## कला, वाणिज्य विज्ञान व संगणकशास्त्र महरविद्यालय, आश्वी ख्

## मराठी िवभाग

## Criteria II. Program Objectives/ Cutcomes

		Programs offered:
1.2.1		B.A. Marathi
Sr. No.	Programme	Programme Specific Outcome
	B.A. Marathi	<ol> <li>विद्यारणांची सर्जनशती विकसित करणे</li> </ol>
3 C		<ul> <li>विद्यार्थ्यांमध्ये सराठी भागेचा प्रचार व प्रसार करणे.</li> </ul>
· · ·		<ol> <li>विद्यार्थ्यांना भाषेचे महत्व्व पटवून देवे.</li> </ol>
		<ol> <li>सोशल मीडिया मध्य रोजयाराच्या संधी च मराठी भाषा याव्यिप्रायीक्रायुंती करणे.</li> </ol>

Courses offered: Marathi				
Sr.No	Class	Course	Course Outcomes	
			१ विधार्थ्याना महाठीतील कथा व कथिता थांची ओळख करूल देणे.	
		सामान्द्र मराठी G-1	<ol> <li>मराठी वाणीिवाण्यीमध्ये आवः निर्माण करणे.</li> </ol>	
		(2013 Pattern)	<ol> <li>विद्यार्थ्याच्या साहित्यिक जाणिका िवकिसजानणे.</li> </ol>	
		(and a randomy	<ol> <li>माहित्यातूम जीवन विषयक समज विकसित करणे.</li> </ol>	
	EY.B.A.		<ol> <li>अक्तिमच्य विकासात आपेथे महत्व स्पष्ट करणे.</li> </ol>	
		_	<ol> <li>कथा या साहित्य प्रकारची ओळख करून देणे.</li> </ol>	
		सामान्य मराठी G I	<ol> <li>विविध साहित्य प्रवाहमधील कथा या साहित्यप्रकारातील निवडक कथाचे अध्यायन करणे</li> </ol>	
		(Reft CBCS)	<ol> <li>भाषिक कौलल्यविकास करणे.</li> </ol>	
		1000 000000	४ एकांकिका या साहित्य प्रकारणी बोळख करून देखे.	
			५. सराठी साहित्यातील निवडक एकांकीकरणे अध्ययन करणे.	
			<ol> <li>वाणिज्य विषयाच्या विद्यार्थ्यांना सराठींच्या व्यवहार क्षेत्राची माहिती देणे.</li> </ol>	
		व्यवहारिक मराठी	२. मराठीच्या प्रत्यक्ष जापराचा जभवस करणे.	
		सामाना भराठी	३, प्रमारमारुदमांचे स्वरूप, चाषण विद्याश्योंना समजाबून देचे.	
		(2013 Pattern)	४, प्रसारमाध्यमातील विविध लेखन प्रकाराचा अभ्यास व प्रत्यक्ष लेखन जभ्यामणे. ५, कार्यालयीन भाषा अडचणी, तंत्रे, कौकल्य, यांची विद्यार्थ्यांना माहिती देले.	
9	F.Y.B.Com	भाषा माहित्य आणि	्रमेखरणकाने भाषा अञ्चला, तम, कामाल्य, याचरा क्याल्याला माहिता दण. १ विविध क्षेत्रातील भाषा व्यवहाराचे स्वरूप समजायून देणे.	
			<ol> <li>विविध क्षेत्रीय मराठी आयेच्या वापराची कौशल्य विकस्मित बदची.</li> </ol>	
		वरीशस्यविकाम	<ol> <li>मराठीच्या प्रत्यक्ष वापराचा अभ्यास करणे.</li> </ol>	
		सामाम्प मराठी (२०१९ CBCS)	<ul> <li>विविध क्षेत्रातील कर्तृत्ववान व्यक्तीच्या कार्यांची व विचारांची ओळख करूल देणे.</li> </ul>	
			<ul> <li>विद्यार्थ्यांमध्ये.वैतिक, व्यवसाधिक व वैवारिक मुल्यांची जोपासना करणे.</li> </ul>	
_			<ol> <li>मराठी भाषेिवर्ण्यविध्याच्यांमध्ये आवत्र निर्माण करणे.</li> </ol>	
		व्यावहारिक व	<ol> <li>व्वक्तिमच्च विकासाथ भाषेचे महत्त्व स्पष्ट करणे.</li> </ol>	
ŧ.,	S.Y.B.A.	उपयो <b>िजनाराठी</b>	<ol> <li>साहित्याची आवड निर्माण करणे</li> </ol>	
		(2013 Pattern)	<ul> <li>प्रशासकीय व्यावहारात मराठी भाषेत्रा वापर कसा करावा याची माहिती कश्चन घेचे.</li> </ul>	
-			<ol> <li>श्रुद्धलेखनाची जोठस करून घेषे.</li> </ol>	
			्रमुख्यावर्षा या माठ्या कारण वया. २. पारिभाषिक संज्ञा समजावृत्त घेणे.	
<	S.Y.B.A.	सामान्य मराठी - G-2	<. प्रग्ने मार्ग्यक रख्य समजापून घण. ३. चरित्र व आत्मचरित्र यांचा परिचय करून घेगे.	
1	a ration	(2013 Pattern)		
		TOTOTOTOTOTO	<ul> <li>अस्तिवाचे आजनसन् न आस्वाद घेण्याची क्षमता िवकिसत्तरणे.</li> </ul>	
-+			५.चरिजातून प्रेरणा घेणे	
		much with the	<ol> <li>सराठी साहित्याचील तात्रिक घटकांचे ज्ञान करून घेथे.</li> </ol>	
		मराठी साहित्यातील जिनिस समिति	<ol> <li>साहित्याचे आणलन, आस्वाद व मुल्यमात्रन करण्याची दृष्टी विकसित करणे.</li> </ol>	
	S.Y.B.A.	विकिध साहित्यप्रकार Sp -1	<ol> <li>विविध भाषिक कोशल्य दिकसिंत करणे</li> </ol>	
		(2013 Pattern)	४. साहित्याचा संखोल जभ्याम करण्याची दृष्टी विकसित करणे.	
			<ul> <li>कादंबरी व नाटक या साहित्य प्रकाराची माहिती करून येथी.</li> </ul>	

1		आर्थाचीन मराठी साहित्याचा जभ्याम -	<ol> <li>मराठी साहित्याच्या ऐतिहासिक परंपरेचे ज्ञान करून देणे .</li> <li>कालखंडाचा विशेष अभ्यास करणे.</li> </ol>
	S.Y.B.A.	そこれとき オイスキャ SP - 2	३. कालपांडातील साहित्याचा संघोज आवाजा पेणे.
		(2013 Pattern)	४. साहित्यामागील प्रेरणा लज्ञात थेणे.
			<ol> <li>मराठी भाषेिवयर्थविध्याध्यांमध्ये आवड निर्माण करणे.</li> </ol>
			२. व्यक्तिमच्च विकासात आगेचे महत्त्व स्पष्ट करणे.
	SALW S.	व्यावहारिक व उपयोिजलाराठी	३.साहित्याची आवड निर्माण करणे.
10	S.Y.B.Sc.	(2013 Pattern)	४.प्रशासकीय व्यावहारात मराठी भाषेचा वापर कसा करावा याची माहिती करून घेणे.
		(2013 Pattern)	५. जिज्ञान साहित्याचा जावाचा घेणे.
			६. निवंध लेखनाचे स्वरूप समजावून घेणे.
		आध <b>िनकारा</b> ठी	<ol> <li>आधुनिक मराठी साहित्यातील विविध साहित्य प्रकारांचा परिचय बाढविणे .</li> </ol>
		माहित्य आणि ज्यावहारिक व उपयो <b>िजलाराठी</b> G-3 (2013 Pattern)	२. कलाकृतीचा आस्वाद घेण्याची क्षमता विकसित करणे,
2	T.Y.B.A.		३. भाषेचे आकलन करण्याची क्षमता विकसित करणे.
	To A show to		<ul> <li>अ. निबंध व प्रवासवर्णन या साहित्य प्रकारांचा परीचय करून घेणे.</li> </ul>
			५.ग्रंच परिक्षणाची आवड निर्माण करणे.
		(auto ranciny	१.साहित्याचे स्वरूप समजावून घेणे.
			२. साहित्याची प्रयोजने समजावून चेणे.
		साहित्यविचार	३. साहित्य निर्मितीची प्रक्रिया समजाबून पेणे.
7	T.Y.B.A.		४ साहित्याची भाषा समजावून घेणे.
		(2013 Pattern)	५. साहित्याची आस्वाद प्रक्रिया समजावून घेणे.
			< गाहित्यिक मन्ये ममजावन घेणे.
-			<ol> <li>जासेचे स्वरूप व कार्य महत्व, भाषा अभ्यासाची प्रमुख अंगे जाणून घेणे.</li> </ol>
		10.000	२ आधा स्टफजे कार्य व तिचे मानवी जीवनातील कार्य व महत्व जाणून घण.
		भाषाविज्ञान	<ol> <li>वेगवेगळ्या भाषाजभ्यास पद्धतीचे वेगळेपण व महत्व जाणून धण.</li> </ol>
		वर्णनात्मक आणि	४. स्वननिर्मितीची प्रक्रिया समजावून घेणे.
ţ0	T.Y.B.A.	िितहा <b>िक</b> Spl- 4	५. वार्मिद्रियांची रचना व कार्य समजावून घेणे.
		(2013 Pattern)	<ol> <li>भागाजभागा रुपा र रेगा र ६. स्वनविज्ञान, स्वनिम संकल्पना आणि मराठीची स्वनिम व्यवस्था जाणून घेणे.</li> </ol>
		(LUIS Fallenty	<ol> <li>एतिहासिक भाषा अभ्यास पद्धतीचे स्वरूप व महत्व लक्षात घेणे</li> <li>सराठी भाषेचा उत्पत्तीकाळ व स्थित्यंतराचा आढावा घेणे.</li> </ol>
			८, सराठा भाषचा उत्पत्ताकाळ व त्यत्वत्तराचा आधावा वयः

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## Department Hindi

Sr. No	Programme	mme Programme Specific Outcome			
1	B.A Hindi	<ol> <li>छात्रों की सर्जनात्मक शक्ति का विकास करना ।</li> </ol>			
		2. छात्रों में राष्ट्रभाषा हिन्दी का प्रचार-प्रसार करना ।			
		3. छात्रों को मानक लिपि एवं भाषा का महत्व स्पष्ट करना ।			
		4. पत्रकारिता के क्षेत्र में रोजगार वृत्ति को बढावा देना ।			
		5.अनुवाद कौशल्य विकसित करना I			
		<ol> <li>हिंदी कंप्यूटिंग का परिचय देना ।</li> </ol>			
		7.लघु कथा सुर्जन कौशल्य विकसित करना ।			
		9.हिंदी काव्य गीत सूजन कौशल विकसित करना ।			

Sr. No.		Course	Course Outcomes
1	F.Y.B.A.2019	हिंदी सामान्य-1	1.छात्रों को हिंदी काव्य साहित्य का परिचय देना ।
	Pattern	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.हिंदी कहानी साहित्य से अवगत करना ।
	1 ditorn		3.हिंदी आषा द्वारा संवाद कौशल्य विकसित करना ।
			4.मौलिक लेखन की ओर रुझान बढ़ाना I
			5.अन्वाद संबंधी जानकारी देना ।
			6.हिंदी कंप्यूटिंग का परिचय देना ।
			7.निबंध लेखन कौशल्य को विकसित करना I
			8.विज्ञापन लेखन कौशल विकसित करना ।
2.	F.Y.B.A.2013 Pattern	3 हिंदी सामान्य-1	<ol> <li>छात्रों को हिंदी गद्य एवं पद्य के प्रतिनिधि रचनाकारों का परिचय देना ।</li> </ol>
			<ol> <li>हिंदी साहित्य के प्रति छात्रों की रुचि बढाना तथा साहित्य कि विविध विधाओं से परिचित कराना ।</li> </ol>

			<ol> <li>कहानी कविता, एकाकी साक्षात्कार रेखाचित्र आदी विधाओं के माध्यम छात्रों का भावात्मक विकास कराना ।</li> </ol>
			<ol> <li>छात्रां में राष्ट्र के प्रति प्रेम एवं सामाजिक प्रतिबद्धता कि भावना निश्चित करना ।</li> </ol>
			<ol> <li>छात्रां में नैतिक मूल्य, राष्ट्रीय मूल्य, सामाजिक मूल्यों के प्रति आस्था निर्माण करना ।</li> </ol>
3.	F.Y.B.COM	वैंकल्पिक हिंदी-1	1.छात्रों को हिंदी काव्य साहित्य का परिचय देना
5,	2019 Pattern		2.हिंदी कहानी साहित्य से अवगत करना
			3.हिंदी आषा द्वारा संवाद कौंशल विकसित करना
			4. मौलिक लेखन की ओर रुझान बढ़ाना
			<ol> <li>विज्ञापन लेखन काँशल विकसित करना ।</li> </ol>
			<ol> <li>6.हिंदी कंप्यूटिंग का परिचय देना ।</li> </ol>
			5.अनुवाद का स्वरूप अवगत करना l
			6.पारिभाषिक शब्दावली से अवगत करना ।
4.	F.Y.B.COM	वैकल्पिक हिंदी-1	1.छात्रों को हिंदी गद्य एवं पद्य के प्रतिनिधि रचनाकारों का परिचय देना ।
	2013 Pattern		2.हिंदी साहित्य के प्रति छात्रों की रूचि बढ़ाना तथा साहित्य की विभिन्न विधाओं से परिचित कराना कराना ।
			3.कहानी कविता एकांकी साक्षात्कार एकांकी रेखा चित्र आदि विधाओं के माध्यम से छात्रों का भावात्मक विकास कराना ।
			4.छात्रों में राष्ट्र के प्रति प्रेम एवं सामाजिक प्रतिबद्धता की भावना विकसित करना ।
			6.छात्रों में नैतिक मूल्य राष्ट्रीय मूल्य सामाजिक मूल्यों के प्रति आस्था निर्माण करना ।
			7.पारिआषिक शब्दावली के माध्यम से छात्रों को प्रयोजनमूलक हिंदी से परिचित कराना ।
			8.पत्र लेखन अनुवाद आदि के माध्यम से छात्रों को भाषा के रचनात्मक पहलुओं से परिचित कराना ।
			क रपमारमधा परपुआ स 9.सारांश लेखन निबंध के माध्यम से छात्रों के विचार तथ कल्पना शक्ति को बढ़ावा देना ।

			10.वाक्य शुद्धिकरण आदि के माध्यम से छात्रों को वर्तन के नियम, विराम चिन्ह से अवगत कराना ।
			11.छात्रों को सानक लिपि एवं भाषा का सहत्व स्पष्ट करना छात्रों की सृजनात्मक शक्ति का विकास कराना ।
			12.छात्रों में राष्ट्रभाषा हिंदी का प्रचार प्रसार करना ।
			13.राष्ट्रीय एकता सामाजिक उत्तरदायित्व वैज्ञानिकता आदि के प्रति छात्रों काध्यान आकर्षित करना ।
5.	S.Y.B.A G2	आध्निक	1.छात्रों को काव्य साहित्य से परिचित करना ।
0.	2019 Pattern	काव्य,कहानी,तथा	and the second second second li
	2010 1000	व्यावहरिक हिंदी	3.छात्रों को हिंदी कारक व्यवस्था समझाना ।
			4.छात्रों को शब्द युग्म का अर्थ लिखकर प्रत्यक्ष वाक्य में प्रयोग समझाना ।
			5.संक्षेपन लेखन का प्रत्यक्ष बोध करना ।
			6.सर्जनात्मकता का विकास करना ।
			7.छात्रों को कहानी व्यंग्य पाठ का बोध कराना ।
			8.छात्रों को व्यंग्य पाठ से परिचित कराना ।
			9.साक्षात्कार कला से अवगत कराना ।
			10.भाषा का मोबाइल तंत्र समझाना ।
			11.पल्लवन कला से अवगत करना ।
6.	S.Y.B.A G2 2013 Pattern	हिंदी सामान्य-2 कहानी,काव्य एवं	<ol> <li>1.छात्रों को हिंदी के प्रतिनिधि रचनाकारों एवं कावियों से परिचित कराना ।</li> </ol>
	2013 Pattern	लेखन	2.छात्रों को हिंदी कहानी एवं नई काविता कि विशेषताओं से परिचित कराना ।
			<ol> <li>3.छात्रों को हिंदी के कार्यालयीन एवं व्यावहारिक पत्रों के स्वरूप का ज्ञान देना ।</li> </ol>
			4.छात्रों को पारिभाषिक शब्द, विज्ञापन, भैटवार्ता, साक्षात्कार, रिपोर्ट लेखन आदि हिंदी भाषा के व्यावहारिक क्षेत्रों से परिचित कराना ।
			5.छात्रों को हिंदी शब्दयुग्म का ज्ञान कराना ।
			6.छात्रों को हिंदी के प्रतिनिधि रचनाकारों एवं कावियों से परिचित कराना ।

7.	SYBA S-1	काव्यशास्त्र	1.भारतीय काव्यशास्त्र का परिचय देना ।
	2019 Pattern		2.काव्य परिभाषा, तत्व आदि अवगत कराना ।
			3.अवगत काव्य के तत्व, शब्द शक्तियाँ का परिचय देना
			4.रस का स्वरूप समझाना ।
			5.भारतीय काव्यशास्त्र में रुचि पैदा करना तथा
			आलोचनात्मक इष्टि को विकसित कराना ।
			6.छात्रों को साहित्य के भेद से अवगत कराना ।
			7.छात्रों को पद्य भेद से अवगत कराना ।
			8.महाकाव्य खंडकाव्य और मुक्तक मुक्तक काव्य का
			परिचय कराना ।
			9.नाटक का स्वरूप समझाना ।
			10.छात्रों में नाट्य अभिनय की रुचि विकसित कराना ।
8.	SYBA S-2	मध्ययुगीन काव्य	1.कबीर के साहित्य का परिचय देना ।
	2019 Pattern	तथा उपन्यास	2.मीराबाई के काव्य से अवगत कराना ।
		साहित्य	3.भारतीय उपन्यास की अवधारणा समझाना ।
			4.उपन्यास कृति का मूल्यांकन कला विकसित कराना I
			5.साहित्य कृतियों प्रस्तुत जीवनमूल्यों को आत्मविस्तृत
			कराना ।
		-	6.रहीम के काव्य का बोध कराना ।
			7.बिहारी की काव्य अभिव्यंजना समझाना ।
			8.हिंदी नाटक और रंगमंच से अवगत कराना ।
			9.छात्रों में अभिनय गुण विकसित कराना ।
			10.नाट्य आलोचना से अवगत कराना ।
9.	SYBA Skill	अनुवाद स्वरूप	1.अनुवाद कौशल्य से छात्रों को अवगत कराना ।
	Enhancement2	एवं व्यवहार	2.अनुवाद का स्वरूप समझाना ।
	019 Pattern		3.अनुवाद क्षेत्र से परिचित कराना ।
			4.हिंदी से मराठी में प्रत्यक्ष अनुवाद कार्य कराना ।
			5.अंग्रेजी से हिंदी मराठी में अनुवाद कौशल का विकास
			कराना ।
		माध्यम लेखन	6.छात्रों को माध्यम लेखन से परिचित कराना ।
			7.सृजनात्मक लेखन कौशल विकसित कराना ।
			8.माध्यम लेखन से अवगत कराना ।
			9.श्रव्य दृश्य माध्यमों की भाषा से अवगत करना ।

10.	SYBA MIL	हिंदी आषा	1.हिंदी भाषा श्रवण कौशल विकसित कराना ।
	2019 Pattern	शिक्षण	2.छात्रों में हिंदी आषा वाचन कौशल विकसित करना ।
			3. छात्रों में हिंदी भाषा संवाद कौशल विकसित करना ।
			4.छात्रों में हिंदी भाषा लेखन कौशल विकसित करना
			5.हिंदी भाषा विधि तथा भाषा व्यवहार से अवगत करना
			<ol> <li>लघु कथा सुर्जन कौशल्य विकसित करना ।</li> </ol>
			7.छात्रों में वाक्य के भेद से अवगत करना ।
			8.छात्रों में विषय प्रकार के वाक्यों से परिचित करना ।
			9.छात्रों में हिंदी आधा श्रवण कौशल विकसित करना ।
			10.छात्रों में हिंदी भाषा संवाद कौशल विकसित करना ।
			11.छात्रों में हिंदी आषा वाचन कौशल विकसित करना ।
			12.छात्रों में हिंदी आषा लेखन कौशल विकसित करना ।
			13.हिंदी भाषा विधि तथा भाषा व्यवहार से अवगत करान
			14.हिंदी काव्य गीत सूजन कौशल विकसित करना ।
11.	T.Y.B.A. S-3	हिंदी साहित्य का	1. हिन्दी साहित्य के इतिहास की लेखन परंपरा से
	2013 Pattern	इतिहास	अवगत कराना ।
			2. हिन्दी साहित्य के इतिहास के कालखंडो के नामकरण
			एवं पृस्टभूमि का परिचय देना।
			3. हिन्दी साहित्य की प्रतिनिधी रचनाओं और रचनाकारो
			का महत्व विशद करना।
			<ol> <li>हिन्दी साहित्य के इतिहास के माध्यम से साहित्य और</li> </ol>
			युगजीवन का संबंध विशद करना।
			5. हिन्दी साहित्य के विकासक्रम तथा साहित्य के
			परिवर्तन के कारनो का परिचय देना
12.	T.Y.B.A. S-4	काट्यशास्त्र	1. छात्रों को अलंकार, छंदों के स्वरूप के साथ उनका
14.	2013 Pattern		सोदाहरण परिचय कराना
	2013 1 44611		<ol> <li>छात्रों को गद्य - भेदों के साथ नाटक, एकांकी और</li> </ol>
			निबंध के स्वरूप एवं तत्वों की जानकारी देना
			3. छात्रों को रस का स्वरूप, रस के अंगो एवं भेदों का
			परिचय देना
			4. छात्रों को आलोचना का स्वरूप, आलोचना की
			उपयोगिता और आलोचक के गुणों से परिचय कराना

13.	T.Y.B.A. 2013	हिंदी सामान्य-3	1 छात्रों को आत्मकथा और दिर्घ कविता का परिचय देना।
	Pattern		<ol> <li>छात्रो को सरकारी पत्रलेखन की पद्धति से अवगत कराना।।</li> </ol>
			3.छात्रो को पत्रकारिता के पेहलओ परिचित करवना ।
			4 छात्रों में अंग्रेजी से हिंदी में अनुवाद कारने की कला को विकसित करना।
			5 छात्रों को परिभाषिक शब्दों के माध्यम से सरकारी कार्यालय में प्रयुक्त की जानेवाली हिंदी से पारिचित
			कराना ।

Head Department of Hindi ACS & Comp.Sci. College, Ashvi Kd

## Department of English

Sr.	Programme	Course Outcome	Programme Specific Outcome
<u>No.</u>	B. A. English	<ol> <li>To provide in depth knowledge of language and literary concepts.</li> </ol>	<ol> <li>After completion of programme, students will be able to have in depth knowledge of language and literary concepts.</li> </ol>
	and rece	2. To familiarize with contemporary and recent trends and advances in language and literature	<ol> <li>They became familiarize with contemporary and recent trends and advances in language and literature.</li> </ol>
		3. To improve language competence.	3. Language competence improved.
		4. To introduce students to some advanced areas of language study.	<ol> <li>Students got introduced to some advanced areas of language study.</li> </ol>
		5. To prepare students to go for detailed study and understanding of literature and language	<ol> <li>They become confident to prepare to go for detailed study and understanding of literature and language.</li> </ol>

Sr. No	Class	Course	Course Objectives	Course Outcomes
1	F.Y.B.A.	Compulsory English: Visionary Gleam: A Selection of Prose and Poetry (2013 pattern)	<ol> <li>To familiarize students with excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.</li> <li>To give exposure to native cultural experiences and situations in order to develop humane values and social awareness.</li> <li>To developed overall linguistic competence and communicative skills of the student</li> </ol>	<ol> <li>Students familiarized with excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.</li> <li>Students got exposure to native cultural experiences and situations in order to develop humane values and social awareness.</li> <li>Developed overall linguistic competence and communicative skills of the student</li> </ol>
2	F.Y.B.A	Compulsory English: Literary Gleam: An Anthology of Prose and Poetry (2019 pattern)	<ol> <li>To expose students to the best examples of prose and poetry in English so that they realize the beauty and communicative power of English</li> <li>To develop the ability to appreciate idea and think critically.</li> <li>To instill human values and develop the character of students as responsible citizens of the world.</li> <li>To enhance employability of the students by developing their linguistic competence and communicative skills.</li> </ol>	<ol> <li>Students got exposure to the best examples of prose and poetry in English so that they realize the beauty and communicative power of English</li> <li>Developed the ability to appreciate idea and think critically.</li> <li>Instilled human values and develop the character of students as responsible citizens of the world.</li> <li>Enhanced employability of the students by developing their linguistic competence and communicative skills.</li> </ol>

## Program offered: F.Y. /S.Y./T.Y. BA/ FYB.Com

	3	F.Y. B.A	Optional English: Interface: English	<ol> <li>To give exposure to the basics of literature and language.</li> <li>To familiarize with</li> </ol>	<ol> <li>Students got exposure to the basics of literature and language.</li> <li>They familiarized with different types of literature in</li> </ol>
The state of the s			Literature and Language (2013 Pattern)	different types of literature in English, the literary devices and terms so that they understand the literary merit, beauty and creative use of language 3. To introduce to the basic units of language so that they become aware of	English, the literary devices and terms so that they understand the literary merit, beauty and creative use of language 3. Got introduced to the basic units of language so that they become aware of the technical aspects and their practical usage. 4. Students prepared to go for
	37 4		Sprinse Sprinse Sprinse Sprinse Sprinse	the technical aspects and their practical usage. 4. To prepare students to go for detailed study and understanding of literature and language.	detailed study and understanding of literature and language. 5. Developed an integrated view about language and literature in them
			out their (2014 Stitteen	5.To developed an integrated view about language and literature in them	1. Students learned the basics of
	4	F.Y. B.A	Optional English: Initiations Minor Literary Forms & Basics of Phonology(20 19 pattern)	<ol> <li>To expose students to the basics of literature and language and develop an integrated view about language and literature in them.</li> <li>To acquaint them with minor forms of literature in English and help them</li> </ol>	1. Students learned the basics of literature and language and developed an integrated view about language and literature in them. 2. Acquainted with minor forms of literature in English and help them to appreciate the creative use of language in literature.
- 19 N			19 parterny	in English and help them to appreciate the creative use of language in literature. 3. To introduce them to the basics of phonology of English so that they can pronounce better and speak English correctly. 4. To enhanced the job potential of students by improving their language	<ol> <li>Introduced the basics of phonology of English so that they can pronounce better and speak English correctly.</li> <li>Enhanced the job potential of students by improving their language skills</li> </ol>

5	F.Y.B. Com	Compulsory English: A Pathway to Success (2013 Pattern)	<ol> <li>To realize the beauty and communicative power of English through good pieces of prose and poetry.</li> <li>To give exposure to native cultural experiences and situations so that they understood the importance and utility of English language.</li> <li>To develop overall linguistic competence and communicative skills among the students.</li> <li>To developed oral and written communicative skills among the students so that their employability enhanced and English becomes the medium of their livelihood and personality</li> </ol>	<ol> <li>Students realized the beauty and communicative power of English through good pieces of prose and poetry.</li> <li>They got exposure to native cultural experiences and situations so that they understood the importance and utility of English language.</li> <li>Developed overall linguistic competence and communicative skills among the students.</li> <li>Developed oral and written communicative skills among the students so that their employability enhanced and English becomes the medium of their livelihood and personality.</li> </ol>
6	F.Y.B. Com	Compulsory English: Success Avenue (2019 Pattern)	1. To develop oral and written communication skills among the students so that their employability enhances and English becomes the medium of their livelihood and personality 2. To expose students to a variety of topics that dominate the contemporary socio economic and cultural life. 3. To offer relevant and practically helpful pieces of prose and poetry to students so that they not only get to know the beauty and communicative power of English but also its practical application. 4. To develop overall linguistic competence and communicative skills of students.	<ol> <li>Developed oral and written communication skills among the students so that their employability enhances and English becomes the medium of their livelihood and personality 2 Exposed students to a variety of topics that dominate the contemporary socio economic and cultural life.</li> <li>Offered relevant and practically helpful pieces of prose and poetry to students so that they not only get to know the beauty and communicative power of English but also its practical application.</li> <li>Developed overall linguistic competence and communicative skills of students.</li> </ol>

7	S.Y.B. A	Compulsory English: Literary Landscapes (2013 Pattern)	<ol> <li>To develop their competence among the students for self-learning.</li> <li>To familiarize Students with excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.</li> <li>To developed students' interest in reading literary pieces.</li> <li>To give exposure to native cultural experiences and situations in order to develop humane values and social awareness.</li> <li>To developed overall linguistic competence and communicative skills of the students</li> </ol>	<ol> <li>Developed competence among the students for self-learning.</li> <li>Students familiarized with excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.</li> <li>Developed students' interest in reading literary pieces.</li> <li>Got exposure to native cultural experiences and situations in order to develop humane values and social awareness.</li> <li>Developed overall linguistic competence and communicative skills of the students</li> </ol>
8	S.Y.B. A.	General English(G-2): Study of English Language and Literature	<ol> <li>To expose students to the basics of short story, one of the literary form</li> <li>To familiarize them with different types of short stories in English</li> <li>To understand the literary merit, beauty and creative use of language.</li> <li>To introduce to some advanced units of language so that they become aware of the technical aspects and their practical usage.</li> <li>To prepare them to go for detailed study and understanding of literature and language</li> <li>To developed integrated view about language and literature in them</li> </ol>	<ol> <li>Students got exposure to the basics of short story, one of the literary forms.</li> <li>Familiarized with different types of short stories in English.</li> <li>They understood the literary merit, beauty and creative use of language.</li> <li>Got introduction to some advanced units of language so that they become aware of the technical aspects and their practical usage.</li> <li>Students prepared to go for detailed study and understanding of literature and language</li> <li>Developed integrated view about language and literature in them</li> </ol>

9	S.Y.B. A.	Optional English(S-1): Appreciating Drama	To acquaint and familiarized students with the terminology in Drama Criticism (i.e. the terms used in Critical Analysis and Appreciation of Drama). 2.To encourage to make a detailed study of a few sample masterpieces of English Drama from different parts of the world 3.To Develop interest among the students to appreciate and analyze drama independently 4 . To enhanced student's	<ol> <li>Students acquainted and familiarized with the terminology in Drama Criticism (i.e. the terms used in Critical Analysis and Appreciation of Drama).</li> <li>Students got encouraged to make a detailed study of a few sample masterpieces of English Drama from different parts of the world</li> <li>Developed interest among the students to appreciate and analyze drama independently</li> <li>Enhanced students awareness in the aesthetics of Drama and to empower them to evaluate drama</li> </ol>
	-		awareness in the aesthetics of Drama and to empower them to evaluate drama independently.	independently
10	S.Y.B. A.	Optional English(S-2): Appreciating Poetry	<ol> <li>To acquaint and familiarize students with the terminology in poetry criticism (i.e. the terms used in critical analysis and appreciation of poems)</li> <li>To encourage students to make a detailed study of a few sample masterpieces of English poetry.</li> <li>To enhanced students awareness in the aesthetics of poetry and to empower</li> </ol>	<ol> <li>Students acquainted and familiarized with the terminology in poetry criticism (i.e. the terms used in critical analysis and appreciation of poems)</li> <li>Students got encouraged to make a detailed study of a few sample masterpieces of English poetry.</li> <li>Enhanced students awareness in the aesthetics of poetry and to empower them to read, appreciate and critically</li> </ol>
		-	them to read, appreciate and critically evaluate the poetry independently.	evaluate the poetry independently.

11	T.Y.B. A.	Compulsory English: Literary Pinnacles	<ol> <li>To introduce students to the best uses of language in literature.</li> <li>To familiarize students with the communicative power of English.</li> <li>To make them competent users of English in real life situations.</li> <li>To give students exposure to varied cultural experiences through literature.</li> <li>To develop students' overall personality by improving their communicative and soft skills.</li> </ol>	<ol> <li>Students introduced to the best uses of language in literature.</li> <li>Students familiarized with the communicative power of English.</li> <li>Students become competent users of English in real life situations.</li> <li>Students got exposure to varied cultural experiences through literature.</li> <li>It contributed to students' overall personality development by improving their communicative and soft skills.</li> </ol>
12	T.Y.B. A.	General English(G-3): Advanced Study of English Language and Literature	<ol> <li>To give exposure to the students to some of the best samples of Indian English Poetry.</li> <li>To get experience of Indian English poetry and expresses the ethos and culture of India.</li> <li>To understand creative uses of language in Indian English Poetry</li> <li>To introduce to some advanced areas of language study.</li> <li>To help students to prepare to go for detailed study and understanding of literature and language.</li> </ol>	<ol> <li>Students got exposure to some of the best samples of Indian English Poetry.</li> <li>Students experienced Indian English poetry and expresses the ethos and culture of India.</li> <li>They understood creative uses of language in Indian English Poetry</li> <li>Students got introduced to some advanced areas of language study.</li> <li>It helped students to prepare to go for detailed study and understanding of literature and language.</li> </ol>

13	T.Y.B. A.	Optional English(5-3): Appreciating Novel	<ol> <li>To introduce to the basics of novel as a literary form.</li> <li>To give exposure to the historical development and nature of novel.</li> <li>To make aware of different types and aspects of novel.</li> <li>To developed literary sensibility and sense of cultural diversity in students.</li> <li>To give exposure to some of the best examples of novel.</li> </ol>	<ol> <li>Students introduced to the basics of novel as a literary form</li> <li>Students got exposure to the historical development and nature of novel</li> <li>They became aware of different types and aspects of novel</li> <li>Developed literary sensibility and sense of cultural diversity in students</li> <li>Students got exposure to some of the best examples of novel</li> </ol>
14	T.Y.B. A.	Optional English(S-4): Introduction to Literary Criticism	<ol> <li>To introduce students to the basics of literary criticism</li> <li>To make them aware of the nature and historical development of criticism</li> <li>To familiarize students with the significant critical approaches and terms</li> <li>To encouraged students to interpret literary works in the light of the critical approaches</li> <li>To developed aptitude for critical analysis</li> </ol>	<ol> <li>Introduced students to the basics of literary criticism</li> <li>They became aware of the nature and historical development of criticism</li> <li>They became familiar with the significant critical approaches and terms</li> <li>Students got encouraged to interpret literary works in the light of the critical approaches</li> <li>Developed aptitude for critical analysis</li> </ol>

Head Department of English ACS & Comp.Sci. College, Ashvi Kd.

#### Department of Economics

Sr. No.	Programme	Course Outcome	Programme Specific Outcome
1	B. A. Economics	<ol> <li>To provide in depth knowledge of socio-economic aspects.</li> </ol>	<ol> <li>After completion of program, students will be able to have in- depth knowledge of basic concepts in Economics.</li> </ol>
		2. To familiarize with current and recent developments in Economics	2. A good academic background to be able to seek admission for masters degree in Economics
		3. To enrich knowledge through problem solving, hands-on activities projects.	3.An academic background to be able to crack the banning and administrative examinations
		4. To provide a broad and comprehensive knowledge in micro and macro Economics, Public Economics, Indian Economy and Agricultural Economics.	
		5.To develop analytical abilities towards real world problems	

Sr. No	Class	Course	Course Objectives	Course Outcomes
1	F.Y.B.A.	Indian Economy - Problems and Prospects (2013 Pattern)	<ol> <li>The course intends to make students aware about the Developing Economy, Theory of Demographic Transition.</li> <li>The course intends to make students aware about the Poverty and Unemployment, Place of Agriculture in Indian economy, Role of Industrialization, Meaning and Classification of Labour Meaning.</li> <li>The course intends to make students aware about the Concept, Need and Objectives Salient Features of Economy of Maharashtra</li> </ol>	<ol> <li>After completion of program, students will be able to have in- depth knowledge of the Developing Economy, Theory of Demographic Transition.</li> <li>Students will be get acquainted with the basic concept of the Poverty and Unemployment, Place of Agriculture in Indian economy, Role of Industrialization, Meaning and Classification of Labour Meaning.</li> <li>After completion of program, students will be able to have in- depth knowledge of the Concept, Need and Objectives Salient Features of Economy of Maharashtra</li> </ol>
2	F.Y.B.A.	Indian Economic Environment (2019 Pattern)	<ol> <li>The course intends to make students aware about the Developing Economy, Theory of Demographic Transition.</li> <li>The course intends to make students aware about the Poverty and Unemployment, Place of Agriculture in Indian economy, Role of Industrialization, Meaning and Classification of Labour Meaning.</li> <li>The course intends to make students aware about the Concept, Need and Objectives Salient Features of Economy of Maharashtra</li> </ol>	<ol> <li>After completion of program, students will be able to have in- depth knowledge of the Developing Economy, Theory of Demographic Transition.</li> <li>Students will be get acquainted with the basic concept of the Poverty and Unemployment, Place of Agriculture in Indian economy, Role of Industrialization, Meaning and Classification of Labour Meaning.</li> <li>After completion of program, students will be able to have in- depth knowledge of the Concept, Need and Objectives Salient Features of Economy of Maharashtra</li> </ol>

# Program offered: F.Y. /S.Y./T.Y. BA/ B.Com

3	F.Y. B.Com.	Business Economics (Micro) (2013 Pattern)	<ol> <li>To expose Students of Commerce to basic micro economic concepts and inculcate an analytical approach to the subject matter.</li> <li>To stimulate the student interest by showing the relevance and use of various economic theories.</li> <li>To apply economic reasoning to problems of business.</li> </ol>	<ol> <li>Students will be get acquainted with the basic micro economic concepts and inculcate an analytical approach to the subject matter.</li> <li>Students will be acquaint the basic concepts of the relevance and use of various economic theories.</li> <li>After completion of program, students will be able to have in- depth knowledge of economic reasoning to problems of business.</li> </ol>
4	F.Y. B.Com.	Business Economics (Micro) (2019 Pattern)	<ol> <li>To expose Students of Commerce to basic micro economic concepts and inculcate an analytical approach to the subject matter.</li> <li>To stimulate the student interest by showing the relevance and use of various economic theories.</li> <li>To apply economic reasoning to problems of business.</li> </ol>	<ol> <li>Students will be get acquainted with the basic micro economic concepts and inculcate an analytical approach to the subject matter.</li> <li>Students will be acquaint the basic concepts of the relevance and use of various economic theories.</li> <li>After completion of program, students will be able to have in- depth knowledge of economic reasoning to problems of business.</li> </ol>
5	S.Y.B. Com	Business Economics (Macro) (2013 Pattern)	<ol> <li>The objective of the course is to familiarize the students the basic concept of Macro Economics and application.</li> <li>To study the behavior of the economy as a whole.</li> <li>To study the relationship among broad aggregates.</li> <li>To apply economic reasoning to problems of the economy.</li> </ol>	<ol> <li>Students will be get acquainted with the basic concept of Macro Economics and application.</li> <li>After completion of program, students will be able to have in- depth knowledge of behavior of the economy as a whole.</li> <li>Students will be acquaint the basic concepts of the relationship among broad aggregates.</li> <li>Students will be familiar with the apply economic reasoning to problems of the economy.</li> </ol>

6	S.Y.B. Com	Business Economics (Macro) (2019 Pattern)	<ol> <li>The objective of the course is to familiarize the students the basic concept of Macro Economics and application.</li> <li>To study the behavior of the economy as a whole.</li> <li>To study the relationship among broad aggregates.</li> <li>To apply economic reasoning to problems of the economy.</li> </ol>	<ol> <li>Students will be get acquainted with the basic concept of Macro Economics and application.</li> <li>After completion of program, students will be able to have in- depth knowledge of behavior of the economy as a whole.</li> <li>Students will be acquaint the basic concepts of the relationship among broad aggregates.</li> <li>Students will be familiar with the apply economic reasoning to problems of the economy.</li> </ol>
7	S.Y.B. A.,	G-2: Modern Banking	<ol> <li>To create the awareness among the students of Modern Banking System.</li> <li>Banking constitutes important components towards understanding of economics.</li> <li>Clear understanding of the operations of banking their interaction with the rest of the economy is essential to realize how monetary forces operate through a multitude of channels- market, non- market, institutions and among others, the state.</li> </ol>	<ol> <li>Students will be get awared with the Modern Banking System.</li> <li>Students will be familiar with Banking constitutes important components towards understanding of economics.</li> <li>After completion of program, students will be able to have in- depth knowledge of Clear understanding of the operations of banking their interaction with the rest of the economy is essential to realize how monetary forces operate through a multitude of channels- market, non-market, institutions and among others, the state.</li> </ol>
8	S.Y.B. A.	S-1: Micro Economics	<ol> <li>As a foundation course, in this paper, student is expected to understand the behavior of an economic agent, namely, a consumer, a producer, a factor owner and the price fluctuation in a market.</li> <li>The chapter incorporated in this paper deal with the nature and scope of economics, the theory of consumer behavior, analysis of production function and equilibrium of a producer, the price formation in</li> </ol>	<ol> <li>As a foundation course, in this paper, student is expected to understand the behavior of an economic agent, namely, a consumer, a producer, a factor owner and the price fluctuation in a market. 2. The chapter incorporated in this paper deal with the nature and scope of economics, the theory of consumer behavior, analysis of production function and equilibrium of a producer, the price formation in different markets structures and the equilibrium of a firm and industry. 3. In addition, the</li> </ol>

			different markets structures and the equilibrium of a firm and industry. 3. In addition, the principles of factor pricing and commodity pricing as also the problems of investment and welfare economics have been included.	principles of factor pricing and commodity pricing as also the problems of investment and welfare economics have been included.
9	S.Y.B. A.	S-2: Macro Economics	<ol> <li>On account of the growing influence and involvement of the State in economic fields, macro- economic has become a major area of economic analysis in terms of theoretical, empirical as well as policy making issues.</li> <li>Macro economics has an extensive, substantive as well as methodological content. It deals with the functioning of the economy as a whole, the objective of the course is to familiarize the students the basic concept of Macro as well as methodological contents.</li> <li>It deals with the functioning of the economy as a whole, including how the economy's total output of goods and services and employment of resources is determined and what causes these totals to fluctuate.</li> <li>The paper entitled Macroeconomics is designed to make an undergraduate student aware of the basic theoretical framework underlying the field of Macro-economics.</li> </ol>	methodological contents. 3. Students will be get acquainted with the functioning of the economy as a whole, including how the economy's total output of goods and services and employment of resources is

economic planning etc. in developing countries.
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11 T.	Y.B.	S-3: International Economics	<ol> <li>This course provides the students a thorough understanding and deep knowledge about the basic principles that tend to govern the free flow of trade in goods and services at the global level. 2. The contents of the Paper spread over various modules, lay stress both on theory and applied nature of the subject that have registered rapid changes during the last decade.</li> <li>Besides this, the contents prepare the students to know the impact of free trade and tariffs on the different sectors of the economy as well as at the macro level.</li> <li>The students would also be well trained about the rationale of recent changes in the export import policies of India. 5. This paper has become relatively more relevant from the policy point of view under the present waves of globalization and liberalization both in the North and in the South.</li> </ol>	<ol> <li>Students will be get acquainted with the understanding and deep knowledge about the basic principles that tend to govern the free flow of trade in goods and services at the global level. 2. After completion of program, students will be able to have in- depth knowledge of the contents of the Paper spread over various modules, lay stress both on theory and applied nature of the subject that have registered rapid changes during the last decade.</li> <li>Students will be get acquainted with the contents prepare the students to know the impact of free trade and tariffs on the different sectors of the economy as well as at the macro level. 4. Students will be get acquainted with the rationale of recent changes in the export import policies of India. 5. Students will be get acquainted with the policy point of view under the present waves of globalization and liberalization both in the North and in the South.</li> </ol>
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	Г.Y.В. Ą.	S-4: Public Finance	<ol> <li>Role and functions of the Government in an economy has been changing with the Passas of time.</li> <li>The term 'Public Finance' has traditionally been applied to the package of those policies and operations which involve the use of tax and expenditure measures while budgetary policy is an important part to understand the basic problems of use of resources, distribution of Income, etc.</li> <li>There are vast array of fiscal institutions -tax systems, expenditure programs budgetary procedures, stabilization instruments, debt issues, levels of government, etc., which Raise a spectrum of issues arising from the operation of these institutions.</li> <li>Further, the existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner which combines individual freedom and justice.</li> </ol>	<ol> <li>After completion of program, students will be able to have in- depth knowledge of Role and functions of the Government in an economy has been changing with the Passas of time.</li> <li>Students will be acquaint the basic concepts of The term 'Public Finance' has traditionally been applied to the package of those policies and operations which involve the use of tax and expenditure measures while budgetary policy is an important part to understand the basic problems of use of resources, distribution of Income, etc.</li> <li>Students will be acquaint the basic concepts of vast array of fiscal institutions -tax systems, expenditure programs budgetary procedures, stabilization instruments, debt issues, levels of government, etc., which Raise a spectrum of issues arising from the operation of these institutions.</li> <li>Students will be acquaint the basic concepts of the existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner which combines individual freedom and justice.</li> </ol>
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Head Department of Economics ACS & Comp.Sci. College, Ashvi Kd.

#### Department of Geography

Sr. No.	Programme	Course Objectives	Programme Specific Outcome
1	B. A. Geography	<ol> <li>To provide broad and comprehensive knowledge in Physical, Regional, Population, Tourism and Disaster Management Geography</li> </ol>	<ol> <li>A good academic background to be able to seek admission for master's degree in geography</li> </ol>
	-	2. To develop the practical skills of Geography	<ol> <li>Capability of applying the knowledge in solving the real world problems</li> </ol>
		<ol> <li>To explain that, solving geographical problems is based on experiential analyses of data through various methods.</li> </ol>	<ol> <li>Skill in cartography for data representation.</li> </ol>
		<ol> <li>To help students build-up a progressive and successful career in Geography</li> </ol>	

Sr. No	Class	Course	Objectives	Course Outcomes
1	F.Y.B.A. Geography (CBCS - 2019-20)	Sem - I Gg- 110 (A) -Physical Geography	I. To introduce the students to the basic concepts in Physical geography. II. To introduce latest concept in Physical geography III. To acquaint the students with the utility and application of Physical geography in different regions and environment. IV. To make the students aware about Earth system (Lithosphere, Atmosphere, Biosphere and Hydrosphere)	Upon successful completion of this course, the student will be able to: i) The geographical maturity of students in their current and future courses shall develop. ii) The student develops theoretical, applied and computational skills.

		Sem- II Gg- 110 (B) Human Geography	<ol> <li>To introduce the students to the basic concepts in Human geography.</li> <li>To introduce latest concept in Human Geography</li> <li>To acquaint the students with the utility and application of Human Geography in different regions and environment.</li> </ol>	Upon successful completion of this course, the student will be able to: i) The geographical maturity of students in their current and future courses shall develop. ii) The student develops theoretical, applied and skills.
2	S.Y.B.A. Geography (2013 Pattern)	Gg- 210- Elements of Climatology and Oceanography	<ul> <li>i. To introduce the students to the basic principles and concepts in Climatology and Oceanography.</li> <li>ii. To acquaint the students with the applications of Climatology and Oceanography in different areas and environment.</li> <li>iii. To make the students aware of the Planet Earth and thereby to enrich the student's knowledge.</li> </ul>	Upon successful completion of this course, the student will be able to: 1. Students will be able to know the basic principal of Climatology and Oceanography. 2. Students will be get acquainted with the the applications of Climatology and Oceanography. 3. Students will be aware of the Planet Earth and thereby to enrich the student's knowledge.
		Gg- 220- Economic Geography	i. To introduce the students to the basic principles and concepts in Economic Geography ii. To acquaint the students with the applications of Economic Geography in different areas and development. iii. The main aim is to integrate the various factors of economic development and to acquaint the students about this dynamic aspect of economic geography	Upon successful completion of this course, the student will be able to: 1. Students will be acquainting the basic concepts of Economic Geography. 2. Students will be aware of the applications of Economic Geography in different areas and development. 3. Students will get acquaint to the dynamic aspect of Economic geography

		S-2: Fundamental s of Geographical Analysis	<ol> <li>To enable the students to use various projections and cartographic techniques.</li> <li>To acquaint the students with basics of statistical data and diagram.</li> <li>To acquaint the students with the principles of surveying, its importance and utility in the geographical study.</li> </ol>	<ol> <li>Students will be able to use various projections and cartographic techniques.</li> <li>Students will be able to use the statistical data and draw diagram.</li> <li>Students will be able to do survey and know its importance and utility in the geographical study.</li> </ol>
		Environment Awareness	<ol> <li>To acquaint the students with basic concepts of environment.</li> <li>To aware the students with various types of environmental issues.</li> <li>To make the students go for remedies on environment issues.</li> </ol>	<ol> <li>Students will be getting acquainted with the basic concepts of environment.</li> <li>Students will be aware of various types of environmental issues.</li> <li>Students will be able to give remedies on environment issues</li> </ol>
3	T.Y.B.A. Geography	G-3: Regional Geography of India	<ol> <li>To understand the physical characteristics of India. 2. To understand the cultural characteristics of India.</li> <li>To sensitize the students with development issues and policies and programmes design for regional development.</li> </ol>	<ol> <li>Students can understand the physical characteristics of India.</li> <li>Students can understand the cultural characteristics of India.</li> <li>Students will be sensitized with development issues and policies and programmes designed for regional development.</li> </ol>
		S-3: Agricultural Geography	<ul> <li>i. To introduce the students to the basic principles and concepts in Agriculture Geography</li> <li>ii. To acquaint the students with the applications of Agriculture Geography in different areas and development.</li> <li>iii. The main aim is to integrate the various factors of Agriculture development and to acquaint the students about this dynamic aspect of Agriculture Geography</li> </ul>	Upon successful completion of this course, the student will be able to: 1. Students will understand the basic principles and concepts in Agriculture Geography 2. Students will get acquaint with the applications of Agriculture Geography in different areas and development. 3. Students will be get acquainted with the dynamic aspect of Agriculture Geography

S-4: Techniques in Spatial Analysis	<ol> <li>To introduce the students with SOI toposheets and to acquire the knowledge of toposheet reading/ interpretation.</li> <li>To familiarize the students with the weather instruments and their applications in geographical phenomena.</li> <li>To acquaint the students with IMD weather maps and to gain the knowledge of weather map reading/ interpretation.</li> <li>To train the students in elementary statistics as an essential part of geography.</li> <li>To create awareness about GIS among the students.</li> </ol>	<ol> <li>Students will know the SOI toposheets and they will learn the toposheet reading/ interpretation.</li> <li>Students will be familiarized with the weather instruments and their applications in geographical phenomena.</li> <li>Students will get acquainted with IMD weather maps and to gain the knowledge of weather map reading/ interpretation.</li> <li>Students will be trained in the elementary statistics as a essential part of geography.</li> <li>Students will be aware of GIS.</li> </ol>
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Department of Geography ACS & Comp.Sci. College, Ashvi Kd.

#### Department of History

Sr. No.	Programme	Course	Course Objectives	Programme Specific Outcome
1	B.A. Degree Course	History General subject	<ol> <li>All Type Events study in History, To get student vast knowledge.</li> <li>Students should understand academic honesty, a concept presented to them in all history classes. Students should understand the basic skills that historians use in writing.</li> <li>To Develop historical (subject specific) skills including the ability of critical and logical thinking.</li> <li>student's should understand all type events and achieve big knowledge of history.</li> <li>How to do interpretation every events causes and effects known by historical study.</li> </ol>	<ol> <li>They get related to history various type knowledge, its useful for public sector competitive examination,</li> <li>They introduce cultural, religious, socio-economic, and political events and condition.</li> <li>Increase critical thinking, Students will learn to apply historical methods to evaluate critically the record of the past and how historians and others have interpreted it.</li> <li>Increase research skills, Students will acquire basic historical research skills, including (as appropriate) the effective use of libraries, archives, and databases.</li> <li>Increase communication skills, students will learn to organize and express their thoughts clearly and coherently both in writing and orally.</li> </ol>

# Course Outcomes

Sr. No.	Class	Course	Course Objectives	Course Outcomes
1	F.Y.B. A Pattern 2013	History -Gen Annual Pattern Chh. Shivaji and His Times (1630 – 1707)	<ol> <li>To Introduce innovative study techniques in the study of History of Maratha to make it value based, conceptual and thought provocative.</li> <li>To introduce International elements in the study of Marathas to facilitate comparative analysis of this history.</li> <li>To highlight the importance of past in exploration of present context.</li> <li>To understand the Socio –economic, cultural and political background of 17th century Maharashtra.</li> <li>To increase the spirit of healthy Nationalism &amp; Secularism among the student.</li> <li>To encourage student s to for competitive examinations.</li> <li>To promote interest in the discipline of History. Suggesting the Importance of References.</li> </ol>	<ol> <li>Students got knowledge history of Chh. Shivaji and his times History</li> <li>Student view increased of Chh. Shivaji's Administration and his internal policy.</li> <li>Students got knowledge of Chh. Shivaji's political worship, Administration and his internal policy. and his foreign policy.</li> <li>Introduced to student highlight the consequences of the foreign invasions, particularly on the polity, economy, society and art and architecture.</li> <li>Students got knowledge of maratha history and get inspiration for students future.</li> </ol>
2	F.Y.B. A Pattern 2019		<ol> <li>The course is aimed at helping the student to understand the history of early India from the prehistoric times to the age of the Mauryas</li> <li>highlight the factors and forces behind the rise 3) growth and spread of civilization and culture of India along with the dynastic history.</li> <li>It also attempts to help the students to understand the contribution of Early Indians to polity, art, literature, philosophy, religion and science and technology. 5) It also aims to foster the spirit of enquiry among the students by studying the major developments in early Indian history.</li> <li>The course is aimed at introducing the students to the developments in different parts of India through a brief study of regional kingdoms up to the tenth century. 7)It attempts to highlight the consequences of the foreign invasions, particularly on the polity, economy, society and art and architecture.</li> <li>The attempt is also to instill the spirit of enquiry among the students.</li> <li>The history of India after the Mauryas is very important to anderstand the developments in early india after the Mauryas, which finally</li> </ol>	<ol> <li>Students got knowledge history of early India from the prehistoric times to the age of the Mauryas</li> <li>Student view increased of civilization and culture of India along with the dynastic history.</li> <li>Students got knowledge of Early Indians to polity, art, literature, philosophy, religion and science and technology.</li> <li>Introduced to student highlight the consequences of the foreign invasions, particularly on the polity, economy, society and art and architecture.</li> <li>Students got knowledge of India through a brief study of regional kingdoms up to the tenth century.</li> </ol>

3	S.Y.B.A History Pattern -2013	History Gen History of Modern- India (1857-1950)	<ol> <li>The Course is designs to help the student to know History of freedom movement of India aims, objectives problems and progress of Independent India.</li> <li>It aims at enabling the student to understand the processes of rise of modern India.</li> <li>The Course attempts to acquaint student with fundamental aspects of Modern Indian History.</li> <li>To explain the basic concepts, concerns frame work of Indian History.</li> </ol>	<ol> <li>"History of Modern India" topic as a part of History is a very important section as far as the Syllabus of any competitive examination is possible, especially Civil Services exams.</li> <li>Students understand of the stages of development in Modern India, why certain events happened and analysis of the consequences of such developments that paves an impact on our society, economy and our political system.</li> <li>Modern Indian history Importance For competitive examination.</li> </ol>
4	T.Y.B. A. History Pattern -2013	History Gen History of World 20th Century. (1914 - 1992)	1. To help the student to know Modern World.         2. To acquaint the student with the Socio-economic & Political developments in other countries and understand the contemporary world in the light of its background History.         3 To orient the students with political history of Modern World. 4 To acquaint students about the main developments in the Contemporary World.         5. Impact knowledge about world concepts.       6. To enable students to understand the economic transition in World during the 20th Century.         7. Become aware of the principles, forces, processes and problems of the recent times.       8.         To acquaint the students with growth of various political movements that shaped the modern world.       9.         To highlight the rise and growth of nationalism as a movement in different parts of the world.       9.	<ol> <li>Students got knowledge of concept in world history.</li> <li>Students got a global event knowledge it is use for increased intellectual level.</li> <li>World trend of thinking, Marxist, Communalism, Dictatorship, Empearalism, Nazizum, fascism, Terrorism, Feminism, Globalization, etc introduced to Students.</li> </ol>

# Department of Commerce

#### Course Outcomes and Program Specific Outcomes

Sr. No.	Program	Course Outcomes	Program Specific Outcomes
I.	Financial Accounting (2013 Pattern)	1. To impact the knowledge of various accounting concepts.	<ol> <li>After completion of this course students will aware about various accounting concepts and accounting standards.</li> </ol>
		<ol> <li>To instill the knowledge about accounting procedure, methods and techniques</li> </ol>	<ol><li>Students will aware about the basic course in tally.</li></ol>
		<ol> <li>To acquaint them with practical approach to accounts writing by using software package.</li> </ol>	<ol> <li>Students will get ideas about the various accounting concepts like Amalgamation, dissolution, conversion and the basic concepts related royalty.</li> </ol>
2	Financial Accounting (2019 Pattern)	<ol> <li>To impact the knowledge of various accounting concepts.</li> </ol>	<ol> <li>After completion of this course students will aware about various accounting concepts and accounting standards.</li> </ol>
		<ol> <li>To instill the knowledge about accounting procedure, methods and techniques</li> </ol>	<ol><li>Students will aware about the basic course in tally.</li></ol>
		<ol> <li>To acquaint them with practical approach to accounts writing by using software package.</li> </ol>	<ol> <li>Students will get ideas about the various accounting concepts like Single Entry, dissolution, conversion and the basic concepts related royalty.</li> </ol>
3.	Computer Concept and Programm (2013 Pattern)	<ol> <li>To make the students familiar with Computer environment.</li> </ol>	On completion of the course students should be able to:
1		2. To make the students familiar with the basics of Operating System and business communication	<ol> <li>Use technology ethically, safely, securely, and legally.</li> </ol>
		<ol> <li>To make the students familiar with basics of Network, Internet and related concepts.</li> </ol>	<ol><li>Identify and analyze computer hardware, software, and network components.</li></ol>
		<ol> <li>To make awareness among students about applications of Internet in Commerce.</li> </ol>	<ol> <li>Design basic business web pages using current HTML/CSS coding standards.</li> </ol>
	Commance C	<ol><li>To enable students to develop their own web site.</li></ol>	<ol><li>Install, configure, and remove software and hardware.</li></ol>

#### Program offered : F.Y.B.Com

			<ol> <li>Use systems development, word- processing, spreadsheet, and presentation software to solve basic information systems problems.</li> </ol>
			<ol><li>Apply standard statistical inference procedures to draw conclusions from data.</li></ol>
			<ol> <li>Retrieve information and create reports from relational databases.</li> <li>Make intelligent computer purchase</li> </ol>
			decisions.
			<ol> <li>Analyze compression techniques and file formats to determine effective ways of securing, managing, and transferring data.</li> </ol>
4.	Computer Concept and Application	<ol> <li>To make the students familiar with Computer environment.</li> </ol>	On completion of the course students should be able to:
	(2019 Pattern)	<ol> <li>To make the students familiar with the basics of Operating System and business communication</li> </ol>	<ol> <li>Use technology ethically, safely, securely, and legally.</li> </ol>
		<ol> <li>To make the students familiar with basics of Network, Internet and related concepts.</li> </ol>	<ol><li>Identify and analyze computer hardware, software, and network components.</li></ol>
		<ol> <li>To make awareness among students about applications of Internet in Commerce.</li> </ol>	<ol> <li>Design basic business web pages using current HTML/CSS coding standards.</li> </ol>
		<ol><li>To enable students to develop their own web site.</li></ol>	<ol><li>Install, configure, and remove software and hardware.</li></ol>
			<ol> <li>Use systems development, word- processing, spreadsheet, and presentation software to solve basic information systems problems.</li> </ol>
			<ol><li>Apply standard statistical inference procedures to draw conclusions from data.</li></ol>
			<ol><li>Retrieve information and create reports from relational databases.</li></ol>
			<ol> <li>Make intelligent computer purchase decisions.</li> </ol>
			9. Analyze compression techniques and file formats to determine effective ways of securing, managing, and transferring data.
5.	Marketing and Salesmanship (2013 Pattern)	1.To create awareness about market and marketing	<ol> <li>After completion of the program students are understand the basic knowledge of marke and marketing.</li> </ol>
		2. To establish link between commerce and marketing	2. Students are understand the marketing philosophy and able to generate ideas about marketing research

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		3. To understand the basic concept of marketing	<ol> <li>After getting the knowledge of marketing students are able to plan the marketing strategy</li> </ol>
		<ol> <li>To understand marketing philosophy and generating ideas for marketing research</li> </ol>	
		<ol> <li>To know the relevance of marketing in modern competitive world</li> </ol>	
		<ol> <li>To develop an analytical ability to plan for various marketing strategy</li> </ol>	
6;	Fundamental Marketing (2019 Pattern)	1.To create awareness about market and marketing	<ol> <li>After completion of the program students are understand the basic knowledge of marke and marketing.</li> </ol>
		2.To establish link between commerce and marketing	<ol> <li>Students are understand the marketing philosophy and able to generate ideas about marketing research</li> </ol>
		3.To understand the basic concept of marketing	<ol> <li>After getting the knowledge of marketing students are able to plan the marketing strategy</li> </ol>
		4.To understand marketing philosophy and generating ideas for marketing research	
		<ol> <li>To know the relevance of marketing in modern competitive world</li> </ol>	
		<ol> <li>To develop an analytical ability to plan for various marketing strategy</li> </ol>	
7.	Banking and Finance (2013 Pattern)	1.To acquaint the students with the fundamentals of banking.	<ol> <li>This course provides students with a broad understanding of international monetary systems and banking with a specific focus on the effects of financial markets and trade balances on international trade and the analysis of regions, countries and markets for international trade.</li> </ol>
		<ol> <li>To develop the capability of students for knowing banking concepts and operations</li> </ol>	<ol> <li>Students are encouraged to analyze and consider international financial management decisions and are taught tools and methodologies to employ as global managers to mitigate risk and take advantage of opportunities in the marketplace.</li> </ol>
		<ol> <li>To make the students aware of banking business and practices.</li> </ol>	
		4. To give thorough knowledge of banking operations.	ompure



		5.To enlighten the students regarding the new concepts introduced in the banking system	
8.	Fundamental Banking (2019 Pattern)	1.To acquaint the students with the fundamentals of banking.	<ol> <li>This course provides students with a broad understanding of international monetary systems and banking with a specific focus on the effects of financial markets and trade balances on international trade and the analysis of regions, countries and markets for international trade.</li> </ol>
		<ol> <li>To develop the capability of students for knowing banking concepts and operations</li> </ol>	<ol> <li>Students are encouraged to analyze and consider international financial management decisions and are taught tools and methodologies to employ as global managers to mitigate risk and take advantage of opportunities in the marketplace.</li> </ol>
		<ol> <li>To make the students aware of banking business and practices.</li> </ol>	
		<ol><li>To give thorough knowledge of banking operations.</li></ol>	
		5.To enlighten the students regarding the new concepts introduced in the banking system	

## Program offered: S.Y.B.Com

Program	Course Objectives	Program Specific Outcomes
Business Communication	1.To understand the concept, process and importance of communication.	<ol> <li>Apply business communication strategies and principles to prepare effective communication for domestic and international business situations.</li> </ol>
	2.To develop awareness regarding new trends in business communication.	<ol> <li>Identify ethical, legal, cultural, and global issues affecting business communication.</li> </ol>
	3.To provide knowledge of various media of communication.	3. Utilize analytical and problem solving skills appropriate to business communication.
	4.To develop business communication skills through the application and exercises.	<ol> <li>Participate in team activities that lead to the development of collaborative work skills</li> </ol>
5	S Come	5. Select appropriate organizational formats and channels used in developing and presenting business messages.
	Commerce	6. Compose and revise accurate business
	Business	Business Communication       1. To understand the concept, process and importance of communication.         2. To develop awareness regarding new trends in business communication.         3. To provide knowledge of various media of communication.         4. To develop business communication skills through the application and exercises.

			documents using computer technology.
			7. Communicate via electronic mail, Internet, and other technologies.
			8. Deliver an effective oral business presentation.
2.	Corporate Accounting	1. To make aware the students about the conceptual aspect of corporate accounting	1. After completing the syllabus of this course students will aware about the conceptual aspect of corporate accounting
		2. To enable the students to develop skills for Computerized Accounting	<ol> <li>Students will aware about accounting standard and computerized accounting practices.</li> </ol>
		3. To enable the students to develop skills about accounting standards	
3.	Business Management	1. To provide basic knowledge & understanding about business management concept.	<ol> <li>After studying this subject student will able to understand the basic concepts regarding the business management</li> </ol>
		2. To provide an understanding about various functions of management.	<ol><li>Students will able to understand the functions of management and its applications.</li></ol>
4.	Elements of Company Law	1. To impart students with the knowledge of fundamentals of Company Law.	<ol> <li>Students will able to understand the basics of company law and its applications</li> </ol>
		2. To update the knowledge of provisions of the Companies Act of 2013.	<ol> <li>To understand the various amendments made in the company act 2013.</li> </ol>
		3. To apprise the students of new concepts involving in company law regime.	<ol> <li>After getting the knowledge students will able to work out as per company act 2013.</li> </ol>
		4 To acquaint the students with the duties and responsibilities of Key Managerial Personnel.	
	<b>a</b> 3	5. To impart students the provisions and procedures under company law.	
5.	Business Administration 1	1.To provide basic knowledge about various forms of business organizations	<ol> <li>After studying this students will got the knowledge about various business entities like sole traders, partnership, co-operative and company</li> </ol>
1	Jance & Compute	2.To acquaint the students about business environment and	2.Students will aware about the environmental effects of various factors on

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		its implications thereon.	the business.
		3. To aware them with the recent trends in business	
6.	Banking and Finance I (Indian	1.To create the awareness among the students of Indian banking system	1. After studying this students will got the knowledge about various Bank as well Indian Banking System
	Banking System)	2. To enables students to understand the reforms and other developments in the Indian Banking	2. After the study students will aware about the Indian Banking Development
		3. To provide students insight into the functions and role of Reserve Bank of India	<ol> <li>After the study students will aware about the Reserve Bank Of India and its Role and Functions.</li> </ol>

# Program offered: T.Y.B.Com

Sr. Program No.		Course Objectives	Program Specific Outcomes		
1.	Business Regulatory Framework	1. To acquaint students with the basic concepts, terms & provisions of Mercantile and Business laws	erms & understand the basic concepts of law in		
	3	2. To develop the awareness among the students regarding these laws affecting business, trade, and commerce.	<ol><li>After the study students will aware about the effects of this law on the business.</li></ol>		
2.	Advanced Accounting	1 · To impart the knowledge of various accounting concepts	<ol> <li>Students will able to understand the various accounting concepts</li> </ol>		
		2- To instill the knowledge about accounting procedures, methods and techniques.	<ol><li>Students will able to follow the computerized accounting practices</li></ol>		
		3. To acquaint them with practical approach to accounts writing by using software package.	<ol> <li>They will able to clear the accounting standard and its applications</li> </ol>		
3.	Auditing and Taxation	1. To acquaint themselves about the concept and principles of Auditing, Audit process, Assurance Standards, Tax Audit, and Audit of computerized Systems.	1.After studying the subject students will understand the application of auditing		
	Jasse & Compule	2. To get knowledge about	2. They will liable to make audit report		

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		preparation of Audit report.	
		3. To understand the basic concepts and to acquire knowledge about Computation of Income, Submission of Income Tax Return, Advance Tax, and Tax deducted at Source, Tax Collection Authorities under the Income Tax Act, 1961.	3. Students will able to fill up return of the individual assesse.
4.	Business Administration II	1. To acquaint the students with basic concepts & functions of HRD and nature of Marketing	1. Students will able to follow the various functions of HRD
		2. To understand the functions of a business enterprise,	2. Application of functions of Marketing
			<ol> <li>Applications of functions of Business Enterprises.</li> </ol>
Administration the basic concepts in finance		1. To acquaint the students with the basic concepts in finance and production functions of a business enterprise.	<ol> <li>Students will understand the basic function of finance and various function of production department</li> </ol>
6.	Banking and Finance II	1. To acquaint the students with Financial Markets and its various segments.	<ol> <li>Students will aware about the various segments of financial markets and its applications</li> </ol>
		2. To give the students and understanding of the operations and developments in financial markets in India.	<ol><li>Students will able to play actual role in the financial institutions in the Indian Economy</li></ol>
		3. To enable them to gain an insight into the functioning and role of financial institutions in	
7.	Banking and Finance III	1. To acquaint the students with Banking Law and Practice in relation to the Banking systemin India	<ol> <li>Students will understand the legal aspects of the banking transactions and its applications</li> </ol>
		2. To understand the legal aspects of Banking transactions and its implications as Banker and Customer.	<ol> <li>Students will aware about banking law and practice in India</li> </ol>
	ante & Compulas	3. To make the Students aware of the Banking Law and Practice in India	
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### Loknete Dr.Balasaheb Vikhe Patil (Padmabhushan Awardee) Pravara Rural Education Society's Arts, Commerce, Science and Computer Science College Ashwi Kd.

# Department of Chemistry

#### Program offered: B. Sc. Chemistry

# Program Objectives and Program Specific Outcomes

Program	Program objectives	Program specific Outcomes		
B Sc. Chemistry	<ol> <li>To inculcate scientific thinking, strength to work independently and draw rational conclusions.</li> </ol>	<ol> <li>Students get introduced with the basic principles of all branches of chemistry, knowledge of chemical principles and make them independent for the effective application of it.</li> <li>They are provided thorough knowledge of laboratory skills so that students can prepare for the experimental setup, actual working of equipments, obtain experimental data and interpretation of it. This then interpreted using theoretical principles.</li> </ol>		
	2. To create the awareness about environment among the students	Students are made aware of pollution problems waste water management, water treatment etc. They are also made aware importance of energy and water, food, fuels, general hygiene and cleanliness		
	3. To develop the Ethical values in students	students are made alerts regarding misuse of food adulteration, chemical technology, poisons, fungicides, pesticides and chemical and nuclear weapons		
	4. To Give experiential learning	Students understand the various processes of industries through various industrial visits. This activity develops the culture of professional work in students		



# Course Outcomes

ir.	Class	Course	Course Outcomes
	F.Y.B.Sc. Chemistry (Credit Pattern 2019)	CH-101 : Physical Chemistry	<ol> <li>Students are able to apply thermodynamic principles to physical and chemical process.</li> <li>Students performs the calculations of enthalpy, Bone energy, Bond dissociation energy, resonance energy, Variation of enthalpy with temperature –Kirchoff's equation, Third law of thermodynamic and its applications</li> <li>Student understands relation between Free energy and equilibrium and factors affecting on equilibrium constant.</li> <li>after studying the ionic equilibrium, students are able to understand the concept to ionization process occurred in acids bases and pH scale, Related concepts such as Common ion effect hydrolysis constant, ionic product, solubility product.</li> <li>Exergonic and endergonic reaction</li> </ol>
		CH- 102: Organic Chemistry	<ol> <li>The students understand the fundamentals, principles, and recent developments in the subject area.</li> <li>Students are motivated towards chemistry as the main subject.</li> <li>Students are familiarized with current and recent developments in Chemistry.</li> <li>Students get foundation for research and development in Chemistry.</li> </ol>
		CH- 103: Chemistry Practical Course I	<ol> <li>Students understand the importance of chemical safety and Lab safety while performing experiments in laboratory</li> <li>Students are able to Determination of thermochemical parameters and related concepts</li> <li>Students understand the concept and techniques of pH measurements</li> <li>Students are able to perform various experiments with proper skills</li> <li>Students understands the use chromatographic techniques for separation of constituents of mixtures</li> </ol>
		CH-201: Inorganic Chemistry	<ol> <li>Students understands various theories and principles applied to revel atomic structure, Origin of quantum mechanics and its need to understand structure of hydrogen atom, rules for filling electrons in various orbitals- Aufbau's principle, Pauli exclusion principle, Hund's rule of maximum multiplicity</li> <li>Students are able to write electronic configuration of atom and anomalous electronic configurations.</li> <li>Students are able to describe stability of half-filled and completely filled orbitals.</li> <li>Students can draw skeleton of long form of periodic table, they are able to explain Block, group, modern periodic law and periodicity, Born-Lande equation and Born-Haber cycle,</li> </ol>

		CH- 202:	<ul> <li>moment and percent ionic character, VB approach Hybridization with example of linear, trigonal, square plane tetrahedral, TBP, and octahedral.</li> <li>7. Discuss assumption and need of VSEPR theory.</li> <li>8. After studying analytical chemistry calculations, the perform the calculations of mole, molar concentrations and various units of concentrations which will be helpful for preparation of solution.</li> <li>9. They are able to relate between molecular formula and empirical formula, can perform stoichiometric calculation 10. They understand the concept of mole, millimole, molar concentration, molar equilibrium concentration and Percent Concentration.</li> <li>1. After completing the course Students learned the functional</li> </ul>
		Organic Chemistry	group approach for the various reactions (preparations & reactions) in context to their structure
	~	CH- 203: Chemistry Practical –II	<ol> <li>Students are able to perform the experiments in Inorganic Estimations using volumetric analysis.</li> <li>Synthesis of Inorganic compounds</li> <li>Analysis of commercial products</li> <li>Purification of organic compounds</li> <li>Preparations and mechanism of reactions involved</li> </ol>
2.	Chemistry Pl (2013 In	Paper - I: Physical & Inorganic Chemistry	<ul> <li>After completing the course Students are able to-</li> <li>1. understand behavior of gases, ideal gas as a model system and its extension to real gases.</li> <li>2. The existence of liquid state, comparison of its properties with other states is to be perceived.</li> <li>3. Student should be able to solve problems regarding van der Waal's and Critical constant and regarding P-V-T relations</li> <li>4. Theoretical basis of adsorption phenomena is integrated.</li> <li>5. strengthens Mathematical background required for derivations, depictions and problem solving.</li> <li>6. understand the atom being most important micro particle in construction of matter, the quantization of energy and duality of matter, Schrodinger equation is the basis of quantum chemistry</li> <li>6. Basic principle of overlapping of atomic orbital with specific shapes and sizes</li> <li>2. Fundamental concepts of theories of overlapping of atomic orbitals</li> <li>3. Concept of hybridization and differentiation with overlap</li> <li>4. Concept of different types valence shell electron pairs and their contribution in bonding</li> <li>5. Application of non-bonded lone pairs in shape of molecule</li> <li>6. Basic understanding of geometry and effect of lone pairs with</li> </ul>

Org	er - II: The fundamental concepts which govern the structure, bonding, properties and reactivities of organic molecules such as covalent character,
1715.14	<ul> <li>hybridization, bond</li> <li>angles, bond energies, bond polarities and shapes of molecules.</li> <li>2. Drawing of organic molecules and arrow pushing concept.</li> <li>3. Acid-base theories, pKa / pKb values for common organic acids and bases and factors</li> </ul>
	affecting strength of acids and bases. 4. Structural effects and their applications in determining strength of acids and bases.
	The common and IUPAC names of alkanes, alkenes, alkynes and homocyclic,
	<ul> <li>polycyclic aromatic hydrocarbons.</li> <li>2. Methods of preparation and chemical reactions of alkanes, alkenes, alkynes and</li> </ul>
	homocyclic, polycyclic aromatic hydrocarbons. 3. Application of Huckel's rule to different organic compounds to
	find out aromatic /non aromatic characters.
	Skeleton of long form of periodic table 2. Quantum numbers
	<ol> <li>Shells, sub-shells, types of orbital and their shapes</li> <li>Afbau, Paulin's exclusion principle and Hunds rule</li> </ol>
	<ol> <li>Block, group, periodic law and periodicity</li> <li>Name, symbol, electronic configuration, trends and properties</li> </ol>
	<ol> <li>Crown ether and cryptans</li> <li>Separation of s-block elements with crown ethers</li> </ol>
	<ol> <li>Compounds of s-block elements: oxides, hydroxides, peroxides and</li> </ol>
	superoxides 10. Application of s-block elements: Industrial, biological and agricultural field
	Structure, nomenclature, preparation and reactions of organic compounds.
	<ol> <li>The characteristic reactions of each functional group which can be used to identify</li> </ol>
	and distinguish that compound from other compounds. 3. Predict the conversion of one functional group into other
	functional group involving one or more number of steps.
	<ol> <li>Conversion of the given compound into other compound containing more or less</li> </ol>
	number of carbon atoms. 5. Prediction of possible products when reactants are given. In case there are more than
	one possible products, identify the major and minor products. 6. Suggest the possible reagents to bring about the given
	conversion Concept of isomerism, types of isomers and representation of
	<ul> <li>organic molecules.</li> <li>2. Conformational isomerism in alkanes with energy profile diagram.</li> <li>3. Concept of geometrical isomerism with E/Z nomenclature.</li> </ul>
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			<ul> <li>4. Understanding of optical activity, isomer number, tetrahedral carbon atom, concept of chirality, enantiomerism, R/S nomenclature for single chiral centre.</li> <li>To write electronic configuration of any element.</li> <li>ii) To give reasons for anomolous behavior of first element of IIIA to VII A groups with other elements in the same group.</li> <li>iii) To know the exact position p-block elements in the long form of the periodic table.</li> <li>iv) To know the allotropes of carbon.</li> <li>v) Basic compounds of boron, aluminum, silicon</li> <li>vi) Concept of oxyanions, different than mineral acids, oxyacids of phosphorous &amp; sulphur vii) Overlpping of atomic orbitals of halogens, interhalogen compounds</li> </ul>
		Paper - III Practical Course	The practical course is in relevance to the theory courses to improve the understanding of the concepts.
3	S.Y.B.Sc. Chemistry (semester-I 2013 Pattern)	CH 211- Physical & Analytical Chemistry	<ol> <li>Students got Idea about of kinetics, rate laws, order of reaction, pseudo molecular reaction, Factors which affects on rate, photochemistry, Thermal and photochemical reactions, laws of photochemistry, Students get knowledge of quantum yield, students can got idea about photochemical reactions, quenching and chemiluminence, distribution of solute, Distribution law, Application of Solvent extraction, Students got idea of Analytical Chemistry,</li> <li>Applications of Chemical analysis, Sampling, Students gain analysis techniques, Instrumental methods of analysis, Error,</li> <li>Students can estimate errors, Students can find accuracy and precision, Significant figures, Mean and standard deviations, Principles of qualitative analysis, Students can got idea about common ion effect, Group reagent and precipitating agents, Students can separate for basic radicals, students can get acidic radicals,elements like C, H, (O), N, S &amp; P, Students know Liebig's method, Kjeldahl's method, Carius tube method,</li> </ol>
		CH 212- Organic & Inorganic Chemistry	<ol> <li>The students get good knowledge of different aspects of stereochemistry such as of configurational and conformational isomerism. R/S configuration, Bayer's strain theory, structure of boat and chair configuration of cyclohexane, stability of axial and equatorial conformation of monosubstituted cyclohexanes, etc.</li> <li>They also study organic reaction mechanism in which they gets knowledge of types of reagents, types of organic reactions and some important named reactions and their mechanisms. The students also study principles and process of metallurgy, ore and minerals, different process involved in metallurgy, Theories of corrosion and passivity, etc.</li> </ol>

Sen	nester II	CH 221- Physical & Analytical Chemistry	<ol> <li>Students can got idea of Free energy, Free energy change, physical transition, Free energy change for ideal gases, Gibb's Helmholtz equations, van't Hoff reaction isotherm, Chemical and physical equilibrium, Clausius –Clapeyron equation,</li> <li>Students can solve numicals, Student got knowledge about Ideal and non ideal solutions, Interpretation of vapor pressure– composition and temperature composition diagram,</li> <li>Azeotropes, Partially immiscible liquids, They can solve numericals, Studentd got idea about equivalent weight, molecular weight, normality, molality, primary and secondary standards,</li> <li>concentrations of the solution, Preparation of standard solution, Students can solve numerical, Types instrumental and non instrumental analysis, Role of indicators, mixed and universal indicators, curves for acid base titration,</li> <li>Principle of complexometric precipitation and redox titrations, iodometry and iodimetry, Standardization of sodium thiosulphate and EDTA, reactions between CuSO4 and Iodine, Choice of suitable indicator, Estimation copper from CuSO4 and available chlorine in bleaching powder, Preparation of standard silver nitrate solution, Mohr's and Fajan's method, students can determine the amount of halides.</li> </ol>
		CH 222- Organic & Inorganic Chemistry	students can determine the amount of halides.         1 The student gets knowledge of reagents in organic synthesis, oxidation & reduction reagents.         2. They also learn chemistry of heterocyclic compounds, Huckel rule, synthetic route for their preparation, reactions of heterocyclic compounds.         The students also get knowledge of different biomolecules such carbohydrates, proteins, amino acids, their properties and applications.         The students also learn in detail different important topics from inorganic chemistry such as chemistry of d-block elements, Organometallic Chemistry, Acids, Bases and Solvents, Chemical Toxicology.
0	. Y. B.Sc. Chemistry (Annual Pattern)	CH- 223 Practical	<ol> <li>Students get practical knowledge and skill of different experiments such as organic &amp; inorganic qualitative analysis, organic preparations and TLC technique.</li> <li>They also gets skill of physical chemistry experiments such as critical solution temperature of phenol water system, study heat of neutralization, to determine the rate constant of acid &amp; base catalyzed ester hydrolysis, study solubility of benzoic acid, etc.</li> <li>Students are also trained for analytical chemistry experiments such as amount of Na2CO3 in washing soda, strength of H2O2, aspirin in APC tablet, Aluminium in Alum, Copper in Brass &amp; iodimetric methods.</li> </ol>
	F. Y. B.Sc. Chemistry Semester	CH-331 Physical Chemistry	<ol> <li>Students are introduced basic concept of physical chemistry</li> <li>They also learn methods to determine order of reaction</li> <li>Arrhenius equation, and graphical evaluation of energy of</li> <li>activation. 3. Students learn principle and applications of</li> </ol>

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	rotational, vibrational, raman and electronic spectroscopy. Students will get familiar with phase rule, phase diagram of one and two component systems. 4. Students are able to understand the concept of electrolytic conductance and the various terms like Ohm's law and electrical units such as coulomb, Ampere, Ohm and Volt. 5. students are able to solve the numerical problems
CH-332 Inorganic Chemistry	<ol> <li>Students are made aware of the principles of various theories of bonding like Sidgwick model, 1. Werner's theory VBT,CFT, MOT. They are also made aware of the principles of isomerism, nomenclature and structures of inorganic complexes.</li> </ol>
CH 333 Organic chemistry	1.It is the basic course in organic chemistry. Students are introduced with concepts like acidity, basicity of organic molecules, electrophile, nucleophile and good and bad leaving groups. Students are introduced with stereochemistry of disubstituted cyclohexane. 2. Students are able to understand mechanism of organic reaction. Arrow drawing concept which is important part of reaction mechanism is explained thoroughly in this course. 3. Students are able to identify different types of organic reactions and also they can understand reactivity profile of organic molecules.
CH 334 Analytical Chemistry	<ol> <li>Students are made aware of quantitative chemical analysis using the techniques like gravimetry, polarography,</li> <li>AAS, FES and spectrophotometry at the levels of macro, micro and trace analysis of metals and non-metals from industrial and natural samples.</li> </ol>
CH-335 Industrial Chemistry	<ol> <li>This course enables the students to learn use of agrochemicals like pesticide, insecticides, fungicides, fertilizers and their environmental impact.</li> <li>Study of food industry makes them aware of food adulteration, storage and processing of food. This course also provides opportunity to study agrochemicals, food chemicals on industrial scale. Students also learn manufacturing of basic chemicals such as Ammonia, Sulphuric acid and Nitric acid.</li> <li>Syllabus further comprises study of petrochemicals and eco- friendly fuels, where in students study processing of petrochemical fuels, properties of fuels and applications of fuels,non conventional energy.</li> <li>Syllabus also includes study of cement and glass industry. Properties, manufacture and applications of different types of cement and glass.</li> </ol>



		Environment al and Green Chemistry	After studying the course, students are able to know- 1 the Importance and conservation of environment 2. Segments of atmosphere, Hazards of flue gases, Ozone depletion, Ecological changes due to hazardous gases, Understand the social issues 3. Water resources, Quality of potable water, WHO limits for toxic materials in water stream, Quality measures 4. Need of green chemistry technology, Principles of green chemistry, Advantages of green chemistry, Simple examples to clarify the principles, Catalytic routes for sustainable developments.
Cher Sem	B.Sc. nistry tester V	CH-341 Physical Chemistry	1. The course aims to give fundamental understanding and applications of electrochemical Cells, Nuclear Chemistry, Crystal structure and Quantum Chemistry. Students get to know thermodynamics and EMF, Chemical cell with and without transfer, application of EMF measurement such as pH determination, determination of solubility and solubility product. Basic elements of quantum chemistry are also introduced.
		CH- 342 Inorganic Chemistry	<ol> <li>Students are made aware of chemistry of f block elements principles and applications of catalysis, organomettalic chemistry and the principles and the applications of metals, semiconductors and superconductors.</li> </ol>
		CH -343 Organic chemistry	<ol> <li>Students are introduced with carbanions and their reactions. Retrosynthetic analysis concepts are explained to students.</li> <li>Rearrangement reactions are introduced with mechanistic approach. Spectroscopic techniques like PMR, U.V. and I.R. are introduced. Students learned to differentiate organic compounds with the help of these spectroscopic techniques.</li> </ol>
		CH 344 Analytical Chemistry	1. The students are trained in the technique of separation, identification of purification using chromatographic techniques like TLC,GC,HPLC, electrophoresis etc . 2. This knowledge enables them to be good analytical of Quality control chemist in various fields.
		CH-345 Industrial Chemistry	1. Students are expected to learn properties, ways to manufacture or process and application of different types of polymer, paints, pigments, dyes, soaps, detergents and cosmetics. 2. Students also learn theoretical aspects of manufacturing of sugar and fermentation industry. Syllabus further includes study of Pharmaceutical industry where students are introduced to general aspects of drug action, manufacturing of some drugs and its usage and lastly there is topic which discusses problems caused by industry such as pollution and generation of waste and what are the ways which can prevent or minimize it.

	CH-346 D Environment al and Green Chemistry	After studying the course, students are able to know- 1. Methods of water purification, Waste water treatment process, Waste water treatment plants 2. Types of soil, Components of soil, Types of solid waste and their disposal 3. Techniques used to monitor hazardous materials present in environment 4. Green house gases and their effects, Global warming, Climate change 5. meaning of green solvent, Resources of of green solvents like alcohol and water, Importance of water as a green solvent 6. Natural resources of energy, Conventional and nonconventional energy resources, Conservation of energy, Utilization of solar and wind energies.
T. Y. B.Sc. Practical Chemistry (Annual)	CH- 347 Physical Chemistry Practical	<ol> <li>Students are trained in the techniques such as pH metry, Conductometry, Potentiometry, Colorimetry, Spectrophotometry, Refractometry and G. M. Counter.</li> <li>They learn to use these techniques in order to understand various chemical reactions.</li> </ol>
	CH- 348 Inorganic Chemistry Practical	1. Students are trained in the IQA of different mixtures of inorganic compounds, and the separation of the metal ions using chromatographic techniques and inorganic quantitative analysis using the techniques of gravimetry, volumetry, colorimetry
	CH-349 Organic Chemistry Practical	<ol> <li>Chemistry is an experimental subject; practical course is proposed to achieve the basic skills required for understanding the reactivity of organic molecules and validating the basic principles.</li> <li>It helps in development of practical skills of the students &amp; understanding the importance of chemical safety and also explains the factors affecting reaction outcomes and yields.</li> </ol>

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Department of Chemistry ACS & Comp Sci. College: Antivi Kd.

#### Loknete Dr. Balasaheb VikhePatil (Padmabhushan Awardee) Pravara Rural Education Society's Arts, Commerce, Science and Computer Science College Ashwi Kd.

#### Department of Botany

### **Course Outcomes and Program Specific Outcomes**

Sr. No.	Programme	Course Outcome	Programme Specific Outcome	
1	BSc Botany	1.Critical Thinking: The curriculum is designed made for the betterment of the students, enhance their ability and thinking power.	<ol> <li>To provide thorough knowledge about various plant groups from primitive to highly evolved.</li> </ol>	
		<ol> <li>Effective Communication: the complete medium of program is in English so as to make students communicate in the same.</li> </ol>	<ol> <li>To make the students aware of applications of different plants in various industries.</li> </ol>	
		3.Social Interaction: Due to frequent field visits in the interior parts students interact with the rural, tribal peoples will increase.	<ul> <li>various industries.</li> <li>1. To focus the potential of the subject to become an entrepreneur. To equip the students with skills related to laboratory as well as field based studies</li> <li>2. To make the students aware about conservation and sustainable use of plants</li> <li>3. To create foundation for further studies in Botany</li> <li>4. To address the socio-economical challenges related to plant sciences</li> <li>1. To facilitate students for taking up and shaping a successful career in Botany</li> </ul>	
		4.Effective Citizenship:		
		Being the botanist students have to communicate with number of people, so that it makes then more familiar as well as interactive		
		5.Ethics: The sense of Protecting plants is cultivated among the students.		
		6.Environment and Sustainability: Conservation practices are taught for sustainable development		
		7.Self-directed and Life-long Learning: Each and every aspect of the module teaches lifelong learning		

### Program offered: F.Y.B.Sc

Sr. No.	Class	Course	Course Outcome		
1.	F.Y.B.Sc	Botany- I: BO- 111- Plant diversity, Plant Morphology and Anatomy (2013 Pattern)	<ol> <li>To provide thorough knowledge about various primitive to highly evolved plant groups.</li> </ol>		
2	F.Y.B.Sc	Botany-II: BO- 112-Industrial Botany (2013 Pattern)	<ol> <li>To make the students aware of applications of different plants in various industries.</li> <li>To highlight the potential of these studies to become an entrepreneur.</li> </ol>		
3	F.Y.B.Sc	Practical Course- III: BO- 113- Practical (2013 Pattern)	<ol> <li>To get acquainted with the subject in live form and visits to industries. To make the students aware about conservation and sustainable use of plants.</li> </ol>		
4	F.Y.B.Sc	Botany -I: BO- 111 and 121- Plant life & Utilization I & II (2019 Pattern)	<ol> <li>Recognize the major groups of non-vascular plants</li> <li>Understand the diversity among the non-vascular plants</li> <li>At ease with the general features, classification, and life cycle patterns in non-vascular plants</li> <li>Distinguish the major groups of vascular plants</li> <li>Understand the diversity among the vascular plants</li> <li>Understand the diversity among the vascular plants</li> <li>At ease with the general features, classification, and life cycle patterns in vascular plants</li> <li>Know the economic and ecological importance of vascular plants</li> </ol>		
5	F.Y.B.Sc	Botany II: BO- 112 and 122- Plant morphology & Anatomy and Principle Plant Science (2019 Pattern)	<ol> <li>Understand plant morphology</li> <li>Understand basics of floral morphology</li> <li>Understand how plant morphology relates to plant reproduction</li> <li>Understand significance of morphological modifications of plant parts</li> <li>Identify various plant tissues and tissue systems</li> <li>Understand the relation between form, structure and function of plant organs</li> <li>Differentiate between stem and root on the basis of internal organization</li> </ol>		
6	F.Y.B.Sc	Practical Course- III: BO- 113 and 123- Practical (2019 Pattern)	<ol> <li>Distinguish between different plant groups</li> <li>Make a thorough background for a course on Plant Systematics</li> </ol>		

Sr. No.	Class	Course	Course Outcome
1	S.Y.B.Sc	Course-I BO- 211 &221- Taxonomy of Angiosperms and Plant community & Plant Anatomy and Embryology	<ol> <li>To provide thorough knowledge about various highly evolved plant groups and their community structure</li> <li>Internal structure will be observed for further studies as well as to study the developmental pattern of plan</li> </ol>
2	S.Y.B.Sc	Course-II BO-212 & 222 : Plant Physiology & Plant Biotechnology	<ol> <li>To study the different metabolic process for synthesis of food material.</li> <li>To study the techniques of multiplication and Nano techniques</li> </ol>
3	S.Y.B.Sc	Practical Course- Bo- 223- Practical	<ol> <li>To equipped the students with skills related to laboratory as well as field based studies.</li> </ol>

### Program offered: S.Y.B.Sc

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#### Department of Zoology

#### Course Outcomes and Program Specific Outcomes

Sr. No.	Programme	Course Outcome	Programme Specific Outcome
1	B.Sc. Zoology	<ol> <li>To learn the diagnostic characters of different phyla through brief studies of examples.</li> <li>To help students build-up a progressive and successful career in Zoology</li> <li>To create basic knowledge about cell and its organelles</li> <li>The student will be able to understand classify and identify the diversity of animals.</li> <li>The working in nature to save environment will help development of leadership skills to promote betterment of environment</li> <li>Describe importance biology and management of bees. Silkworm. Fisher</li> <li>Getting an overview of typical examples in each phyla</li> <li>Apply knowledge on bee biology and management to the development of the bee and Sericulture industry in tropical environment.</li> </ol>	<ol> <li>After completion of program, students will be able to have in- depth knowledge of basic concepts in Zoology.</li> <li>Students develop aptitude of doing research through undertaking small projects.</li> <li>Student will have set his foundation to pursue higher education in Zoology.</li> <li>After completing the program student will have developed interdisciplinary approach and can pursue higher studies in subjects other than Zoology</li> </ol>



### Program offered: F.Y.B.Sc

Sr. No.	Class	Course	Course Outcome
	F.Y.B.Sc	Zoology-1: ZY- 101- Animal Systematics and Diversity I & II (2013 Pattern)	<ol> <li>To learn the basics of systematic and understand the hierarchy of different categories.</li> <li>To learn the diagnostic characters of different phyla through brief studies of examples.</li> <li>To obtain an overview of economically important invertebrate fauna.</li> <li>Impart to the student a concrete idea of the evolution, hierarchy and classification of invertebrate phyla</li> <li>Understanding the basics of systematic by learning the diagnostic and general characters of various groups</li> <li>Getting an overview of typical examples in each phylum</li> <li>To study the economic importance of invertebrates.</li> </ol>
2	F.Y.B.Sc	Zoology -II: ZY- 102- Cell Biology and Genetics (2013 Pattern)	<ol> <li>To create basic knowledge about cell and its organelles.</li> <li>To know the basic knowledge regarding genetic disorders, diseases and prevention from them.</li> </ol>
3	F.Y.B.Sc	Practical Course- III: ZY- 103- Practical (2013 Pattern)	<ol> <li>Student will be able to identify and classify the given animal.</li> <li>Explain the process of growth and development in individuals and population.</li> </ol>
4	F.Y.B.Sc	Zoology-I: ZO- 111and 121- Animal Diversity 1 & II (2019 Pattern)	<ol> <li>The student will be able to understand classify and identify the diversity of animals.</li> <li>The student understands the importance of classification of animals and classifies them effectively using the six levels of classification.</li> <li>The student knows his role in nature as a protector, preserver and promoter of life which he has achieved by learning, observing and understanding life.</li> </ol>
5	F.Y.B.Sc	Zoology -II: ZO- 112 and 122- Animal Ecology and Cell Biology (2019 Pattern)	<ol> <li>The learners will be able to Identify and critically evaluate their own beliefs, values and actions in relation to professional and societal standards of ethics and its impact on ecosystem and biosphere due to the dynamics in population.</li> <li>To understand anticipate, analyse and evaluate natural resource issues and act on a lifestyle that conserves nature.</li> <li>The Learner understands and appreciates the diversity of ecosystems and applies beyond the syllabi to understand the local lifestyle and problems of the community.</li> <li>The learner will be able to link the intricacies of food chains, food webs and link it with human life for its</li> </ol>

			<ul> <li>betterment and for non-exploitation of the biotic and abiotic components.</li> <li>5. The working in nature to save environment will help development of leadership skills to promote betterment of environment</li> <li>6. The learner will understand the importance of cell as a structural and functional unit of life.</li> <li>7. The learner understands and compares between the prokaryotic and eukaryotic system and extrapolates the life to the aspect of development.</li> <li>8. The dynamism of bio membranes indicates the dynamism of life. Its working mechanism and precision are responsible for our performance in life.</li> </ul>
6	F.Y.B.Sc	Practical Course- III: ZO- 113 and 123- Practical (2019 Pattern)	<ol> <li>To understand the Animal diversity around us.</li> <li>To understand the underlying principles of classification of Animals.</li> <li>To understand the terminology needed in classification.</li> <li>To understand the differences and similarities in the various aspects of classification.</li> <li>To classify invertebrates and to be able to understand the possible group of the invertebrate observed in nature to understand our role as a caretaker and promoter of life.</li> <li>The cellular mechanisms and its functioning depend on endo- membranes and structures. They are best studied with microscopy.</li> </ol>
7	F.Y.B.Sc	Certificate Course Sericulture	<ol> <li>We get to learn about the various skills that are necessary for self employment in the mulberry and seed production.</li> <li>Course gives us employment and job opportunities in the public, private and government sector.</li> <li>Knowledge about the cultivation of mulberry, maintenance of the farm, seed technology, silkworm rearing and silk reeling.</li> </ol>

#### Program offered: S.Y.B.Sc

Sr. No.	Class	Course	Course Outcome
1	S.Y.B.Sc	Course-I ZY- 221- Animal Syatematics and Diversity-III and IV	<ol> <li>Compare and contrast asymmetry, radial symmetry and bilateral symmetry.</li> <li>Student will be able to differentiate between chordate and non chordate.</li> <li>Understanding the basics of systematic by learning the diagnostic and general characters of various groups</li> <li>Getting an overview of typical examples in each phyla</li> </ol>
2	S.Y.B.Sc	Course-II ZY- 222- Applied zoology- I and II	<ol> <li>Describe importance biology and management of bees. Silkworm. Fisher</li> <li>Apply knowledge on bee biology and management to the development of the bee and Sericulture industry in tropical environment.</li> </ol>

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			<ul> <li>betterment and for non-exploitation of the biotic and abiotic components.</li> <li>5. The working in nature to save environment will help development of leadership skills to promote betterment of environment</li> <li>6. The learner will understand the importance of cell as a structural and functional unit of life.</li> <li>7. The learner understands and compares between the prokaryotic and eukaryotic system and extrapolates the life to the aspect of development.</li> <li>8. The dynamism of bio membranes indicates the dynamism of life. Its working mechanism and precision are responsible for our performance in life.</li> </ul>
6	F.Y.B.Sc	Practical Course- III: ZO- 113 and 123- Practical (2019 Pattern)	<ol> <li>To understand the Animal diversity around us.</li> <li>To understand the underlying principles of classification of Animals.</li> <li>To understand the terminology needed in classification.</li> <li>To understand the differences and similarities in the various aspects of classification.</li> <li>To classify invertebrates and to be able to understand the possible group of the invertebrate observed in nature to understand our role as a caretaker and promoter of life.</li> <li>The cellular mechanisms and its functioning depend on endo- membranes and structures. They are best studied with microscopy.</li> </ol>
7	F.Y.B.Sc	Certificate Course Sericulture	<ol> <li>We get to learn about the various skills that are necessary for self employment in the mulberry and seed production.</li> <li>Course gives us employment and job opportunities in the public, private and government sector.</li> <li>Knowledge about the cultivation of mulberry, maintenance of the farm, seed technology, silkworm rearing and silk reeling.</li> </ol>

# Program offered: S.Y.B.Sc

Sr. No.	Class	Course	Course Outcome
1	S.Y.B.Sc	Course-I ZY- 221- Animal Syatematics and Diversity-III and IV	<ol> <li>Compare and contrast asymmetry, radial symmetry and bilateral symmetry.</li> <li>Student will be able to differentiate between chordate and non chordate.</li> <li>Understanding the basics of systematic by learning the diagnostic and general characters of various groups</li> <li>Getting an overview of typical examples in each phyla</li> </ol>
2	S.Y.B.Sc	Course-II ZY- 222- Applied zoology- I and II	<ol> <li>Describe importance biology and management of bees Silkworm. Fisher</li> <li>Apply knowledge on bee biology and management to the development of the bee and Sericulture industry in tropical environment.</li> </ol>

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3	S.Y.B.Sc	Practical Course-ZY- 223- Practical	2.	Student will be able to identify and classify the given animal. Explain the process of growth and development in individuals and population. Apply knowledge on bee biology and management to
				the development of the bee and Sericulture industry in tropical environment.

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# DEPARTMENT OF PHYSICS

# Course Outcomes F. Y. B. Sc

Year	Course Name	Course Outcomes
		2019-20 CBCS Pattern
FYBSc Physics	PHY-111 Mechanics &	Understands about Work, Energy, forces, velocity, acceleration which help student in their day to day life.
2019-20	properties of matter	Allow students to get the information about the rotating bodies.
CBCS Pattern	matter	Get the knowledge about Surface tension, Viscosity and application of elasticity and surface tension in day to day life.
SEM-I	PHY-112 Physics Principles	Understand the general structure of atom, spectrum of hydrogen atom
	and Application	Understand the atomic excitation and LASER principles.
		Understand the bonding mechanism and its different types.
		Demonstrate an understanding of electromagnetic waves and its spectrum.
		Understand the types and sources of electromagnetic waves and applications.
		Demonstrate quantitative problem solving skills in all the topics covered.
	PHY-113 Physics Laboratory-IA	Understand the mechanics and properties of matter and physics principles experimentally
		Acquire the complementary skills of collaborative learning and teamwork in laboratory settings.
FYBSe	PHY-121	Study the Laws of Thermodynamics
Physics	Heat and	Understand the different types of thermometry
2019-20	Thermodynamics	Understand mechanism of Refrigeration
CBCS Pattern	PHY-122 Electricity and Magnetism	Understand the concept of the electric force, electric field and electric potential for stationary charges.
SEM-II		Students able to calculate electrostatic field and potential of charge distributions using Coulomb's law and Gauss's law.
		Understand the dielectric phenomenon and effect of electric field on

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		Understand the magnetic field for steady currents using Biot-Savart and Ampere's Circuital laws.
		Understand the magnetic materials and its properties.
		Introduce the quantitative problem solving skills in all the topics covered.
	PHY-123 Physics Laboratory-IB	Understand the heat and thermodynamics and electricity and magnetism experimentally
		Students acquire the complementary skills of collaborative learning and teamwork in laboratory settings.
		2013-14 Pattern
	Paper-I SEM-I Mechanics	Understand the Newton's laws and applying them in calculations of the motion of simple systems
	Paper-I SEM-II Heat and	Students can able to use the free body diagrams to analyze the forces on the object.
		Understand the concepts of energy, work, power, the concepts of conservation of energy and be able to perform calculations using them.
		Understand the concepts of elasticity and be able to perform calculations using them.
		Understand the concepts of surface tension and viscosity and be able to perform calculations using them.
		Students can use of Bernoulli's theorem in real life problems.
FYBSc Physics		Understand the quantitative problem solving skills in all the topics covered.
2013-14 Pattern		Provide the knowledge of the properties of and relationships betwee the thermodynamic properties of a pure substance.
	Thermodynamics	Understand the ideal gas equation and its limitations.
		Understand the real gas equation.
		Students can be able to apply the laws of thermodynamics to formulate the relations necessary to analyze a thermodynamic process.
		Students can be able to analyze the heat engines and calculate thermal efficiency.
		Students can be able to analyze the refrigerators, heat pumps and calculate coefficient of performance.
		Understand property 'entropy' and derive some thermo dynamical relations using entropy concept.
		Understand the types of thermometers and their usage.

Paper-II SEM-I Physics Principles and Applications	Develop understanding of electromagnetic waves and its spectrum.	
	Understand the types and sources of electromagnetic waves and applications.	
	Understand the general structure of atom, spectrum of hydrogen atom.	
	Understand the atomic excitation and LASER principles.	
	Understand the bonding mechanism in molecules and rotational and vibrational energy levels of diatomic molecules.	
	Student's acquire quantitative problem solving skills in all the topics covered.	
Paper-II SEM-II Electromagnetics	Students can demonstrate an understanding of the electric force, field and potential, and related concepts, for stationary charges.	
	Can be able to calculate electrostatic field and potential of simple charge distributions using Coulomb's law and Gauss's law.	
	Students can demonstrate an understanding of the dielectric and effect on dielectric due to electric field.	
	Students can demonstrate an understanding of the magnetic field for steady currents using Biot-Savart and Ampere's laws.	
	Students can demonstrate an understanding of magnetization of materials.	
	Student's acquire quantitative problem solving skills in all the topics covered.	
Paper-III	Student's acquire technical and manipulative skills in using laboratory equipment, tools, and materials.	
Practical	Students can be able to demonstrate an ability to collect data through observation and/or experimentation and interpreting data.	
	Students can be able to understand laboratory procedures including safety, and scientific methods.	
	Students can demonstrate a deeper understanding of abstract concept and theories gained by experiencing and visualizing them as authentic phenomena.	
	Students can acquire the complementary skills of collaborative learning and teamwork in laboratory settings.	



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3	S.Y.B.A History Pattern -2013	History Gen History of Modern- India (1857-1950)	<ol> <li>The Course is designs to help the student to know History of freedom movement of India aims, objectives problems and progress of Independent India.</li> <li>It aims at enabling the student to understand the processes of rise of modern India.</li> <li>The Course attempts to acquaint student with fundamental aspects of Modern Indian History.</li> <li>To explain the basic concepts. concerns frame work of Indian History.</li> </ol>	<ol> <li>"History of Modern India" topic as a part of History is a very important section as far as the Syllabus of any competitive examination is possible, especially Civil Services exams.</li> <li>Students understand of the stages of development in Modern India, why certain events happened and analysis of the consequences of such developments that paves an impact on our society, economy and our political system.</li> <li>Modern Indian history Importance For competitive examination.</li> </ol>
4	T.Y.B. A. History Pattern -2013	History Gen History of World 20th Century. (1914 - 1992)	1. To help the student to know Modern World.2. To acquaint the student with the Socio-economic &Political developments in other countries and understand the contemporary world in the light of its background History. 3 To orient the students with political history of Modern World. 4 To acquaint students about the main developments in the Contemporary World. 5. Impact knowledge about world concepts.6. To enable students to understand the economic transition in World during the 20th Century.7. Become aware of the principles, forces, processes and problems of the recent times.8. To acquaint the students with growth of various political movements that shaped the modern world.9. To highlight the rise and growth of nationalism as a movement in different parts of the world.	<ol> <li>Students got knowledge of concept in world history.</li> <li>Students got a global event knowledge it is use for increased intellectual level.</li> <li>World trend of thinking, Marxist, Communalism, Dictatorship, Empearalism, Nazizum, fascism, Terrorism, Feminism, Globalization, etc introduced to Students.</li> </ol>

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