

श्रीपतराव चौगुले आर्ट्स अँड सायन्स कॉलेज,  
माळवाडी – कोतोली, ता. पन्हाळा, जि. कोल्हापूर.  
मराठी विभाग

## COURSE OUTCOMES

वर्ग	पेपरचे नांव	outcome
बी. ए. – २ सेमिस्टर – ३	पेपर – ३ काय डेंजर वारा सुटलाय – नाटक मराठी भाषिक कौशल्ये	१. नाटक या वाङ्मय प्रकाराचे आकलन झाले. २. विद्यार्थ्यांमध्ये सभ्यता, संस्कृती, राष्ट्रीय एकात्मता व बंधुता निर्माण झाली. ३. विद्यार्थ्यांमध्ये संवादलेखनकौशल्ये विकसित झाले.
बी. ए. – २ सेमिस्टर – ४	पेपर – ५ माती, पंख आणि आकाश, आत्मचरित्र – भाषिक कौशल्ये	१. आत्मचरित्र या वाङ्मय प्रकाराची ओळख झाली. २. ज्ञानेश्वर मुळे यांच्या व्यक्तिमत्त्वाची जडण – घडण आणि त्यांचा समकालाची ओळख झाली. ३. विद्यार्थ्यांमध्ये आत्मवृत्तपर लेखन कौशल्ये विकसित झाले.
बी. ए. – २ सेमिस्टर – ३	पेपर – ४ काव्यगंध, मराठी भाषिक कौशल्ये	१. मराठी काव्यपरंपरा व प्रवाहांची ओळख विद्यार्थ्यांमध्ये झाली. २. विद्यार्थ्यांमध्ये काव्य लेखनकौशल्ये विकसित झाले.
बी. ए. – २ सेमिस्टर – ४	पेपर – ६ जुगाड – मराठी भाषिक कौशल्ये	१. विद्यार्थ्यांमध्ये कादंबरी वाङ्मय प्रकाराची ओळख झाली. २. विद्यार्थ्यांला मानवी मूल्यांची जाणीव निर्माण झाली ३. विद्यार्थ्यांमध्ये वृत्तांत लेखनकौशल्ये विकसित झाले.

## Department of Hindi

### Course outcome

अ.न. Sr. No.	कक्षा Class	प्रश्नपत्र का नाम Course Name	नतिजा Outcome
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1	बी. ए. भाग 1	प्रश्नपत्र I आधुनिक हिंदी साहित्य	छात्र श्रेष्ठ लेखक तथा कवियों के साहित्य से परिचित हुए। साहित्य में चित्रित सामाजिक समस्याओं के प्रति सजगता निर्माण हुई।
2		प्रश्नपत्र II उपन्यास तथा व्याकरण	छात्र गद्य विधा तथा श्रेष्ठ उपन्यासकार से परिचित हुए। उपन्यास में चित्रित सामाजिक समस्याओं के प्रति सजगता निर्माण हुई। व्याकरण की जानकारी प्राप्त हुई।
3	बी. ए. भाग 2	प्रश्नपत्र III आधुनिक गद्य साहित्य	कथा साहित्य स्वरूप तत्त्व एवं प्रकारों का अध्ययन करना। कथेतरसाहित्यकासमिक्षात्मकअध्ययनकरना।
4		प्रश्नपत्र IV मध्यकालिन तथा आधुनिक काव्य	छात्रोंकोमध्यकालीनकवियोंसेपरिचितकरना। छात्रों में नीति मूल्य , राष्ट्रीय मूल्य एवं उत्तरदायित्व के प्रति आस्था निर्माण करना।
5		प्रश्नपत्र V आधुनिक गद्य साहित्य	छात्रों में हिंदी में कार्य करने की विचार क्षमता, कल्पनाशीलता एवं रुचि विकसित करना। रोजगारउन्मुखशिक्षाएवंकौशल्यप्रदानकरना। पत्राचारकेस्वरूपकापरिचयकरना।
6		प्रश्नपत्र VI मध्यकालिन तथा आधुनिक काव्य	छात्रोंकोहिंदीकवियों से परिचित कराना। छात्रोंकीहिंदीसाहित्यकेप्रतिश्रवण, पठण एवं लेखन की क्षमता को विकसित कराना।
7	बी. ए. भाग 3	प्रश्नपत्र VII विधा विशेष का अध्ययन	छात्र श्रेष्ठ उपन्यासकार से परिचित हुए। उपन्यास में चित्रित सामाजिक समस्याओं के प्रति सजगता निर्माण हुई।
8		प्रश्नपत्र VIII साहित्यशास्त्र	छात्र साहित्य के स्वरूप तथा उद्देश्य से परिचित हुए। साहित्य की विधाओं का परिचय प्राप्त हुआ।
9		प्रश्नपत्र IX हिंदी साहित्य का इतिहास	छात्र हिंदी साहित्य का इतिहास से परिचित हुए।
10		प्रश्नपत्र X प्रयोजनमूलक हिंदी	रोजाना प्रयुक्त हिंदी शब्द तथा व्यावहारिक उपयुक्त हिंदी से छात्र परिचित हुए।
11		प्रश्नपत्र XI भाषाविज्ञान	छात्र भाषा तथा हिंदी भाषा और लिपि से परिचित हुए।
12		प्रश्नपत्र XII विधा विशेष का अध्ययन	छात्र साहित्य की विविध विधाओ से परिचित हुए।
13		प्रश्नपत्र XIII साहित्यशास्त्र	छात्र साहित्य के स्वरूप तथा उद्देश्य से परिचित हुए। साहित्य की विधाओं तथा हिंदी आलोचना का परिचय प्राप्त हुआ।

14		प्रश्नपत्र XIV हिंदी साहित्य का इतिहास	छात्र हिंदी साहित्य के गद्य एवम काव्य के विकासक्रम तथा विशेषताओं से परिचित हुए।
15		प्रश्नपत्र XV प्रयोजनमूलक हिंदी	रोजाना प्रयुक्त हिंदी शब्द, व्यावहारिक उपयुक्त हिंदी, अनुवाद तथा संदर्भ स्रोत से छात्र परिचित हुए।
16		प्रश्नपत्र XVI भाषाविज्ञान	छात्र हिंदी भाषा, मानक वर्तनी तथा व्याकरण से परिचित हुए।

**DEPARTMENT OF ENGLISH**  
*Academic year 2019-20*

Sr. No.	Class	Course Name	Outcomes
1.	B.A.I	Ability Enhancement Compulsory Course	1) Acquiring communication skills among the students. 2) Implanting human values among the students through poem and

		(Com. English)	prose. 3) Improving the language competence of the student and developed vocabulary, Basic English Grammar.
2.	B.A.I	Introduction to English Literature: The Short Story and the Novel (Optional English)	1) Understanding the short –story as a minor form of literature. 2) Introducing the core meaning of the Short –stories prescribed. 3) Understanding literary appreciation competence among the students.
3.	B.A.II	English for Communication (Com. English)	1) To enable the students to develop communication skills in English both oral and written. 2) To equip the student with language skills for use in their personal academic and professional lives. 3) To help the students essential employability skills and enter the job market with confidence and the ability to work effectively. 4) To help the students to learn and practice both language and soft skills.
4.	B.A.II	Modern English Literature (Optional English)	1) Understanding elements of Modern British Poetry 2) Introducing the contribution of Modern Poets in Literature. 3) Identifying the differences between poem and play.
5.	B.A.II	Indian English Literature (Optional English)	1) Understanding the features of Indian Novels 2) Acquiring the importance of the novel in the history of English Literature. 3) Introducing the nature and function of Indian Poetry. 4) Providing the practical training for critical analysis or appreciation of text among the students.
6.	B.A.III	English for Communication	1) Making students acquiring English for everyday life as well as for specific purposes in their discipline of study. 2) Introducing a variety of communication skills right from basic knowledge. 3) Understanding communication skills in English.
7.	B.A.III	Literary Criticism and Appreciation	1) Understanding the basic concepts of literary criticism. 2) Studying some critical approaches. 3) Introducing the students a few critical and literary terms. 4) Providing practical training in a literary appreciation.
8.	B.A.III	Understanding Drama	1) Understanding variety of forms of literature. 2) Creating interest among the students of literature. 3) Knowing major literary genres and periods. 4) Understanding critical appreciation of English Literature.

Sr. No.	Class	Course Name	Outcomes
9.	B.A.III	Understanding Poetry	1) Understanding the variety of forms of literature. 2) Understanding the types of poems and their functions. 3) Knowing general characters and personality of poets
10.	B.A.III	Understanding Novel	1) Understanding the novel as major form of literature. 2) Acquiring the skill of literary appreciation among the students. 3) Learning the elements and forms of novel and their functions. 4) Creating awareness of humanity and value of culture through the form of novel.

11.	B.A.III	<b>The Structure and Function of Modern English</b>	<ol style="list-style-type: none"> <li>1) Understanding basic concepts in linguistics.</li> <li>2) Acquiring the student with the phonology and structure of Modern English.</li> <li>3) Introducing the importance of English is indispensable in the Globalization IT world.</li> <li>4) Understanding how the English sounds are pronounced.</li> <li>5) Teaching the units which are the basic of structure including classes of word, phrases, and sentences.</li> <li>6) Learning the concepts of cohesive and cohesion devices and discourse analysis.</li> <li>7) Understanding the comprehensive of a passage for identifying cohesive devices.</li> </ol>
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## Department of History

Sr.No.	Class	Course Name	Outcomes
1.	B.A.I	Paper No. I The Rise of the Maratha Power	<ul style="list-style-type: none"> <li>• Understanding the history and the importance of historical instruments ,evidence.</li> <li>• Understanding the Political , Social, Economic and Geographical situation in the time of Maratha Power .</li> </ul>
		Paper No. II Polity , Society & Economy Under the Maratha	<ul style="list-style-type: none"> <li>• Learning of Chh. Shivaji Maharaj's system of social, Economical and political.</li> </ul>
2.	B.A.II	Paper No.III History of Modern Maharashtra (1900-1960)	<ul style="list-style-type: none"> <li>• Understanding the beginning , growth and contribution of Maharashtra to National Movement .</li> <li>• Understanding various movements, workers, women, backward classes and major events which led to the formation of separate state of Maharashtra</li> </ul>
		Paper No. IV History of India (1757-1857)	<ul style="list-style-type: none"> <li>• Understanding significant events leading to establishment of the rule of East India Company</li> <li>• Understanding colonial policy, structural changes</li> </ul>

			and various revolts against rule of East India Company.
		Paper No. V History of Modern Maharashtra (1960-2000)	<ul style="list-style-type: none"> <li>• Understanding contribution of eminent leaders of Maharashtra.</li> <li>• Getting information about economic transformation, changes in society and growth of education.</li> </ul>
		Paper No. VI History of Freedom Struggle (1858-1947)	<ul style="list-style-type: none"> <li>• Getting information about the events which lead to the growth of nationalism in India.</li> <li>• Understanding major events of the freedom struggle under the leadership of Mahatma Gandhi</li> <li>• Understanding contribution of revolutionaries, left movement, Indian national army and concept of Communalism.</li> </ul>
3.	B.A.II (IDS)	Paper No. I Social reforms in India	<ul style="list-style-type: none"> <li>• Understanding features of prominent Socio-religious reform movements.</li> <li>• Understanding thought and work of Mahatma Phule, Rajashri Shahu Maharaj, Babasaheb Amedkar.</li> </ul>
	B.A.II (IDS)	Paper No. II Social reforms in Maharashtra	<ul style="list-style-type: none"> <li>• Understanding beginning of social reforms in Maharashtra by the Paramhansa Mandli and Prarthna Samaj.</li> <li>• Understanding contribution of women reformers</li> </ul>
4.	B.A.III	Paper No. VII History of Ancient India ( From Prehistory to 3 <sup>rd</sup> c. BC)	<ul style="list-style-type: none"> <li>• Getting information about Hadappa Sanskruti.</li> <li>• Understanding Vedic culture.</li> </ul>
		Paper No. VIII Political History of Medieval India	<ul style="list-style-type: none"> <li>• Understanding Sultan Emperors</li> <li>• Getting information about Akabar, Shahajan, Aurangajeb's political dominance</li> </ul>
		Paper No. IX India Since Independence I	<ul style="list-style-type: none"> <li>• Learning of political parties, Agriculture development, Industrialization, Foreign policy, problems of Indians Social Movement, Globalization, Hbralisation, Privatization etc.</li> </ul>
		Paper No. X History of the Maratha	<ul style="list-style-type: none"> <li>• Understanding detail study of social Economic. cultural life - style of Shahu and Tarabai' s struggling , Balaji Vishwanath, Frist Bajirao , Balaji Bajirao ,Third Battle of Panipat during 1707 to 1818 of History of the Martha.</li> </ul>
		Paper No. XI Introduction of Historiography	<ul style="list-style-type: none"> <li>• Getting information about how to write history.</li> <li>• Understanding the tool of writing history.</li> </ul>
		Paper No. XII History of Ancient India ( From 3 <sup>rd</sup> c. BC to 7 <sup>th</sup> c. AD)	<ul style="list-style-type: none"> <li>• Collecting information from Maurya period to Harshvardhan Period of Political History in the period of Ancient India.</li> </ul>
		Paper No. XIII Socio- Economic and Cultural History of Medieval India (1206-1707 AD)	<ul style="list-style-type: none"> <li>• Understanding of Mughal Emperors career.</li> <li>• Understanding Social, economic and cultural history of Medieval India.</li> </ul>

		Paper No. XIV India since Independence- II	<ul style="list-style-type: none"> <li>• Getting information about basic principles, Objectives and Determinants of Foreign Policy.</li> </ul>
		Paper No. XV Modern Maharashtra (1960-2000)	<ul style="list-style-type: none"> <li>• Understanding an information regarding the background of Modern Maharashtra and its establishment.</li> <li>• Understanding the social Economic and cultural life of Modern Maharashtra</li> </ul>
		Paper No. XVI Applications of History	<ul style="list-style-type: none"> <li>• Understanding importance of History</li> <li>• Getting information about Conservation and Preservation historical painting, monuments.</li> </ul>

## Department of Political Science

### Course Outcome

Sr.NO.	Class	Course Name	Outcome
1	B.A.I	Course I- Indian Government	Student get Information about Indian Constitution & Preamble, Fundamental Rights, directive Principal of state policy, Organization of Union Government & Supreme Court
2		Course II- Political Process in India	Student get Information about Center-state religion, Electoral Process in India, Political Parties, National building Process in India & Challenges Before it
3	B.A.II	Course III- Political Process in India	Student get Information about Center-state religion, Electoral Process in India, Political Parties, National building Process in India & Challenges Before it
4		Course IV- Indian Political Thought	Kautilya, Mahatma Phule, M.G.Ranade, B.G.Tilak .Their Political & Social Works .
5		Course V- Local Self Government And Movement in Maharashtra	To comprehended the rural & urban local self Government and Social movement
6		Course VI- Indian Political Thought	M. K. Gandhi, Dr. B. R. Ambedkar & Pandit Jawaharlala Neharu, M.N.Roy.Their Political & Social Works .
7	B.A.III	Course VII- To understood Integrity	Students get an information about organs of government machinery and presentation.
8		Course VIII- Public Administration	Understanding the essence of public Administration ,its effectiveness in translating the governing philosophy into programmes .
9		Course IX- International Politics	Giving an information and current situation of International politics among the students.
10		Course X- Constitution of United state of America	Students get an information of constitution of united state of America ,its process ,background and how to analysis and evaluated critically it.
11		Course XI- Classical Western Political Thought	Collecting an information of Western classical tradition from Plato to Montesquieu and legacy thinkers with his torical aspects of western state and society for among the students.
12		Course XII- Modern Political	Student get an information regarding concepts such as –Feminism



		Concept	,Multiculturalism ,Environmentalism and Civil society etc.
13		Course XIII- Administrative Thinkers	Emphasizing on administration thinkers as Henri Fayal .Max Weber ,R. Likert , F. W. Riggs in public Administration among the student.
14		Course XIV- Foreign Policy of India	Students aware of foreign policy of India with U.S.A., Russia and neighboring countries as well as the current national and international political situation.
15		Course XV- Constitution of China & Sweden	Understanding the constitution of China & Sweden ,its background .comparative perspectives among the student. -Students get an idea about the political Institutions and its processes the actual politics and policy making.
16		Course XVI Modern western political Thinkers.	Getting an ideas and thoughts of modern Western political thinkers such as Hegal .Karl Marx,N.Lenin and Gransci

## Science Technology and Development

### Course Outcome

Sr.NO.	Class	Course Name	Outcome
1	B.A.I	Course I and II - Science Technology and Development	<ul style="list-style-type: none"> <li>• To Expose B.A. I Student to the inventions in Science &amp; Technology &amp; Its Impact on human life</li> <li>• To give knowledge of science &amp; technology &amp; its impact on Social &amp; Culture Development</li> <li>• Acknowledgement Of Science &amp; technology to students of Arts</li> </ul>

## DEPARTMENT OF SOCIOLOGY–OUTCOMES

Sr. No.	Class	Course Name	Outcomes
1	B.A.-I	Paper No.-I Introduction to Sociology	Understanding the nature of and scope of Sociology .
2	B.A.-I	Paper No.-II Applied Sociology	Understanding the change of Modern Sociology
3	B.A.-II	Paper No.- III yteicoS naidnI fo erutcrtS	Understanding the importance of the Diversity and Unity among the student.
4	B.A.-II	Paper No.- IV aidnI ni smelborP laicoS	Understanding the problems of Poverty and Population among the students.
5	B.A.-II	Paper No.- V naidnI ni egnahC laicoS yteicoS	Understanding the role of social reformers in social changes among the students.
6	B.A.-II	Paper No.- VI ni smelborP laicoS aidnI yraropmetnoC	Student realize the problem that occur during old age.
7	B.A.-III	Paper No.-IIV lacigoloicoS nretseW sereknihT	The student tried to imitate the thoughts of the western thinker.
8	B.A.-III	Paper No.- VIII laicoS fo sdohteM (I-traP) hcraeseR	The researchers of social research have knowledge of qualities that must be near.
9	B.A.-III	Paper No.-XI ygoloicoS laruR	In general the students of rural life have become aware. <b>dnA</b> Student got a review of the development of rural Communities
10	B.A.-III	Paper No.-X ygoloicoS lairtsudnI	Students got to know how to do business management
11	B.A.-III	Paper No.-IX ygoloporhtnA laicoS	Students get real life in noitamrof from in naid tribal people.
12	B.A.-III	Paper No.-IIX lacigoloicoS naidnI sreknihT	Sociology students understood thl en naidpractice of study
13	B.A.-III	Paper No.-IIIX laicoS fo sdohteM hcraeseR	Students learned various methods of research.
14	B.A.-III	Paper No.-VIX aidnI ni ygoloicoS laruR	Students understood how the indian village community was re.tiub
15	B.A.-III	Paper No.-VX ygoloicoS lairtsudnI	Students get informatiOn the recent flow of business.
16	B.A.-III	Paper No.-IVX ygoloporhtnA laicoS	dna ymonoce eht fo noitamrofni eht koot stnedutS .slabirt eht fo tnempolved

# DEPARTMENT OF ECONOMICS –OUTCOMES

**2019-20**

Sr. No.	Class	Course Name	Outcomes
1	B.A.I	Course - Indian Economy -I	<ol style="list-style-type: none"> <li>1. To acquaint the students with various dimensions as also the challenges, confronting the Indian economy</li> <li>2. To provide useful insights to the students about the present economic standing and composition of the Indian economy.</li> </ol>
2	B.A.I	Course - Indian Economy -I	<ol style="list-style-type: none"> <li>1. To understand of Indian economy and the major challenges faced by it.</li> </ol>
3	B.A.-II	Course - IGE Principals of Co-operation	<ol style="list-style-type: none"> <li>1. The Objective of this paper is to create awareness about the working of co-operative in rural and urban area the co-operative movement has been considered as the third important sector in the economy followed by private and public sector.</li> </ol>
4	B.A.-II	Course - IGE Co-operative in India	<ol style="list-style-type: none"> <li>1. The co-operative movement has been considered as the third important sector in the economy followed in Indian context.</li> </ol>
5	B.A.-II	Course -III Macro economics Sem.- 3	<ol style="list-style-type: none"> <li>1. To introduce the basic primary and analytically important concept theories and policies in the working of the economy to the student and measure to insure and achieve the fundamental objectives of macroeconomic policy.</li> </ol>
6	B.A.-II	Course -IV Money and Banking Sem. -3	<ol style="list-style-type: none"> <li>1. To create awareness among the Student and job prospects in banks financial sector clear understanding of the operation of banks and financial institution to the student with practical inputs.</li> </ol>
7	B.A.-II	Course -III Macro economics Sem.- 4	<ol style="list-style-type: none"> <li>1. To understand the basic theoretical frame work underline in the field of macro economics to the student.</li> </ol>
8	B.A.-II	Course -III Bank and financial market Sem.- 4	<ol style="list-style-type: none"> <li>1. To create awareness among the Student and job prospects in banks financial sector clear understanding of the operation of banks and financial institution to the student with practical inputs.</li> </ol>

9	B.A.-III	Course -VII Micro economics Sem.- 5	<ol style="list-style-type: none"> <li>1. To understand the decision making of consumer.</li> <li>2. To understand the nature of revenue and cost of production</li> </ol>
10	B.A.-III	Course -VIII Research Methodology in Economics (Part 1) Sem.- 5	<ol style="list-style-type: none"> <li>1. To get acquainted with research in Economics</li> <li>2. To study the various aspects of research in Economics</li> </ol>
11	B.A.-III	Course - IX History of Economic Thoughts(Part-I) Sem.- 5	<ol style="list-style-type: none"> <li>1. To understand the development of economic thoughts.</li> <li>2. To Understand the economic thoughts of classical, Nationalist and socialist Thinkers</li> </ol>
12	B.A.-III	Course-X Economics of Development Sem.- 5	<ol style="list-style-type: none"> <li>1. To know the concept and aspects of economic Development.</li> <li>2. To understand the theories of economic growth and Development</li> </ol>
13	B.A.-III	Course-XI International Economics(Part-1) Sem.- 5	<ol style="list-style-type: none"> <li>1. To understanding the basic principles that tend to govern the free flow of trade in goods and services at the global level. To know the impact of free trade and protective trade on the different sector of the economy.</li> <li>2. To trained about the rational of recent changes in the export and import policies of India to the student</li> </ol>
14	B.A.-III	Course -XII Market and Pricing Sem.- 6	<ol style="list-style-type: none"> <li>1. To understand the market structure.</li> <li>2. To understand pricing in different markets and factor pricing.</li> </ol>
15	B.A.-III	Course -XIII Research Methodology in Economics (Part 2)	<ol style="list-style-type: none"> <li>1. To study the sampling techniques as a method data collection</li> <li>2. To Study the various aspects of data processing and analysis.</li> </ol>

16	B.A.-III	Paper No –XIV History of Economic Thoughts (Part-2) Sem.- 6	<ol style="list-style-type: none"> <li>1. To understand the economic concepts and theories of Neo-classical and Indian thinkers.</li> <li>2. To understand the development of Indian economic thoughts.</li> </ol>
17	B.A.-III	Paper No- XV Economics of planning Sem.- 6	<ol style="list-style-type: none"> <li>1. To understand the concept and issues of economic planning.</li> <li>2. To know the about Indian economic planning.</li> </ol>
<b>18</b>	B.A.-III	Course-XI International Economics(Part-2) Sem.- 6	<ol style="list-style-type: none"> <li>3. To know the impact of free trade and protective trade on the different sector of the economy.</li> <li>4. To trained about the rational of recent changes in the export and import policies of India to the student</li> </ol>

## Department of Geography

### Outcomes

Sr. No	Class	Course Name	Outcome
1	B.A.I	1.Physical Geography	<ul style="list-style-type: none"> <li>To understanding the Physical setup of country</li> </ul>
2	B.A.I	2. Human Geography	<ul style="list-style-type: none"> <li>Understand world the human geography .Especially Population, Settlement, and Agriculture</li> </ul>
3	B.A.II	3.Soil Geography	<ul style="list-style-type: none"> <li>Recognizing the basic concept soil Geography controlling factors of Soil erosion ,degradation conservation of soil</li> </ul>
4	B.A.II	4.Agriculture Geography	<ul style="list-style-type: none"> <li>Understanding the agriculture and its importance</li> </ul>
5	B.A.II	5.Oceanography	<ul style="list-style-type: none"> <li>Study the Oceanography and marine as a key recourse for the development of the country</li> </ul>
6	B.A.II	6.Resource Geography	<ul style="list-style-type: none"> <li>Understand the concept and classification of resources ,examine the major resources To study the sustainable resource development .</li> </ul>
7	B.A.III	7.Physical Geography Of India	<ul style="list-style-type: none"> <li>Acquainting the distinct dimensions of India and understanding the physical set up of the Country.</li> </ul>
8	B.A.III	8.Research Methodology	<ul style="list-style-type: none"> <li>To understanding the concepts, of research methodology , Applying ICT in geography its skill among the students.</li> </ul>
9	B.A.III	9.Economic Geography	<ul style="list-style-type: none"> <li>Getting ideas about Economic geography Human Activities Resources. Among the Students .</li> </ul>
10	B.A.III	10.Economic Geography Of India	<ul style="list-style-type: none"> <li>Understanding the Economic set up of the country</li> </ul>
11	B.A.III	11.Political Geography	<ul style="list-style-type: none"> <li>Creating awareness about the role of the Geographical factors</li> </ul>
12	B.A.III	12.Urban Geography	<ul style="list-style-type: none"> <li>Understanding the urban areas growth and urbanization</li> </ul>
13	B.A.III	13.Practical Paper -13	<ul style="list-style-type: none"> <li>Introducing the students the Map making, and Map Interpretation</li> </ul>
14	B.A.III	14.Practical Paper -14	<ul style="list-style-type: none"> <li>To Introducing the Students the importance of fieldworks and advanced Techniques in Geography</li> </ul>

**Department of Computer Science**

COURSE OUTCOME: 2020-21

Sr.No	Class	Course Name	Outcomes
1	B.Sc-I	DSC-11A Problem Solving Using Computers.	<ol style="list-style-type: none"> <li>1. To understand problem solving using computer.</li> <li>2. To learn Linux Operating System and C Programming Language.</li> </ol>
2	B.Sc I	DSC-12A Database Management System	<ol style="list-style-type: none"> <li>1. To understand database and different models.</li> <li>2. Learn SQL and concept object modeling.</li> </ol>
3.	B.Sc I	DSC-11B Programming Skills Using 'C'.	<ol style="list-style-type: none"> <li>1. Learn pointer and functions in C Programming Language.</li> <li>2. To understand Memory Allocation and File Handling.</li> </ol>
4.	B.Sc I	DSC-12B Relational Database Management System.	<ol style="list-style-type: none"> <li>1. To understand basic queries of SQL</li> <li>2. To understand Entity Relationship</li> </ol>
B.Sc II	Paper No. V PHP and MySQL.		<ol style="list-style-type: none"> <li>1. To understand basic concept of PHP.</li> <li>2. To Learn how to developing applications in PHP using MySQL.</li> <li>3. To learn and develop various PHP technology applications that definitely meets the current industry needs.</li> </ol>
B.Sc II	Paper No. VI Object Oriented		<ol style="list-style-type: none"> <li>1. To understand how C++ improves C with object oriented features</li> <li>2. To learn syntax and semantics of C++ programming language</li> </ol>



	Programming Using C++.	<ol style="list-style-type: none"> <li>3. To learn how to write inline functions for efficiency and performance.</li> <li>4. To learn how to overload functions and operators in C++.</li> <li>5. To learn how to design C++ classes for code reuse.</li> <li>6. To learn how inheritance promote code reuse in C++.</li> <li>7. To learn how inheritance and virtual functions implement dynamic binding with polymorphism.</li> </ol>
B.Sc II	Paper No. VII Cyber Security Essentials-I	<ol style="list-style-type: none"> <li>1. Understand concept of information security management.</li> <li>2. Learn different access controls methods.</li> <li>3. Understand wireless network security.</li> <li>4. Learn cyber security laws and importance of security audit.</li> </ol>
B.Sc II	Paper No. VIII Data Structure Using C++	<ol style="list-style-type: none"> <li>1. Understand the basic concepts such as Abstract Data Types, Linear and Non Linear Data Structures.</li> <li>2. Ability to choose appropriate data structures to represent data items in real world problems.</li> <li>3. Ability to analyze the time and space complexities of algorithms.</li> <li>4. Ability to design programs using a variety of data structures such as array, stacks, queues, linked list</li> <li>5. Able to analyze and implement various kinds of searching and sorting techniques.</li> </ol>
B.Sc-III		
B.Sc-III	Paper IX: Core Java	<ol style="list-style-type: none"> <li>1. Object oriented programming concepts using Java.</li> <li>2. Knowledge of input, its processing and getting suitable output.</li> <li>3. Understand, design, implement and evaluate classes and applets.</li> </ol>
B.Sc-III	Paper X C# Programming	<ol style="list-style-type: none"> <li>1. This course will cover the practical Aspects C#.NET framework. The goal of this course is to Introduce the students to the basics of OOPs and windows application program.</li> </ol>

B.Sc-III	Paper XI LINUX Part I	<ol style="list-style-type: none"> <li>1. Upon completion of this course, students should have a good working knowledge of Linux.</li> <li>2. Allowing them to easily use any Linux distribution.</li> <li>3. This course shall help student to learn advanced subjects in computer science practically.</li> </ol>
B.Sc-III	Paper XII Python Part I	<ol style="list-style-type: none"> <li>1. To understand why Python is a useful scripting language for developers.</li> <li>2. To learn how to write loops and decision statements in Python.</li> <li>3. To learn how to use lists, tuples, and dictionaries in Python programs.</li> </ol>
B.Sc-III	Paper XIII Advanced Java	<ol style="list-style-type: none"> <li>1.The student will be able to develop distributed business applications, develop web pages Using advanced server-side programming through servlets and Java server pages.</li> <li>2.Demonstrate approaches for performance and effective coding</li> <li>3.To learn database programming using Java</li> <li>4.To study web development concept using Servlet and JSP</li> </ol>
B.Sc-III	Paper XIV ASP .NET	<ol style="list-style-type: none"> <li>1.This course will cover the practical aspects of multi-tier web based application development using the .NET framework. The goal of this course is to introduce the students to the basics of distributed Web application development.</li> </ol>
B.Sc-III	Paper XV Linux Part II	<ol style="list-style-type: none"> <li>1. This course covers design principles of Linux Operating System Memory management.</li> <li>2. Structure of File system and virtual file system is also elaborated.</li> <li>3.This course contains details of shell programming and introduces System administration</li> </ol>
B.Sc-III	Paper XVI Python Part II	<ol style="list-style-type: none"> <li>1. To learn how to write functions and pass arguments in Python</li> <li>2. To learn how to build and package Python</li> </ol>

		<p>modules for reusability</p> <p>3.To learn how to use exception handling in Python applications for error handling</p>
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## Department of Mathematics

### Course Outcomes

Sr. No.	Class	Course Name	Outcomes
1	B. Sc. I	Paper No. I Differential Calculus	Development and understand the value of proof , the single factor that distinguishes mathematics from all other disciplines.
2	B. Sc. I	Paper No. II Calculus	To acquire Knowledge About basic manipulative skills in calculus
3	B. Sc. I	Paper No. III Differential Equations	To acquire Knowledge About basic manipulative skills in proficiency in writing proofs.
4	B. Sc. I	Paper No. IV Higher Order ODE and PDE	Student will have a working knowledge of basic application problem described by second order linear differential equations with constant coefficient.

5	B. Sc. II	Paper No. V Real Analysis-I	To understand the basic ideas of Real Analysis.
6	B. Sc. II	Paper No. VI Algebra - I	Recognise technical terms and appreciate some of the uses of algebra.
7	B. Sc. II	Paper No. VII Real Analysis-II	Demonstrate an understanding the theory of Sequences and series.
8	B. Sc. II	Paper No. VIII Algebra - II	Student will be able to, Effectively

Sr. No.	Class	Course Name	Outcomes
			write abstract mathematical proofs in a clear and logical manner.
9	B. Sc. III	Paper No. IX Mathematical Analysis	To understand and learn about the integration bounded function on a closed and bounded interval.
10	B. Sc. III	Paper No. X Abstract Algebra	To understand the difference between the concepts groups and ring.
11	B. Sc. III	Paper No. XI Optimization Techniques	Provide student basic knowledge of a range of operation research models and techniques, Which can be applied to a variety of industrial problem and real life applications.
12	B. Sc. III	Paper No. XII Integral Transform	To apply Fourier transforms to solve real life problems.
13	B. Sc. III	Paper No. XIII Metric Spaces	To acquire Knowledge of notion of metric space , open sets and closed sets.
14	B. Sc. III	Paper No. XIV Linear Algebra	Work out eigen values , eigen vectors and its connection with real life situation.
15	B. Sc. III	Paper No. XV Complex Analysis	Learn to apply concept of residues to evaluate certain real integrable.
16	B. Sc. III	Paper No. XVI Discrete Mathematics	Appreciate applications of shortest path algorithms in computer Science.

**DEPARTMENT OF PHYSICS**

**COURSE OUTCOME**

Sr.No	Class	Course name	Outcome
1	B.Sc. I	Paper No. I Mechanics-I	To study the basic concept like laws of motion, momentum and Energy, Rotational motion
2	B.Sc. I	Paper No. II Mechanics -II	To learn about Mechanics and Properties of matter and different concepts
3	B.Sc. I	Paper No. III Electricity and magnetism- I	To developed knowledge about Electrostatics laws and Theorems as well as vector Analysis
4	B.Sc. I	Paper No. IV Electricity and magnetism- II	Student studied about Electronics concepts, Instruments and theorems
1	B.Sc. II	Paper No. V Thermal Physics and statistical Mechanics -I	Students understand Thermo dynamical concepts and nature of gases and also study laws of thermodynamics
2	B.Sc. II	Paper No. VI Wave and Optics -I	To learn fundamental Knowledge about nature of waves and sound

3	B.Sc. II	Paper No. VII Thermal Physics and statistical Mechanics -II	To realize the importance of thermodynamic functions and applications of different statistical mechanics
4	B.Sc. II	Paper No. VIII Wave and Optics -II	Student got knowledge about optical instruments, wave and nature of light
1	B.Sc. III	Paper No. IX Mathematical Physics	To study about Mathematical concepts in Physics
2	B.Sc. III	Paper No. X Quantum Mechanics	To study the matter wave, Schrödinger's wave equations and it's applications
3	B.Sc. III	Paper No. XI Classical mechanics and classical Electrodynamics	To study about particle dynamics and formulations
4	B.Sc. III	Paper No. XII Digital and Analog circuits and Instrumentation	To got knowledge about digital and Analog circuits and Instruments
5	B.Sc. III	Paper No. XIII Nuclear and Particle Physics	To understand the properties and model of nuclear also particle Accelerator and nuclear detector
6	B.Sc. III	Paper No. XIV Solid State Physics	Have a clear picture of crystal structures and clear understanding about X-ray Diffraction

7	B.Sc. III	Paper No. XV Atomic and molecular physics and Astrophysics	Have peripheral ideas about Astronomy and Astrophysics also Atomic and Molecular spectra
8	B.Sc. III	Paper No. XVI Energy studies and materials science	Qualitative ideas about solar energy wind energy ,biomass energy and got information about Nanotechnology

## Department of Electronics

### Course Outcomes

Sr.No.	Class	Course Name	Outcomes
			<b>B.Sc.I</b>
1	B.Sc.I	<b>Paper no.I</b> Network Analysis and Analog Electronics	To study basic knowledge of electrical circuit
2	B.Sc.I	<b>Paper no.II</b> Digital Integrated Circuits	To learn the digital circuits and experiments
3	B.Sc.I	<b>Paper no.III</b> Analog Electronic Circuits	To study about analog circuits and experiments
4	B.Sc.I	<b>Paper no.IV</b> Linear And Digital Integrated Circuits	To got the knowledge about linear integrated circuit

<b>B.Sc.II</b>			
5	B.Sc.II	<b>Paper no.V</b> Communication Electronic	Families the basics of communication electronic
6	B.Sc.II	<b>Paper no.VI</b> Introduction to Microprocessor 8085	Have a clear picture of 8085 microprocessor and study the programming
7	B.Sc.II	<b>Paper no.VII</b> Digital Modulation and Mobile Telephone System	To study technique about mobile communication system
8	B.Sc.II	<b>Paper no.VIII</b> 8051 Microcontroller and Embedded System	Have a clear picture of 8051 microcontroller and study the embedded system
<b>B.Sc.III</b>			
9	B.Sc.III	<b>Paper no.IX</b> Electronic Instrumentation and Mechatronics-I	To study electronic instrumentation and mechatronics blend of mechanical, electronic, computer, electrical and information system
10	B.Sc.III	<b>Paper no.10</b> Antenna And Wave Propagation	To study about Antenna and wave propagations
11	B.Sc.III	<b>Paper no.XI</b> 8051 Microcontroller Interfacing and Applications	Have a clear picture of 8051 microcontroller interfacing and application
12	B.Sc.III	<b>Paper no.XII</b> Power Electronics Devices And Applications	To study the electronics devices and its applications
13	B.Sc.III	<b>Paper no.XIII</b> Electronics Instrumentation –II And Robotics	To clear electronic instrumentation and In robotics we have basic knowledge in programming, electronics, digital technology
14	B.Sc.III	<b>Paper no.XIV</b> Optoelectronics And IoT	To understanding planning, technology, execution ,integration of optoelectronics and IoT
15	B.sc.III	Paper no.XV Advanced Microcontroller:PIC	Have a clear picture advanced PIC microcontroller and its application
16	B.Sc.III	<b>Paper no.XVI</b> Industrial Automation And PLC Programming	To study PLC language and programs



## Department - Zoology

### Course Outcome

Sr.No	Class	Course Paper	Outcome
1.	B.Sc-I	Paper no- I Animal diversity-I	Student got knowledge about Seashore animals and Biodiversity of different type animals identification ,study of different system and it's adaptation
2.	B.Sc-I	Paper no-II Animal Physiology	Students understands the different systems of animal
3.	B.Sc-I	Paper no-III Cell Biology and Evolutionary Biology	Study of different cell organelles and evolution of animal , extinction of animal
4.	B.Sc-I	Paper no-IV Genetics	Student got knowledge about genetics Mendelian principles of Inheritance , Mutation , sex Determination
5.	B.Sc-II	Paper no-V Animal Diversity –II	Study of pisces, Amphibia , Reptiles ,Aves , Mammals with general features and classification
6.	B.Sc.-II	Paper no-VI Biochemistry	Study of biological content of the cell on the chemical level
7.	B.Sc.-II	Paper no-VII Reproductive Biology	Study of male and female reproductive system and reproductive health
8.	B.Sc.-II	Paper no-VIII Applied Zoology	Study of host –parasite relationship, crop pests , poultry Farming

## Department of Microbiology

## Course Outcomes

Class	Paper Name	Outcomes
B.Sc I Semster I	Paper I Introduction to Microbiology	<ul style="list-style-type: none"> <li>● Get Knowledge about basic Microbiology</li> <li>● To develop the skills and technique at Practical level</li> </ul>
B.Sc I Semster I	Paper II Microbial Diversity	<ul style="list-style-type: none"> <li>● To explore classification and diversity of Microbes</li> <li>● To explore knowledge about medical branch</li> </ul>
B.Sc I Semster II	Paper III Bacteriology	<ul style="list-style-type: none"> <li>● Get information about microorganism</li> <li>● Get knowledge about Isolation and preservation of microbes with Research and Industrial point of view</li> </ul>
B.Sc I Semster II	Paper IV Microbial Biochemistry	<ul style="list-style-type: none"> <li>● To develop the knowledge at molecular level</li> <li>● Basic information of microbial genetics</li> </ul>
B.Sc II Semster III	Paper V Microbial Physiology and Metabolism	<ul style="list-style-type: none"> <li>● Microbes growth and Environmental Factor</li> <li>● Survival of organism along with their metabolism</li> <li>● To explore the knowledge and skills in Industrial Sector</li> </ul>
B.Sc II Semster III	Paper VI Applied Microbiology	<ul style="list-style-type: none"> <li>● To develop the skills of testing water &amp; analysis of Microbes</li> <li>● To give the Knowledge and applied study regarding Microbiology</li> <li>● To explore the knowledge and skills in Industrial Sector</li> </ul>
B.Sc II Semster IV	Paper VII Microbial Genetics and Molecular Biology	<ul style="list-style-type: none"> <li>● To give the knowledge regarding genetic Factor</li> <li>● To apply the tools and techniques in research sector</li> <li>● To explore knowledge regarding Mutations</li> </ul>
B.Sc II SemsterIV	Paper VIII Basic in MedicalMicrobiology and Immunology	<ul style="list-style-type: none"> <li>● To develop into the medical sector</li> <li>● To give knowledge of disease and its cycle regarding microbes &amp; Virus</li> <li>● To apply the knowledge of immunity on normal human body</li> <li>● To develop the skill and knowledge with respect to Pathology and Research</li> </ul>

B.Sc III Semster V	Paper IX Virology	<ul style="list-style-type: none"> <li>• To give basic information of Virus</li> <li>• To develop knowledge of life Cycle of virus with respect to human being</li> <li>• To explore knowledge of cancer and its impact on human</li> <li>• To explore knowledge and skill in biotechnology</li> </ul>
	Paper X Immunology	<ul style="list-style-type: none"> <li>• To get knowledge about human blood and cells with respect to immunity</li> <li>• To explore the study of serum and blood in Industrial sector and with respect to pathology and research</li> </ul>
	Paper XI Food and Industrial Microbiology	<ul style="list-style-type: none"> <li>• Applied the knowledge in food Spoilage and prevention</li> <li>• To explore the knowledge and skills in Industrial Sector</li> </ul>
	Paper XII Agricultural Microbiology	<ul style="list-style-type: none"> <li>• To develop the knowledge regarding agriculture</li> <li>• To develop the skills and technology regarding Crop Disease, Soil Microbes and Biofertilizers</li> </ul>
B.Sc III Semster VI	Paper XIII Microbial genetics	<ul style="list-style-type: none"> <li>• To develop Research view in students</li> <li>• To give the knowledge at molecular level of microbial genetics</li> <li>• To explore knowledge of tools and technique in research sector</li> </ul>
	Paper XIV Microbial Biochemistry	<ul style="list-style-type: none"> <li>• To explore knowledge of industry</li> <li>• To develop industrial skill with advance technology</li> <li>• To get knowledge of organism with respect to industrial product formation and its metabolism</li> <li>• Explore knowledge about nutrients and its importance with respect to microbiology</li> </ul>
	Paper XV Environmental Microbiology	<ul style="list-style-type: none"> <li>• To give knowledge of degradation of industrial waste with respect to microbes</li> <li>• To explore skills and technique for Industrial Waste study</li> <li>• To apply Knowledge of organism with respect to sewage, environment</li> <li>• To explore knowledge of laboratory safety</li> </ul>

Paper XVI  
Medical Microbiology

- To know about bacterial disease to humans
- To know Tools and techniques with respect to antibiotics
- To explore knowledge regarding industrial sector
- To develop knowledge of vaccine preparation at industrial level

## Department of Chemistry

### Course Outcomes

Sr. No.	Class	Course Name	Outcomes
<b>B. Sc. I</b>			
1	B. Sc. I	<b>Paper I</b> Inorganic Chemistry	Students will learn the periodic properties, Formation of compounds, their hybridization, geometry, stability
2	B. Sc. I	<b>Paper II</b> Organic Chemistry	Useful to understand the basic organic terms , reactions , Stereochemistry ,
3	B. Sc. I	<b>Paper III</b> Physical Chemistry	Learning and understanding Thermodynamics, Chemical Kinetics, Kinetic theory of gases.
4	B. Sc. I	<b>Paper IV</b> Analytical Chemistry	Understanding working, applications of chromatography, knowledge about tests for water, basic purification methods, Fertilizers.
<b>B. Sc. II</b>			
5	B. Sc. II	<b>Paper V</b> Physical Chemistry	Learning and understanding conductivity, nuclear radiations, surface tension, viscosity.
6	B. Sc. II	<b>Paper VI</b> Industrial Chemistry	Knowledge about paper manufacturing, soaps and detergents, unit operations, learning and understanding corrosion electroplating.
7	B. Sc. II	<b>Paper VII</b> Inorganic Chemistry	Students will understanding basic knowledge of qualitative analysis, properties of p-block elements, coordination compounds.
8	B. Sc. II	<b>Paper VIII</b> Organic Chemistry	Useful to understand synthesis, reactions of carboxylic acids, aldehydes and ketones, amines, structure of carbohydrates.
<b>B. Sc. III</b>			
9	B. Sc.III	<b>Paper IX</b> Inorganic Chemistry	Useful to study acids, bases, non-aqueous solvents, semiconductors, superconductors, application of catalysts.
10	B. Sc.III	<b>Paper X</b> Organic Chemistry	Knowledge about spectroscopy – Introduction, uses of UV, visible, IR, NMR, mass spectroscopy and problem based on it.
11	B. Sc.III	<b>Paper XI</b> Physical Chemistry	Learning and understanding quantum chemistry, photochemical laws , emf measurements, types of cells, solutions.
12	B. Sc.III	<b>Paper XII</b> Analytical Chemistry	Students will study techniques of gravimetric analysis, basics of chromatography, flame photometry, potentiometric titrations.
13	B. Sc. .III	<b>Paper XIII</b> Inorganic Chemistry	Students will understand thermodynamic and kinetic aspects of metal complexes, Nuclear reactions, uses of radio-isotopes Role of elements in our health.
14	B. Sc.III	<b>Paper XIV</b> Organic Chemistry	Knowledge of reagents, terpenoids, alkaloids, drugs and its uses, Addition reactions, basic

			terms of retrosynthesis analysis.
15	B. sc.III	<b>Paper XV</b> Physical Chemistry	Learning and understanding of phases, thermodynamics, solid state chemistry, Distribution law.
16	B. Sc.III	<b>Paper XVI</b> Industrial Chemistry	Learning and understanding manufacture of sugar, ammonia, sulphuric acid, nitric acid, sodium carbonate, polymers fuels, Nanotechnology.

## Department - Botany

### Course Outcome

Sr.No	Class	Course Paper	outcome
1.	B.sc-I	Paper no- I Biodiversity of Microbes ,Algae and Fungi	Student got knowledge about Seashore Algae and Biodiversity of different type Microbes and Fungi
2.	B.sc-I	Paper no-II Biodiversity of Bryophytes,	Students understands the different type of vascular plants and it's Identification

		Pteridophytes and Gymnosperms	
3.	B.sc-I	Paper no-III Plant Ecology	Student got ecological knowledge of different types of ecosystems like soil , water etc.
4.	B.sc-I	Paper no-IV Plant Taxonomy	Student got knowledge about How to identify the different species and its characters .
5.	B.sc-II	Paper no-V Embryology of Angiosperms	Student got knowledge of plant development like embryo and Endosperm
6.	B.sc-II	Paper no-VI Plant Physiology	From this paper student should got knowledge about photosynthesis and plant growth regulator hormones
7.	B.sc-II	Paper no-VII Plant Anatomy	From this paper student understand the organization of plant body and tissue system
8.	B.sc-II	Paper no-VIII Plant Metabolism	Student got idea about Respiration and metabolism in plant
9.	B.Sc.-III	Paper no-IX Genetics and Plant Breeding	Student got idea about Chromosome structure in plant and plant breeding
10.	B.sc-III	Paper no-X Microbiology ,Plant pathology and Mushroom culture techniques	Student got knowledge about the use of Microbes in industries and mushroom culture techniques
11.	B.sc-III	Paper no-XI Cytology and Research Techniques in biology	Study of plant cell and its organelles

12	B.sc-III	Paper no-XII Horticulture and Gardening	Study the management of landscape horticulture and nursery techniques
13.	B.sc-III	Paper no-XIII Plant biochemistry and molecular biology	Study of plant DNA and structure
14.	B.sc-III	Paper no-XIV Bioinformatics, Biostatistics and economic Botany	Use of ecological botany in Human day-to-day life
15.	B.sc-III	Paper no-XV Plant biotechnology and paleobotany	This paper we study How to improve the quality and quantity of plant variety and fossil
16.	B.sc-III	Paper no-XVI Biofertilizers and herbal drug technology	Study the use of Biofertilizer in human life