

कला, वाणिज्य, विज्ञान व संगणकशास्त्र महाविद्यालय, आश्वी खु

मराठी विभाग

Course Outcomes and Program Outcomes

Programs offered:

B.A. Marathi

Sr. No.	Programme	Programme Specific Outcome
१	B.A. Marathi	१. विद्यार्थ्यांची सर्जनशक्ती विकसित करणे. २. विद्यार्थ्यांमध्ये मराठी भाषेचा प्रचार व प्रसार करणे. ३. विद्यार्थ्यांना भाषेचे महत्त्व पटवून देणे. ४. सोशल मीडिया मध्ये रोजगाराच्या संधी व मराठी भाषा याविषयी जागृती करणे. ५. विविध साहित्य प्रकारांचा सखोल अभ्यास करणे.

Courses offered: Marathi

Sr.No	Class	Course	Course Outcomes
१	F.Y.B.A.	सामान्य मराठी G 1 (२०१९ CBCS)	१. कथा या साहित्य प्रकारची ओळख करून देणे. २. विविध साहित्य प्रवाहमधील कथा या साहित्यप्रकारातील निवडक कथांचे अध्यायन करणे. ३. भाषिक कौशल्यविकास करणे. ४. एकांकिका या साहित्य प्रकारची ओळख करून देणे. ५. मराठी साहित्यातील निवडक एकांकिकांचे अध्ययन करणे.
२	F.Y.B.Com	भाषा साहित्य आणि कौशल्यविकास सामान्य मराठी (२०१९ CBCS)	१. विविध क्षेत्रातील भाषा व्यवहाराचे स्वरूप समजावून देणे. २. विविध क्षेत्रीय मराठी भाषेच्या वापराची कौशल्य विकसित करणे. ३. मराठीच्या प्रत्यक्ष वापराचा अभ्यास करणे. ४. विविध क्षेत्रातील कर्तृत्ववान व्यक्तीच्या कार्याची व विचारांची ओळख करून देणे. ५. विद्यार्थ्यांमध्ये नैतिक, व्यवसायिक व वैचारिक मुल्यांची जोपासना करणे. ६. व्यक्तिमत्त्व विकासात भाषेचे महत्त्व स्पष्ट करणे. ७. साहित्याची आवड निर्माण करणे. ८. प्रशासकीय व्यावहारात मराठी भाषेचा वापर कसा करावा याची माहिती करून घेणे.
४	S.Y.B.A.	सामान्य मराठी - G-2 (२०१९ CBCS)	१. शुद्धलेखनाची ओळख करून घेणे. २. पारिभाषिक संज्ञा समजावून घेणे. ३. चरित्र व आत्मचरित्र यांचा परिचय करून घेणे. ४. चरित्राचे आकलन व आस्वाद घेण्याची क्षमता विकसित करणे. ५. चरित्रातून प्रेरणा घेणे .
५	S.Y.B.A.	मराठी साहित्यातील विविध साहित्यप्रकार Sp-1 (२०१९ CBCS)	१. मराठी साहित्यातील तात्विक घटकांचे ज्ञान करून घेणे. २. साहित्याचे आकलन, आस्वाद व मूल्यमापन करण्याची दृष्टी विकसित करणे. ३. विविध भाषिक कौशल्य विकसित करणे ४. साहित्याचा सखोल अभ्यास करण्याची दृष्टी विकसित करणे. ५. कादंबरी व नाटक या साहित्य प्रकारांची माहिती करून घेणे .
६	S.Y.B.A.	आर्वाचीन मराठी साहित्याचा अभ्यास - १८१८ते१९६० SP-2 (२०१९ CBCS)	१. मराठी साहित्याच्या ऐतिहासिक परंपरेचे ज्ञान करून देणे . २. कालखंडाचा विशेष अभ्यास करणे. ३. कालखंडातील साहित्याचा सखोल आढावा घेणे. ४. साहित्यामागील प्रेरणा लक्षात घेणे.
७	S.Y.B.A.	प्रकाशन व्यवहार आणि संपादन/उपयोजित लेखन कौशल्य SEC (२०१९ CBCS)	१. प्रकाशनव्यवहार आणि संपादन यासाठी आवश्यक कौशल्ये आणि प्रशिक्षण घेणे. २. प्रकाशन संस्था, जाहिरात संस्था, छापखाने, वृत्तपत्र कार्यालये, वितरण संस्था, ग्रंथ विक्री दुकाने, FLEX निर्मिती केंद्र, वार्ताहर यांना भेट देऊन प्रशिक्षण घेणे. ३. जाहिरात, मुलाखतलेखन आणि संपादन यासाठी आवश्यक कौशल्य व प्रशिक्षण मिळविणे. ४. जाहिरात, मुलाखत लेखन आणि संपादन यासाठी प्रात्यक्षिकासह उपयोजनाची

			कौशल्य मिळविणे.
८	S.Y.B.Sc.	व्यावहारिक व उपयोजित मराठी (२०१९ CBCS)	१. मराठी भाषेविषयी विद्यार्थ्यांमध्ये आवड निर्माण करणे . २. व्यक्तिमत्त्व विकासात भाषेचे महत्त्व स्पष्ट करणे. ३. साहित्याची आवड निर्माण करणे. ४. प्रशासकीय व्यावहारात मराठी भाषेचा वापर कसा करावा याची माहिती करून घेणे. ५. विज्ञान साहित्याचा आढावा घेणे. ६. निबंध लेखनाचे स्वरूप समजावून घेणे.
९	T.Y.B.A.	भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार G3 (२०२१ CBCS)	१. मुद्रित माध्यमांसाठी लेखन कौशल्य आत्मसात करणे. २. साहित्यप्रकारांचे स्वरूप, प्रेरणा, प्रयोजन आणि वाटचाल समजावून घेणे. ३. मराठी साहित्य, भाषिक कौशल्यविकास आणि शासनव्यवहार याची माहिती घेणे. ४. साहित्य प्रकारातील विविध अविष्कार व भाषा रूपांची ओळख करून घेणे.
१०	T.Y.B.A	मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास Sp 3 (२०२१ CBCS)	१. वाङ्मयेतिहास संकल्पना, स्वरूप, प्रेरणा व प्रवृत्ती समजून घेणे. २. मध्ययुगीन कालखंडाची सामाजिक, सांस्कृतिक पार्श्वभूमी समजून घेणे. ३. मराठी भाषा, साहित्याची कालखंडानुरूप इतिहास समजून घेणे. ४. विविध कालखंडातील साहित्यिक व साहित्यकृती समजावून घेणे.
११	T.Y.B.A	वर्णनात्मक भाषा विज्ञान Sp 4 (२०२१ CBCS)	१. भाषा स्वरूप, वैशिष्ट्ये व कार्य समजावून घेणे. २. भाषा अभ्यासाची आवश्यकता स्पष्ट करणे. ३. भाषा अभ्यासाची शाखा आणि विविध पद्धतींचा परिचय करून घेणे. ४. वागिंद्रीये रचना, कार्य आणि स्वननिर्मिती समजावून घेणे. ५. रूपविन्यास, वाक्यविन्यास, अर्थविन्यास संकल्पना समजावून घेणे.
१२	T.Y.B.A	कार्यक्रम संयोजनातील भाषिक कौशल्ये SEC (२०२१ CBCS)	१. कार्यक्रमाचे स्वरूप आणि प्रकार समजून घेणे. २. कार्यक्रम संयोजनातील भाषिक कौशल्ये प्राप्त करणे. ३. कार्यक्रम संयोजनातील लेखन कौशल्य व भाषिक संपादित करणे ४. आभासी कार्यक्रमाचे भाषिक कौशल्ये संयोजन करणे.
१३	T.Y.B.A.	आधुनिक मराठी साहित्य आणि व्यावहारिक व उपयोजित मराठी G-3 (२०१३ Pattern)	१. आधुनिक मराठी साहित्यातील विविध साहित्य प्रकारांचा परिचय वाढविणे . २. कलाकृतीचा आस्वाद घेण्याची क्षमता विकसित करणे, ३. भाषेचे आकलन करण्याची क्षमता विकसित करणे. ४. निबंध व प्रवासवर्णन या साहित्य प्रकारांचा परीचय करून घेणे. ५. ग्रंथ परिक्षणाची आवड निर्माण करणे.
१४	T.Y.B.A.	साहित्यविचार Spl- 3 (२०१३ Pattern)	१. साहित्याचे स्वरूप समजावून घेणे. २. साहित्याची प्रयोजने समजावून घेणे. ३. साहित्य निर्मितीची प्रक्रिया समजावून घेणे. ४. साहित्याची भाषा समजावून घेणे. ५. साहित्याची आस्वाद प्रक्रिया समजावून घेणे. ६. साहित्यिक मूल्ये समजावून घेणे.
१५	T.Y.B.A.	भाषाविज्ञान वर्णनात्मक आणि ऐतिहासिक Spl- 4 (२०१३ Pattern)	१. भाषेचे स्वरूप व कार्य, महत्त्व, भाषा अभ्यासाची प्रमुख अंगे जाणून घेणे . २. भाषा म्हणजे काय व तिचे मानवी जीवनातील कार्य व महत्त्व जाणून घेणे. ३. वेगवेगळ्या भाषाअभ्यास पद्धतींचे वेगळेपण व महत्त्व जाणून घेणे. ४. स्वननिर्मितीची प्रक्रिया समजावून घेणे. ५. वागिंद्रियांची रचना व कार्य समजावून घेणे. ६. स्वनविज्ञान, स्वनिम संकल्पना आणि मराठीची स्वनिम व्यवस्था जाणून घेणे. ७. ऐतिहासिक भाषा अभ्यास पद्धतीचे स्वरूप व महत्त्व लक्षात घेणे ८. मराठी भाषेचा उत्पत्तीकाळ व स्थित्यंतराचा आढावा घेणे.


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DEPARTMENT HINDI

Course Outcomes and Program Specific Outcomes

Sr.No	Programme	Programme Specific Outcome
1	B.A HINDI	1. छात्रों की सर्जनात्मक शक्ति का विकास करना ।
		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 बढ़ावा देना ।
		5. अनुवाद कौशल्य विकसित करना I
		6. हिंदी कंप्यूटिंग का परिचय देना I
		7. लघु कथा सर्जन कौशल्य विकसित करना I
		9. हिंदी काव्य गीत सृजन कौशल्य विकसित करना I
		2
2. अनुवाद संबंधी जानकारी देना I		
3. हिंदी कंप्यूटिंग का परिचय देना I		
4. निबंध लेखन कौशल्य को विकसित करना I		
5. विज्ञापन लेखन कौशल्य विकसित करना I		
6. हिंदी गणितीय चिन्ह एवं अंक का परिचय कराना I		

Sr. No.	Class	Course	Course Outcomes
1.	F.Y.B.A. 2019 Pattern	वैकल्पिक हिंदी सेमिस्टर-१	1. छात्रों को हिंदी काव्य साहित्य का परिचय देना I
			2. हिंदी कहानी साहित्य से अवगत करना I
			3. हिंदी भाषा द्वारा संवाद कौशल्य विकसित करना I
			4. मौलिक लेखन की ओर रुझान बढ़ाना I
			5. अनुवाद संबंधी जानकारी देना I
			6. हिंदी कंप्यूटिंग का परिचय देना I
		वैकल्पिक हिंदी सेमिस्टर-२	7. निबंध लेखन कौशल्य को विकसित करना I
			8. विज्ञापन लेखन कौशल्य विकसित करना I
			4. छात्रों में राष्ट्र के प्रति प्रेम एवं सामाजिक प्रतिबद्धता कि भावना निश्चित करना I
			5. छात्रों में नैतिक मूल्य, राष्ट्रीय मूल्य, सामाजिक मूल्यों के प्रति आस्था निर्माण करना I

2	F.Y.B.COM .2019 Pattern	वैकल्पिक हिंदी प्रश्नपत्र सेमिस्टर-१	1. छात्रों को हिंदी काव्य साहित्य का परिचय देना ।		
			2. हिंदी कहानी साहित्य से अवगत कराना ।		
			3. हिंदी भाषा द्वारा संवाद कौशल विकसित करना ।		
			4. मौलिक लेखन की ओर रूझान बढ़ाना ।		
			5. विज्ञापन लेखन कौशल विकसित करना ।		
			6. हिंदी कंप्यूटिंग का परिचय देना ।		
	वैकल्पिक हिंदी प्रश्नपत्र सेमिस्टर-2			7. छात्रों को हिंदी काव्य साहित्य का परिचय देना ।	
				8. हिंदी कहानी साहित्य से अवगत कराना ।	
				9. हिंदी भाषा द्वारा संवाद कौशल विकसित करना ।	
				10. विज्ञापन लेखन के प्रकारों को अवगत करना ।	
				11. अनुवाद का स्वरूप से अवगत करना ।	
				12. पारिभाषिक शब्दावली से अवगत कराना ।	
3.	S.Y.B.A G2 2019 Pattern	आधुनिक काव्य, कहानी, तथा व्यावहारिक हिंदी सेमिस्टर-१	1. छात्रों को काव्य साहित्य से परिचित करना ।		
			2. हिंदी कहानी साहित्य से अवगत करना ।		
			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 ।		
		आधुनिक हिंदी व्यंग्य साहित्य तथा व्यावहारिक हिंदी सेमिस्टर-२			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 ।
4.	SYBA S-1 2019 Pattern	काव्यशास्त्र- सेमिस्टर-१	1. भारतीय काव्यशास्त्र का परिचय देना ।		
			2. काव्य परिभाषा, तत्व आदि अवगत कराना ।		
			3. अवगत काव्य के तत्व, शब्द शक्तियों का परिचय देना		
			4. रस का स्वरूप समझाना ।		
			5. भारतीय काव्यशास्त्र में रुचि पैदा करना तथा आलोचनात्मक दृष्टि को विकसित कराना ।		
		साहित्य के भेद- सेमिस्टर-२			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 I
5.	SYBA S-2 2019 Pattern	मध्ययुगीन काव्य तथा उपन्यास साहित्य- सेमिस्टर- १	1. कबीर के साहित्य का परिचय देना I
			2. मीराबाई के काव्य से अवगत कराना I
			3. भारतीय उपन्यास की अवधारणा समझाना I
			4. उपन्यास कृति का मूल्यांकन कला विकसित कराना I
			5. साहित्य कृतियों प्रस्तुत जीवनमूल्यों को आत्मविस्तृत कराना I
		मध्ययुगीन काव्य तथा नाटक साहित्य सेमिस्टर-२	6. रहीम के काव्य का बोध कराना I
			7. बिहारी की काव्य अभिव्यंजना समझाना I
			8. हिंदी नाटक और रंगमंच से अवगत कराना I
			9. छात्रों में अभिनय गुण विकसित कराना I
			10. नाट्य आलोचना से अवगत कराना I
6.	SYBA Skill Enhancement 2019 Pattern	अनुवाद स्वरूप एवं व्यवहार- सेमिस्टर-१	1. अनुवाद कौशल्य से छात्रों को अवगत कराना I
			2. अनुवाद का स्वरूप समझाना I
			3. अनुवाद क्षेत्र से परिचित कराना I
			4. हिंदी से मराठी में प्रत्यक्ष अनुवाद कार्य कराना I
			5. अंग्रेजी से हिंदी मराठी में अनुवाद कौशल का विकास कराना I
		माध्यम लेखन- सेमिस्टर-२	6. छात्रों को माध्यम लेखन से परिचित कराना I
			7. सृजनात्मक लेखन कौशल विकसित कराना I
			8. माध्यम लेखन से अवगत कराना I
			9. श्रव्य दृश्य माध्यमों की भाषा से अवगत करना I
7.	SYBA MIL 2019 Pattern	हिंदी भाषा शिक्षण सेमिस्टर-१	1. हिंदी भाषा श्रवण कौशल विकसित कराना I
			2. छात्रों में हिंदी भाषा वाचन कौशल विकसित करना I
			3. छात्रों में हिंदी भाषा संवाद कौशल विकसित करना I
			4. छात्रों में हिंदी भाषा लेखन कौशल विकसित करना I
			5. हिंदी भाषा विधि तथा भाषा व्यवहार से अवगत करना I
			6. लघु कथा सर्जन कौशल्य विकसित करना I
		हिंदी भाषा शिक्षण सेमिस्टर-२	7. छात्रों में वाक्य के भेद से अवगत करना I
			8. छात्रों में विषय प्रकार के वाक्यों से परिचित करना I
			9. छात्रों में हिंदी भाषा श्रवण कौशल विकसित करना I
			10. छात्रों में हिंदी भाषा संवाद कौशल विकसित करना I
			11. छात्रों में हिंदी भाषा वाचन कौशल विकसित करना I
			12. छात्रों में हिंदी भाषा लेखन कौशल विकसित करना I

			13.हिंदी भाषा विधि तथा भाषा व्यवहार से अवगत कराना
			14.हिंदी काव्य गीत सृजन कौशल विकसित करना I
8.	T.Y.B.A. G-3 2019 Pattern	कथेतर विधाएँ- सेमिस्टर-१	1.छात्रों को संस्मरण साहित्य से अवगत करना । 2. छात्रों को रेखाचित्र साहित्य से अवगत करना । 3.छात्रों को मूल्यांकन की दृष्टि का विकास करना । 4. सभा- इतिवृत्त लेखन कौशल वृद्धि का विकास करना । 5.वार्ता - लेखन कौशल दृष्टि निर्माण करना ।
		गज़ल विधा और पत्राचार सेमिस्टर-२	6. छात्रों को गजल साहित्य से अवगत करना । 7.छात्रों को गजलकार के व्यक्तित्व से अवगत करना । 8. छात्रों में मूल्यांकन की दृष्टि का विकास करना । 9.छात्रों को सरकारी पत्र लेखन से अवगत करना
9.	T.Y.B.A. S-3 2019 Pattern	हिंदी साहित्य का इतिहास आदिकाल), भक्तिकाल रीतिकाल का सामान्य परिचय (1. हिंदी साहित्येतिहास लेखन का परिचय देना । 2. हिंदी साहित्येतिहास के कालविभाजन तथा नामकरण का परिचय देना । 3. आदिकालीन , भक्तिकालीन , रीतिकालीन प्रमुख साहित्यिक प्रवृत्तियों , रचनाकारों और रचनाओं से परिचित कराना I
		हिंदी साहित्य का इतिहास आधुनिक काल) (सामान्य परिचय सेमिस्टर-२	4. आधुनिक काल की पृष्ठभूमि से छात्रों अवगत कराना । 5.भारतेंदु युगीन , द्विवेदी युग के काव्य की विशेषताओं से छात्रों को अवगत कराना । 6. आधुनिक काल के रचनाकारों और रचनाओं से परिचित कराना । 7. हिंदी गद्य के उद्भव और विकास से छात्रों को अवगत कराना ।
10	T.Y.B.A.S-4 2019 Pattern	भाषाविज्ञान- सेमिस्टर-१	1 . भाषाविज्ञान के स्वरूप का परिचय देना । 2. छात्रों को भाषाविज्ञान की व्याप्ति समझाना । 3. भाषाविज्ञान के अध्ययन की दिशाओं का परिचय देना । 4. भाषाविज्ञान के अनुप्रयोगात्मक पक्ष को समझाना । 5.साहित्य - अध्ययन में भाषाविज्ञान की उपयोगिता समझाना ।
		हिंदी भाषा और उसका विकास सेमिस्टर-२	5. भाषाविज्ञान के स्वरूप का परिचय देना । 6. छात्रों को भाषाविज्ञान की व्याप्ति समझाना । 7. भाषाविज्ञान के अध्ययन की दिशाओं का परिचय देना ।

			8.भाषाविज्ञान के अनुप्रयोगात्मक पक्ष को समझाना । 9.साहित्य - अध्ययन में भाषाविज्ञान की उपयोगिता समझाना ।
11	T.Y.B.A. SEC 2019 Pattern	Skill Enhancement Course पटकथा लेखन सेमिस्टर-१	1.छात्रों को स्क्रिप्ट लेखन , अर्थ , परिभाषा से अवगत कराना । 2.छात्रों को कथा , पटकथा और संवाद से परिचित कराना । 3. छात्रोंको ड्राफ्ट बनाने से परिचित कराना ।
		साहित्य और फिल्मांतरण सेमिस्टर-२	4. छात्रों में सिनेमा का स्वरूप से परिचित कराना । 5.छात्रों को हिंदी साहित्य और सिनेमा के अन्तसंबंध से परिचित कराना । 6. छात्रों को हिंदी उपन्यासों पर आधारित फिल्मों से अवगत कराना ।
	T.Y.B.A. S- 3 2013 Pattern	हिंदी साहित्य का इतिहास	1. हिन्दी साहित्य के इतिहास की लेखन परंपरा से अवगत कराना । 2. हिन्दी साहित्य के इतिहास के कालखंडों के नामकरण एवं पृष्ठभूमि का परिचय देना। 3. हिन्दी साहित्य की प्रतिनिधी रचनाओ और रचनाकारो का महत्व विशद करना। 4. हिन्दी साहित्य के इतिहास के माध्यम से साहित्य और युगजीवन का संबंध विशद करना। 5. हिन्दी साहित्य के विकासक्रम तथा साहित्य के परिवर्तन के कारनो का परिचय देना
	T.Y.B.A. S- 4 2013 Pattern	काव्यशास्त्र	1. छात्रों को अलंकार, छंदों के स्वरूप के साथ उनका सोदाहरण परिचय कराना । 2. छात्रों को गद्य - भेदों के साथ नाटक, एकांकी और 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 ।
	T.Y.B.A. 2013 Pattern	हिंदी सामान्य-3	1 छात्रो को आत्मकथा और दिर्घ कविता का परिचय देना। 2. छात्रो को सरकारी पत्रलेखन की पद्धति से अवगत कराना।। 3.छात्रो को पत्रकारिता के पेहलओ परिचित करवना । 4 छात्रो मे अग्रेजी से हिंदी मे अनुवाद कारने की कला को विकसित करना।

			5 छात्रो को परिभाषिक शब्दो के माध्यम से सरकारी कार्यालय मे प्रयुक्त की जानेवाली हिंदी से पारिचित कराना ।
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Head
Department of Hindi
ACS & Comp.Sci. College, Ashvi Kd.

Department of English

Course Outcomes and Program Specific Outcomes

Sr. No.	Programme	Course Outcome	Programme Specific Outcome
1	B. A. English	1. To provide in depth knowledge of language and literary concepts.	1. After completion of programme, students will be able to have in depth knowledge of language and literary concepts.
		2. To familiarize with contemporary and recent trends and advances in language and literature	2. They became familiarize with contemporary and recent trends and advances in language and literature.
		3. To improve language competence.	3. Language competence improved.
		4. To introduce students to some advanced areas of language study.	4. Students got introduced to some advanced areas of language study.
		5. To prepare students to go for detailed study and understanding of literature and language	5. They become confident to prepare to go for detailed study and understanding of literature and language.

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

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)	<p>1. To familiarize students with excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.</p> <p>2. To give exposure to native cultural experiences and situations in order to develop humane values and social awareness.</p> <p>3. To developed overall linguistic competence and communicative skills of the student</p>	<p>1. Students familiarized with excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.</p> <p>2. Students got exposure to native cultural experiences and situations in order to develop humane values and social awareness.</p> <p>3. Developed overall linguistic competence and communicative skills of the student</p>
2	F.Y.B.A	Compulsory English: Literary Gleam: An Anthology of Prose and Poetry (2019 pattern)	<p>1. To expose students to the best examples of prose and poetry in English so that they realize the beauty and communicative power of English</p> <p>2. To develop the ability to appreciate idea and think critically.</p> <p>3. To instill human values and develop the character of students as responsible citizens of the world.</p> <p>4. To enhance employability of the students by developing their linguistic competence and communicative skills.</p>	<p>1. Students got exposure to the best examples of prose and poetry in English so that they realize the beauty and communicative power of English</p> <p>2. Developed the ability to appreciate idea and think critically.</p> <p>3. Instilled human values and develop the character of students as responsible citizens of the world.</p> <p>4. Enhanced employability of the students by developing their linguistic competence and communicative skills.</p>

3	F.Y.B.A.	Optional English: Interface: English Literature and Language (2013 Pattern)	<ol style="list-style-type: none"> 1. To give exposure to the basics of literature and language. 2. To familiarize with 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 the technical aspects and their practical usage. 4. To prepare students to go for detailed study and understanding of literature and language. 5. To developed an integrated view about language and literature in them 	<ol style="list-style-type: none"> 1. Students got exposure to the basics of literature and language. 2. They familiarized with 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. 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 detailed study and understanding of literature and language. 5. Developed an integrated view about language and literature in them
4	F.Y. B.A	Optional English: Initiations Minor Literary Forms & Basics of Phonology(20 19 pattern)	<ol style="list-style-type: none"> 1. To expose students to the basics of literature and language and develop an integrated view about language and literature in them. 2. To acquaint them with minor forms of literature 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. 	<ol style="list-style-type: none"> 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. 3. Introduced the basics of phonology of English so that they can pronounce better and speak English correctly. 4. Enhanced the job potential of students by improving their language skills

			4. To enhanced the job potential of students by improving their language skills	
5	F.Y.B.Com	Compulsory English: A Pathway to Success (2013 Pattern)	<p>1. To realize the beauty and communicative power of English through good pieces of prose and poetry.</p> <p>2. To give exposure to native cultural experiences and situations so that they understood the importance and utility of English language.</p> <p>3.To develop overall linguistic competence and communicative skills among the students.</p> <p>4.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</p>	<p>1. Students realized the beauty and communicative power of English through good pieces of prose and poetry.</p> <p>2. They got exposure to native cultural experiences and situations so that they understood the importance and utility of English language.</p> <p>3. Developed overall linguistic competence and communicative skills among the students.</p> <p>4. Developed oral and written communicative skills among the students so that their employability enhanced and English becomes the medium of their livelihood and personality.</p>
6	F.Y.B.Com	Compulsory English: Success Avenue (2019 Pattern)	<p>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</p> <p>2. To expose students to a variety of topics that dominates the contemporary socio economic and cultural life.</p> <p>3. To offer relevant and practically helpful</p>	<p>1.Developed oral and written communication skills among the students so that their employability enhances and English becomes the medium of their livelihood and personality</p> <p>2 Exposed students to a variety of topics that dominate the contemporary socio economic and cultural life.</p> <p>3. 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.</p>

			<p>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.</p> <p>4. To develop overall linguistic competence and communicative skills of students.</p>	<p>4. Developed overall linguistic competence and communicative skills of students.</p>
7	S.Y.B.A.	Compulsory English: Literary Landscapes (2013 Pattern)	<p>1. To develop their competence among the students for self-learning.</p> <p>2. To familiarize Students with excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.</p> <p>3. To developed students' interest in reading literary pieces.</p> <p>4. To give exposure to native cultural experiences and situations in order to develop humane values and social awareness.</p> <p>5. To developed overall linguistic competence and communicative skills of the students</p>	<p>1. Developed competence among the students for self-learning.</p> <p>2. Students familiarized with excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.</p> <p>3. Developed students' interest in reading literary pieces.</p> <p>4. Got exposure to native cultural experiences and situations in order to develop humane values and social awareness.</p> <p>5. Developed overall linguistic competence and communicative skills of the students</p>

8	S.Y.B.A.	Compulsory English: Panorama: Values and Skills through Literature (2020-21 Pattern)	<p>1. To develop their competence among the students for self-learning.</p> <p>2. To familiarize Students with excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.</p> <p>3. To developed students' interest in reading literary pieces.</p> <p>4. To give exposure to native cultural experiences and situations in order to develop humane values and social awareness.</p> <p>5. To developed overall linguistic competence and communicative skills of the students</p>	<p>1. Developed competence among the students for self-learning.</p> <p>2. Students familiarized with excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.</p> <p>3. Developed students' interest in reading literary pieces.</p> <p>4. Got exposure to native cultural experiences and situations in order to develop humane values and social awareness.</p> <p>5. Developed overall linguistic competence and communicative skills of the students</p>
9	S.Y.B.A.	General English(G-2): Study of English Language and Literature (2013 Pattern)	<p>1.To expose students to the basics of short story, one of the literary form</p> <p>2. To familiarize them with different types of short stories in English) To understand the literary merit, beauty and creative use of language.</p> <p>4) To introduce to some advanced units of language so that they become aware of the technical aspects and their practical usage.</p>	<p>1) Students got exposure to the basics of short story, one of the literary forms.</p> <p>2) Familiarized with different types of short stories in English.</p> <p>3) They understood the literary merit, beauty and creative use of language.</p> <p>4) Got introduction to some advanced units of language so that they become aware of the technical aspects and their practical usage.</p> <p>5) Students prepared to go for detailed study and understanding of literature and language</p>

			<p>5) To prepare them to go for detailed study and understanding of literature and language</p> <p>6) To developed integrated view about language and literature in them</p>	<p>6) Developed integrated view about language and literature in them</p>
10	S.Y.B.A.	General English(G-2): Advanced Study of English Language (2020-21 Pattern)	<p>1. To expose students to the basics of short story, one of the literary form</p> <p>2. To familiarize them with different types of short stories in English</p> <p>) To understand the literary merit, beauty and creative use of language.</p> <p>4) To introduce to some advanced units of language so that they become aware of the technical aspects and their practical usage.</p> <p>5) To prepare them to go for detailed study and understanding of literature and language</p> <p>6) To developed integrated view about language and literature in them</p>	<p>1) Students got exposure to the basics of short story, one of the literary forms.</p> <p>2) Familiarized with different types of short stories in English.</p> <p>3) They understood the literary merit, beauty and creative use of language.</p> <p>4) Got introduction to some advanced units of language so that they become aware of the technical aspects and their practical usage.</p> <p>5) Students prepared to go for detailed study and understanding of literature and language</p> <p>6) Developed integrated view about language and literature in them</p>
11	S.Y.B.A.	Optional English(S-1): Appreciating Drama (2013 Pattern)	<p>To acquaint and familiarized students with the terminology in Drama Criticism (i.e. the terms used in Critical Analysis and</p>	<p>1. Students acquainted and familiarized with the terminology in Drama Criticism (i.e. the terms used in Critical Analysis and Appreciation of</p>

		<p>Appreciation of Drama).</p> <p>2.To encourage to make a detailed study of a few sample masterpieces of English Drama from different parts of the world</p> <p>3.To Develop interest among the students to appreciate and analyze drama independently</p> <p>4. To enhanced student's awareness in the aesthetics of Drama and to empower them to evaluate drama independently.</p>	<p>Drama).</p> <p>2. Students got encouraged to make a detailed study of a few sample masterpieces of English Drama from different parts of the world</p> <p>3. Developed interest among the students to appreciate and analyze drama independently</p> <p>4. Enhanced students awareness in the aesthetics of Drama and to empower them to evaluate drama independently</p>
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12	S.Y.B.A.	Optional English(S-1): Appreciating Drama (2020-21 Pattern)	<p>To acquaint and familiarized students with the terminology in Drama Criticism (i.e. the terms used in Critical Analysis and Appreciation of Drama).</p> <p>2.To encourage to make a detailed study of a few sample masterpieces of English Drama from different parts of the world</p> <p>3.To Develop interest among the students to appreciate and analyze drama independently</p> <p>4. To enhanced student’s awareness in the aesthetics of Drama and to empower them to evaluate drama independently.</p>	<p>1. Students acquainted and familiarized with the terminology in Drama Criticism (i.e. the terms used in Critical Analysis and Appreciation of Drama).</p> <p>2. Students got encouraged to make a detailed study of a few sample masterpieces of English Drama from different parts of the world</p> <p>3. Developed interest among the students to appreciate and analyze drama independently</p> <p>4. Enhanced students awareness in the aesthetics of Drama and to empower them to evaluate drama independently</p>
13	S.Y.B.A.	Optional English(S-2): Appreciating Poetry	<p>1. To acquaint and familiarize students with the terminology in poetry criticism (i.e. the terms used in critical analysis and appreciation of poems)</p> <p>2. To encourage students to make a detailed study of a few sample masterpieces of English poetry.</p> <p>3. To enhance students’</p>	<p>1. Students acquainted and familiarized with the terminology in poetry criticism (i.e. the terms used in critical analysis and appreciation of poems)</p> <p>2. Students got encouraged to make a detailed study of a few sample masterpieces of English poetry.</p> <p>3. Enhanced students’ awareness in the aesthetics of poetry and to empower them to</p>

			awareness in the aesthetics of poetry and to empower them to read, appreciate and critically evaluate the poetry independently.	read, appreciate and critically evaluate the poetry independently.
14	S.Y.B.A.	Optional English(S-2): Appreciating Poetry (2020-21 Pattern)	<p>1. To acquaint and familiarize students with the terminology in poetry criticism (i.e. the terms used in critical analysis and appreciation of poems)</p> <p>2. To encourage students to make a detailed study of a few sample masterpieces of English poetry.</p> <p>3. To enhance students' awareness in the aesthetics of poetry and to empower them to read, appreciate and critically evaluate the poetry independently.</p>	<p>1. Students acquainted and familiarized with the terminology in poetry criticism (i.e. the terms used in critical analysis and appreciation of poems)</p> <p>2. Students got encouraged to make a detailed study of a few sample masterpieces of English poetry.</p> <p>3. Enhanced students' awareness in the aesthetics of poetry and to empower them to read, appreciate and critically evaluate the poetry independently.</p>

15	S.Y.B.A.	Skill Enhancement Course-(SEC-2A & 2B)	<ol style="list-style-type: none"> 1. Enhancing the skill of using English for everyday communication 2. To acquaint the students with the verbal and nonverbal communication 3. To create opportunities to access exposure of speaking in various contexts 4. To acquaint and familiarize the students with soft skills 5. To develop interest among the students to interact in English 	<ol style="list-style-type: none"> 1. Students enhanced the skill of using English for everyday communication 2. Students acquainted with the verbal and nonverbal communication 3. The opportunities created to access exposure of speaking in various contexts 4. The students acquainted and familiarized with soft skills 5. Students developed interest to interact in English
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16	T.Y.B.A.	Compulsory English: Literary Pinnacles (2013 Pattern)	<ol style="list-style-type: none"> 1. To introduce students to the best uses of language in literature. 2. To familiarize students with the communicative power of English. 3. To make them competent users of English in real life situations. 4. To give students exposure to varied cultural experiences through literature. 5. To develop students' overall personality by improving their communicative and soft skills. 	<ol style="list-style-type: none"> 1. Students introduced to the best uses of language in literature. 2. Students familiarized with the communicative power of English. 3. Students become competent users of English in real life situations. 4. Students got exposure to varied cultural experiences through literature. 5. It contributed to students' overall personality development by improving their communicative and soft skills.
17	T.Y.B.A.	Compulsory English: Exploring New Horizons (2021-22 Pattern)	<ol style="list-style-type: none"> 1. To introduce students to the best uses of language in literature. 2. To familiarize students with the communicative power of English. 3. To make them competent users of English in real life situations. 	<ol style="list-style-type: none"> 1. Students introduced to the best uses of language in literature. 2. Students familiarized with the communicative power of English. 3. Students become competent users of English in real life situations. 4. Students got exposure to varied cultural experiences through literature.

18	T.Y.B.A.	General English(G-3): Advanced Study of English Language and Literature (2013 Pattern)	1) To give exposure to the students to some of the best samples of Indian English Poetry. 2) To get experience of Indian English poetry and expresses the ethos and culture of India. 3) To understand creative uses of language in Indian English Poetry 4) To introduce to some advanced areas of language study. 5) To help students to prepare to go for detailed study and understanding of literature and language.	1) Students got exposure to some of the best samples of Indian English Poetry. 2) Students experienced Indian English poetry and expresses the ethos and culture of India. 3) They understood creative uses of language in Indian English Poetry 4) Students got introduced to some advanced areas of language study. 5) It helped students to prepare to go for detailed study and understanding of literature and language.
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19	T.Y.B.A.	General English(G-3): Enhancing Employability Skills (2021-22 Pattern)	<ol style="list-style-type: none"> 1. To get the awareness of career opportunities available to them. 2. To identify the career opportunities suitable to them. 3. To understand the use of English in different careers. 4. To develop competence in using English for the career of their choice. 5. To enhance skills required for their placement. 6. To use English effectively in the career of their choice. 7. To exercise verbal as well as nonverbal communication effectively for their career. 	<ol style="list-style-type: none"> 1. The students got awareness of career opportunities available to them. 2. The students identified the career opportunities suitable to them. 3. The students understood the use of English in different careers. 4. The students developed competence in using English for the career of their choice. 5. The students enhanced skills required for their placement. 6. The students used English effectively in the career of their choice. 7. The students exercised verbal as well as nonverbal communication effectively for their career.
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20	T.Y.B.A.	Optional English(S-3): Appreciating Novel (2013 Pattern)	<ol style="list-style-type: none"> 1. To introduce to the basics of novel as a literary form. 2. To give exposure to the historical development and nature of novel. 3. To make aware of different types and aspects of novel. 4. To developed literary sensibility and sense of cultural diversity in students. 5. To give exposure to some of the best examples of novel. 	<ol style="list-style-type: none"> 1. Students introduced to the basics of novel as a literary form 2. Students got exposure to the historical development and nature of novel 3. They became aware of different types and aspects of novel 4. Developed literary sensibility and sense of cultural diversity in students 5. Students got exposure to some of the best examples of novel
21	T.Y.B.A.	Optional English(S-3): Appreciating Novel (2021-22 Pattern)	<ol style="list-style-type: none"> 1. To introduce students to the basics of novel as a literary form 2. To expose students to the historical development and nature of novel 3. To make students aware of different types and aspects of novel 4. To develop literary sensibility and sense of cultural diversity in students 5. To expose students to some of the best examples of novel 	<ol style="list-style-type: none"> 1. Introduced students to the basics of novel as a literary form 2. Exposed students to the historical development and nature of novel 3. The students were aware of different types and aspects of novel 4. Developed literary sensibility and sense of cultural diversity in students 5. Exposed students to some of the best examples of novel

22	T.Y.B.A.	Optional English(S-4): Introduction to Literary Criticism (2013 Pattern)	<ol style="list-style-type: none"> 1. To introduce students to the basics of literary criticism 2. To make them aware of the nature and historical development of criticism 3. To familiarize students with the significant critical approaches and terms 4. To encouraged students to interpret literary works in the light of the critical approaches 5. To developed aptitude for critical analysis 	<ol style="list-style-type: none"> 1. Introduced students to the basics of literary criticism 2. They became aware of the nature and historical development of criticism 3. They became familiar with the significant critical approaches and terms 4. Students got encouraged to interpret literary works in the light of the critical approaches 5. Developed aptitude for critical analysis
23	T.Y.B.A.	Optional English(S-4): Introduction to Literary Criticism (2021-22 Pattern)	<ol style="list-style-type: none"> 1. To introduce students to the basics of literary criticism 2. To make them aware of the nature and historical development of criticism 3. To familiarize students with the significant critical approaches and terms 4. To encouraged students to interpret literary works in the light of the critical approaches 5. To developed aptitude for critical analysis 	<ol style="list-style-type: none"> 1. Introduced students to the basics of literary criticism 2. They became aware of the nature and historical development of criticism 3. They became familiar with the significant critical approaches and terms 4. Students got encouraged to interpret literary works in the light of the critical approaches 5. Developed aptitude for critical analysis

24	T. Y. B.A.	Skill Enhancement Course: Mastering Life Skills and Life Values (2021-22 Pattern)	<ol style="list-style-type: none"> 1. To equip the students with the social skills 2. To train the students interpersonal skills 3. To build self-confidence and communicate effectively 4. To Encourage the students to think critically 5. To learn stress management and positive thinking 6. To enhance leadership qualities 7. To aware the students about universal human values 8. To develop overall personality of the students 	<ol style="list-style-type: none"> 1. The students equipped with the social skills 2. The students trained interpersonal skills 3. They built self-confidence and communicate effectively 4. The students encouraged to think critically 5. They learnt stress management and positive thinking 6. They enhanced leadership qualities 7. The students aware about universal human values 8. Overall personality of the students developed
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Acharya B
Head

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

Loknete Dr. BalasahebVikhePatil (Padmabushan Awardee)

Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College AshviKd.

Department of Economics

Course Outcomes and Program Specific Outcomes

Sr. No.	Programme	Course Outcome	Programme Specific Outcome
1	B. A. Economics	1. To provide in depth knowledge of socio-economic aspects.	1. After completion of program, students will be able to have in-depth knowledge of basic concepts in Economics.
		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 baning 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	

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

Sr. No	Class	Course	Course Objectives	Course Outcomes
1	F.Y.B.A.	Indian Economic Environment (2019 Pattern)	1. The course intends to make students aware about the Developing Economy, Theory of Demographic Transition. 2. The course intends to make students	1. After completion of program, students will be able to have in-depth knowledge of the

			<p>aware about the Poverty and Unemployment, Place of Agriculture in Indian economy, Role of Industrialization, Meaning and Classification of Labour Meaning.</p> <p>3. The course intends to make students aware about the Concept, Need and Objectives Salient Features of Economy of Maharashtra</p>	<p>Developing Economy, Theory of Demographic Transition.</p> <p>2. Students will be get acquainted with the the basic concept of the Poverty and Unemployment, Place of Agriculture in Indian economy, Role of Industrialization, Meaning and Classification of Labour Meaning.</p> <p>3. 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</p>
2	F.Y. B.Com.	Business Economics (Micro) (2019 Pattern)	<p>1. To expose Students of Commerce to basic micro economic concepts and inculcate an analytical approach to the subject matter.</p> <p>2. To stimulate the student interest by showing the relevance and use of various economic theories.</p> <p>3. To apply economic reasoning to problems of business.</p>	<p>1. Students will be get acquainted with the basic micro economic concepts and inculcate an analytical approach to the subject matter.</p> <p>2. Students will be acquaint the basic concepts of the relevance and use of various economic theories.</p> <p>3. After completion of program, students will be able to have in-depth knowledge of economic reasoning to problems of business.</p>
3	S.Y.B.Com	Business Economics (Macro) (2019 Pattern)	<p>1. The objective of the course is to familiarize the students the basic concept of Macro Economics and application.</p> <p>2. To study the behavior of the economy as a whole.</p> <p>3. To study the relationship among broad aggregates.</p> <p>4. To apply economic reasoning to problems of the economy.</p>	<p>1. Students will be get acquainted with the the basic concept of Macro Economics and application.</p> <p>2. After completion of program, students will be able to have in-depth knowledge of behavior of the economy as a whole.</p> <p>3. Students will be acquainting the basic</p>

				<p>concepts of the relationship among broad aggregates.</p> <p>4. Students will be familiar with the apply economic reasoning to problems of the economy.</p>
4	S.Y.B.A.	G-2: Financial System (2019)	<ol style="list-style-type: none"> 1. To understand fundamentals of modern financial system. 2. To understand the recent trends and developments in banking system. 3. To understand the role of the Reserve Bank of India in Indian financial system. 4. To provide the knowledge of various financial and non-financial institutions. 5. To provide the students the intricacies of Indian financial system for better financial decision making. 	<ol style="list-style-type: none"> 1. A financial system is a network of financial institutions, financial markets, financial instruments and financial services to facilitate the transfer of funds. 2. It serves as a backbone of any economy. This paper aims to provide knowledge about the financial system in the country. 3. It also aims to introduce international financial institutions operating in the global economy. The present era is the one with huge changes, development and challenges in every sector. 4. This paper on financial system will also highlight some of the important changes taking place in the Indian financial sector.
5	S.Y.B.A.	S-1: Micro Economics (2019)	<ol style="list-style-type: none"> 1. To develop an understanding about subject matter of Economics. 2. To impart knowledge of microeconomics. 3. To clarify micro economic concepts. 4. To analyze and interpret charts, graphs and figures 5. To develop an understanding of basic theories of micro economics and their application. 	<ol style="list-style-type: none"> 1. 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,

			<p>6. To demonstrate that the theories discussed in class will usually be applied to real-life situations.</p> <p>7. To help the students to prepare for varied competitive examinations.</p>	<p>the price formation in different markets structures and the equilibrium of a firm and industry.</p> <p>3. In addition, the principles of factor pricing and commodity pricing as also the problems of investment and welfare economics have been included.</p>
6	S.Y.B.A.	S-2: Macro Economics (2019)	<p>1. To introduce students to the historical background of the emergence of macroeconomics</p> <p>2. To familiarize students with the differences between microeconomics and macroeconomics</p> <p>3. To familiarize students with various concepts of national income</p> <p>4. To familiarize students with keynesian macroeconomic theoretical framework of consumption and investment functions</p> <p>5. To introduce students to the role of money in an economy.</p> <p>6. To introduce students to the conceptual and theoretical frameworks of inflation, deflation and stagflation, Business Cycle.</p> <p>7. To familiarize students with the conceptual and theoretical framework of business cycles</p> <p>8. To introduce students to the role of monetary and fiscal policies in fulfilling the macroeconomic objectives of stability, full employment and growth.</p> <p>9. To introduce students to the various instruments of monetary and fiscal policies</p>	<p>1. Macroeconomics is the branch of economics that deals with the functioning of an economy as a whole.</p> <p>2. Macroeconomic analysis involves theoretical, empirical as well as policy-related aspects.</p> <p>3. The theoretical aspect of macroeconomics involves the conceptual as well as theoretical framework of macroeconomics.</p> <p>4. It deals with various macroeconomic concepts as well as various macroeconomic theories. The theoretical framework of macroeconomics focuses on functioning of an economy in its totality, determination of the level of national income and employment in an economy, role of aggregate demand as well as aggregate supply, role of money, determination of value of money, determination of general price level as well as rate of inflation and business cycles.</p> <p>5. The empirical aspect of macroeconomics applies macroeconomic theories to the study of real economies</p>

				<p>and tests the validity of macroeconomic theories.</p> <p>6. The policy-related aspect focuses on the role of fiscal and monetary policy in achieving macroeconomic objectives with the help of various policy instruments.</p> <p>7. This curriculum integrates conceptual, theoretical, empirical and policy-related aspects of macroeconomics. This curriculum introduces the undergraduate students to the field of macroeconomics and enables them to learn the functioning of the economy in a systematic manner.</p>
7.	S.Y.B.A.	Skill Enhancement Course (SEC):Basic Concept of Research Methodology (2019)	<ol style="list-style-type: none"> 1. To develop the understanding of the basic concept of research. 2. To develop the understanding of the basic framework of sampling and data collection. 3. To develop the understanding of various sampling methods and techniques. 4. To identify various sources of information for data collection. 5. To develop the understanding of the conducting survey on various issues. 	<ol style="list-style-type: none"> 1. Demonstrate his/her understanding of sampling methods and the ability to use collection of data 2. Identify the appropriate sample techniques for different kinds of research questions 3. Identify the appropriate source of data in relation to the collection of research data. 4. Able to classify and present the collected data in the form of graph, bar diagram, chart etc.
8.	T.Y.B.A	Indian Economic Development-III (2019)	<ol style="list-style-type: none"> 1. To describe and explain the process of Economic Planning. 2. To describe and examine the changing structure of planning process in India. 3. To describe and explain the relation between Economic Development and Environment. 	<ol style="list-style-type: none"> 1. This course would take an overview of the process of Economic Planning and the Development Goals. 2. The course aims to introduce the learner to the main concepts in Economic Planning, equip them with understanding of the planning process in India and changing in recent times and familiarize

				<p>them to the Sustainable Development Goals.</p> <p>3. The Course also reviews the relation between Economic Development and Environment</p>
9	T.Y.B.A	International Economics-I (2019)	<ol style="list-style-type: none"> 1. To relate and recall the concepts of International Economics and International Trade. 2. To describe and apply the theories of international trade. 3. To explain and comprehend the issues relating to Terms of trade and Balance of Payment. 	<ol style="list-style-type: none"> 1. This course provides the students a thorough understanding and deep knowledge about the concept of international economics and international trade. 2. The contents of the paper spread over various modules, lay stress both on theory and applied nature of the subject. Besides this, the contents prepare the students to know the important theories of international trade. 3. The paper also covers the meaning, types, importance of terms of trade and causes of unfavorable terms of trade to developing countries like India.
10	T.Y.B.A	International Economics-II (2019)	<ol style="list-style-type: none"> 1. Ability to relate and explain the concept of Exchange Rate and Foreign Exchange Market. 2. Ability to describe the trends in Growth, Composition and Direction of India's Foreign Trade. 3. Ability to comprehend the issues relating to Foreign Capital and Regional and International Co-Operation. 	<ol style="list-style-type: none"> 1. This course provides the students a thorough understanding and deep knowledge about India's foreign trade and trade policies. 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 few decade. Besides this, the contents prepare the students to know the foreign exchange market, provisions in FEMA and convertibility of rupee. 3. The paper also covers the Indian government's policy

				<p>towards foreign capital and role of multinational corporations in India and regional and international co-operation.</p> <p>4. This paper has become relatively more relevant from the policy point of view under the present waves of globalization and liberalization.</p>
11	T.Y.B.A	Public Finance (2019)	<ol style="list-style-type: none"> 1. To make students to analyze the role of Public Finance in Economic Development. 2. To know the sources of Revenue, Expenditure and Debt of Govt. of India. 3. To make students competent to become success in competitive examination. 	<ol style="list-style-type: none"> 1. To relate and recognize the Nature and Scope of Public Finance. 2. To describe and analyze the concept of Public Revenue and its components. 3. To explain types of Public Expenditure and reasons for rising Public Expenditure. 4. To explain the types of Public Debt and its effects. 5. To explain and assess the components and instruments of Fiscal Policy
12	T.Y.B.A	SEC 3A: Business Management-I (2019)	<ol style="list-style-type: none"> 1.To Enhancing professional skills in children 2. Enhancing vocational interest in children 	<ol style="list-style-type: none"> 1. Management of Business. 2. Business planning and decision making 3. Leadership Skills- Ability to work in teams at the same time, ability to show leadership qualities

Loknete Dr. BalasahebVikhePatil (Padmabushan Awardee)

Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College AshviKd.

Department of Geography
CO'S & PO's

Programme	Course Objectives	Programme Specific Outcome
B. A. Geography	1. To provide broad and comprehensive knowledge in Physical, Regional, Population, Tourism and Disaster Management Geography	1. A good academic background to be able to seek admission for master's degree in geography
	2. To develop the practical skills of Geography	2. Capability of applying the knowledge in solving the real world problems
	3. To explain that, solving geographical problems is based on experiential analyses of data through various methods.	3. Skill in cartography for data representation.
	4. To help students build-up a progressive and successful career in Geography	

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	I. To introduce the students to the basic concepts in Human geography. II. To introduce latest	Upon successful completion of this course, the student will be able to: i) The geographical

			concept in Human Geography	maturity of students
			III. To acquaint the students with the utility and application of Human Geography in different regions and environment.	in their current and future courses shall develop. ii) The student develops theoretical, applied and skills.
2	S.Y.B.A. Geography (CBCS 2019 Pattern)	CC-1C Gg.201 A- Environmental Geography – I	<p>1) To create awareness about dynamic environment among the students</p> <p>2) To acquaint the students with fundamental concepts of environment geography for development in different areas</p> <p>3) The students should be able to integrate various factors of environment and dynamic aspects of environmental geography</p> <p>4) To make aware the students about the problems of environment their utilization and</p>	<p>Upon successful completion of this course, the student will be able to:</p> <p>1) The fundamental concepts of environmental geography</p> <p>2) Students will be able to integrate various factors of environment and dynamic aspects of environmental geography</p> <p>3) Student will get aware about the problems of environment, its utilization and conservation in the view of sustainable development</p>

			conservation in the view of sustainable development	
		CC-1C Gg.201 B- Environmental Geography – II	<p>1) To create awareness about dynamic environment among the students</p> <p>2) To acquaint students with the fundamental concepts of environmental geography</p> <p>3) To acquaint students about the past present and future utility and potentials of natural resources</p> <p>4) To make aware students about the problems of environment its utilization and conservation in the view of sustainable development</p>	<p>Upon successful completion of this course, the student will be able to:</p> <p>1) The fundamental concepts of environmental geography</p> <p>2) To acquaint students will get acquainted with the past present and future utility and potentials of natural resources</p> <p>3) Student will get aware about the problems of environment, its utilization and conservation in the view of sustainable development</p>
		DES-1A Gg.210 A- Population Geography – I	<p>1) To understand the history of population</p> <p>2) To introduce the basic concepts in Population Geography</p>	<p>Upon successful completion of this course, the student will be able to</p> <p>1) Can understand the history of population</p>

			3) To understand the types of population data	2) Will get acquainted with the types of Population
		DES-1B Gg.210 B- Population Geography – II	<p>1) To introduce students to the population policy of India and China</p> <p>2) To understand the health indicator in India</p> <p>3) To acquaint students with the concept of urbanization in Population Geography</p> <p>4) To understand population theories</p>	<p>Upon successful completion of this course, the student will be able to</p> <p>1) Can understand the health indicator in India</p> <p>2) Will get acquainted with the concept of urbanization in Population Geography</p> <p>3) Will understand population theories</p>
		DES-2A Gg.210 A. Practical Geography – I (Scale & Map Projections)	<p>1) To introduce the basic concept in practical geography.</p> <p>2) To enable students to use various scales and projection techniques in geography.</p> <p>3) To acquaint students with the utility of various projections in geographical knowledge.</p> <p>4) To explain the</p>	<p>After the successful completion of the course the students will be able to:</p> <p>1) develop practical skill and use of map scale and projections.</p> <p>2) To make students aware of the new techniques accuracy and skills of map</p>

			elementary and essential principles of practical work in geography.	making.
		DES-2B Gg.210 B. Practical Geography – II (Cartographic Techniques/Surveying and Excursion/Village/Project Report)	<p>1) To introduce the students to the basic and contemporary concepts in Cartography.</p> <p>2) To acquaint the students with the utility and applications of various cartographic techniques</p> <p>3) To introduce the latest concepts regarding the modern cartography in the field of geography</p> <p>4) To explain the elementary and essential principles of practical work in geography</p>	<p>After the successful completion of the course the students will be able to:</p> <p>1) Develop practical knowledge and application of cartographical techniques.</p> <p>2) To make students aware of the new techniques, accuracy and skills of map making.</p>
		SEC-I SEC-2A Introduction to Geographical Information System	<p>1. To acquaint the students with basic concepts of GIS.</p> <p>2. To acquaint the students with the utility and applications of GIS technique.</p> <p>3. To create the awareness about your special Technology among the students</p>	<p>Successful completion of this course students will able to</p> <p>1) Comprehend knowledge about the concepts in GIS</p> <p>2) acquire skills of map making using GIS</p>

			4. To inculcate skill of map making among the students by using shared techniques	
		SEC-I SEC-2B Introduction to Remote Sensing	<p>1. To introduce the students about the basic concepts of Remote sensing</p> <p>2. To acquaint the students with the utility of Remote sensing and its application.</p> <p>3. To inculcate the skill of satellite image interpretation among the students</p>	<p>After the successful completion of the course the students will be able to:</p> <p>1) Obtain knowledge about the concepts of Remote sensing</p> <p>2) Acquire skills in visual interpretation of satellite images</p>
		AEC- Environmental Science -I	<p>1. To acquaint the students with basic concepts of environment.</p> <p>2. To aware the students with various types of environmental issues.</p> <p>3. To make the students go for remedies on environment issues.</p>	<p>1. Students will be getting acquainted with the basic concepts of environment.</p> <p>2. Students will be aware of various types of environmental issues.</p> <p>3. Students will be able to give remedies on environment issues</p>
		AEC- Environmental Science -II	<p>1. To acquaint the students with basic concepts of environment.</p> <p>2. To aware the students with various types of environmental</p>	<p>1. Students will be getting acquainted with the basic concepts of environment.</p> <p>2. Students will be aware of various types of</p>

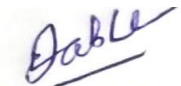
			<p>issues.</p> <p>3. To make the students go for remedies on environment issues.</p>	<p>environmental issues.</p> <p>3. Students will be able to give remedies on environment issues</p>
3	T.Y.B.A. Geography	G-3: Regional Geography of India	<p>1. To understand the physical characteristics of India.</p> <p>2. To understand the cultural characteristics of India.</p> <p>3. To sensitize the students with development issues and policies and programmes design for regional development.</p>	<p>1. Students can understand the physical characteristics of India.</p> <p>2. Students can understand the cultural characteristics of India.</p> <p>3. Students will be sensitized with development issues and policies and programmes designed for regional development.</p>
		S-3: Agricultural Geography	<p>i. To introduce the students to the basic principles and concepts in Agriculture Geography</p> <p>ii. To acquaint the students with the applications of Agriculture Geography in different areas and development.</p> <p>iii. The main aim is to integrate the various factors of Agriculture development and to acquaint the students about this dynamic aspect of Agriculture</p>	<p>Upon successful completion of this course, the student will be able to:</p> <p>1. Students will understand the basic principles and concepts in Agriculture Geography</p> <p>2. Students will get acquainted with the applications of Agriculture Geography in different areas and development.</p> <p>3. Students will be get acquainted with the dynamic aspect of</p>

		Geography	Agriculture Geography
	S-4: Techniques in Spatial Analysis	<p>1. To introduce the students with SOI toposheets and to acquire the knowledge of toposheet reading/interpretation.</p> <p>2. To familiarize the students with the weather instruments and their applications in geographical phenomena.</p> <p>3. To acquaint the students with IMD weather maps and to gain the knowledge of weather map reading/interpretation.</p> <p>4. To train the students in elementary statistics as an essential part of geography.</p> <p>5. To create awareness about GIS among the students.</p>	<p>1. Students will know the SOI toposheets and they will learn the toposheet reading/interpretation.</p> <p>2. Students will be familiarized with the weather instruments and their applications in geographical phenomena.</p> <p>3. Students will get acquainted with IMD weather maps and to gain the knowledge of weather map reading/interpretation.</p> <p>4. Students will be trained in the elementary statistics as an essential part of geography.</p> <p>5. Students will be aware of GIS.</p>
T. Y. B. A. Geography (2020-21 Pattern)	Geography of Tourism-I (CC1E)	<p>1) To understand the history of Tourism</p> <p>2) To introduce the students to the basic concepts in Tourism Geography.</p> <p>3) To understand the types of Tourism</p> <p>4) To gain knowledge different aspects of Tourism Geography.</p>	<p>1) Students understood the history of Tourism</p> <p>2) The basic concepts in Tourism introduced to the students of Geography.</p> <p>3) Students understand the types of Tourism</p> <p>4) Students gained knowledge different aspects</p>

			of Tourism Geography.
	Geography of Tourism –II (CC1F)	<ol style="list-style-type: none"> 1. To understand the history of Tourism 2. To introduce the students to the basic concepts in Tourism Geography. 3. To understand the types of Tourism 4. To gain knowledge different aspects of Tourism Geography. 	<ol style="list-style-type: none"> 1. Students understood the history of Tourism 2. The basic concepts in Tourism Geography were introduced to the students. 3. Students understood the types of Tourism 4. They gained knowledge different aspects of Tourism Geography.
	Geography of India –I (DSE 1 C)		
	Geography of India –II (DSE 1D)	<ol style="list-style-type: none"> 1. To acquaint the students with geography of our Nation. 2. To make the student aware of the magnitude of problems and Prospects at National level. 3. To help the students to understand the inter relationship between the subject and the society. 4. To help the students to understand the recent trends in regional studied 	<ol style="list-style-type: none"> 1. The Students were acquainted with geography of our Nation. 2. The students were made aware of the magnitude of problems and Prospects at National level. 3. It helped the students to understand the inter relationship between the subject and the society. 4. It helped the students to understand the recent trends in regional studied
	Practical Geography – I (Techniques of Spatial Analysis) DSE	<ol style="list-style-type: none"> 1. To introduce the students with SOI top sheets and to 	<ol style="list-style-type: none"> 1. Students will know the SOI top sheets and they

2 C	<p>acquire the knowledge of top sheet reading/ interpretation.</p> <p>2. To familiarize the students with the weather instruments and their applications in geographical phenomena.</p> <p>3. To acquaint the students with IMD weather maps and to gain the knowledge of weather map reading/ interpretation.</p> <p>4. To train the students in elementary statistics as an essential part of geography.</p> <p>5. To create awareness about GIS among the students.</p>	<p>will learn the top sheet reading/ interpretation.</p> <p>2. Students will be familiarized with the weather instruments and their applications in geographical phenomena.</p> <p>3. Students will get acquainted with IMD weather maps and to gain the knowledge of weather map reading/ interpretation.</p> <p>4. Students will be trained in the elementary statistics as a essential part of geography.</p> <p>5. Students will be aware of GIS.</p>
<p>Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion / Village / Project Report) DSE 2D</p>	<p>1. To introduce the students with SOI top sheets and to acquire the knowledge of top sheet reading/ interpretation.</p> <p>2. To familiarize the students with the weather instruments and their applications in geographical phenomena.</p> <p>3. To acquaint the students with IMD weather maps and to gain the knowledge of weather map reading/ interpretation.</p>	<p>1. Students will know the SOI top sheets and they will learn the top sheet reading/ interpretation.</p> <p>2. Students will be familiarized with the weather instruments and their applications in geographical phenomena.</p> <p>3. Students will get acquainted with IMD weather maps and to gain the knowledge of weather map reading/</p>

	<p>4. To train the students in elementary statistics as an essential part of geography.</p> <p>5. To create awareness about GIS among the students.</p>	<p>interpretation.</p> <p>4. Students will be trained in the elementary statistics as a essential part of geography.</p> <p>5. Students will be aware of GIS.</p>
Research Methodology – I (SEC 2C)	<p>1. To develop the understanding of the basic concept of research</p> <p>2. To develop the understanding of the basic framework of sampling and data collection</p> <p>3. To develop the understanding of various sampling methods and techniques</p>	<p>1. The Students understanding of the basic concept of research was developed.</p> <p>2. The Students understanding of the basic framework of sampling and data collection was developed.</p> <p>3. The Students understanding of the various sampling methods and techniques was developed.</p>
Research Methodology – II (SEC 2 D)	<p>1. To identify various sources of information for data collection.</p> <p>2. Understanding of the conducting survey on various issues and develop the Report writing skill of students</p>	<p>1. The students identified various sources of information for data collection.</p> <p>2. The understanding of the conducting survey on various issues and developed the Report writing skill of students</p>


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

Name of the Department: History
Program Objectives/ Outcomes
Programs offered: B.A.History


B.A. History

Sr. No.	Programme	Programme Specific Outcome
1	B.A. History	1. To develop student's creativity.
		2. To make students understand the importance of history.
		3. To inform students about historical architecture.
		4. To make students understand the importance of history. Providing employment opportunities to students in social media .

Courses offered:History

Sr.No	Class	Course	Course Outcomes
1	F.Y.B.A.	Early India: From Prehistory to the Age of the Mauryas G-1 (2019 Pattern) (Sem : I)	1. To inform students about historical architectureIt is also intended to promote academic progress in the field of key Indian history.
			2. To create interest in history among students.
			3. History of Central India is a very important part of Indian history as a whole.
			4.To create interest in history among students. Studies include politics, history, art, literature, science, religion, science and technology. Acknowledging the contribution of early Indians to this important cause
2		Early India: Post Mauryan Age to the Rashtrakutas G1 (2019 CBCS) (Sem:II)	1. To introduce students to early India
			2. After a long period of time, the Prophet It is prepared with the aim of giving a brief introduction to the history of the state.
			3. Political Condition To assess the impact of alienation on culture, society, art and culture. The latter has arrived.
			4.The theme of promoting such growth in history has also been discussed.
3	S.Y.B.A.	History of the Marathas: (1630-1707) (2021 Pattern) (Sem : I)	1. Student will develop the ability to analyse sources for Maratha History.
			2. . Student will learn significance of regional history and political foundation of the region.
			3.It will enhance their perception of 17th century Maharashtra and India in context of Maratha history.
			4. Appreciate the skills of leadership and the administrative system of the Marathas.
4	S.Y.B.A.	History of the Marathas: (1707-1818)	1.Students will be able to analyze the Marathas policy of expansionism and its consequences .
			2. They will understand the role played by the Marathas in the 18th century India.
			3. They will be acquainted with the art of diplomacy in the Deccan region.
			4.It will help to enrich the knowledge of the administrative skills and profundity of diplomacy

5	T.Y.B.A.	Indian National Movement (1885-1947) (2020-21) Pattern (Sem : I)	1. It will enable students to develop an overall understanding of Modern India.
			2. It will increase the spirit of healthy Nationalism, Democratic Values and Secularism among the Students.
			3. Students will understand various aspects of the Indian Independence Movement and the creation of Modern India.
6	T.Y.B.A.	India After Independence- (1947-1991) (2020-21) Pattern (Sem:II)	1. It will enable students to develop an overall understanding of the Contemporary India.
			2. To increase the spirit of healthy Nationalism, Democratic Values and Secularism among the students.
			3. Students will understand various aspects of India's domestic and foreign policies that shaped Post-Independence India.
7	F..Y.B.A.	Democracy Election And Governance (2021-2022) (Sem:II)	1. Students should get information about Indian Constitution
			2. Students should be aware of the basic rights and duties.
			3. Students should get information about Indian Constitution.
			4. Students should get information about the election process.
			5. Students should understand the difference between democracy and dictatorship.
			6. Students should understand the history of Panchayati Raj institutions in the post-independence era.
8	F.Y.Bcom	Democracy Election And Governance (2021-2022) (Sem:II)	1. Students should get information about Indian Constitution
			2. Students should be aware of the basic rights and duties.
			3. Students should get information about Indian Constitution.
			4. Students should get information about the election process.
			5. Students should understand the difference between democracy and dictatorship.
			6. Students should understand the history of Panchayati Raj institutions in the post-independence era.
9	F.Y.Bsc	Democracy Election And Governance (2021-2022) (Sem:II)	1. Students should get information about Indian Constitution
			2. Students should be aware of the basic rights and duties.
			3. Students should get information about Indian Constitution.
			4. Students should get information about the election process.
			5. Students should understand the difference between democracy and dictatorship.
			6. Students should understand the history of Panchayati Raj institutions in the post-independence era.


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Department of Commerce

Course Outcomes and Program Specific Outcomes

Program offered : F.Y.B.Com

Sr. No.	Program	Course Outcomes	Program Specific Outcomes
1	Financial Accounting	1. To impart the knowledge of various accounting concepts.	1. After completion of this course students will aware about various accounting concepts and accounting standards.
		2. To instill the knowledge about accounting procedure, methods and techniques	2. Students will aware about the basic course in tally.
		3. To acquaint them with practical approach to accounts writing by using software package.	3. Students will get ideas about the various accounting concepts like Single Entry, dissolution, conversion and the basic concepts related royalty.
			9. Analyze compression techniques and file formats to determine effective ways of securing, managing, and transferring data.
2	Computer Concept and Application	1. To make the students familiar with Computer environment.	On completion of the course students should be able to:
		2. To make the students familiar with the basics of Operating System and business communication	1. Use technology ethically, safely, securely, and legally.
		3. To make the students familiar with basics of Network, Internet and related concepts.	2. Identify and analyze computer hardware, software, and network components.
		4. To make awareness among students about applications of Internet in Commerce.	3. Design basic business web pages using current HTML/CSS coding standards.
		5. To enable students to develop their own web site.	4. Install, configure, and remove software and hardware.
			5. Use systems development, word-processing, spreadsheet, and presentation software to solve basic information systems problems.
			6. Apply standard statistical inference procedures to draw conclusions from data.

			7. Retrieve information and create reports from relational databases.
			8. Make intelligent computer purchase decisions.
			9. Analyze compression techniques and file formats to determine effective ways of securing, managing, and transferring data.
3.	Fundamental Marketing	1. To create awareness about market and marketing	1. After completion of the program students are understand the basic knowledge of market and marketing.
		2. To establish link between commerce and marketing	2. Students are understand the marketing philosophy and able to generate ideas about marketing research
		3. To understand the basic concept of marketing	3. After getting the knowledge of marketing students are able to plan the marketing strategy
		4. To understand marketing philosophy and generating ideas for marketing research	
		5. To know the relevance of marketing in modern competitive world	
		6. To develop an analytical ability to plan for various marketing strategy	
4.	Fundamental Banking	1. To acquaint the students with the fundamentals of banking.	1. 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.
		2. To develop the capability of students for knowing banking concepts and operations	2. 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.
		3. To make the students aware of banking business and practices.	
		4. To give thorough knowledge of banking operations.	
		5. To enlighten the students regarding the new concepts introduced in the banking system	

Program offered: S.Y.B.Com

Sr. No.	Program	Course Objectives	Program Specific Outcomes
1.	Business Communication	1.To understand the concept, process and importance of communication.	1. Apply business communication strategies and principles to prepare effective communication for domestic and international business situations.
		2.To develop awareness regarding new trends in business communication.	2. Identify ethical, legal, cultural, and global issues affecting business communication.
		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.	4. Participate in team activities that lead to the development of collaborative work skills.
			5. Select appropriate organizational formats and channels used in developing and presenting business messages.
			6. Compose and revise accurate business 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	2. Students will aware about accounting standard and computerized accounting practices.
		3. To enable the students to develop skills about accounting standards	
3.	Business Management	1· To provide basic knowledge & understanding about business management concept.	1. After studying this subject student will able to understand the basic concepts regarding the business management
		2· To provide an understanding about various functions of management.	2. Students will able to understand the functions of management and its applications.

4.	Elements of Company Law	1·To impart students with the knowledge of fundamentals of Company Law.	1. Students will able to understand the basics of company law and its applications
		2·To update the knowledge of provisions of the Companies Act of 2013.	2.To understand the various amendments made in the company act 2013.
		3· To apprise the students of new concepts involving in company law regime.	3.After getting the knowledge students will able to work out as per company act 2013.
		4· To acquaint the students with the duties and responsibilities of Key Managerial Personnel.	
		5· To impart students the provisions and procedures under company law.	
5.	Business Administration I	1.To provide basic knowledge about various forms of business organizations	1.After studying this students will got the knowledge about various business entities like sole traders, partnership, co-operative and company
		2.To acquaint the students about business environment and its implications thereon.	2.Students will aware about the environmental effects of various factors on the business.
		3. To aware them with the recent trends in business	
6.	Banking and Finance I	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
		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	3. After the study students will aware about the Reserve Bank Of India and its Role and Functions.

Program offered: T.Y.B.Com

Sr. No.	Program	Course Objectives	Program Specific Outcomes
1.	Business Regulatory Framework	1. To acquaint students with the basic concepts, terms & provisions of Mercantile and Business laws	1. After studying this students will able to understand the basic concepts of law in respect of mercantile and business
		2. To develop the awareness among the students regarding these laws affecting business, trade, and commerce.	2. After the study students will aware about the effects of this law on the business.
2.	Advanced Accounting	1· To impart the knowledge of various accounting concepts	1. Students will able to understand the various accounting concepts
		2· To instill the knowledge about accounting procedures, methods and techniques.	2. Students will able to follow the computerized accounting practices
		3· To acquaint them with practical approach to accounts writing by using software package.	3. They will able to clear the accounting standard and its applications
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
		2· To get knowledge about preparation of Audit report.	2. They will liable to make 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 assessee.
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

			3. Applications of functions of Business Enterprises.
5.	Business Administration III	1. To acquaint the students with the basic concepts in finance and production functions of a business enterprise.	1. Students will understand the basic function of finance and various function of production department
6.	Banking and Finance II	1. To acquaint the students with Financial Markets and its various segments.	1. Students will aware about the various segments of financial markets and its applications
		2. To give the students and understanding of the operations and developments in financial markets in India.	2. Students will able to play actual role in the financial institutions in the Indian Economy
		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 system in India	1. Students will understand the legal aspects of the banking transactions and its applications
		2. To understand the legal aspects of Banking transactions and its implications as Banker and Customer.	2. Students will aware about banking law and practice in India
		3. To make the Students aware of the Banking Law and Practice in India	

MASTER OF Commerce	
PROGRAM: M.Com.	
Program Outcomes	PO-1. To equip and train Post Graduate students to accept the challenges of business world by providing opportunities for study and analysis of advanced commercial and business methods and processes.
	PO-2. To develop independent logical thinking and facilitate personality development.
	PO-3. To equip the students to seek suitable careers in management and entrepreneurship.
	PO-4. To acquaint students with significance of research in business
Program Specific Outcomes	PSO-1. To impart skills regarding methods of data collection and their interpretations.
	PSO-2. To develop communication and analytical skills among students.
	PSO-3. To emphasis on industry interaction to enable the learners to take up professional challenges more effectively at master level.
	PSO-4. The choice based credit system offers a cafeteria approach where the students have the liberty to choose courses of their own choice at master level.


Course Outcomes M. Com. I (Sem-I) (CBCS- 2019)	
Course Code: 101 Course Name: Management Accounting	CO 1: To enhance the abilities of learners to develop the concept of management accounting and its significance in the business.
	CO 2: To enhance the abilities of learners to analyze the financial statements.
	CO 3: To enable the learners to understand, develop and apply the techniques of management accounting in the financial decision making in the business corporates.
	CO 4: To make the students develop competence with their usage in managerial decision making and control
Course Code: 102 Course Name: Strategic Management	CO 1: To introduce the students to the emerging changes in the modern business environment
	CO 2: To develop the analytical , technical and managerial skills of students in the various areas of Business Administration
	CO 3: To empower to students with necessary skill to become effective future managers and leaders
	CO 4: To develop Technical skills among the students for designing and developing effective Functional strategies for growth and sustainability of business
Course Code: 113 Course Name: Production Operation Management	CO 1: To understand and develop deep insight of Production & Operation Management
	CO 2: To understand & identity business problems involving operational function, planning and control, design development and quality management.
	CO 3: Demonstrate awareness and importance of application, operation and supply chain management.
	CO 4: To develop skills necessary to effectively analyze and synthesize the many inter relationship inherent in complex socio-economic productive systems
Course Code: 114 Course Name: Financial	CO 1: To acquaint the student with knowledge of various Financial Management terminologies (Investment ,Credit Planning , Working Capital Management

Management	CO 2: To understand the concepts relating to Financing & Financial Statement Analysis
	CO 3: To utilize the information gathered to reach an optimum conclusion by a process of reasoning
	CO 4: To enable the students to use their learning to evaluate , make decisions and provide recommendations Depth of the program – Fundamental Knowledge
	Sem II
Course Code: 201 Course Name: Financial Analysis and Control	CO 1: To enable the students to acquire knowledge of financial analysis and control tools
	CO 2: To Make appropriate application and uses of financial analysis and control
	CO 3: Understanding basics of financial analysis.
	CO 4: To gain knowledge of practically comparing financial results of different years and different companies.
Course Code: 202 A Course Name: Industrial Economics	CO 1: To provide the knowledge to the students about the basic issues of industrial economics.
	CO 2: To make aware the students about the industrial profile of India and the industrial policy of government of India.
	CO 3: To make the students understand concepts of industrial economics
	CO 4: To help the students know theories of industrial economics
Course Code: 213 Course Name: Business Ethics and Professional Values	CO 1: To raise the students general awareness on the ethical dilemmas at work place
	CO 2: To understand the differing perceptions of interest in business related solutions
	CO 3: To present the concept of Corporate Social Responsibility and explore its relevance to ethical obligations and ethical ideals present in the relationship between employers and employees
	CO 4: To investigate whether ethics set any boundaries on competition , marketing, sales and advertising
Course Code: 214 Course Name: Knowledge Management	CO 1: To develop Analytical and Research oriented skills among the students.
	CO 2: To understand value application and relevance of Knowledge management in today's corporate world.
	CO 3: To promote research and innovation ideas based on Knowledge Management.
	CO 4: To enhance knowledge level and practice of linking theoretical background with applied Social Science.

M.Com. II Sem III	
Course Code: 301 Course Name: Business Finance	CO 1: To acquaint the students with corporate finance required for Indian Industries.
	CO 2: To make the students aware about the latest developments in the field of corporate finance.
	CO 3: To enable the students to understand the traditional theories of capitalization and dividend distribution practices.
	CO 4: To give detail exposure of working capital management practice of finance to students Skills to be developed:
Course Code: 302 Course Name: Research Methodology for Business	CO 1: To acquaint the students with the areas of Business Research Activities
	CO 2: To enhance capabilities of students to conduct the research in the field of business and social sciences
	CO 3: To enable students in developing the most appropriate methodology for their research studies
	CO 4: To make them familiar with the art of using different research methods and techniques
Course Code: 313 Course Name: Human Resource Management	CO 1: To understand the basic concepts of Human Resource Management and changing role of HRM in business.
	CO 2: To impart adequate knowledge and analytical skills in the field of HRM, HRP and development, Recruitment and Selection Process.
	CO 3: To understand the concepts of Training and Development, Performance Appraisal and Merit Rating.
	CO 4: To expose the students to the concept, significance and uses of the concepts like Retirement/ Retrenchment Strategies and Recent Trends in HRM
Course Code: 314 Course Name: Organizational Behavior	CO 1: To make the students understand various concepts of organization behaviour
	CO 2: To provide in depth knowledge about process of formation of group behaviour in an organization set up
	CO 3: To know the motivational process and emotional intelligence.
	CO 4: To understand the concept of stress and conflict and effects of work culture
M.Com. II Sem IV	
Course Code: 401 Course Name: Capital market and Financial Services	CO 1: To acquaint the students with working of capital market.
	CO 2: To make the students aware about the latest developments in the field of capital market in India.
	CO 3: To enable the students to understand various transactions in stock exchanges and agencies involved in it.
	CO 4: To give exposure of financial services offered by various agencies and financial adviser to students.
Course Code: 402 Course Name: Industrial Economics Environment	CO 1: To provide knowledge about basic issues in Industrial Economic Environment to students.
	CO 2: To make students aware about Industrial pattern and growth in India and Industrial policies of India since independence.
	CO 3: To study the progress and current problems of major industries in India.
	CO 4: To understand the concept of Economic Environment & its Constituents.

Course Code: 413 Course Name: Recent Advances in Business Administration	CO 1: . To familiarize the students with the recent advancements in business administration
	CO 2: To develop an understanding about tools and their application in the business.
	CO 3: To understand the basic concepts of Change Management and their approaches.
	CO 4: To impart adequate knowledge and analytical of cross cultural Management.
Course Code: 414 Course Name: Project Work	CO 1: The students will aware about research
	CO 2: To track the current progress of the project
	CO 3: Reporting on risks also makes it easier for the team to work on the problem.
	CO 4: Information provided by project reporting on completed tasks can inform future actions.




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Department of Zoology

Course Outcomes and Program Specific Outcomes

Sr. No.	Programme	Course Outcome	Programme Specific Outcome
1	<i>B.Sc. Zoology</i>	<ol style="list-style-type: none">1. To learn the diagnostic characters of different phyla through brief studies of examples.2. To help students build-up a progressive and successful career in Zoology3. To create basic knowledge about cell and its organelles4. The student will be able to understand classify and identify the diversity of animals.5. The working in nature to save environment will help development of leadership skills to promote betterment of environment6. Describe importance biology and management of bees. Silkworm. Fisher7. Getting an overview of typical examples in each phyla8. Apply knowledge on bee biology and management to the development of the bee and Sericulture industry in tropical environment.	<ol style="list-style-type: none">1. After completion of program, students will be able to have in-depth knowledge of basic concepts in Zoology.2. Students develop aptitude of doing research through undertaking small projects.3. Student will have set his foundation to pursue higher education in Zoology.4. After completing the program student will have developed interdisciplinary approach and can pursue higher studies in subjects other than Zoology


Program offered: F.Y.B.Sc

Sr. No.	Class	Course	Course Outcome
1	F.Y.B.Sc	Zoology-I: ZO-111 and 121- Animal Diversity I & II (2019 Pattern)	<ol style="list-style-type: none"> 1. The student will be able to understand classify and identify the diversity of animals. 2. The student understands the importance of classification of animals and classifies them effectively using the six levels of classification. 3. 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.
2	F.Y.B.Sc	Zoology -II: ZO-112 and 122- Animal Ecology and Cell Biology (2019 Pattern)	<ol style="list-style-type: none"> 1. 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. 2. To understand anticipate, analyse and evaluate natural resource issues and act on a lifestyle that conserves nature. 3. The Learner understands and appreciates the diversity of ecosystems and applies beyond the syllabi to understand the local lifestyle and problems of the community. 4. The learner will be able to link the intricacies of food chains, food webs and link it with human life for its betterment and for non-exploitation of the biotic and abiotic components. 5. The working in nature to save environment will help development of leadership skills to promote betterment of environment 6. The learner will understand the importance of cell as a structural and functional unit of life. 7. The learner understands and compares between the prokaryotic and eukaryotic system and extrapolates the life to the aspect of development. 8. The dynamism of bio membranes indicates the dynamism of life. Its working mechanism and precision are responsible for our performance in life.
3	F.Y.B.Sc	Practical Course-III: ZO- 113 and 123- Practical (2019 Pattern)	<ol style="list-style-type: none"> 1. To understand the Animal diversity around us. 2. To understand the underlying principles of classification of Animals. 3. To understand the terminology needed in classification. 4. To understand the differences and similarities in the various aspects of classification. 5. 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. 6. The cellular mechanisms and its functioning depend on endo-membranes and structures. They are best studied with microscopy.
4	F.Y.B.Sc	Certificate Course Sericulture	<ol style="list-style-type: none"> 1. We get to learn about the various skills that are necessary for self employment in the mulberry and seed production. 2. Course gives us employment and job opportunities in the

			public, private and government sector. 3. Knowledge about the cultivation of mulberry, maintenance of the farm, seed technology, silkworm rearing and silk reeling.
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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 style="list-style-type: none"> 1. Compare and contrast asymmetry, radial symmetry and bilateral symmetry. 2. Student will be able to differentiate between chordate and non chordate. 3. Understanding the basics of systematic by learning the diagnostic and general characters of various groups 4. Getting an overview of typical examples in each phyla
2	S.Y.B.Sc	Course-II ZY-222- Applied zoology- I and II	<ol style="list-style-type: none"> 1. Describe importance biology and management of bees. Silkworm. Fisher 2. Apply knowledge on bee biology and management to the development of the bee and Sericulture industry in tropical environment.
3	S.Y.B.Sc	Practical Course-ZY-223- Practical	<ol style="list-style-type: none"> 1. Student will be able to identify and classify the given animal. 2. Explain the process of growth and development in individuals and population. 3. 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 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.	1.To provide thorough knowledge about various plant groups from primitive to highly evolved.
		2. Effective Communication: the complete medium of program is in English so as to make students communicate in the same.	2.To make the students aware of applications of different plants in various industries.
		3.Social Interaction: Due to frequent field visits in the interior parts students interact with the rural, tribal peoples will increase.	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 2. To make the students aware about conservation and sustainable use of plants 3. To create foundation for further studies in Botany 4. To address the socio-economical challenges related to plant sciences
		4.Effective Citizenship: Being the botanist students have to communicate with number of people, so that it makes them more familiar as well as interactive	1. To facilitate students for taking up and shaping a successful career in Botany
		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)	1. To provide thorough knowledge about various primitive to highly evolved plant groups.
2	F.Y.B.Sc	Botany-II: BO-112- Industrial Botany (2013 Pattern)	1. To make the students aware of applications of different plants in various industries. 2. To highlight the potential of these studies to become an entrepreneur.
3	F.Y.B.Sc	Practical Course-III: BO- 113- Practical (2013 Pattern)	1. 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.
4	F.Y.B.Sc	Botany -I: BO- 111and 121- Plant life & Utilization I & II (2019 Pattern)	1. Recognize the major groups of non-vascular plants 2. Understand the diversity among the non-vascular plants 3. At ease with the general features, classification, and life cycle patterns in non-vascular plants 4. Distinguish the major groups of vascular plants 5. Understand the diversity among the vascular plants 6. At ease with the general features, classification, and life cycle patterns in vascular plants 7. Know the economic and ecological importance of vascular plants
5	F.Y.B.Sc	Botany II: BO-112 and 122- Plant morphology & Anatomy and Principle Plant Science (2019 Pattern)	1. Understand plant morphology 2. Understand basics of floral morphology 3. Understand how plant morphology relates to plant reproduction 4. Understand significance of morphological modifications of plant parts 5. Identify various plant tissues and tissue systems 6. Understand the relation between form, structure and function of plant organs 7. Differentiate between stem and root on the basis of internal organization
6	F.Y.B.Sc	Practical Course-III: BO- 113 and 123- Practical (2019 Pattern)	1. Distinguish between different plant groups 2. Make a thorough background for a course on Plant Systematics

Program offered: S.Y.B.Sc

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	1. To provide thorough knowledge about various highly evolved plant groups and their community structure 1. Internal structure will be observed for further studies as well as to study the developmental pattern of plant
2	S.Y.B.Sc	Course-II BO-212 & 222 : Plant Physiology & Plant Biotechnology	1. To study the different metabolic process for synthesis of food material. 1. To study the techniques of multiplication and Nano techniques
3	S.Y.B.Sc	Practical Course- Bo- 223- Practical	1. To equipped the students with skills related to laboratory as well as field based studies.


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DEPARTMENT OF PHYSICS

Course Objectives F. Y. B. Sc

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

	Ampere's Circuital laws.
	To study magnetic materials and its properties.
	To demonstrate quantitative problem solving skills in all the topics covered.
PHY-123 Physics Laboratory-IB	To understand the heat and thermodynamics and electricity and magnetism experimentally
	To acquire the complementary skills of collaborative learning and teamwork in laboratory settings.


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**Arts, Commerce, Science and Computer Science College, Ashvi Kd.
Department of Chemistry**

M.Sc. Chemistry: Program Outcomes (PO's)

1. Broaden student's professional foundations through activities such as teaching, internship & fellowships.
2. Enable students to communicate scientific results in writing & in oral presentation.
3. Acquire the basic tools needed to carry out independent research.
4. Make students proficient in their specialized area of chemistry & successfully complete an advanced research project.
5. Explain why chemistry is an integral activity for addressing social, economic & environmental problems.
6. Develop skills in problem solving, critical thinking & analytical reasoning as applied to scientific problems.

Program Specific Outcomes (PSO's)

1. Get and apply basic knowledge of the various aspects of Chemistry in real life Situations
2. Understand the experimental skills, designs and their implementation in novel synthetic methods.
3. Develop an aptitude towards academic and professional skills; understand the basic concepts of structural elucidation with hyphenated techniques in Chemistry.
4. Familiarize with fundamental biological processes and create rationale towards computer assisted drug designing.

Course Outcomes (CO's)

Name of the Class	Course Code	Course Title	Course Outcomes	
SEMESTER I				
M.Sc. I	CCTP-1 CHP-110	Physical Chemistry-I (Fundamentals of Physical Chemistry)		After successfully completion of the course, students will be able to:
			CO1	To know Thermodynamics parameters at different conditions.
			CO2	Explain the applications of colligative properties.
			CO3	Explain the applications of quantum chemistry.
			CO4	Explain Types of hybridization, Valence bond theory and Molecular orbital theory.
			CO5	Explain the Huckel theory and its applications to simple π -systems.
			CO6	Basic concept of rate law equation for different order reactions.
			CO7	Kinetics of consecutive reactions and parallel reactions
			CO8	Explain diffusion controlled and activation controlled reaction in solution
			CO9	Explain the kinetics of Enzyme catalyzed reactions
			CO10	Derive the Michaelis-Menten equation in enzyme catalysis
			CO11	Differentiates between Competitive and non-competitive inhibition.
			CO12	Explains the Molecular energy levels
			CO13	Discuss the Boltzmann distribution law, partition functions and ensembles
			CO14	Explains the Fermi-Dirac and Bose-Einstein statistics.
CO15	obtains energy, heat capacity, entropy and equilibrium constants from partition functions			
M.Sc. I	CCTP-2: CHI-130	Inorganic Chemistry-I		After successfully completion of the course, students will be able to:
			CO1	Able to imagine molecules in 3D mode.
			CO2	To understand the concept of symmetry and able to pass various symmetry elements through the molecule.
			CO3	Understand the concept and point group and apply it to molecules.
CO4	To apply the concept of point group for determining optical activity and dipole			

				moment.
			CO5	To understand product of symmetry operations.
			CO6	Student able to find out character for reducible representation.
			CO7	To know about projection operator.
			CO8	Apply projection operator to find out the normalized wave function for atomic orbital
			CO9	Student should correlate the application of symmetry to spectroscopy.
			CO10	From the previous knowledge of symmetry student must able to find out which mode are IR active.
			CO11	Student should understand the detail chemistry of S and P block elements w.r.t. their compounds, their reactions and applications.
			CO12	To learn the advance chemistry of boranes, fullerene, zeolites, polymers etc.
			CO13 CO14 CO15 CO16	Organometallic chemistry of some important elements from the main groups and their applications
M.Sc. I	CCTP-3:CHO-150	Organic Chemistry-I	CO1	At the end of the course the students will know:
				The fundamental principles of organic chemistry that include chemical bonding, nomenclature, structural isomerism, stereochemistry, chemical reactions, reagent specificity and mechanism.
			CO2	They will understand the criteria for aromaticity in non-benzenoid molecules and other advanced polycyclic aromatics
			CO3	Understand the chemistry of monocyclic heterocycles, nomenclature and reactions
			CO4	Learn the concept stereochemistry and its importance; their rules and the concept of chirality.
			CO5	Understand the role of various reaction intermediates like carbocation, carbanion, carbenes, radicals, and nitrenes in organic reactions; concept of NGP.
			CO6	Able to predict mechanism of different rearrangement reactions. Appreciates the

				various steps involved in the molecular rearrangements and able to know application.
			CO7	Understand the chemistry of Ylides and their application .
			CO8	Use synthetic reagent of oxidation and reduction for solving the problems
			CO9	To understand some fundamental aspects of organic chemistry, to learn the concept aromaticity, to understand the various types of aromaticity.
			CO10	To study heterocyclic compound containing one and two hetero atoms with their structure, synthesis and reactions.
			CO11	To learn stereochemistry of organic compounds; able to do interconversion of Fischer to Newmann, Newmann to Sawhorse and vice versa, Able to assign R and S to given molecules; understand stereoselective and stereospecific reactions; acquire knowledge on topicity.
			CO12	To study structure, formation, stability and related name reaction of intermediates like Carbocation, Carbanion, Free Radical, Carbenes and nitrenes; Recognize neighboring group Participation.
			CO13	To study rearrangement reaction with specific mechanism and migratory aptitude of different groups.
			CO14	To study Ylides and their reaction.
			CO15	To understands the basis of redox reaction; acquire knowledge about the reagents which causes selective oxidation
			CO16	reduction in various compounds; learn the basic mechanism of oxidation / reduction in organic compounds.
M.Sc. I	CBOP-1: CHG – 190	General Chemistry-I	CO1	The goal of this course is to introduce students to fundamental concepts in Chemical Biology and methods of chemistry used to solve problems in molecular and cell biology. After completion of this course, successful students will .
			CO2	Students will be able to explore new areasof research in both chemistry and allied fields of science and technology.

			CO3	Students will be able to function as a member of an interdisciplinary problem solving team.
			CO4	To impart the students thorough idea in the chemistry of carbohydrates, amino acids, proteins and nucleic acids etc.
			CO5	Be able to describe the chemical basis for replication, transcription, translation and how each of these central processes can be expanded to include new chemical matter.
			CO6	Develop skills to critically read the literature and effectively communicate research in a peer setting.
M.Sc. I	CCPP-1: CHP-107	Practical Course – I	CO1	Students will know the fundamental principles of organic chemistry that include research and development , further
			CO2	Determination of an order of a reaction.
			CO3	Application of Colorimetry and spectrophotometry.
			CO4	Study of Radioactivity and Detectors such as G. M. counter and its working.
			CO5	Green Chemistry principles and application in organic transformations.
			CO6	Application of few efficient catalyst in the organic reaction.
SEMESTER II				
M.Sc. I	CCTP-4: CHP-210	Physical Chemistry-II	CO1	At the end of the course the students will know and recall the fundamental principles of physical chemistry and inorganic chemistry oriented reactions and effects of parameters, in addition to

				this student would be skilled in understanding
			CO2	Types of molecule on the basis of moment of inertia and rotational spectra.
			CO3	Spectroscopic technique such as Infra-red Spectroscopy, breakdown of the Born-Oppenheimer approximation,
			CO4	carbon dioxide laser and Applications.
			CO5	Quantum and classical theory of Raman effect.
			CO6	Electronic Spectroscopy of molecules
			CO7	radioactive decay and its characteristics
			CO8	Process of nuclear fission and fission.
M.Sc. I	CCTP-5: CHI-230	Inorganic Chemistry, Semester – II	CO1	Student should able to find out the no of microstates and meaningful term symbols, Construction of microstate table for various configuration.
			CO2	Hund's rules for arranging the terms according to energy.
			CO3	Student should know the concept of weak and strong ligand field.
			CO4	Student should know basic d-d transition, d-p mixing, charge transfer spectra.
			CO5	Interpretation of electronic spectra for spin allowed oh and td complexes using Orgel diagram.
			CO6	Understand the concept of spectro chemical series and Nephelauxetic series.
			CO7	Various phenomenons of magnetism and their temperature dependence.
			CO8	Various experimental methods to find out magnetic moment.
			CO9	Understand the various Quenching of orbital angular momentum.
			CO10	Understand the various terms involved in magnetochemistry.
			CO11	Should able to solve numerical based on crystal field parameters.
			CO12	Interpretation of electronic spectra for spin allowed oh and td complexes using Orgel diagram
			CO13	Role of metals in Metalloprotein and metalloenzymes.

			CO14	Importance and transport of metal ions
			CO15	Nerve impulse generation in rod cell of retina.
			CO16	Importance and function of Ca, Fe and Mg in metalloprotein.
M.Sc. I	CCTP-6:CHO – 250	Organic Chemistry-II	CO1	Students should able to understand free radicals' formation, stability and reactivity and should also be able to use the basic understanding in writing probable reaction mechanisms.
			CO2	Students should able to write MO diagram for various olefinic compounds and should able to predict the products, the stereochemistry as well as should able to understand the preferred reaction pathways.
			CO3	Students should able to calculate λ absorption maxima of organic compounds for Enone and Diene system containing more than one and less than four conjugated systems. Students should able to correlate IR bands with functional groups using numerical data as well as spectral data .
			CO4	Students should able to solve ¹ H-NMR problems and should also able to draw the ¹ H-NMR spectrum for simple organic compounds mentioning multiplicity pattern and coupling constant with the help of "Tree Diagram" Should able to predict and analyze the multiplicity patterns with more than one coupling constants.
			CO5	Students should able to use ¹³ C-NMR data to interpret the structure NMR problems and should also able to draw the ¹ H-NMR spectrum for simple organic compounds mentioning multiplicity pattern and coupling constant with the help of "Tree Diagram" Should be able to predict and analyze the multiplicity patterns with more than one coupling constants.
			CO6	Students should know various key factors responsible for the spectroscopic data acquisition and should able to solve Problems based on UV, IR, MS, ¹ H-NMR, ¹³ CNMR.

			CO7	MOT and will be able to extend this in predicting reaction mechanism and Stereochemistry of electrocyclic reactions.
			CO8	The concepts in free radical reactions, mechanism and the stereo chemical outcomes
			CO9	The basic principle of spectroscopic methods and their applications in structure elucidation of organic compounds using given spectroscopic data or spectra.
M.Sc. I	CBOP-2: CHG – 290	General Chemistry -II	CO1	The goal of this course is to introduce students to fundamental concepts in Chemical Biology and methods of chemistry used to solve problems in molecular and cell biology. After completion of this course, successful students will:.
			CO2	Students will be able to explore new areas of research in both chemistry and allied fields of science and technology.
			CO3	Students will be able to function as a member of an interdisciplinary problem solving team.
			CO4	To impart the students thorough idea in the chemistry of carbohydrates, amino acids, proteins and nucleic acids etc
			CO5	Be able to describe the chemical basis for replication, transcription, translation and how each of these central processes can be expanded to include new chemical matter.
			CO6	Develop skills to critically read the literature and effectively communicate research in a peer setting.
			CO7	Describe the importance of chemical biology research and interdisciplinary work.
	CCPP-2: CHP-227	Practical Course-II	CO1	This course is designed to make students aware of how to perform organic compounds in laboratory.

			CO2	The course includes synthesis of some derivatives and organic compounds, which will help them while working in research laboratory in future.
			CO3	Making derivatives of organic compounds will help them in industry or while doing research in medicinal chemistry for Drug development.
			CO4	This practical course is also designed to make student aware of green chemistry and role of green chemistry in pollution reduction.
			CO5	The students learn how to avoid solvents and do solvent free reaction.
			CO6	Also the work-up procedure in many experiments is made more eco-friendly to environment.

M.Sc II Analytical chemistry

Course	Outcomes
	After completion of these courses students should be able to:
<u>Semester-III</u>	
CHA-390	CO-1. Study of coulometry, Faraday law, Faraday law.
Electrochemical and Thermogravimetric Method of Chemical Analysis	CO-2. Study of voltametry and paleographic method of analysis, heterodynamic voltametry, plus paleography and cyclic voltametry. CO-3. Study of ampherometry and their applications. CO-4. Learn radio analytical methods of analysis, activation analysis, isotope dilution analysis, radio metric titration. CO-5. Understand thermal methods of analysis TGA, DTA, DSC.
CHA-391 Analytical Method Development and Extraction	CO-1. Study of Assay validation and Inter laboratory Transfer. CO-2. Study of Validation Parameter: Accuracy, Precision, Mean and Standard deviation, calibration response function CO-3. Study of Overview of world-wide regulation CO-4. Study of Dissolution Studies, USP- type I, USP –II
CHA-392 : Advanced Chromatographic Methods Of Analysis	CO-1. Define / understand various terms in chromatography (GC and HPLC) and mass spectroscopy. CO-2. Explain instrumentations in chromatography (GC and HPLC) and mass spectroscopy. CO-3. Explain / describe i) basic principles of chromatography (GC and HPLC) and mass spectroscopy. ii) separation in GC / HPLC column. iii) Functioning and construction of GC /HPLC/ MS detectors. CO-4. Explain /Describe applications chromatography (GC and HPLC) in industry and in analytical laboratory. CO-5. Apply / select particular method / instrumental parameters for analysis for sample GC / HPLC. CO-6. Solve numerical problems on chromatography (GC and HPLC) and mass spectroscopy. CO-7. Integrate GC and HPLC chromatogram, Mass spectrum CO-8. Differentiate among the chromatography

<p>CHA-393 B) Analysis of Food and Controlled Substances</p>	<p>CO-1. Define / understand various terms in food analysis techniques and methods, forensic science and drug substances.</p> <p>CO-2. Explain methods and principles of analysis of i) Food -carbohydrates, proteins, preservatives, ii) drug substances.</p> <p>CO-3. Select appropriate methods of food analysis for its quality.</p> <p>CO-4. Select appropriate methods for identification of drug and analysis of drug from sample.</p> <p>CO-5. Select and describe the parameters required for food quality.</p> <p>CO-6. Solve numerical problems on analysis food and drug substances.</p> <p>CO-7. Interpret food quality and drug substances from analytical results.</p> <p>CO-8. Differentiate among the different methods of analysis of food and drug substances</p>
<p>CHA-394 Analysis of materials</p>	<p>CO-1. Maintain proper record of analytical data in notebook. Observer personal safety in laboratory and able handle all chemicals, instruments, etc safely in laboratory.</p> <p>CO-2. Define / understand various terms involved practical methods of quantitative analysis.</p>
	<p>CO-3. Explain instrumentations of colorimeter, spectrophotometer, photoflurometer, TGA, HPLC, GC, Flame-photometer, CV, AAS, etc.</p> <p>CO-4. Explain / describe basic principles of chromatography different instrumental methods of analysis. Able to handle particular instrument according to SOP.</p> <p>CO-5. Design / modify and validate new analytical method for chemical analysis of particular sample.</p> <p>CO-6. Apply / select particular method / instrumental parameters for analysis of given sample.</p> <p>CO-7. Give mathematical treatment to analytical data and able to interpret the results accurately.</p> <p>CO-8. Verify theoretical principle practically or apply theory to explain practical observations.</p> <p>CO-9. To conclude the results able to take the decision regarding quality of sample.</p> <p>CO-10. Differentiate among the various analytical methods / techniques of chemical analysis.</p>
<p><u>Semester-IV</u></p>	

<p>CHA-490: Advanced Analytical Spectroscopic Techniques</p>	<p>CO-1. Define / understand various terms in atomic absorption, atomic emission, fluorescence, ESR and electron spectroscopy.</p> <p>CO-2. Explain instrumentation of atomic absorption, atomic emission, ICPAES, ICPAES-MS, fluorescence, ESR and electron spectroscopy.</p> <p>CO-3. To describe basic principles of atomic absorption, atomic emission, ICPAES, ICPAES-MS, fluorescence, ESR and electron spectroscopy.</p> <p>CO-4. Select appropriate methods for sample treatment in AAS / AES, ICPAES, ICPAES-MS.</p> <p>CO-5. Explain advantages of ICPAES-MS over AES spectroscopy, fluorescence spectroscopy.</p> <p>CO-6. Solve numerical problems on analysis all these spectroscopic methods.</p> <p>CO-7. Interpret ESR spectra, super hyperfine splitting and g value in ESR, and parameters affecting it</p> <p>CO-8. Calculate theoretical parameters from ESR data and characterize compound.</p> <p>CO-9. Solve problems based on atomic absorption, atomic emission, ICPAES, ICPAES-MS, fluorescence, ESR and electron spectroscopy.</p>
<p>CHA-491 Chemical Methods of Pharmaceuticals Analysis</p>	<p>CO-1. Define / understand various terms in pharmaceutical raw material and finished product analysis.</p> <p>CO-2. Explain various pharmaceutical dosage forms and types of raw materials used.</p> <p>CO-3. To describe basic principles of methods of pharmaceutical analysis according to IP.</p> <p>CO-4. Explain importance particular test in pharmaceutical raw material and finished product analysis.</p>
	<p>CO-5. Perform and explain importance of limit tests, identification tests and microbiological limit test of raw materials and finished products.</p> <p>CO-6. Solve numerical problems on analysis pharmaceutical raw material and finished product analysis.</p> <p>CO-7. Interpret IR spectra, HPLC chromatogram, UV-Visible spectra of pharmaceutical materials.</p> <p>CO-8. To perform total analysis of pharmaceutical raw material and finished product analysis according to IP / BP / USP.</p> <p>CO-9. Standardize analytical instruments according IP /BP/ USP.</p> <p>CO-10. Take a decision on the basis of analytical results regarding quality of raw materials so that material can be accepted for production or rejected.</p>

<p>CHA-492: Analytical Chemistry of agriculture, Polymer and Detergents</p>	<p>CO-1. Define / understand various terms in soil analysis, pesticide residue analysis, detergent analysis and polymer analysis.</p> <p>CO-2. Explain / describe techniques / methods of soil analysis, pesticide residue analysis, detergent analysis and polymer analysis.</p> <p>CO-3. To describe basic principles techniques / method soil analysis, pesticide residue analysis, detergent analysis and polymer analysis.</p> <p>CO-4. Explain importance of soil analysis, pesticide residue analysis, detergent analysis and polymer analysis.</p> <p>CO-5. Choose suitable method / techniques to characterize quality of soli polymer and detergent.</p> <p>CO-6. Describe / explain results of analysis soil, pesticide residue, detergent and polymer.</p> <p>CO-7. Solve numerical problems on analysis soil, pesticide residue, detergent and polymer.</p> <p>CO-8. Draw conclusion regarding soil, detergent and polymer quality from analytical results.</p>
<p>CHA-493 A Practical III Optional Analytical Chemistry Practical</p>	<p>CO-1. Maintain proper record of analytical data in notebook. Observer personal safety in laboratory and able handle all chemicals, instruments, etc safely in laboratory.</p> <p>CO-2. Define / understand various terms involved practical methods of quantitative analysis.</p> <p>CO-3. To analyze organic and inorganic materials using appropriate chemical / instrumental methods</p> <p>CO-4. Explain / describe basic principles of chemical / instrumental methods used for analysis. Able to handle particular instrument according to SOP.</p> <p>CO-5. Perform analysis of sample with described procedure. Able to handle analytical instruments.</p> <p>CO-6. Apply / select particular method / instrumental parameters for analysis of given sample.</p> <p>CO-7. Maintain appropriate reaction conditions as described in procedures.</p>
	<p>CO-8. To perform i) selective analysis of particular component from sample.</p> <p>ii) Analysis at trace level from sample.</p> <p>CO-9. To conclude the results able to take the decision regarding quality of sample.</p> <p>CO-10. To perform calculations and interpret the results.</p>

<p>CHA-493 B Project</p>	<p>CO-1. Maintain proper record of analytical data in note book for research purpose.</p> <p>CO-2. Perform review of literature related to the topic of project work and design the problem for project work.</p> <p>CO-3. Decide and describe methodology for problem to solve proposed problem in the form of project. Decide and perform application of research work.</p> <p>CO-4. To design experiment for research work. Collect the resources, design small equipment, etc. for completion of research work.</p> <p>CO-5. Collect experimental data (raw data) and analyze the data in the perspective of problem. Present data in graphical forms for the conclusive results.</p> <p>CO-6. Use computer as a tool for result analysis, presentation and writing the project.</p> <p>CO-7. To obtain concrete conclusion from the results on the basis of reported theory / research work and analytical results.</p> <p>CO-8. To perform report writing, scientifically.</p> <p>CO-9. To write research project / paper in scientific manner.</p>
<p>CHA-494 Practical III Applied Analytical Chemistry</p>	<p>CO-1. Maintain proper record of analytical data in notebook. Observer personal safety in laboratory and able handle all chemicals, instruments, etc safely in laboratory.</p> <p>CO-2. Define / understand various terms involved practical methods of quantitative analysis.</p> <p>CO-3. To analyze organic and inorganic materials using appropriate chemical / instrumental methods</p> <p>CO-4. Explain / describe basic principles of chemical / instrumental methods used for analysis. Able to handle particular instrument according to SOP.</p> <p>CO-5. Perform analysis of sample with described procedure. Able to handle analytical instruments.</p> <p>CO-6. Apply / select particular method / instrumental parameters for analysis of given sample.</p> <p>CO-7. Maintain appropriate reaction conditions as described in procedures. CO-8. To perform i) selective analysis of particular component from sample. ii) Analysis at trace level from sample.</p> <p>CO-9. To conclude the results able to take the decision regarding quality of sample.</p> <p>CO-10. To perform calculations and interpret the results</p>

M.Sc II Organic Chemistry

SEM- III	
CHO-350: Organic Reaction Mechanism and Biogenesis	<p>CO-1 To understand reaction mechanism</p> <p>CO-2 To study generation, stability, reactivity of free radicals.</p> <p>CO-3 Understand free radical substitution, addition to multiple bonds, radical in synthesis.</p> <p>CO-4 To study linear free energy relationship.</p> <p>CO-5 To study Mono. Sesqui- Di, Tri-terpenoids Student must be able to derive ornithine lysine, Nicotinic acid, tryptophan from alkaloids</p> <p>CO-6 Isolation of alkaloids from the roots of piper nigrum.</p>
CHO-351 Spectroscopic methods in structure determination	<p>CO-1. Study ¹H NMR Spectroscopy: Chemical Shift, deshielding, correlation for protons bonded to carbon and other nuclei.</p> <p>CO-2. Study of ¹³C NMR spectroscopy: FT- NMR, type of ¹³C NMR spectra, proton decoupled, off resonance, APT, INEPT, DEPT, Chemical shift, nuclear and hetero nuclear coupling constant</p> <p>CO-3. 2D NMR techniques: COSY, homo and hetero nuclear 2D resorts spectroscopy, NOESY and the applications</p> <p>CO-4. Study of mass spectrometry: Instrumentation, various methods of ionization, SIMS, FAB, MALDI. Different detectors rules of fragmentations of different functional groups</p>
CHO-352 Stereochemistry and Asymmetric Synthesis of Organic Compound	<p>Co.1. To study conformations of polysubstituted cyclohexane six member ring with SP² Carbon</p> <p>CO.2. To study stereochemical principles involved in reactions of six member ring and other than six-member ring</p> <p>CO.3. Study stereochemistry of fused and bridge ring system</p> <p>CO.4 To understand asymmetric synthesis, chiral pool and chiral auxiliaries</p> <p>CO.5 to study transition metal catalyzed homogenous asymmetric hydrogenation</p>

CHO-353 Protection –Deprotection, Chiron approach and Carbohydrate	CO-1. Study of protection and deprotection in ketone and aldehyde. CO-2. Study of Protection and deprotection in amine. CO-3. To understand the concept of Chiral templates. CO-4. Study of concept of Glycosyl Donor and acceptor. CO-5 Study the synthesis of Glycosides. CO-6 To Understand intramolecular Glycosylation.
CHO –354 Practical-I Solvent Free Organic Synthesis	CO -1 Study of solvent free carbon carbon bond formation in different reaction CO.2. Study of Beckmann Rearrangement in Nitrogen Nitrogen bond formation CO-3. To understand oxidative coupling of Thiol by using MnO ₂ CO-4. Study of solvent free supra molecular assembly formation
<u>Semester-IV</u>	
CHO-450 Chemistry of Natural Products	CO-1. Learn different synthesis of heterocycles like. CO-2. Understand the stereochemistry of complex compound. CO-3. Knowledge of name reaction in synthesis. CO-4. Study of different applications of name reactions. CO-5. To understand the use of various synthesis strategies in drug synthesis. CO-6. Study of recent drug development. CO-7. Study of synthetic strategies involved in preparation.
CHO-451 Organometallic Reagents in Organic Synthesis	CO-1 To study ring formation reaction CO-2 To understand criteria for Click Reaction. CO-3 To study the use of Boron and Silicon in Organic Synthesis. CO-4 To study carbon-carbon double bond formation reaction in organic synthesis. CO-5 To study transition metal complex in organic synthesis. CO-6 To understand mechanism for multi component Reaction. CO-7 To Study Metathesis in organic synthesis.

<p>CHO-452-Concepts and applications of Medicinal Chemistry</p>	<p>CO-1. Understand the chemistry of peptides and proteins to study the catalytic activity of proteins as enzymes. CO-2. To study the nucleic acid mechanism. CO-3. Understanding of chemistry of vitamins in biological system. CO-4. To understand the drug design chemistry of diseases and drug development. CO-5. To studies the peptides sequencing in therapeutics. CO-6 To study the pharmacokinetics and pharmacodynamics of drugs.</p>
<p>CHO-453 Carbohydrate synthesis and Natural Product Extraction</p>	<p>CO-1 To separate ternary mixture by using ether solvent. CO-2 To carry out individual qualitative analysis of compound. CO-3 To find functional group CO-4 To find out the physical constants. CO-5 To Identify colourd pigments from plant material.</p>
<p>CHO-454 Convergent and Divergent Organic Synthesis</p>	<p>CO-1. To Study the Synthesis of 4-amino anisole from Anisole. CO-2. To Synthesize Pyrimidine from Acetyl acetone CO-3. To Synthesize dye from Beta-Naphthol</p>