the institutional; arrangement for co-operative education & training. 3. Understand the nature, registration, legislation & Audit of housing co-operatives. 4. Understood the audit system & provisions.

3.	B.com III Industrial Management	Sem V Paper no. I	1. Students understood the concept Industrial Management . 2. Knowledge of the Work Environment. 3. Students understood the Plant Mai. 4. Acquaintance with Financial Management.
	B.com III Industrial Management	Sem VI Paper no. III	1. To impart knowledge of Production Management . 2.To explain the concept of Productivity & ISO. 3. To apply the concept of Inventory Management. 4.To demonstrate the process of Logistics Management.




 PRINCIPAL
 Yashwantrao Chavan Mahavidyalaya
 Halkarni, Tal. Chandgad,
 Dist. Kolhapur, Pin-416 552

Department Of Accountancy

~~Course Outcome~~ outcome

B. COM I

Financial Accounting

Course Outcomes

1. To get an idea about the basic of accounting concepts and conventions & accounting Process.
2. To Acquaint with skill of recording Transactions related to amalgamation of partnership Firm.
3. To apply skill of Accounting for Consignment Transactions.
4. To make use of knowledge & skill for accounting of Professionals.

Bcom II Corporate Accounting

Course Outcomes paper I

1. Explain the accounting entries of issue & forfeiture of shares & Re-issued of Forfeited Shares.
2. Demonstrate accounting for issued of debenture & redemption of Debenture.
3. Simulate practice of Preparing Financial Statement as per the provision of Indian co. Act 2013.
4. Practice the Fundamental Accounting process on Tally ERP.

Paper II Corporate Accounting

1. Students understand the accounting entries of issue & forfeiture of shares & Re-issued of Forfeited Shares.
2. Demonstrate accounting for issued of debenture & redemption of Debenture.
3. Simulate practice of Preparing Financial Statement as per the provision of Indian co. Act 2013.
4. Practice the Fundamental Accounting process on Tally ERP.

~~B com II~~

~~Advanced Accounting paper I~~

B com III Advance Accounting paper. I

Course Outcomes

1. Practice the Preparation of Financial Statement of banks.
2. Demonstrate Accounting for farms & hire purchase system.
3. Simulate accounting situations of insurance claim.
3. Explain the accounting procession Tally with GST.

B com III Advance Accounting paper. II

Course Outcomes

1. To understand the Concept & types of Audit.
2. To identify the residential status & its implication on tax liability.
3. To understand the concept of exemption from income.
4. To Know the computation of Income From various sources as well as total income.

feet
head
Dept. of A/c


PRINCIPAL
Yeshwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552

Daulat Vishwastha Sanstha's
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal. Chandgad, Dist. Kolhapur, Maharashtra: 416552
Affiliated to Shivaji University, Kolhapur (NAAC Accredited 'A')

Department of Psychology
Course Outcomes
Academic Year: 2023-24



B.A.I Semester I Paper I (Psychology For friendship and love)

1. Understand relationship development
2. Explore friendship
3. Study theories of romantic love;
4. Examine the course of romantic love
5. Explore marriage and family dynamic
6. Address vulnerable areas in marital adjustment
7. Study gender behaviour and sexual expression

B.A. Paper II. Semester II - Health psychology

1. Students will understand the concept and state of health
2. Student would be able to regulate physical and mental process
3. Student will understand the need and challenges before health psychology
4. Course would be helpful in developing health habits and promote health behaviour among students
5. To identify the concept of stress sources of stress and stressful events

B.A. Paper II. Semester III Paper III - Psychology for living

1. To acquaint the students with process of psychology for living.



2. To introduce students the concept of stress.
3. To acquaint the students with understanding mental disorders.
4. To introduce students various psychotherapies and their uses.

B.A. Paper II. Semester III Paper IV. Social Psychology

1. To acquaint the students with process of Social Psychology.
2. To introduce students the concept of Social Psychology.
3. To acquaint the students with the self and self-esteem.
4. To introduce students the concept of Attitude formation, persuasion and cognitive dissonance.

B.A. Paper II. Semester IV Paper V- Modern Social Psychology.

1. To acquaint the students with process of liking and sources of liking.
2. To introduce students the concept of social influence, conformity and compliance.
3. To acquaint the students with understanding pro social behavior.
4. To introduce students the concept of aggression, it's causes and control.

B.A. Paper II. Semester IV Paper VI – Applied Psychology

1. To acquaint the students with processes of Personal control, Decision making and personal growth.
2. To introduce students the work, career, play and using leisure positively.
3. To acquaint the students with Making and keeping friends.
4. To introduce students the concepts of love and commitment.

G. Y. Naik
G. Y. Naik


PRINCIPAL
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552

Yashwantrao Chavan College, Halkarni
Department of Geography
PROGRAMME SPECIFIC OUTCOMES AND COURSE OUTCOMES 2023 - 24



SUBJECT: GEOGRAPHY

A) PROGRAMME SPECIFIC OUTCOMES:

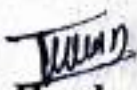
On Completion of the BA (Geography) Students shall be able to

1. Study the different branches of Physical and Human Geography with their Interdisciplinary approaches.
2. Study the land forms and processes of their development.
3. Understand the structure and composition of Earth and its Atmosphere.
4. Study the factors affecting on distribution of population, patterns and functions settlement and agriculture.
5. Understand importance of natural resources and find out the ways of their conservation.
6. Know the relationship of human activities with the resources and Economic development of the country at global context.

B. Course Outcomes

Class	Course	Semester	Outcomes
FYBA	Physical Geography Paper no I	I	1. Know the basic Concepts of Physical Geography 2. Understand the nature of atmosphere and Learn basics of temperature and Atmospheric pressure 3. Have basic knowledge of interior of earth and internal Forces 4. Aware about the forces and their effects 5. Learn processes behind the formation of fluvial cycle and landforms 6. Develop interest in landforms around and know the landforms seen in areas near by
FYBA	Human Geography Paper no II	II	1. Know the basic Concepts of Human Geography 2. Develop interest in human imprints on Earth 3. Understand the concepts and theories of population 4. Learn about the settlements and their functions 5. Know the agriculture and its problems 6. Become aware about agricultural problems

FYBA	Resource Geography Paper no IV	III	1. Understand the concept resource geography and classification of resources 2. Acquire knowledge about major resources with their distribution, utilization and problems. 3. Study sustainable resource development 4. Familiarize with the cartographic techniques.
FYBA	Oceanography Paper no V	IV	1. Know the oceanography is the fundamental branch of physical geography 2. Understand marine is the key resource for the development of the country 3. Know the physical and chemical properties of the soil 4. Able to know and draw oceanic currents in Atlantic, Pacific and Indian ocean 5. Understand theoretical concepts regarding Hypsographic Curve, Wind Rose, Isohalines and Isotherms with
FYBA	Agriculture Geography Paper no. VI	IV	1. Understand concept and development of Agriculture. Examine the role of agricultural determinants towards the changing cropping pattern. 2. Know agricultural systems and land-use theory. 3. Learn regionalization and agricultural regionalization. 4. Understand agricultural problems and sustainable development of agriculture. 5. Learn cartographic techniques and graphical representation.


 Head.
 Department of Geography




 PRINCIPAL
 Yashwantrao Chavan Mahavidyalaya
 Halkarni, Tal. Chandgad,
 Dist. Kolhapur, Pin-416 552

Daulat Vishwasth Sanstha's,
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal. Chandgad, Dist. Kolhapur

ECONOMICS

2023-24

Course Taught: B.A.

COURSE OUTCOME



Class: B.A.-II

Sem-III

Paper No. III

Course Code:

Paper Name: Macro Economics

1. Students are able to understand equip with the macro economics.
2. Student are able to understand analyze the concept, measurement and difficulties in measurement of national income.
3. Students are able to understand examine the relationship between supply of money and value of money.
4. Students are able to understand assess the theory of employment, consumption and investment function.

Class: B.A.-II

Sem-III

Paper No. IV

Course Code:

Paper Name: Money and Banking

1. Students are able to understand the working of banks.
2. Students are able to understand examine the role of RBI as a central bank.
3. Students are able to understand analyze the banking practices.
4. Students are able to understand elaborate the credit appraisal and NPA.

(Dr. J. P. Padi)

(Signature)

PRINCIPAL

Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552.

DAULAT VISHWASTHA SANSTHA'S
YASHWANTRAO CHAVAN MAHAVIDYALAYA, HALKARNI
TAL: CHANDGAD, DIST: KOLHAPUR-416552

Date: 30/11/2024



The Outcomes for B.Sc-I and B.Sc-II in the subject of Mathematics are in the following table.
 Upon successful completion of this course, the student will be able to:

Sr. Nos.	Name of The Class	Name of The Semester	Name of The Paper	Outcomes of The Paper
1	B.Sc-I	Semester-I	Paper-I	(1) understand DeMoivre's Theorem and its applications (2) understand hyperbolic functions and its properties (3) understand successive differentiation and Leibnitz's theorem (4) find maxima and minima and understand lagrange's theorem
2			Paper-II	(1) understand basic ideas of mean value theorems (2) solve examples of limits and understand Indeterminate forms (3) use $\epsilon - \delta$ definition of limits and its properties (4) understand continuity and its properties
3		Semester-II	Paper-III	(1) solve first order and first degree differential equations (2) understand first order and higher than first degree differential equations (3) solve linear differential equations with constant coefficients (4) understand homogeneous linear differential equation
4			Paper-IV	(1) understand second order linear differential equation in various methods (2) solve simultaneous and total differential equations (3) understand basics of partial differential equations (4) solve linear and non linear partial differential equations
5	B.Sc-II	Semester-III	Paper-V	(1) identify types of higher order ordinary differential equations. (2) solve different types of higher order ordinary differential equations. (3) understand geometrical

DAULAT VISHWASTHA SANSTHA'S
YASHWANTRAO CHAVAN MAHAVIDYALAYA, HALKARNI
TAL: CHANDGAD, DIST: KOLHAPUR-416552

				interpretation of simultaneous and total differential equations.
6			Paper-VI	(1) find numerical solutions of algebraic, transcendental and system of linear equations. (2) learn about various interpolating methods to find numerical solutions. (3) find numerical solutions of integration and ODE by using various methods. (4) apply various numerical methods in real life problems.
7		Semester-IV	Paper-VII	(1) understand and evaluate the concepts of gradient, divergence and curl of point functions in terms of cartesian co-ordinate system. (2) understand and evaluate different types of line, surface & volume integrals and the two integral transformation theorems of Gauss and Stokes.
8			Paper-VIII	(1) understand special functions. (2) understand types of multiple integrals. (3) apply special functions in applications. (4) apply multiple integrals in real life problems.

(Dr. S. R. W. Pykar)
Head,

Department of Mathematics



Principle
PRINCIPAL
Yashwantrao Chavan Mahavidyalaya,
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552

B. Course outcome of Zoology

Sl. No.	Subject	Class	Semester	Paper Number	Title of the Paper	Course Outcome
1	Zoology	B. Sc. I	Semester I	Paper I	Animal diversity - I	1. Knowledge of animal classification, their life cycles will help in understanding the history of animals and their importance in nature and society to maintain balance in nature
2	Zoology	B. Sc. I	Semester I	Paper II	Cell Biology and	1. Knowledge of cellular biology of our body and their evolutionary aspects

					Evolutionary Biology	help in maintaining good health. The same may be imparted to other family members and society. 2. Evolutionary aspects will help in understanding the history of life
3	Zoology	B. Sc. I	Semester II	Paper III	Animal Diversity and Insect Vectors	1. Knowledge of physiology of respiration, digestion excretion etc of our body will help in maintaining good health. The same may be imparted to society to have a good health 2. Knowledge of different vectors, their life cycle and their effects will helps in maintaining our health. The same may be imparted to society to have a good health
4	Zoology	B. Sc. I	Semester II	Paper IV	Genetics	1. Knowledge of genetic variations, diseases and their transmission in families will help to avoid genetic disease and their transmission in our families. The same may be used to make awareness in relatives and in society to avoid having genetic diseases and their transmissions
5	Zoology	B. Sc. II	Semester III	Paper V	Animal diversity - II	1. Knowledge of animal classification, their life styles and their importance in nature can be taught to children and society to maintain balance in nature. 2. Knowledge of Digestive, Reproductive, Respiratory and Excretory system, Brain, Heart etc will be benefitted to understand health
6	Zoology	B. Sc. II	Semester III	Paper VI	Biochemistry	1. Knowledge of structural DNA molecule, digestion (Metabolism) of food and their process in our body will help us to understand our body better and maintain good health. The same may imparted to other family members and society to have a good health
7	Zoology	B. Sc. II	Semester IV	Paper VII	Reproductive Biology	1. Impart the knowledge of reproductive system of our body to family members and society to have a good health 2. Knowledge of contraceptive methods will help in birth control in our family and in society to avoid over population
8	Zoology	B. Sc. II	Semester IV	Paper VIII	Applied Zoology-I)	1. Knowledge of different pests, their life cycle and their effects on agricultural products will helps in maintaining the agricultural products




 Dr. N. C. Hiragond
 Department of Zoology

Submitted through the Principal, Yashwantrao Chavan Mahavidyalaya Halkarni


 PRINCIPAL

Yashwantrao Chavan Mahavidyalaya,
 Halkarni, Tal. Chandgad,
 Dist. Kolhapur, Pin-416 552,

Daulat Vishwasth Sansth's
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal-Chandgad, Dist- Kolhapur



B.C.A Department

2023-2024

Course Outcome

BCA 101: Computer Fundamental & Office Automation

- CO 1: Recognize the importance of computer in education and career,
- CO 2: Understand the basic knowledge of computer,
- CO 3: Perform common functional operations in windows. Identify software and hardware
- CO 4: Understand Testing, errors and debugging,
- CO 4: Understand the usage of Computer,
- CO 5: Understand windows directory
- CO 6: Understand the components of office automation.
- CO 7: Perform operations using MS Word, Excel, PowerPoint, Surf details through Internet,
- CO 8: Understand and discuss about the use of Office Package and internet in daily Life

HEAD
Department of B.C.A.
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad, Dist. Kolhapur.

B.C.A Department
2023-2024
Course Outcome
BCA 103: Principle of Management



BCA 103: Principle of Management

CO1: Understand the concepts related to Business.

CO2: Define management and explain the characteristics of Managers in organizations

CO3: Demonstrate the roles, skills and Levels of management.

CO4: List and describe major management theories as represented through the history of modern management thought.

CO5: Discuss ethics and social responsibility in the context of management.

CO6: To analyze and discuss planning, organizing, controlling, decision making, communication, motivation, leadership, Management of Change.

CO7: Develop theoretical and critical thinking skills relevant to both academic and management practice.

CO8: To promote group interaction through class discussion.

HEAD
Department of B.C.A.
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal.Chandgad, Dist.Kolhapur.

Daulat Vishwasth Sansth's
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal-Chandgad, Dist- Kolhapur



B.C.A Department
2023-2024
Course Outcome
BCA 104: Business Communication

- CO 1: To participate in an online learning environment successfully.
- CO 2: To distinguish among various levels of organizational communication and communication barriers while developing an understanding of Communication as a process in an organization.
- CO 3: To draft effective business correspondence with brevity and clarity.
- CO 4: To stimulate their Critical thinking by designing and developing clean and lucid writing skills.
- CO 5: To demonstrate their verbal and non-verbal communication ability through presentations.


HEAD
Department of B.C.A.
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal.Chandgad, Dist.Kolhapur.

Daulat Vishwasth Sansth's
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal-Chandgad, Dist- Kolhapur



B.C.A Department
2023-2024
Course Outcome
BCA 105: Mathematics I

- CO 1: Find out Eigen values and Eigen vectors.
- CO 2: Apply the concepts of limit, continuity and differentiability.
- CO 3: Apply Taylors and Maclaurin's theorem to find the expansion of functions as infinite series.
- CO 4: Evaluate the integrals of complex functions and to find area, volume.
- CO 5: Apply the concept of vector algebra, scalar triple product, vector triple product.

HEAD
Department of B.C.A.
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad, Dist. Kolhapur.

Daulat Vishwasth Sansth's
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal-Chandgad, Dist- Kolhapur

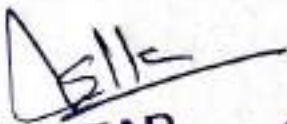


B.C.A Department
2023-2024

Course Outcome

BCA 201: C Programming

- CO 1: Understanding a functional hierarchical code organization.
- CO 2: Ability to define and manage data structures based on problem subject Domain.
- CO 3: Ability to work with textual information, characters and strings.
- CO 4: Ability to work with arrays of complex objects.
- CO 5: Understanding a concept of object thinking within the framework of functional Model.
- CO 6: Understanding a concept of functional hierarchical code organization.
- CO 7: Understanding a defensive programming concept. Ability to handle possible Errors during program execution.


HEAD
Department of B.C.A.
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal.Chandgad, Dist.Kolhapur.



B.C.A Department
2023-2024

Course Outcome

BCA 204: Financial Accounting & Management

- CO 1. Prepare consolidated financial statements using international accounting standards.
- CO 2. Manage the financial operations including revenues, expenses, assets, liabilities and capital.
- CO 3. To understand and be able to calculate the various ratios through financial statements and its impact on the short and long term position of the firm.
- CO 4. Determine the long term sources of finance to fulfil the long term finance needs of organization.
- CO 5. Demonstrate the applicability of the concept of Financial Management to understand Capitalization and Capital Structure.
- CO 6. Determine the break-even point and analyze the profit on large volume of output by differentiating between fixed and variable costs.
- CO 7. Improve the business management by recording all the costs incurred in conducting the business.
- CO 8. Evaluate and determine the organization's motives for holding cash
Cash budget, Managing Inventory and Receivables.
- CO 9: Apply accounting and financial information for decision making and achievement of business goals.

HEAD
Department of B.C.A.
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad, Dist. Kolhapur.

Daulat Vishwasth Sansth's
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal-Chandgad, Dist- Kolhapur



B.Sc Computer Science Department
2023-2024
Course Outcome
Computer Science Paper-I

Course CS-111: Problem Solving using Computer and 'C' Programming

After successfully completing this course, students will be able to:

- CO1: Students will understand algorithms and flowchart for solving problems using computers.
- CO2: Students will understand and can choose the loops and decision-making statements to solve the problem.
- CO3: Student will implement different Operations on arrays and will use functions to solve the given problem.
- CO4: To enrich the students in logic development required for programming.
- CO5: To help the students to build carrier in various branches of software development.

HEAD

Department of Computer Science
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal.Chandgad, Dist. Kolhapur.

Daulat Vishwasth Sansth's
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal-Chandgad, Dist- Kolhapur



B.Sc Computer Science Department
2023-2024
Course Outcome
Course CS-112 Database Management Systems

After successfully completing this course, students will be able to:

- CO1: Will understand the fundamental concepts of database.
- CO2: Will understand user requirements and frame it in data model.
- CO3: Will understand creations, manipulation and querying of data in databases
- CO4: Solve real world problems using appropriate set, function, and relational models.
- CO5: Design E-R Model for given requirements and convert the same into database tables.
- CO6: Use SQL.


HEAD
Department of Computer Science
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal.Chandgad, Dist.Kolhapur.

Academic Year 2023-24

Certificate course in 'Basic Statistics using R - software'

Class – B.Sc.-III (Statistics)

From 18th Aug. to 9th Sept. 2023

A Short Term Course entitled as Certificate course in 'Basic Statistics using R - software' for B.Sc.-III - Statistics students was organized by Department of Statistics, Yashwantrao Chavan Mahavidyalaya, Halkarni during 18th Aug. to 14th Sept. 2023. The main objectives and outcomes of this course are:

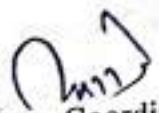
OBJECTIVES

- To learn R- Software and how to use it for effective exploratory data analysis.
- To learn number of data types, data structures, various operators.
- To learn various inbuilt functions.
- To learn diagrammatic representation using R.
- To learn graphical representation using R.
- To learn preparation of frequency tables using R.
- To make awareness of use of R -Software in data science.

OUTCOMES

The students will acquire

- Importance of R- Software.
- Knowledge of identifiers and operators used in - Software.
- This course aims to develop student's ability to use R- Software in statistical analysis.


Course Coordinator
(Dr. A V Dorugade)

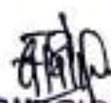
Department of Physics

Organizes

"Short term Course on Basics of Computer and Electronic Components "
2023-24

Course Outcomes

- Understand and state the importance of computer literacy.
- Develop the ability to write simple graphics programme involving the drawing of basic shapes.
- Understand the working of electronic devices and circuits.
- Develop the interest in electronics.
- Overcome the fear of electronic circuits.
- Develop the ability of hands-on training.
- Understand the designing of electronic circuits.


PRINCIPAL
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552.

6242023
Yashwantrao Chavan

**Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal- Chandgad, Dist- Kolhapur
Department of Chemistry**

**CERTIFICATE COURSE OF "SOIL ANALYSIS IN WESTERN
REGION OF CHANDGAD TALUKA"**

COURSE OUTCOME

After completing the course students will,

1. Get familiar with different types of soils.
2. Obtain knowledge of methods of sampling of soils.
3. Get knowledge of fundamentals of soil testing.
4. Train to operate soil testing instrument [S.T.F.R.].
5. Understand the deficiencies in soil.
6. Able to recommend nutrient dose require for crops.
7. Establish mini laboratory to earn money.

Program Outcomes of Short-Term Course in Sericulture (STCS)

Short Term course in Sericulture (STCS) enables:

1. Students to understand silkworms and silkworm rearing.
2. Students to apply scientific knowledge to develop healthy sericulture practices.
3. Students to understand issues of Sericulture farming like diseases and pest management of silkworm and mulberry.
4. To gain knowledge of agro based entrepreneurship in Sericulture for providing lab to land benefits to Sericulturists.
5. Students to know healthy and common sericultural practices.

Sushanta

1992. S.P. - Shulape



HEAD

Department of Zoology
Yashwantrao Chavan Mahavidyalaya Halkarni
Tal. Chandgad, Dist. Kolhapur - 416 552

Daulat Vishwastha Sanstha's,
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal-Chandgad, Dist-Kolhapur, Maharashtra -416552
Affiliated to Shivaji University, Kolhapur., NAAC Accredited 'A'
Principal - Dr.B. D. Ajalkar, M.Sc., Ph.D.

DEPARTMENT OF HISTORY
Organizes
SHORT TERM COURSE
On
“CONSERVATION OF FORTS”

Course Outcome

1. Students come across with information about various forts.
2. They learnt significance of those forts which are heritage.
3. They knew about the conservation of forts.
4. Students understands History behind the forts.
5. They also study place of forts in the history.



**Daulat Vishwastha Sanstha's,
Yashwantrao Chavan Mahavidyalaya, Halkarni**

**Tal-Chandgad, Dist-Kolhapur, Maharashtra -416552
Affiliated to Shri Chhatrapati Shahu Maharaj University, Kolhapur., NAAC Accredited 'A'
Principal - Dr.B. D. Ajalkar, M.Sc., Ph.D.**

**DEPARTMENT OF ENGLISH
SHORT TERM COURSE
2023-2024
COMMUNICATIVE ENGLISH**

Course Outcomes

After completing the course the students can:

1. Understands the importance of communication in career making.
2. Learn Communication skills in English Language.
3. Identifies the differences between Speaking and Writing.
4. Know the sub-skills of making speech and presentation.
5. Understands learner's needs for speaking skills.
6. Know the nature and details of some major speaking activities.

Daulat Vishwastha Sanstha's,
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal-Chandgad, Dist-Kolhapur.Maharashtra ü-416552
Affiliated to Shivaji University, Kolhapur., NAAC Accredited 'A'
Principal - Dr.B. D. Ajalkar, M.Sc., Ph.D.

DEPARTMENT OF HINDI
Organizes
SHORT TERM COURSE
On
“HINDI GRAMMAR”

Course Outcome

1. Students come across with information of Hindi language.
2. They learnt significance of Hindi as national language.
3. They knew about the communication in Hindi.
4. Students understand History behind the Hindi.
5. They also study place of Hindi in the nation.

YASHWANTRAO CHAVAN COLLEGE, HALKARNI

Department of Marathi

Academic Year 2023-2024

A Certificate Course in Journalism

Outcomes

1. With the help of the course, students have come across the writing of the news report.
2. They have learnt successfully the skills of developing the Marathi language by keeping mind the use of it.
3. They create ability in themselves for the use of Marathi language in Journalism.
4. Students have come to know the use of Marathi.
5. Student also learnt the significance of Marathi as the state language and its essence in the News Paper writing.


Co-ordinator


IQAC
K.A.C. Coordinator
Yashwantrao Chavan
Mahavidyalaya, Halkarni-416552
Dist. Kolhapur, Tal. Chandgad


Principal
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552.

Daulat Vishwastha Sanstha's,
Yashwantrao Chavan Mahavidyalaya, Halkarni
Tal-Chandgad. Dist-Kolhapur.Maharashtra -416552
Affiliated to Shivaji University, Kolhapur., NAAC Accredited 'A'
Principal - Dr. B. D. Ajalkar, M.Sc., Ph.D.

DEPARTMENT OF GEOGRAPHY
Organizes

SHORT TERM COURSE

COURSE
HAND EMBROIDERY

2023 - 24

Course Outcome

1. Ability to use different tools used in art of embellishment.
2. Application of different hand stitches.
3. Apply the knowledge appropriate designs on fabric surfaces.
4. Creating and developing new designs.
5. Ability to use new patterns in knitting.

Daulat Vishwastha Sanstha's,
Yashwantrao Chavan Mahavidyalaya,
Halkarni

Tal-Chandgad, Dist-Kolhapur, Maharashtra -416552
Affiliated to Shivaji University, Kolhapur., NAAC Accredited 'A'
Principal - Dr. B. D. Ajalkar, MSc., Ph.D.

DEPARTMENT OF SOCIOLOGY

SHORT TERM COURSE

PERSONALITY DEVELOPMENT

2023 - 24

Course Outcome

1. The student will be able to understand, analyze develop and exhibit accurate sense of self.
2. Think critically.
3. Demonstrate knowledge of personal beliefs and values and a commitment to continuing personal reflection and reassessment.
4. Learn to balance confidence with humility and overcome problems associated with personality.


PRINCIPAL

Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal.Chandgad,
Dist.Kolhapur Pin- 416 552.

Daulat Vishwasth Sanstha's

YASHWANTRO CHAVAN MAHAVIDILAYA HALKARNI

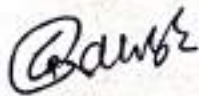
DEPARTMENT OF Commerce

Activity under academic year : 2023-2024

Short Term Course
Banking Study

COURSE OUTCOME

1. Learners will understand the nature of banking business.
2. Learners will understand the important in banking system.
3. Students will be able explain working in banking services.
4. Students will be able to provide consultancy & guidance in financial markets.
5. Students will be able to explain the business practices.



Co-Ordinator

(Prof G. P. Kamble)



PRINCIPAL

Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552

Daulat Vishwasth Sanstha's
**YASHWANTRAO CHAVAN MAHAVIDYALAYA,
HALKARNI**
DEPARTMENT OF ACCOUNTANCY

2023-2024

Short Term Course
Computerized Accounting with Tally

Course Outcomes

- Students of accountancy department have got acquainted with the business world. They came to know & learnt the importance of Computerized accounting With Tally Procedure.
- The students are prepared to make their career in Computerized accounting With Tally and they acquired the competence in themselves.
- Students have understood the methods of accounting as well as basic knowledge about Tally Accounting.
- Students have acquired the knowledge about use the computerised Accounting Tally different Govt. Schemes that are related to Corporate sectors like Make in India, Skill India Etc.



Coordinator

(Prof G J Gawade)



PRINCIPAL

Yashwantrao Chavan Mahavidyalaya,
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552

Department of Botany
Organizes
"Certificate course in Medicinal Plants"
2023-24

- **Course outcome:**
- Contains basic chapters required to understand scientific study of plants
- They will learn the use of plants in different systems of medicine
- Also, topics on various approaches for plant conservation, IPR and IUCN classification of threatened categories are included
- There is a detailed account on the cultivation practices of certain medicinal plants
- This will give the basics of medicinal plant cultivation and if perceived students can take this as a career

Daulat Vishwastha Sanstha's

Yashwantrao Chavan Mahavidyalaya.Halkarni.

Tal.Chandgad.Dist.Kolhapur.416552

Academic Year 2023-2024

Department of Marathi

JOURNALISM

COURSE OUTCOMES

After successful completion of course students are able to ...

1. Think critically, creatively and independently
2. Express oneself clearly, both in writing and orally
3. Carry out journalistic research and interviews
4. Prepare content for news media outlets
5. Competently use technology appropriate to the medium




PRINCIPAL
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pin-416 552,

Daulat Vishwastha Sanstha's

Yashwantrao Chavan Mahavidyalaya.Halkarni.

Tal.Chandgad.Dist.Kolhapur.416552

Academic Year 2023-2024

Department of Internal Compliant Committee

Prevention of Sexual Harassment at work place

COURSE OUTCOMES

After successful completion of course students are able to ...

- 1.Create a Safe Culture that Promotes Open Communication
2. Inform Employees about the Complaining Mechanism
3. Promote safe working environment and deter sexual harassment.
4. Report inappropriate behaviours.




PRINCIPAL
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Pini-416 552.

Daulat Vishwastha Sanstha's

Yashwantrao Chavan Mahavidyalaya.Halkarni.

Tal.Chandgad.Dist.Kolhapur.416552

Academic Year 2023-2024

Department of Geography

EMBROIDERY

COURSE OUTCOMES

After successful completion of course students are able to ...

1. Know the usage of tools in art of embellishment.
2. Understand the working method of different hand and machine embroidery stitches.
3. Convert the designs.
4. Create new patterns in knitting.
5. Understanding the fabric compatibility for embellishment.




PRINCIPAL
Yashwantrao Chavan Mahavidyalaya
Halkarni, Tal. Chandgad,
Dist. Kolhapur, Piri-416 552,