



TATKARE CHARITABLE TRUST, KOLAD

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DEPARTMENT OF MARATHI

Semester I

Course (Paper) Name and No.: Marathi Compulsory

Class & Sem.		
F.Y.B.A 1 st sem	CO1	विद्यार्थ्यांमध्ये मराठी भाषेविषयी आवड निर्माण होईल
	CO 2	विद्यार्थी दैनंदिन जीवनात मराठी भाषेचा वापर अधिक निर्दोष व आत्मविश्वासाने करतील
	CO 3	विद्यार्थी कार्यालयीन कामकाजात मराठी भाषेचा वापर अचूकपणे करतील
	CO 4	विद्यार्थ्यांना विविध माध्यमांसाठी सर्जनशील लेखनाचे कौशल्ये प्राप्त होईल
	CO 5	विद्यार्थी संस्कारक्षम बनतील





PRINCIPAL
T.C.T.S.

Arts, Com & Science College
Kolad, Tal -Roha, Dist.-Raigad

Course (Paper) Name and No.: Marathi (Optional) Paper

Class & Sem.		
F.Y.B.A. (Marathi)	CO1	वववववववववववववववववव वववव ववव व ववववववव ववववववव वव ववववववव ववव
	CO 2	ववववव ववववववववववव ववव वव ववववववव वववववववव वव ववव
	CO 3	ववववववववववववववव ववववव वव ववव ववववव वव ववववव
	CO 4	ववववव ववववववववववव वववववववववव वववव ववव

Semester II Course (Paper) Name and No.: Marathi Compulsory

Class & Sem.		
F.Y.B.A. (Marathi)	CO1	ववववववववववववववव ववववव वववववववववव वववववव ववव
	CO 2	ववववववववववववववव वववव, वववव, वववव, वववव, व. वववव वववववव ववववववव वववव
	CO 3	वववव ववववववव वववव ववववव वववववव ववववव ववववव ववववव वववव वव वववव व व वववव

Course (Paper) Name and No.: Marathi (Optional) Paper 1

Class & Sem.		
F.Y.B.A. (Marathi)	CO1	ववववववववववववववव वववव व वववववव ववववववव ववववववव ववव
	CO 2	ववववववववववववववव वववव वववववववववव ववववव ववववव व ववववववव ववववववव ववव ववव
	CO 3	ववववववववववववववव वववव वववववववववव वववव ववववववववव ववव
	CO 4	वववववववववववववव ववववववव ववववववव वववववव वववव ववव
	CO 5	ववववव, ववववववववव, ववववव व. ववववववववव वववववववववव वव ववव

Course (Paper) Name and No.: Marathi Paper II

Class & Sem.		
S.Y.B.A.) (Marathi)	CO1	ववववववव वव ववववववववववववववव ववववववव वववव
	CO 2	ववववववववववववववववव वववववववव वववववववव ववववव वववव
	CO 3	ववववव वववववववववववववववव वववववववव ववव वववववव वववव
	CO 4	ववववववववववववववववव वववव ववववववववववववव वववववव वववववव वववव वववव वववव वववव वववव
	CO 5	ववववववववव वववववववववव वववववववव ववववववव ववववववव ववववव वववव वववव वववव
	CO6	ववववववव ववव वववव वववव वववववववववव ववववववव वववव वववव

Course (Paper) Name and No.: Marathi Paper III

Class & Sem.		
S.Y.B.A.) (Marathi)	CO1	वववववव वववववव व ववववव, वववववववव ववववववववव ववववव, वववववववव ववववववववव वववववव वववव ववववव ववववव
	CO 2	वववव वववववव ववव व वववव ववववव वववववववव ववववव □ वववव वववव वववव CO3 ववववव ववववव वववव व वववव वववववववव ववववव ववववव ववववव
	CO 3	ववववव ववववव ववव व वववव वववववववव वववववव ववववव वववव
	CO 4	ववववव ववववववव वववववववव वववववववव ववव वववव
	CO 5	ववववववव ववववववव वववव वववव

Semester IV

Course (Paper) Name and No.: Marathi Paper II

Class & Sem.		
S.Y.B.A.) (Marathi)	CO1	वसवववव, वसवववववववव, वसववववव व वसववववव वसवववववववव वसवववव वसवववव व वसववववव वसवववव वसवव व वसवव
	CO 2	वसवववव वसवव वसववववववववव वसवव वसवववव, वसवववववववव, वसवववव वसवव वसव, वसववव वसव वसववववववव वसवववव वसवववव वसवववववववववववववववव वसववव वसवव
	CO 3	वसवववव, वसवववववववव, वसवववव वसवव वसवववव वस वसववव वसवव वस व वसवव
	CO 4	वसवववव, वसवववववववव, वसवववव वसवव वसवववव वसव वसववव वसवव वसव

Course (Paper) Name and No.: Marathi Paper III

Class & Sem.		
S.Y.B.A.) (Marathi)	CO1	वसवववव वसवववववववव वसववव वसवव
	CO 2	वसवववववववव वसवववव, वसववववववव वसवववव वसवववव वसवव
	CO 3	वसवववववववव वसवव वसववववववव, वसवव, वसवववववववव, वसववववववव व. व वसवव वसव
	CO 4	वसववववववव वसववववववव वसववव वसव वसवव वसव
	CO 5	वसववववव वस वसववव वसव वसवव वस वसववववव वस वसव

DEPARTMENT OF HINDI

Class & Sem.	Name of the Course		
F.Y.B.A. 1 st sem	ADHUNIK KATHA SAHITYA	CO I	Learner came to know compulsory Hindi language story and novel
		CO II	Learner came to know various story
		CO III	Learner came to know what is story
		CO IV	Learner got the skill of preparing story writing
		CO V	Learner developed the skill of preparing story reading
		CO VI	Learner developed the skill of story development
F.Y.B.A 1 ST SEM	Nibandh vividha	CO I	Students will be able to understand concept of nibandh lekhan
		CO II	Students will be able to apply counting principles like eassy
		COIII	Students will know how to eassy
		CO IV	Students will be able to apply eassy writing
		CO V	Students will be write a eassy
F.Y.B.A 1 ST SEM	Katha sahitya	CO I	The program aims to develop communication skill in hindi
		CO II	The program aims to develop communication skill in hindi
		CO III	To build confidence to face story writing
		COIII	Create awareness shapes of story writing
F.Y.B.A 1 ST SEM	SANDARBH LEKHAN	COI	Understanding Concept of sandarbh lekhan
		COII	Sandarbh lekhan
		COIII	Sandarbh lekhan
		COIV	Sandarbh lekhan
		COV	Sandarbh lekhan

F.Y.B.A 2 nd SEM	Noval [jangal ke jugnu]	Co1	Learners will be able to novel
		COII	Learners will be able to define novel
		COIII	Learners will be able to explain the noval
		COIV	Learners will be able to novel
F.Y.B.A 2 nd SEM	Nibandh vividha	COI	Learners will get aware about nibandh vi vidha
		COII	Learners will be able to identify the nibandh
S.Y. B.A. 1 st SEM	Madhyakalin hindi kavya	COI	Learners will be able to madhyakalin hindi kavya
		COII	Learners will be able to. Sant kabir das ka kavya
		COIII	Learners will be able to sant kabidas ke dohe
		COIV	Learners will be able to understand sant kabir das ke vichar
		COV	Learners will be able to sant tulsidas ke pad
		COVI	Learners will be able to sant surdas ke pad
S.Y. B.A 2 nd SEM	Vyangya vidhi	COI	Learners will be vyangya vidhi
		COII	Learners will be able to vyangya vidhi –vasiyat
		COIII	Learners will be able to gain knowledge vyangya vidhi sudama ke chaval
		COIV	Learners will be able to vyangya vidhi
S.Y. B.A 1 st SEM	PRAYOJANMULAK HINDI	COI	Learners will be able to prayojanmulak hindi

		COII	Learners will be able to introduction for prayojanmulak hindi
		COIII	Learners will be able to samanya hindi
		COIV	Learners will be able to sahitayik hindi
S.Y. B.A 1 st SEM	ANUVAD AUR PATRAKARITA	COI	Learners will be able to anuvad and patrakarita
		COII	Learners will be able to anuvad ki paribhasha .patrakarita ki visheshta
		COIII	Learners will be able to paribhashik shabdavali
		COIV	Learners will be able to paribhashik shabdavali ka vikas
S.Y. B.A 2 nd SEM	JANSANCHAR MADHYAM	COI	Learners will get aware about jansanchar madhyam
		COII	Learners will be able to identify & analyse jansanchar madhyam
T.Y.B.A. 5 th SEM	Hindi sahitya ka itihās	COI	Learners will be able to history of the hindi literature
		COII	Learners will develop a hindi sahitya
		COIII	Learners will be able to adikalin hindi sahitya , madhyakalin hindi sahitya
		COIV	Learners will understand the ritikalin hindi sahitya
T.Y.B.A. 5 th SEM	POST INDEPENDENT HINDI LITERATURE	COI	Learners will be able to NATAK SAHITYA
		COII	Learners will be able to KALA Pathar natak ki samiksha
		COIII	Learners will be able to ekanki sahitya ka parichaya
		COIV	Learners will be able to ekanki sahitya me vibhinn ekankikaron ka parichay
		COV	Learners will be able to sandarbh lekhan
T.Y.B.A. 5 th SEM	SUCHANA PRAUDOGIKI	COI	Learners will be able to suchana praudogiki
		COII	Learners will be able to important of suchana praudogiki
		COIII	Learners will be able to hindi bhasha aur suchana

		COIII	Learners will be able todevnagiri lipi
		COIV	Learners will be able to understand and internet
T.Y.B.A. 6thSEM	MODERN HNDI SAHITYA	COI	Learners will be able to carry out various techniques of analysis and interpretation of financial statements
		COII	Learners will be able to relate accounting ratios with financial statement.
		COIII	Learners will be able to calculate the working capital requirement of business
		COIV	Learners will be able to evaluate investment proposal with different Capital Budgeting techniques.
		COV	Learners will be able to analyze and interpret the financial statements
T.Y.B.A. 6thSEM	POST INDEPENDENT HINDI LITERATURE	COI	Learners will be able to kavita ka arth aur paribhasha
		COII	Learners will be able to kavya saurabh ka parichay
		COIII	Learners will be able to nibandh ka arth
		COIV	Learners will be able to nibandhon ka parichay
T.Y.B.A. 6thSEM	SOSHAL MEDIYA	COI	Learners will be able to soshal mediya
		COII	Learners will be able to scop and nature of social mediya
		COIII	Learners will be able to soshal mediya aur kanun
		COIV	Learners will be able to social mediya aur vaishwik vyapti

DEPARTMENT OF HISTORY

Course Title: History of Modern India (1757 C.E. – 1947 C.E.)

Semester I

COURSE OUTCOME	DESCRIPTION
CO 1	Gain insight into the beginning and consolidation of British rule in India and early challenges to their rule 1757-1857 C.E.
CO 2	Discuss the causes, consequences, and nature of the Revolt of 1857
CO 3	Trace various trends in the socio-religious reform movement in 19 th century India
CO 4	Review the role of reformers in creating socio-religious awakening among the masses and their impact on society
CO 5	Analysis the political movements – the Foundation of Indian National Congress, Moderates, Extremists and Revolutionary Nationalists towards the Indian freedom struggle in the 19 th and 20 th centuries
CO 6	Review and compare the anti-colonial movements of Mahatma Gandhi and critically evaluate the role of the Indian National Army and the Indian Naval Mutiny of 1946 in the freedom struggle against the British
CO 7	Analyse the events leading to freedom and partition of India in 1947

Course Title: History of Contemporary India(1947 C.E.- 2000 C.E.)

Semester II

COURSE OUTCOME	DESCRIPTION
CO 1	Examine the process of integration of Princely States in India and analyse the role of Sardar Patel in it and the Making of Indian Constitution
CO 2	Analyze the social and economic reforms of Pandit Jawaharlal Nehru and its impact on Indian Society and Economy

CO 3	Critically evaluate the foreign policy of Pandit Nehru
CO 4	Understand the rise of Lal Bahadur Shastri and Indira Gandhi and socio-economic reforms introduced by them
CO 5	Review the factors that led to the imposition of National Emergency by Indira Gandhi and the role of the J.P. Movement
CO 6	Comprehend the achievements and failure of the Janata Government and analyse the return of the Congress to power
CO 7	discuss the Insurgency Movements (Punjab, Nagaland and Assam) and also to understand the Mandal commission and policy of reservation and New Economic Reforms

Course Title: Landmarks in Global History (1453 C.E. -1919 C.E.)

Semester III

COURSE OUTCOME	DESCRIPTION
CO 1	Comprehend the transition of Europe from medieval to modern times in the context of Renaissance in Europe and examine the features, causes and the impact of Renaissance movement that led to nuanced learning in the field of Art, Architecture, Literature and Science
CO 2	Explain the causes, effects and significance of the American, French and Industrial Revolution in Europe that challenged the old order
CO 3	Describe the concept that led to the emergence of nation states in Europe and enumerate the factors and that led to the Unification of Italy and Germany
CO 4	Gain insights into the forms of Imperialism, its causes and impact on the colonised Afro-Asian nations.

CO 5	Analyse the causes and effects of the World War I and comprehend the military strategies and technology used during the War
CO 6	Discuss the causes, impact and the role of Lenin in the Revolutions of Russia in 1917

Course Title: History of Ancient In (From Earliest Times to 300 B.C.E.)

Semester III

COURSE OUTCOME	DESCRIPTION
CO 1	Understand history of India in chronological framework.
CO 2	Comprehend the ideas, institutions, forces and movements that laid the foundation of Indian society from Pre-Historic times
CO 3	Study history of ancient India with the help of various literary and archaeological sources of Ancient India.
CO 4	Trace the determinants of changes in Political, Socio-Economic, Religious and Cultural life.
CO 5	Study the process of urbanization and formation of state.
CO 6	Examine the rise, growth and contribution of religious movements.

**Course Title: Landmarks in Global History
(1919 C.E 1945 C.E.)**

Semester IV

COURSE OUTCOME	DESCRIPTION
CO 1	Understand the process of modernization in West Asia and Soviet Union in early twentieth century under the leadership of Mustafa Kemal Pasha, Reza Shah and Joseph Stalin
CO 2	Trace the factors and events leading to the Chinese Revolution, 1911 with special emphasis on the role of Dr. Sun Yat Sen.
CO 3	Explain the concept of Zionism and its role in the creation of the State of Israel and gain knowledge about the Ideology and Origin of Arab Nationalism
CO 4	Obtain insights into the concept of features of fascism in Europe and explain the nature, domestic reforms and the failure of the totalitarian governments in Italy and Germany under the dictatorship of Benito Mussolini and Adolf Hitler
CO 5	Analyse the factors that led to the rise of militarism in Japan
CO 6	Gain insights into the technology, military strategies and the causes, consequences of the second world war

Course Title: History of Ancient India (300 B.C.E. to 1000 C.E.)

Semester IV

COURSE OUTCOME	DESCRIPTION
CO 1	Comprehend various approaches and interpretations of ancient history of India.
CO 2	Trace the emergence of Empires in ancient India.
CO 3	Evaluate contribution of various dynasties to the history of India.
CO 4	Understand the concepts and structures of ancient Indian administration

CO 5	Examine socio-cultural and economic developments of different regions and periods of ancient India
CO 6	Study ancient Indian art and architecture

**Course Title: History of Medieval India - Sultanate Period
(1000 C.E. to 1526 C.E.)**

Semester V

COURSE OUTCOME	DESCRIPTION
CO 1	Comprehend the transition of Indian History from ancient to medieval period.
CO 2	Understand the establishment and consolidation of Turkish power in India in the early medieval period
CO 3	Gain insight into theoretical and organizational changes in Medieval Indian administration
CO 4	Understand the rise of regional power and their contribution to socio cultural field.
CO 5	examine medieval Indian society, economy and the main religious trends
CO 6	Students will learn medieval polity and culture in historical perspective.
CO 7	Understand the nuances of art and architecture of Sultanate period

Course Title: History of Contemporary India(1947 C.E.- 1984 C.E.)

Semester V

COURSE OUTCOME	DESCRIPTION
CO 1	Gain insights into the rise of Rise of Pandit Jawaharlal Nehru and his Philosophy and also understand the making of Indian constitution
CO 2	Understand the social and economic reforms of Pandit Jawaharlal Nehru and impact of it on Indian society and Economy

CO 3	Examine the process of integration of Princely States in India and analyse the role of Sardar Patel into it.
CO 4	Trace the stages of linguistic reorganization of states in India and gain insights into the foreign policy of Pandit Nehru
CO 5	Understand the rise of Lal Bahadur Shastri and Indira Gandhi and reforms made by them
CO 6	Discuss the causes and consequences of emergency imposed by Indira Gandhi and J.P. Movement
CO 7	Describe the achievements and failure Janata Government and analyse the return of the Congress to power

Course Title: Archaeology and Heritage Tourism

Semester V

COURSE OUTCOME	DESCRIPTION
CO 1	Understand the meaning and definitions of archaeology and trace the history of Indian archaeology
CO 2	Discuss the relationship between archaeology with other sciences and describe the stages of field archaeology
CO 3	Comprehend the meaning and definitions of epigraphy and trace the history of Indian epigraphy
CO 4	Explain the types of inscriptions and contribution of epigraphy in the study of ancient Indian culture
CO 5	Understand the definitions of Numismatics and History of Indian Numismatics and contribution of ancient Indian coinage from Punch marked Coins to Gupta Coinage
CO 6	Analyze the Meaning, Scope and importance of Heritage tourism and gain insights into the World Heritage Sites in India and New Trends in Heritage Tourism

Course Title: History of Medieval India –Mughal Period**(1526 C.E. to 1707 C.E.)****Semester VI**

COURSE OUTCOME	DESCRIPTION
CO 1	Understand and interpret history of medieval India analytically and examine its impact on present-day Indian Polity and society Comprehend transition from sultanate toMughal period.
CO 2	Understand the establishment and consolidation of Mughal rule in India
CO 3	Examine the nature, structure and impact of Mughal ruleduring the medieval period
CO 4	Examine Mughal polity and administrative reforms andinstitutions introduced by the Mughal rulers
CO 5	Study rise of rise of new powers in Deccan.
CO 6	Trace rise of the Marathas under Chharapati Shivaji as acontestant to the Mughal Power.
CO 7	Study impact of the Mughal rule on medieval society, culture,art and architecture.

Course Title: History of Modern Maharashtra**(1818 C.E. to 1960 C.E.)****Semester VI**

COURSE OUTCOME	DESCRIPTION
CO 1	Understand the Historical Background of Maharashtra andanalyse the socio-economic and political conditions of Maharashtra in the beginning of nineteenth century
CO 2	Describe the contribution of Swami Ramanand Teerth in the Hyderabad Mukti Sangram and review the role of Samyukta Maharashtra Movement in the formation of thestate of Maharashtra
CO 3	Gain insights into the economic transformation of Maharashtra with special reference to Cotton and OpiumTrade and Bombay Stock Market

CO 4	Discuss the development of Textile mills in Maharashtra and trace the history of labour movements in Maharashtra
CO 5	Explain the rise of new forces with special reference to the movements of Dalits, Tribals and Peasants
CO 6	describe the development of Theatre, Cinema and Art and Architecture which paved the Cultural transformation of Maharashtra

Course Title: Museology, Archival Science and Library Science

Semester VI

COURSE OUTCOME	DESCRIPTION
CO 1	Understand the meaning and definitions of museology and trace the history of museum movement in India
CO 2	Discuss the types of museums and responsibilities of Curator in the museum
CO 3	Explain the various methods of collection of objects in museum with in-house and outreach activities of the museum and discuss various process involved in the conservation and preservation of the objects in Museum
CO 4	Understand the meaning and definitions of Archives and explain new trends in the archival management
CO 5	Explain various methods of collection, repository management and preservation of records in archives
CO 6	Describe the Meaning, Scope of Library Science and trace the Library movement in India
CO 7	Analyze the role of Librarian and discuss the types and methods of Cataloguing and Care of books in the library

DEPARTMENT OF GEOGRAPHY

Semester: - I - F.Y.B.A.

PAPER NO. I – GEOMORPHOLOGY (UAR1GE1)

By the end of the course, a student should develop the ability to:

1. Understand comprehensively the nature and scope of Geomorphology
2. Understanding the composition and structure of the interior of the earth and the types Rocks.
3. Understand the Diastrophic and catastrophic movements of the earth's surface
4. Understand the concept and types of weathering and erosion.
5. Understand the erosional and depositional landforms by the erosional agents.
6. Identification of contours, slopes and drawing of sections to depict contour landforms.

Semester: - II -F.Y.B.A. Geography**Course Outcomes:****PAPER NO. I – HUMAN GEOGRAPHY(UAR2GE1)**

By the end of the course, a student should develop the ability to:

1. Understand comprehensively the nature, scope, approaches, branches and concepts in Human Geography
2. Understanding the concept, types and patterns of rural and urban settlements.
3. Understand the determinants on growth, distribution and problems of population.
4. Understand the concept, causes, types, trends and consequences of migration.
5. Able to construct and interpret of line graphs and flow diagrams and other techniques.

Semester: - III - S.Y.B.A. Geography

PAPER NO. II - AN INTRODUCTION TO CLIMATOLOGY (UAR3GE2)

By the end of the course, a student should develop the ability to:

1. Understand the introduction to Climatology considering weather & climate, role of climate in human life, aims, nature, scope, and some other sub division of the course.
2. Understand weather phenomena winds, humidity, precipitation and winds.
3. Understand the process, methods of weather forecasting and climatic changes
5. Able to read and interpret the weather map and to construct the various graphs related to climatology.

PAPER NO. III – PHYSICAL GEOGRAPHY OF INDIA (UAR3GE3)

By the end of the course, a student should develop the ability to:

1. Understand importance of the location and the geographical personality of India.
2. Understand the variability of drainage pattern and climate in India.
3. Study of problems related to soil and forest depletion and their conservation methods.
4. Study of problems related to minerals and power resources and their conservation methods
5. Show the geographical features in the map of India.
6. Read, convert and prepare the map scale.

DEPARTMENT OF COMMERCE

Class & Sem.	Name of the Course		
F.Y.B.Com 1st sem	Accountancy and Financial Management - I	CO I	Learner came to know compulsory accounting standards issued by ICAI, its relevance to India in maintenance of accounts, disclosure and revenue recognition.
		CO II	Learner came to know various methods of stock valuation; methods which are recognised under AS-2, impact on profit if a method is changed.
		CO III	Learner came to know what is capital exp. and revenue exp. And distinction between them; its importance in preparation of final accounts.
		CO IV	Learner got the skill of preparing Final account of sole proprietary concern of manufacturing unit and trading unit.
		CO V	Learner developed the skill of preparing final accounts for departmental store, allocation of cost among different depts. On suitable basis.

		CO VI	Learner developed the skill of accounting of hire purchase transactions, calculation of interest, depreciation etc.
F.Y.B.Com 1ST SEM	Mathematical and Statistical Techniques-I	CO I	Students will be able to understand concept of Shares and Mutual fund, able to determine profit, rate of interest etc for the Investment.
		CO II	Students will be able to apply counting principles like combination and permutation in various problems.
		COIII	Students will know how to determine optimal solution graphically.
		CO IV	Students will be able to apply mean, mode, median, standard deviation etc. In different areas of commerce accounts and economics.
		CO V	Students will be able to calculate probability of basic real-life problems.
F.Y.B.Com 1ST SEM	Business communication - I	CO I	The program aims to develop communication skill.
		CO II	The program aims to develop communication skill.
		CO III	To build confidence to face the challenges of the corporate world.
		COIII	Create awareness shapes attitudes and overall improves interaction between People.
F.Y.B.Com 1ST SEM	Introduction to Business and Service Sector I	COI	Understanding Concept of Traditional and modern businesses
		COII	Clear New Trends in Business. e.g Privatization, Liberalization & Globalization.
		COIII	Obtaining the knowledge about Elements of Business Environment.
		COIV	Knowledge about Feasibility and Project Report.
		COV	Understanding the concept of Entrepreneurship, Entrepreneur and Women Entrepreneur.
F.Y.B.Com 1ST SEM	Foundation Course-I	COI	Students are made to understand the religious, linguistic and cultural diversity of the Indian society and its characteristics
		COII	Students are able to describe the nature of inequality and its causes and consequences on the society.
		COIII	Students are made to understand the nature of inequality caused due to these problems and find the solution.
F.Y.B.Com 1ST Sem	Business Economics	COI	Learners will be able to identify and diagnose Economic Problems.
		COII	Learners will be able to define Demand, Consumer Behaviour and to solve related numerical problem.
		COIII	Learners will be able to explain the concept of Supply, Production and illustrate the properties

			of Producers' Equilibrium.
		COIV	Learners will be able to list different types of Cost involved in the process of production, illustrate, and evaluate various Cost structure.
F.Y.B.Com 1ST Sem	E.V.S.	COI	Learners will get aware about Ecofriendly, Conservative approach towards surrounding environment.
		COII	Learners will be able to identify & analyse current environmental challenges such as-Hazardous Nature of Plastic Waste,Global Warming,Climate Change,Transportation Challenges,Man & Wildlife Conflicts,Pollution & Population Explosion.
F.Y.B.Com 2nd Sem	Accountancy and Financial Management - II	COI	Learners will be able to complete the incomplete accounting records of proprietor.
		COII	Learners will be able to Classify Transactions and prepare Branch Accounts.
		COIII	Learners will be able to recognize and calculate Fire Insurance Claims.
		COIV	Learners will be able to understand the techniques of computation of goodwill of the firm.
		COV	Learners will be able to understand the accounting tools in computerized environment.
		COVI	Learners will be able to recognize and employ various accounting technique and tools in respective areas.
		F.Y.B.Com 2nd Sem	Commerce – II Service Sector
COII	Learners will be able to apprehend the current trends in the retail industry.		
COIII	Learners will be able to gain knowledge and understand the applications of IT in business.		
COIV	Learners will be able to analyze current trends of E-Commerce which will enhance their employability.		
F.Y.B.Com	Economics- II	COI	Learners will be able to identify different market structures and diagnose market-based activities.

2 nd Sem		COII	Learners will be able to decipher the influence of degree of competition in the market
		COIII	Learners will be able to analyse pricing strategies and its impact on various markets with numerical understanding.
		COIV	Learners will be able to conceptualize Welfare, Market Failure, and role of Government in an economy.
F.Y.B.Com 2 nd Sem	Business Communication	COI	Learners will be able to identify and Facilitate the Corporate Skills essential for success in a professional workspace.
		COII	Learners will be able to classify and Correlate Ethics and Professionalism in Corporate Communication.
		COIII	Learners will be able to recall, Identify and Compose various types of Professional Correspondence.
		COIV	Learners will be able to Articulate and Formulate participation in various activities like GD, Mock Interviews, Presentations, Press conferences, etc
F.Y.B.Com 2 nd Sem	Environmental Studies -II	COI	Learners will get aware about Ecofriendly, Conservative approach towards surrounding environment
		COII	Learners will be able to identify & analyse current environmental challenges such as- Hazardous Nature of Plastic Waste, Global Warming, Climate Change, Transportation Challenges, Man & Wildlife Conflicts, Pollution & Population Explosion.
F.Y.B.Com 2 nd Sem	Foundation Course	COI	Learners will be able to analyse the LPG model and explain the impact of the same on contemporary society.
		COII	Learners will develop a better understanding of the Human Rights as per UDHR as well as of those enshrined in the Indian Constitution
		COIII	Learners will be able to explain various approaches towards understanding Ecology and undertake measures in Environmental Protection and Conservation.
		COIV	Learners will understand the effects of Stress and Conflicts and apply various Management tools for the same.
F.Y.B.Com 2 nd Sem	Mathematical & Statistical Techniques-II	COI	Learners will be able to Calculate Interest and Annuity, analyze and apply them in commercial field.
		COII	Learners will be able to Calculate simple ratios, convert the fractions, decimals, and percentages and apply in practical situations.
		COIII	Learners will be able to Construct and interpret different types of indices and identify the trends in the given set of data
		COIV	Learners will be able to Measure and explain probability, rules of probability and probability distributions and apply in practical and business

			context
		COV	Learners will be able to Compare and judge different decision-making processes using different Statistical tools
S.Y.B.Com 3rd Sem	Accountancy and Financial Management-III	COI	Learners will be able to carry out the preparation of financial statements of partnership firm
		COII	Learners will be able to implement the process of liquidation of the partnership firm
		COIII	Learners will be able to execute the process of amalgamation of partnership firms.
		COIII	Learners will be able to carry out the process of conversion of firm into company
		COIV	Learners will be able to understand and implement accounting for partnership firm.
S.Y.B.Com 3rd Sem	Financial Accounting and Auditing-I: Management Accounting	COI	Learners will be able to carry out various techniques of analysis and interpretation of financial statements
		COII	Learners will be able to relate accounting ratios with financial statement.
		COIII	Learners will be able to calculate the working capital requirement of business
		COIV	Learners will be able to evaluate investment proposal with different Capital Budgeting techniques.
		COV	Learners will be able to analyze and interpret the financial statements
S.Y.B.Com 3rd Sem	Commerce – III	COI	Learners will be able to explain and apply the concepts and approaches to management at workplace.
		COII	Learners will be able to apply the various techniques of planning and decision making.
		COIII	Learners will be able to plan an effective organizational structure
		COIV	Learners will be able to state the process of staffing, essentials of directing and controlling.
S.Y.B.Com 3rd Sem	Economics-III Introduction to Macro	COI	Learners will be able to relate the basic concepts and function of the economic framework.
		COII	Learners will be able to relate and compare between Classical and Keynesian approaches.
		COIII	Learners will be able to illustrate and solve the basic Economic Problem like Employment, Output and Inflation

		COIV	Learners will be able to recognise the functioning of the monetary policy and its implications on Indian economy
S.Y.B.Com 3rd Sem	Foundation Course-III	COI	Learners will get sensitized towards the socially disadvantaged sections of the society and thereby develop empathy towards them
		COII	Learners will get clarity on different types of disasters and the precautions and actions to be taken when disaster occurs
		COIII	The coursework will help the learners to develop scientific temperament.
		COIV	Learners will understand the essentials of communication in formal and informal settings.
S.Y.B.Com 3rd Sem	Business Law-I	COI	Learners will be able to demonstrate, an understanding of legal environment of business.
		COII	Learner will be able to identify contractual remedies available to them
		COIII	Learners will be able to communicate effectively using standard business and legal terminology
		COIV	Learner will be able to apply basic legal knowledge to business transaction.
S.Y.B.Com 3rd Sem	Co-operation		
S.Y.B.Com 4th SEM	Accountancy and Financial Management-IV	COI	Learners will be able to evaluate loss or gain on foreign currency transactions as per AS 11
		COII	Learners will be able to implement section 55 and 133 of Companies Act, 2013 for redemption of Preference shares
		COIII	Learners will be able to implement section 7 of the Companies Act, 2013 for redemption of Debentures
		COIV	Learners will be able to evaluate loss or gain during pre and post incorporation period.
		COV	Learners will be able to compare and summarize different accounting treatments of transactions related to redemption and conversion
S.Y.B.Com 4th SEM	Financial Accounting and Auditing-II: Auditing	COI	Learner will be able to understand the basic objective, Principles and Types of Audit.
		COII	Learners will be able to Relate the planning, procedure and Documentation in Audit.

		COIII	Learners will be able to execute internal control, internal check and audit techniques
		COIV	Learners will be able to summarize the requirements of being an Auditor and Audit Report.
		COII	Learners will be able to Understand and relate fundamentals of Auditing
S.Y.B.Com 4th SEM	Commerce IV	COI	Learners will be able to explain the types of production systems and list the various factors influencing productivity
		COII	Learners will be able to synthesize and apply various techniques of inventory and quality management
		COIII	Learners will be able to outline and understand the structure and functioning of Indian Financial Market
		COIV	Learners will be able to integrate and evaluate the changing trends in BFSI Sector
S.Y.B.Com 4th SEM	Economics-IV: Introduction to Public Finance	COI	Learners will be able to identify the basic components of Public Finance
		COII	Learners will be able compare between Public Goods and Private Goods
		COIII	Learners will be able to classify and calculate different types of Taxation
		CO VI	Learners will be able to identify the causes of increasing Public Expenditure and Public Debt
		COV	Learners will be able to recognise the functioning of the Fiscal policy and its implications on Indian economy
S.Y.B.Com 4th SEM	Foundation Course	COI	Learners will have a better understanding of the various rights and laws for the protection of the interests of citizens.
		COII	Learners will appreciate the presence of environmental concerns and thereby participate in environmental conservation
		COIII	Learners will develop a better knowledge of the present day technologies and the effective use of it.
		CO VI	Learners will be equipped with the skills required to appear for various competitive exams.
S.Y.B.Com 4th SEM	Business Law-II	COI	Learners will be able to demonstrate, an understanding of legal environment of business
		COII	Learner will be able to identify contractual remedies available to them

		COIII	Learners will be able to communicate effectively using standard business and legal terminology
S.Y.B.Com 4th SEM	Co-operation		
T.Y.B.Com 5th SEM	Financial Accounting	COI	Learners will be able to prepare and evaluate financial statements as per Companies Act.2013
		COII	Learners will be able to summarize and evaluate scheme of internal reconstruction u/s 66 of Companies Act 2013
		COIII	Learners will be able to evaluate and implement the accounting for buy back of share.
		CO VI	Learners will be able to estimate and summarize accounting process of underwriting of securities.
		CO V	Learners will be familiarized with Financial Accounting of Company
T.Y.B.Com 5th SEM	Financial Accounting and Auditing-IV: Cost Accounting	COI	Learners will be able to understand the fundamentals of Cost Accounting and preparation of statement of cost
		COII	Learners will be able to compute the inventory analysis in material cost
		COIII	Learners will be able to compute the incentive schemes in Labour cost
		CO VI	Learners will Classify & prepare Statement of Distribution of Overheads
		CO V	Learners will be able to compare & execute reconciliation of Financial & cost books
		CO VI	Learners will be able to understand and apply the various concepts of Cost Accounting
T.Y.B.Com 5th SEM	Commerce-V	COI	Learners will be able to understand the basic concepts of marketing
		COII	Learners will be able to apply, product and price marketing mix elements to different types of products and services
		COIII	Learners will be able to design and develop marketing mix for product and service
		COIV	Learners will be able to analyze key marketing dimensions
T.Y.B.Com 5th SEM	Economics-V	COI	Learners will be able to enumerate and describe the trade theories and associated concepts
		COII	Learners will be able to determine deduce the concepts associated with Free Trade, Protectionism and Trade Barriers
		COIII	Learners will be able to demonstrate the theoretical and numerical understanding of the

			Foreign Exchange Markets
		COIV	Learners will be able to summarize the economic cooperation with respect to other nations and international Organisation.
T.Y.B.Com 5th SEM	Export Marketing- I	COI	Learners will be able to understand the importance of export marketing and the problems and risks associated with it
		COII	Learners will be able to explain the global framework for export marketing
		COIII	Learners will be able to analyze the implications of Foreign Trade Policy
T.Y.B.Com 5th SEM	International Marketing	COI	Learners will be able to understand the importance of international marketing and the problems and risks associated with it
		COII	Learners will be able to analyze the implications of Foreign Trade Policy
T.Y.B.Com 6th SEM	Financial Accounting and Auditing : Financial Accounting	COI	Learners will learn the meaning and calculation of earning per share (EPS), borrowing costs like interest etc.
		COII	Learners will be able to understand the meaning of amalgamation and its legal provisions & all details of accounting as per AS-14
		COIII	Learners will be able to understand the provisions related to liquidation of companies in detail and how to do its accounting.
		COIV	Learners will have an in depth understanding of limited liability partnership including all its statutory provisions and preparation of final accounts
		COV	Learners will be familiarized with Financial Accounting of Company
T.Y.B.Com 6th SEM	Financial Accounting and Auditing-VI: Cost Accounting	COI	Learners will be able to execute the process of Contract Costing products. Excluding Equivalent units, Inter-process profit
		COII	Learners will be able to calculate the process cost and prepare process accounts
		COIII	Learners will be able to calculate the components of Marginal Costing
T.Y.B.Com 6th SEM	Commerce VI	COI	Learners will be able to understand key terms, concepts and practices within the field of HRM
		COII	Learners will be able to provide innovative solutions to problems in the fields of HRM
		COIII	Learners will be able to familiarize with different methods and techniques of human resource development

		COIV	Learners will be able to identify recent trends in HRM
T.Y.B.Com 6th SEM	Economics-VI	COI	Learners will be able to understand and comprehend the functioning of Indian Economy
		COII	Learners will be able to examine the functioning of Agricultural sector in India
		COIII	Learners will be able to determine and distinguish between Industrial and Service sector growth
		COIV	Learners will be able to summarize the role of BFSI in Indian Economy
T.Y.B.Com 6th SEM	Export Marketing-II	COI	Learners will be able to analyze and understand various decisions to be taken in respect of export product planning, pricing and solve problems based on FOB pricing
		COII	Learners will be able to understand and various decisions to be taken in respect of export distribution and promotion
		COIII	Learners will be able to explain the payment mechanisms in export marketing and the institutional support available for finance
		COIV	Learners will be able to develop a better understanding of the procedures and documentation involved in export marketing
T.Y.B.Com 6th SEM	International Marketing	COI	Learners will be able to analyze and understand various decisions to be taken in respect of export product planning, pricing and solve problems based on FOB pricing
		COII	Learners will be able to understand and various decisions to be taken in respect of export distribution and promotion

DEPARTMENT OF SCIENCE

CLASS&SEM.	NAME OF THE COURSE	COURSE OUTCOMES
F.Y.B.Sc SEM-I	Physical chemistry	<p>CO.1 – Explain the concept of electrolytes of weak acid and base and hydrolysis of salt.</p> <p>CO.2 – To understand various fundamental concepts of pH ,buffer solution ,acid base indicator.</p> <p>CO.3 – Demonstrate understanding of the crystal structure of cubic systems using diffraction pattern.</p> <p>CO.5 - To study physical significance of various properties of gas, liquid and solids</p>

	Inorganic chemistry	<p>CO.1- To understand the quantum mechanical model of an atom using uschrodinger equation.</p> <p>CO. 2 – Calculate the lattice energy using born lande and kapustinskii expression.</p> <p>CO.3 – To understand the significance of wave function and quantum number.</p> <p>CO.4 – To understand differentiate between metals , semiconductors and insulators based on the band theory.</p>
	Organic Chemistry	<p>CO-1. Understanding the Valence Bond Theory and MO Theory.</p> <p>CO-2. Understanding of the Stereochemistry of organic molecules.</p> <p>CO-3.Mechanistic approach of different organic reactions and reaction Intermediates</p>
F.Y.B.Sc SEM-II	Physical Chemistry	<p>CO-1. Understand the basic principles of Kinetic Theory of Gases.</p> <p>CO-2. Understand the Macroscopic Thermodynamics at equilibrium, Zeroth Law, 1st Law of Thermodynamics.</p> <p>CO-3. Adiabatic and Isothermal processes.</p> <p>CO-4. Work Done in isothermal and adiabatic processes.</p> <p>CO-5. Specific Heat and Kirchoff's Equation.</p> <p>CO-6. Joule-Thomson's Experiment.</p> <p>CO-7. Basic Principles of Kinetics of a reaction, rate of a equation.</p>

	<p>Inorganic Chemistry</p>	<p>CO-1. Define organic acids and bases and various theories of acid base .</p> <p>CO-2. Gather an in-depth knowledge about atomic structure. CO-3. Understand the periodicity of the elements.</p> <p>CO-4. Understand the concepts of a redox reaction.</p> <p>CO-5. Explain various phenomenon of redox reactions using Nernst Equation</p>
	<p>Organic Chemistry</p>	<p>CO-1. Understand the basics of Stereochemistry.</p> <p>CO-2. Understand the reaction mechanisms like SN1, SN2, E1, E2.</p> <p>CO-3. Basic idea reaction Thermodynamics and Kinetics.</p>
<p>S.Y.BSc SEM-III</p>	<p>Physical Chemistry</p>	<p>CO-1. Understanding of the concepts of viscosity.</p> <p>CO-2. Understanding the principles of electrochemistry. CO-3. Understanding the requirement of 2nd Law of Thermodynamics.</p> <p>CO-4. Understanding the concepts of Free Energy (G & A). CO-5. Spontaneity and directional sense of a process from Thermodynamic point of view.</p> <p>CO-6. Understanding the concepts of Chemical Equilibrium</p>
	<p>Inorganic Chemistry</p>	<p>CO-1. Thorough understanding of Chemical Bonding with special Emphasis on Ionic, Covalent bonding.</p> <p>CO-2. Concepts of weak bonds like Hydrogen Bond, van der Waals bond.</p> <p>CO-3. Understanding the concepts of Molecular Orbital Theory.</p> <p>CO-4. Metallic bonding and concepts of semi-conductors</p>

	Organic Chemistry	<p>CO-1. Understanding of the chemistry of unsaturated compounds.</p> <p>CO-2. Aromatic substitution reaction mechanisms.</p> <p>CO-3. Understanding of various reactions of the Carbonyl Group.</p> <p>CO-4. Elementary idea of Green Chemistry.</p> <p>CO-5. Understanding of Organometallic chemistry.</p>
	Analytical Chemistry	<p>CO-1. Understanding of the Fundamentals of Analytical Chemistry.</p> <p>CO-2. To carry out the analysis of a soil sample.</p> <p>CO-3. To carry out the analysis of a water sample.</p> <p>CO-4. To carry out the analysis of various food products. CO-5. Understanding of Chromatography.</p>

S.Y.BSc SEM-IV	Physical Chemistry	<p>CO-1. Understanding of applications of the Laws of Thermodynamics.</p> <p>CO-2. Concepts of Ionic Equilibrium.</p> <p>CO-3 Understanding of EMF and Electrochemical Cell. CO-4. Understanding of surface phenomena like surface tension, Adsorption, Colloids.</p> <p>CO-5. Basic principles of Nano Science</p>
	Inorganic Chemistry	<p>CO-1 Understanding of the basic principles of Metallurgy. CO-2. Detailed knowledge of s- and p-block elements. CO-3. Detailed study of the Noble gases.</p> <p>CO-4. Elementary idea of Inorganic polymers.</p> <p>CO-5. Thorough understanding of Co-ordination Chemistry.</p> <p>CO-6. Isomerism of Inorganic Compounds.</p> <p>CO-7. IUPAC nomenclature of Inorganic compounds.</p>

	Analytical chemistry	<p>CO.1 – know the different analytical techniques.</p> <p>CO.2 – To understand different types of separation techniques.</p> <p>CO.3 – To study principle, construction and working of GC and HPLC.</p> <p>CO.4 – To give an extended knowledge about chromatographic.</p>
	Organic Chemistry	<p>CO-1.Detailed study of organic nitrogenous compounds.</p> <p>CO-2. Rearrangement reactions and their mechanism.</p> <p>CO-3. Development of Logic of Organic Synthesis.</p> <p>CO-4.Understanding of asymmetric synthesis.</p> <p>CO-5. Understanding of Organic spectroscopy with special emphasis To UV-Vis, IR, NMR spectroscopy and their applications</p>

T.Y.BSc SEM-V	Inorganic Chemistry	<p>CO-1. Thorough understanding of Co-ordination chemistry in the light Of VBT, CFT, LFT.</p> <p>CO-2. Understanding of the colour and spectra of co-ordination Compounds and their magnetic properties.</p> <p>CO-3. Detailed study of d- and f- transition elements.</p> <p>CO-4. Detailed study of Lanthanides and Actinides.</p>
	Organic Chemistry	<p>CO-1. Detailed study of Carbocycles and Heterocycles.</p> <p>CO-2. Understanding of the stereochemistry of cyclic compounds.</p> <p>CO-3. Understanding of Pericyclic reactions.</p> <p>CO-4. Thorough study of Carbohydrates.</p> <p>CO-5. Study of amino acids, peptides and nucleic acids</p>

	Physical Chemistry	<p>CO-1.Describe molecular, vibrational, rotational, Raman spectroscopy, selection rule .</p> <p>CO-2.Interpret NMR, ESR spectra after acquiring knowledge of its function, principle, chemical shift .</p> <p>CO-3.Compare nuclear fission and nuclear fusion .</p> <p>CO-4.Calculate various parameters involved photochemistry .</p>
	Analytical Chemistry	<p>CO-1.Understand the concept of sources of errors in measurement.</p> <p>CO-2.Know the classification of titrimetric analysis .</p> <p>CO-3.Study of instrumentation techniques i.e. HPLC, GC</p> <p>CO-4.Be familiar with pharma-related regulatory topics such as ISO, FDA, GLP, GMP and TQM .</p> <p>CO-5.Unravel and solve various numerical problems in analytical chemistry</p>

T.Y.B.Sc SEM-VI	Inorganic Chemistry	<p>CO-1. Developing the idea and concepts of Bio-inorganic chemistry.</p> <p>CO-2. Understanding of Organometallic chemistry from Inorganic Point of view.</p> <p>CO-3. Study of catalysis by organometallic compounds.</p> <p>CO-4. Understanding inorganic reaction mechanism and kinetics.</p>
	Physical Chemistry	<p>CO-1. Understanding of molecular spectroscopy using Born-Oppenheimer approximation.</p> <p>CO-2. Developing the concepts of Photochemistry.</p> <p>CO-3. Various kinds of resonance spectroscopy like NMR, ESR.</p> <p>CO-4. Understanding of Catalysis with a deeper insight</p>

Analytical Methods in Chemistry	<p>CO-1. Understanding and application of Lambert-Beer's Law. CO-2. Understanding the basic principles of UV-Vis & IR spectroscopy.</p> <p>CO-3. Understanding of thermal methods like TG, DSC.</p> <p>CO4. Understanding of Electro analytical methods like conductometry, potentiometry.</p> <p>CO-5. Understanding of separation techniques like GC, HPLC, TLC.</p>
Organic Chemistry	<p>CO.1 – To understand the theory of colours and constitution as well as the chemistry of dyeing.</p> <p>CO.2. – Have better knowledge of the chemistry of natural and synthetic polymers including fabrics and rubbers.</p> <p>CO.3 – Know applications of various types of dyes including those in foods and textiles.</p> <p>CO.4 – Learn about basic principles of UV, IR And NMR spectroscopic techniques.</p>



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Arts, Com & Science College
Kolad, Tal -Roha, Dist. -Raigad