

Vidya Vikas Mandal's
Sitaram Govind Patil Arts, Science and Commerce College,
Sakri (Dist-Dhule)

- ❖ Programme Outcomes (PO's)
- ❖ Programme Specific Outcomes (PSO's)
- ❖ Course Outcomes (CO's)

+ Under Graduate (UG)

Arts	Science	Commerce
<u>Marathi</u> <u>Hindi</u> <u>English</u> <u>Economics</u> <u>Geography</u> <u>History</u> <u>Sociology</u> <u>Political Science</u> <u>Psychology</u>	<u>Chemistry</u> <u>Physics</u> <u>Mathematics</u> <u>Botany</u> <u>Zoology</u>	<u>Commerce</u>

५.	मध्ययुगीन मराठी वाङ्मयाच्या निर्मितीमागील प्रेरणा, इतिहास , स्वरूप व वैशिष्ट्ये तसेच विविध संहित्यकृतीचा परिचय करून देणे.
६.	नाटय अभिरुची विकसित करता येते तसेच नाटय संकल्पनानाटय आस्वादाची डोळस क्षमता विकसित करता येते.
७.	उत्तम दर्जाची व्यावसायिक वृत्ती निर्माण करून उद्योगाची दिशा दाखवत येते.
८.	कादंबरीची आस्वाद क्षमता विकसित करता येते.
९.	भाषेचे स्वरूप , कार्य , भाषा उत्पत्तीचे सिद्धांत भाषकुल संकल्पना, प्रांतिक भेद, मराठीच्या प्रमुख बोलीचा परिणाम, भाषाविषयक असलेले गैरसमज, मराठीवरील अन्य भाषांवर पडलेला प्रभाव तसेच मराठी भाषा उत्पत्तीची मते जाणून घेऊन मराठीची पूर्वपीठिका लक्षात घेता येते.
१०.	आधुनिक समाज माध्यमांचा परिचय करून घेत येतो. त्याचबरोबर त्यांचे कार्य, उपयुक्तता आणि Email , Facebook , WhatsApp, Twitter , YouTube यासाठी लेखन तंत्र व निवेदन कौशल्य विकसित करता येते.

➤ Programme Specific Outcomes: B.A. Marathi: -

Sr. No.	PSO's
१.	विद्यार्थ्यांना B.A. मराठी विषय घेण्यामाघेशिक्षण, शासकीय, खाजगी, न्यायालय, प्रकाशन संस्था आदी क्षेत्रात नोकरीची संधी उपलब्ध होते. तसेच स्वताचा व्यवसाय, स्पर्धा परीक्षेच्या दृष्टीने भाषेचा व्याकरणिक अभ्यास उपयोगी पडतो. तसेच घरातील व्यक्तींमध्ये चांगले संभाषण करता येते. तसेच व्याकरणाचे, साहित्याचे ज्ञान मिळण्यासाठी, लेखन कौशल्य अवगत करण्यासाठी मराठी भाषेचा उपयोग महत्वाचा ठरतो.
२.	संवादासाठीची विविध भाषिक कौशल्ये विकसित करणे.
३.	निबंध लेखनाचे स्वरूप, घटक, वैशिष्ट्ये, प्रकार समजून घेणे व निबंध लेखनाचे कौशल्ये आत्मसात करणे.
४.	उत्तम दर्जाची व्यावसायिक वृत्ती निर्माण करून उद्योगाची दिशा दाखवत येते.
५.	नाटकातील सुखात्मिका-शोकात्मिका यांचे स्वरूप व वैशिष्ट्ये समजून घेता येतात.
६.	मध्ययुगीन मराठी वाङ्मयाच्या निर्मितीमागील प्रेरणा, इतिहास , स्वरूप व वैशिष्ट्ये तसेच विविध संहित्यकृतीचा परिचय करून देणे.

➤ Course Outcomes: B.A. Marathi: -

Sr. No.	Class	Course	Course Outcomes
०१	F.Y.B.A सत्र-१	विशिष्ट वाङ्मय प्रकारचा अभ्यास-कथा	<ul style="list-style-type: none"> कथा वाङ्मय प्रकाराचा परिचय करून देणे. इतर वाङ्मय प्रकारांपेक्षा कथेचे वेगळेपण जाणून घेणे. कथेचे विविध घटक समजावून घेणे. कथेचे स्वरूप, वैशिष्ट्ये, प्रकार व वाटचाल समजून घेणे.

०२	F.Y.B.A सत्र-२	वाङ्मय प्रकाराचा अभ्यास -कविता	<ul style="list-style-type: none"> • कविता वाङ्मय प्रकाराचा परिचय करून देणे. • इतर वाङ्मय प्रकारांपेक्षा कविते चे वेगळेपण जाणून घेणे. • कविते चे विविध घटक समजावून घेणे. • कविते चे स्वरूप, वैशिष्ट्ये, प्रकार व वाटचाल समजून घेणे. • कवितेचे रसग्रहण व मूल्यमापन करणे.
०३	S.Y.B.A सत्र-३	वाङ्मयीन मराठी (विशिष्ट वाङ्मय प्रकारांचा अभ्यास) MAR २३१:A:-DSC मराठी C: वैचारिक गद्य लेखनाचा अभ्यास शेतकऱ्याचा आसूड:- महात्मा जोतीराव फुले संपादन ,व प्रस्तावना डॉ.नागनाथ कोत्तापल्ले	<ul style="list-style-type: none"> • मराठीतील वैचारिक गद्य लेखनाच्या परंपरेचा परिचय करून घेणे. • महात्मा जोतीराव फुले यांचे जीवन ,कार्य व त्यांची वैचारिक जडणघडण याबाबत जाणून घेणे. • महात्मा जोतीराव फुले यांच्या लेखन समापादेबाबत माहिती घेणे. • शेतकऱ्याचा आसूड मधील वैचारिक आशयाची स्वरूप ,वैशिष्ट्ये समजून घेणे • शेतकऱ्याचा आसूड या वैचारिक गद्य लेखनाच्या वाङ्मयीन गुण वैशिष्ट्यांचा शोध घेणे.
०४	S.Y.B.A सत्र-४	MAR २४१ A: DSC मराठी D: चरित्र - आत्मचरित्र पार लेखनाचा अभ्यास (जीवनरंग -निवडक चरित्र व आत्मचरित्र पार लेख:-संपादन मराठी अभ्यास मंडळ KBCUNU जळगाव	<ul style="list-style-type: none"> • चरित्र व आत्मचरित्र लेखनाचे सामाजिक व वाङ्मयीन दृष्ट्या महत्व जाणून घेणे. • मराठीतील चरित्र लेखनाच्या परंपरेचा परिचय करून घेणे. • मराठील आत्मचरित्र लेखनाच्या परंपरेचा परिचय करून घेणे. • जीवनरंग या पुस्तकातील निवडक चरित्र पार लेखांचे स्वरूप जाणून घेणे. • जीवनरंग या पुस्तकातील निवडक आत्मचरित्र पर लेखांचे स्वरूप जाणून घेणे. • जीवनरंग या पुस्तकातील निवडक चरित्र पर लेखांची वाङ्मयीन गुण वैशिष्ट्ये लक्षात घेणे. • जीवनरंग या पुस्तकातील निवडक आत्मचरित्र पर लेखांची वाङ्मयीन गुण वैशिष्ट्ये लक्षात घेणे.
०५	S.Y.B.A सत्र-३	वाङ्मयीन मराठी (विशिष्ट वाङ्मय प्रकारांचा अभ्यास) MAR २३१:A :-DSC मराठी C :वैचारिक गद्य लेखनाचा अभ्यास (शेतकऱ्याचा आसूड :- महात्मा जोतीराव फुले संपादन ,व प्रस्तावना डॉ.नागनाथ कोत्तापल्ले)	<ul style="list-style-type: none"> • मराठीतील वैचारिक गद्य लेखनाच्या परंपरेचा परिचय करून घेणे. • महात्मा जोतीराव फुले यांचे जीवन ,कार्य व त्यांची वैचारिक जडणघडण याबाबत जाणून घेणे. • महात्मा जोतीराव फुले यांच्या लेखन समापादेबाबत माहिती घेणे. • शेतकऱ्याचा आसूड मधील वैचारिक आशयाची स्वरूप ,वैशिष्ट्ये समजून घेणे • शेतकऱ्याचा आसूड या वैचारिक गद्य लेखनाच्या वाङ्मयीन गुण वैशिष्ट्यांचा शोध घेणे.

०६	S.Y.B.A सत्र-४	MAR २४२ DSE मराठी १ B:- आधुनिक वाङ्मय प्रकार -कविता (माझे विद्यापीठ - नारायण सुर्वे	<ul style="list-style-type: none"> • कविता या वाङ्मय प्रकारचे स्वरूप व त्याची वैशिष्ट्ये जाणून घेणे. • आधुनिक मराठी कवितेच्या वाटचालीचा परामर्श घेणे. • माझे विद्यापीठ या कविता संग्रहातील विविध जीवन जाणिवांचा शोध घेणे. • माझे विद्यापीठ या कविता संग्रहाचे वाङ्मयीन मूल्यमापन करणे. • कवितेचे वाङ्मयीन आकलन व मूल्यमापन करण्याची दृष्टी विकसित करणे.
०७	S.Y.B.A सत्र -३	DSE मराठी २ A:साहित्य विचार(भारतीय आणिपाश्चात्य) MAR -२३३ DSE मराठी २ A:- साहित्य विचार (भारतीय आणि पाश्चात्य)	<ul style="list-style-type: none"> • भारतीय आणि पाश्चात्य साहित्य विचाराचा परिचय करून देणे. • साहित्याचे स्वरूप समजून घेणे. • प्रमुख संस्कृत व पाश्चात्य साहित्य मिमासाकानी साहित्याच्या स्वरूपाविषयी मांडलेल्या विचारांचा परिचय करून घेणे. • साहित्याच्या निर्मितीचे विविध प्रयोजने जाणून घेणे. • प्रमुख संस्कृत व पाश्चात्य साहित्य मिमासाकानी साहित्याच्या प्रयोजनाविषयी मांडलेल्या विचारांचा परिचय करून घेणे. • साहित्य निर्मितीच्या प्रधान व गौण करणाची ओळख करून घेणे.
०८	S.Y.B.A सत्र -४	MAR २४३ DSE मराठी २ B :- साहित्य विचार (भारतीय आणि पाश्चात्य)	<ul style="list-style-type: none"> • भारतीय आणि पाश्चात्य साहित्य विचाराचा परिचय करून देणे. • साहित्याच्या भाषेचे स्वरूप जाणून घेताना शब्द शक्तीचे स्वरूप व प्रकार समजून घेणे. • साहित्याच्या भाषेचे स्वरूप जाणून घेताना पाश्चात्य साहित्य मिमान्साकानी त्याबाबत मांडलेल्या विविध संकल्पना चा परिचय करून घेणे. • साहित्यातील रस प्रक्रिया संस्कृत सहित्य मिमान्साकानी मांडलेल्या रस विचाराच्या आधारे जाणून घेणे. • साहित्यातून प्राप्त होणार्या आनंदाचे स्वरूप जाणून घेणे. • साहित्याची आस्वाद प्रक्रिया समजून घेणे.
०९	S.Y.B.A सत्र -३	SEC:- मराठी:लेखन कौशल्य	<ul style="list-style-type: none"> • मुद्रितशोधन चे स्वरूप आणि आवश्यकता जाणून घेणे. • मुद्रितशोधन चे कौशल्य आत्मसात करणे.

		MAR २३४ SEC मराठी १: लेखन कौशल्य:-मुद्रितशोधन	<ul style="list-style-type: none"> • मुद्रितशोधन च्या खुणा ,अर्थ,आणि उपयोजन याबाबत जाणून घेणे. • विरामचिन्हे आणि लेखन विषयक नियम यांचे स्वरूप जाणून घेणे. • मुद्रितशोधन चा सराव करणे.
१०	S.Y.B.A सत्र -४	MAR २४४ SEC मराठी २:लेखन कौशल्य ;-सर्जनशील लेखन	<ul style="list-style-type: none"> • सर्जनशील लेखनाचे स्वरूप आणि त्याची वैशिष्ट्ये जाणून घेणे. • कथा लेखनाची निर्मिती प्रक्रिया समजून घेणे. • नाट्यात्म लेखनाची निर्मिती प्रक्रिया समजून घेणे. • कथा लेखनाचा सराव करणे. • नाट्यात्म लेखनाचा सराव करणे.
११ .	S.Y.B.A सत्र -३	MIL मराठी :- माध्यमांसाठी लेखन व संवाद MAR २३६ MIL मराठी १ मुद्रित माध्यमासाठी लेखन	<ul style="list-style-type: none"> • वृत्तपत्र या मुद्रित माध्यमाचा विशेष परिचय करून घेणे. • वृत्तपत्र या मुद्रित माध्यमाचे कार्य ,त्याची उपयुक्तता जाणून घेणे. • वृत्तपत्र माध्यमासाठी करावयाच्या बातमी लेखनाचे स्वरूप व तंत्र अवगत करणे. • वृत्तपत्र माध्यमासाठी करावयाच्या जाहिरात लेखनाचे स्वरूप व तंत्र अवगत करणे. • वृत्तपत्र माध्यमासाठी करावयाच्या विविध वृत्तलेख लेखनाचे स्वरूप व तंत्र अवगत करणे. • वृत्तपत्र माध्यमासाठी करावयाच्या स्तंभ व सदर लेखनाचे स्वरूप व तंत्र आत्मासात करणे.
१२ .	S.Y.B.A सत्र -४	MAR २४६ MIL मराठी २:- श्राव्य माध्यमासाठी लेखन व संवाद	<ul style="list-style-type: none"> • नभोवाणी या श्राव्य माध्यमाचा विशेष परिचय करून घेणे. • नभोवाणी या श्राव्य माध्यमाचे कार्य आणि त्याची उपयुक्तता जाणून घेणे. • नभोवाणी माध्यमासाठी करावयाच्या भाषणाच्या लेखनाचे स्वरूप व तंत्र अवगत करणे. • नभोवाणी माध्यमासाठी करावयाच्या श्रुतिका लेखनाचे स्वरूप व तंत्र अवगत करणे.. • नभोवाणी मध्यामासाठी करावयाच्या युवकांसाठीच्या कार्यक्रमाच्या लेखनाचे स्वरूप व तंत्र अवगत करणे. • सरकारी व खाजगी नभोवाणी माध्यमासाठी करावयाच्या निवेदनाचे स्वरूप व तंत्र आत्मसात करणे.
१३ .	T.Y.B.A सत्र -५	वाङ्मय प्रकारांचा अभ्यास -नाटक	<ul style="list-style-type: none"> • नाटक या वाङ्मय प्रकाराचा परिचय व स्वरूप जाणून घेणे . • नाटक या वाङ्मय प्रकाराचे विविध घटक समजून घेणे.

		(अधांतर -जयंत पवार)	<ul style="list-style-type: none"> नाटकाच्या विविध प्रकारांचा परिचय करून घेणे. सुखात्मिका व शोकात्मिका या नाट्य विशेषांचा परिचय करून घेणे.
१४.	T.Y.B.A सत्र -६	साहित्य आकादमी पुरस्कृत साहित्यिकांचे निवडक ललित गद्य	<ul style="list-style-type: none"> ललित गद्य या वाङ्मय प्रकारचे स्वरूप समजून घेणे. साहित्य आकादमी पुरस्काराचे स्वरूप व पुरस्कार प्राप्त साहित्यिकांचा स्थूल परिचय करून घेणे. ललित गद्य या वाङ्मय प्रकारातील अनुभवांची मांडणी आणि अविष्कार पध्दती समजून घेणे. ललित गद्य लेखनातील अनुभवांची तरलता ,संवेदानाचे आकलन करून घटना ,प्रसंग,आणि जीवन संघर्षांचे स्वरूप समजून घेणे.
१५.	T.Y.B.A सत्र -५ व ६	आधुनिक मराठी वाङ्मयाचा इतिहास (१९२०-१९६०)	<ul style="list-style-type: none"> १९२०-१९६० या कालखंडातील वाङ्मयीन व सांस्कृतिक घटनांचा परिचय करून घेणे. १९२०-१९६० या कालखंडातील विविध वाङ्मय प्रकारांच्या वाटचालीचा व वाङ्मयीन साहित्य कृतींचा परिचय करून घेणे. १९२०-१९६० या कालखंडातील विविध वाङ्मयीन प्रवाहांचा परिचय करून घेणे. १९२०-१९६० या कालखंडातील कथा ,कादंबरी,नाटक,कविता या वाङ्मय प्रकारातील प्रमुख लेखक व त्यांच्या वाङ्मयीन कार्याचा परिचय करून घेणे.
१६.	T.Y.B.A सत्र -५ व ६	सामान्य भाषाविज्ञान व मराठी व्याकरण	<ul style="list-style-type: none"> भाषेचे स्वरूप व तिचे मानवी जीवनातील कार्य समजून घेणे. स्वन निर्मिती प्रक्रिया ,वागीन्द्रियाची रचना व कार्य समजून घेणे. स्वनीम संकल्पना व रुपिम संकल्पना समजून घेणे. वाक्य विन्यास आणि अर्थ विन्यास यांचे स्वरूप समजून घेणे. पारंपारिक मराठी व्याकरणातील वर्ण माला,शब्दांच्या जाती ,काळ व अर्थ ,अलंकार ,समास ,म्हणी ,वाक्प्रचार या महत्वाच्या घटकांचा परिचय करून घेणे.
१७.	F.Y.B.C om सत्र -१	वाङ्मयीन मराठी :- बिझिनेस लीजेन्ड्स - गीता पिरामल)	<ul style="list-style-type: none"> वाणिज्य शाखेतील विद्यार्थ्यांना विविध उद्योग पतींची ओळख करून देणे. वाचान व भाषिक कौशल्यांचा परिचय करून घेणे यशोगाथांच्या माध्यमातून व्यावसायिक उद्योजकता जाणीव वाढविणे.

			<ul style="list-style-type: none"> • नवीन उद्योग उभारानिसाठीच्या विविध आव्हानाचा परिचय करून देणे. • यशस्वी उद्योजक बनण्यासाठीच्या आवश्यक गुणांचा परिचय करून देणे.
१८.	F.Y.B.S C सत्र -१ व २	कथा आणि संवाद कौशल्ये यांचा अभ्यास (माणदेशी मानसं या कथा संग्रहातील निवडक ४ कथा)आणि संवाद कौशल्ये.	<ul style="list-style-type: none"> • माणदेशी मानासाया कथा संग्रहातील कथांचे कथानक ,व्यक्ती चित्रण व प्रसंग वर्णन या अंगानी जाणवणारी वैशिष्ट्ये लक्षात घेणे. • माणदेशी मानासाया कथा संग्रहातील कथांचे संघर्ष,निवेदन व भाषा या अंगानी जाणवणारी वैशिष्ट्ये लक्षात घेणे. • संवादाच्या औपचारिक व अनौपचारिक प्रकारांचा परिचय करून देणे. • संवाद कौशल्यासाठी आवश्यक बाबींचा परिचय करून देणे. • भाषण ,सादरीकरण,वादविवाद ,सूत्रसंचालन,गट चर्चा या संवाद कौशल्यांचे स्वरूप स्पष्ट करून त्यांचे उप योजन करण्यास शिकविणे.
१९.	S.Y.B.S C सत्र -३ व ४	AECC मराठी कथा आणि उपयोजित लेखन, AECC १: विज्ञान कथा आणि नोंद लेखन	<ul style="list-style-type: none"> • विज्ञान कथा या कथाप्रकाराचा परिचय करून घेणे. • विनोदी कथा या कथा प्रकाराचा परिचय करून देणे. • विज्ञानाच्या क्षेत्रातील विविध विषयांबाबत मराठीतून लेखन करण्यास विद्यार्थ्यांना प्रोत्साहित करणे. • वैज्ञानिक संज्ञा-संकल्पना बाबत विज्ञान कोशासाठी नोंद लेखन करण्याचे तंत्र आत्मसात करणे. • विज्ञानाच्या क्षेत्रातील विविध विषयांवर लोकोपयोगी लेखन करण्याचे कौशल्य जाणून घेणे. • वैज्ञानिक दृष्टीकोन विकसित करण्यास सहाय्यभूत ठरणे.

Sr. No.	Class	Course	Course Outcomes
1.	F.Y.B.A	हिंदी कहानी हिंदी कविता	<ul style="list-style-type: none"> • छात्रों को हिंदी कहानी विधा से परिचित कराना। • छात्रों में मानविय मूल्यों के प्रति आस्था निर्माण कराना। • विभिन्न कहानियों के माध्यम से छात्रों की भाषीकक्षमता को विकसित करना। • छात्रों में विभिन्न कहानियों के माध्यम से सामाजिक संवेदना को जागृत कराना। • छात्रों को हिंदी कविता विधा से परिचित कराना। • छात्रों में मानविय मूल्यों के प्रति आस्था निर्माण कराना। • विभिन्न कविताओं के माध्यम से छात्रों की भाषीकक्षमता को विकसित करना। • छात्रों में विभिन्न कविताओं के माध्यम से सामाजिक संवेदना को जागृत कराना।
2.	S.Y.B.A	MIL-I Hindi लेखन कौशल:मिडीया एवं साहित्य MIL-II Hindi लेखन कौशल:मिडीया एवं साहित्य (गीत-नवगीत)	<ul style="list-style-type: none"> • छात्रों को रचनात्मक लेखन के सैध्दांतिकी से अवगत कराना। • अभिव्यक्ति के विविध क्षेत्रों से छात्रों का परिचय करवाना। • हिंदी लघुकथाओं के माध्यम से रचनात्मक लेखन की सर्जन प्रक्रिया को दर्शाना। • रचनात्मक लेखन के विविध रूपों से छात्रों को परिचित कराना। • हिंदी लघुकथाओं के माध्यम से मानविय मूल्यों का संवर्धन एवं संरक्षण करना। मया लेखन कौशल से छात्रों को अवगत कराना। • मीडिया लेखन कौशल के विविध प्रकारों से छात्रों को अवगत कराना। • साहित्य लेखन कौशल से छात्रों को परिचित कराना। • हिंदी गीत-नवगीतों के माध्यम से छात्रों में संवेदनशीलता विकसित कराना। • हिंदी गीत-नवगीतों से छात्रों को परिचित कराना। • हिंदी गीत-नवगीतों के माध्यम से लेखन की सर्जन प्रक्रिया को दर्शाना।
3.	S.Y.B.A	DSC-1 (C) A Hindi कथेत्तर गद्य विधाएँ DSC-1 (D) A Hindi श्रेष्ठ हिंदी एकांकी	<ul style="list-style-type: none"> • कथेत्तर गद्य विधा का विकासात्मक परिचय कराना। • कथेत्तर गद्य विधा की कालजयी रचनाओं से छात्रों को परिचित कराना। • कथेत्तर गद्य विधा की रचनाओं के माध्यम से छात्रों में मूल्य संवर्धन कराना। • कथेत्तर गद्य विधा की रचनाओं के माध्यम से छात्रों में सामाजिक संवेदनाशीलता को बढ़ावा देना। • कथेत्तर गद्य विधा की रचनाओं के माध्यम से छात्रों में सामाजिक संवेदनाशीलता को बढ़ावा देना। • एकांकी विधा का विकासात्मक परिचय कराना। • प्रमुख एकांकी कारों का सामान्य परिचय कराना। • एकांकीओं के माध्यम से रंगमंचीय प्रभाव को विषद कराना।

4.	S.Y.B.A	SEC-I Hindi भाषीक संप्रेषण SEC-II Hindi अनुवाद विज्ञान	<ul style="list-style-type: none"> • हिंदी भाषा के भाषीकस्वरूप से छात्रों को परिचित कराना। • भाषीक संप्रेषण की सैध्दांतिक से छात्रों को परिचित कराना। • संप्रेषण के प्रमुख प्रकारों से छात्रों में छात्रों को परिचित कराना। • मौखिक संप्रेषण के विविध रूपों से छात्रों को अवगत कराना। • लिखित संप्रेषण के विविध रूपों से छात्रों को अवगत कराना। • अनुवाद विज्ञान की प्रविधि से छात्रों को अवगत कराना। • अनुवाद विज्ञान की सैध्दांतिक विवेचना कराना। • साहित्यिक अनुवाद, मषीनी अनुवाद से छात्रों को अवगत कराना।
5.	S.Y.B.A	DSE-I (A) Hindi काव्यशास्त्र DSE-II (B) Hindi काव्यशास्त्र	<ul style="list-style-type: none"> • काव्यशास्त्र का सामान्य परिचय कराना। • काव्य की विधाओं से परिचित कराना। • अलंकारों का परिचय कराना। • काव्यशास्त्र का सामान्य परिचय कराना। • गद्य की विविधाओं से परिचित कराना। • शब्दपक्तियों का परिचय कराना। • छंद एवं रसों का परिचय कराना। • आलोचना की क्षमता विकसित कराना।
6.	S.Y.B.A	DSE-II (A) Hindi उपन्यास विधा DSE-II (A) Hindi नाटक विधा	<ul style="list-style-type: none"> • हिंदी उपन्यास विधा का विकासात्मक परिचय कराना। • हिंदी के प्रमुख उपन्यासकारों का सामान्य परिचय देना। • निर्धारित उपन्यास के माध्यम से छात्रों को मानवीय जीवन में समय का महत्त्व, व्यक्ति की विष्वव्यापी स्वाधीनता वृद्धो की सामान्य, मूल्य संवर्धन संयुक्त परिवार आदिसे अवगत कराना। • उपन्यास के माध्यम से सामाजिक अत्तरदायित्व के प्रति छात्रों में एहसास जगाना। • हिंदी नाटक विधाका विकासात्मक परिचय कराना। • हिंदी नाटक और रंगमंच के परस्पर संबंधो पर प्रकाष डालना। • धरती आबा नाटक के माध्यम से आदिवासी समाज का चित्रण कराना। • आदिवासी साहित्य और संस्कृति से छात्रों को परिचित कराना।
7.	T.Y.B.A	MIL-III Hindi संपादन लेखन और साहित्य (मुद्रित माध्यम) MIL-IV Hindi हिंदी सिनेमा और साहित्य (इलेक्ट्रनिक माध्यम)	<ul style="list-style-type: none"> • छात्रों को संपादकीय कला से अवगत कराना। • संपादक की योग्यता, दायित्व और महत्त्व से परिचित कराना। • संपादकीय लेखन के तत्त्व और प्रविधि को दर्षाना। • विभिन्न समाचार पत्र और पत्रिकाओ के उल्लेखनीय संपादकीय से परिचित करवाना। • छात्रों को हिंदी सिनेमा के इतिहास से अवगत कराना। • सिनेमा और भारतीय समाज के संबंध का परियच देना। • हिंदी सिनेमा के तकनिकी पक्ष के संबंध का परिचय देना। • हिंदी सिनेमा के तकनिकी पक्ष से परिचित कराना।

			<ul style="list-style-type: none"> • साहित्य कृति पर आधारित सिनेमा से परिचित करवाना। • मोहनदास की कहानी के माध्यम से सामाजिक यथार्थ को दर्शाना।
8.	T.Y.B.A	<p>DSC-E (A) Hindi विशेष विधा यात्रा साहित्य</p> <p>DSC-F (A) Hindi विशेष विधा भारतीय संत काव्य</p>	<ul style="list-style-type: none"> • यात्रा साहित्य विधा के सैद्धांतिक विवेचन को अवगत कराना। • यात्रा साहित्य विधा के विकासात्मक परिचय से छात्रों को परिचित कराना। • यात्रा साहित्य विधा के प्रमुख साहित्यकार तथा उनके यात्रा वर्णन का ज्ञान छात्रों को प्रदान कराना। • मेरी जपान यात्रा इस साहित्य कृति के माध्यम से छात्रों में यात्रा साहित्य लेखन की कला से परिचित कराना। • भारतीय संत काव्य का परिचय कराना। • भारतीय संत काव्य परंपरा का विकासात्मक परिचय करवाना। • भारतीय संतो के काव्य का अध्ययन कराना। • भारतीय संत काव्य की विशेषताओं तथा उपलब्धियों का परिचय देना।
9.	T.Y.B.A	<p>SEC-III Hindi हिंदी व्याकरण और अभिव्यक्ति कौशल</p> <p>SEC-IV Hindi हिंदी भाषा का मानकीकरण और अशुद्धी शोधन</p>	<ul style="list-style-type: none"> • छात्रों को हिंदी भाषा की व्याकरणिक संरचना से अवगत कराना। • छात्रों को हिंदी शब्द संधारण से परिचित कराना। • छात्रों को पल्लवन करने की प्रक्रिया से अवगत कराना। • छात्रों को संपेक्षण करने की प्रक्रिया से अवगत कराना। • वक्तृत्व कला कौशल की जानकारियों से छात्रों को परिचित कराना। • हिंदी भाषा के मानक रूप से परिचय कराना। • देवनागरी लिपी तथा हिंदी वर्तनी संबंधी नियमावली की जानकारी देना। • शाशकिय पत्र प्रारूप लेखन की क्षमता विकसित करना। • साक्षात्कार प्रणाली की क्षमता को विकसित करना। • शुद्ध लेखन की क्षमता को विकसित करना।
10.	T.Y.B.A	<p>DSE Hindi III(A) हिंदी साहित्य का इतिहास ;आदिकाल, भक्तिकाल और रितीकाल</p> <p>DSE Hindi III (B) हिंदी साहित्य का इतिहास ;आधुनिक काल</p>	<ul style="list-style-type: none"> • हिंदी साहित्य का काल विभाजन नामकरण से छात्रों को अवगत कराना। • आदिकाल साहित्य की प्रमुख परिस्थितियों प्रवृत्तियों तथा प्रमुख रचनाकारों से छात्रों को परिचित कराना। • भक्तिकालीन साहित्य की प्रमुख परिस्थितियों प्रवृत्तियों तथा प्रमुख रचनाकारों से छात्रों को परिचित कराना। • हिंदी साहित्य इतिहास के आधुनिक काल के साहित्य से परिचित छात्रों को परिचित कराना। • हिंदी साहित्य के आधुनिक काल के साहित्य की प्रमुख प्रवृत्तियों तथा रचनाकारों से छात्रों को अवगत कराना। • हिंदी साहित्य का इतिहास के आधुनिक काल के पद्य और गद्यसाहित्य तथा प्रमुख साहित्यकारों का ज्ञान छात्रों को प्रदान कराना। • आधुनिक काल के साहित्य की प्रमुख उल्लेखनीय कृतियों का छात्रों को परिचय देना।

11.	T.Y.B.A	<p>DSE Hindi IV (A) हिंदी भाषा का विकास</p> <p>DSE Hindi IV (B) भाषा विज्ञान विकास हिंदी भाषा का विकास</p>	<ul style="list-style-type: none"> भाषा की परिभाषा तथा विशेषताओं से छात्रों को अवगत कराना। भाषा के विविध रूपों का ज्ञान छात्रों को प्रदान कराना। विविध बोलियों के सामान्य परिचय से छात्रों को परिचित कराना। भाषा के उत्पत्ति विशय सिध्दांत से छात्रों को परिचित कराना। हिंदी के प्रचार एवं प्रसार में खान्देश के साहित्यकारों के योगदान को उजागर करना। भाषा विज्ञान की पारिभाषाये तथा भाषा विज्ञान के विविध अंगो से छात्रों को परिचित कराना। भाषा विज्ञान तथा व्याकरण के तुलनात्मक अध्ययन का ज्ञान छात्रों को प्रदान कराना। विज्ञान से संबंधित विविध मुद्दों से छात्रों को परिचित कराना। रूप पद विज्ञान से संबंधित विविध मुद्दों से छात्रों को परिचित कराना। वाक्य विज्ञान से संबंधित विविध मुद्दों से छात्रों को परिचित कराना। अर्थ विज्ञान से संबंधित विविध मुद्दों से छात्रों को परिचित कराना।
12.	T.Y.B.A	<p>GE-I (A) Hindi हिंदी की राष्ट्रीय काव्यधारा</p> <p>GE-II (A) Hindi खानदेश का लोक साहित्य</p>	<ul style="list-style-type: none"> हिंदी की राष्ट्रीय काव्यधारा से छात्रों को अवगत कराना। हिंदी की राष्ट्रीय काव्यधारा का विकासात्मक परिचय प्रस्तुत करना। हिंदी की राष्ट्रीय काव्यधारा के प्रमुख कवियों का सामान्य परिचय देना। भारतीय स्वातंत्रता आंदोलन में हिंदी की राष्ट्रीय काव्यधारा के योगदान को अजागर करना। पाठ्यक्रम मे समावेष्टित कविताओं के आधार पर छात्रों में राष्ट्र के प्रति अस्मिता स्वाभिमान तथा गौरव का भाव जागृत करना। लोक साहित्य सैध्दांतिकी से छात्रों को परिचित कराना। खानदेश के लोक साहित्य और लोक संस्कृति से छात्रों को अवगत कराना। छात्रों को खानदेश की प्रमुख बोलियाँ अहिराणी लेवा और आदिवासी के साहित्य से अवगत कराना। लेकगीत लोककथा लोकनाट्य और लोक संस्कृति का साक्षात्कार कराना। लेकगीत लोककथा लोकनाट्य और लोकसव आदि से संबंधित

➤ **Course Outcomes: B.A. English: -**

Sr.No.	Class	Course	Course Outcomes
01	F.Y.B.A	Compulsory English	<ul style="list-style-type: none"> • The course will introduce the basic forms of literature to the students. • The course will develop the liking of reading in the students. • The course will inspire students to develop their creative ability. • Consequently, the course will develop reading skill and creative and expressive ability of the students.
02	F.Y.B.A	Optional English	<ul style="list-style-type: none"> • To develop the ability of students to comprehend written texts • To inculcate amongst students moral and human values • To make the students aware of the aesthetic pleasure of literature • To introduce to the students the basic forms of poetry • To create interest among students for literature
04	S.Y.B.A	16th and 17th Century English Literature (DSE 1A&B)	<ul style="list-style-type: none"> • To acquaint the students with the major literary trends and tendencies and prominent writers of the 16th and 17th Century English Literature. • To make the students aware about the literary history, salient features and sociocultural background of the period. • To help the students to grasp the content and critically appreciate the prescribed texts. • To inculcate amongst students a liking for the Elizabethan and Post-Shakespearean literature.

05	S.Y.B.A	18th and 19th Century English Literature (DSE 2A&B)	<ul style="list-style-type: none"> • To impart basic ideas about the 18th and 19th Century English Literature with special reference to Poetry and Novel. • To make the students aware about the literary history, salient features, socio political and cultural background of the Romantic and Victorian age. • To help the students to grasp the content and critically appreciate the prescribed Texts. • To inculcate amongst students a liking for the Romantic and Victorian literature.
06	S.Y.B.A	The Study of Novel and Drama (DSC 1C)	<ul style="list-style-type: none"> • To develop the interest of students in reading/understanding novel and drama. • To acquaint students with Novel and Drama as genres of literature. • To develop students' competence to study, understand, analyse and interpret novel and drama. • To introduce students with the key terms useful in the study of novel and drama. • To orient students with major types of novel and drama.
07	S.Y.B.A	SEC-I: English for Competitive Examinations	<ul style="list-style-type: none"> • To enable students to prepare for the competitive exams of various kinds especially meant for testing ability in English language. • To introduce students with the common question types asked in competitive examinations concerning English- grammar, vocabulary, comprehension, and other significant topics. • To encourage students to appear and prepare for the competitive exams. • To help the students to overcome the fear about English as a compulsory subject in various competitive exams.
08	T.Y.B.A	S-III	<ul style="list-style-type: none"> • To acquaint the students with the growth of Indian drama and novel in English during the 20th century. • To enable the students to evaluate, analyse, appreciate and criticize drama and novel prescribed. • To acquaint the students with the social, political and cultural background and literary movements of the century.

			<ul style="list-style-type: none"> • To acquaint the students with the developments in American poetry and novel.
09	T.Y.B.A	S-IV	<ul style="list-style-type: none"> • To introduce the students to the properties and functions of language. • To inculcate phonological competence among students. • To acquaint the students with English grammatical forms and functions. • To acquaint the students with morphological concepts and processes. • To introduce the students to the basic concepts in syntactic and semantic levels of language.
10	T.Y.B.A	G-III	<ul style="list-style-type: none"> • To acquaint the students with origin of drama and dramatic art. • To introduce the students to the aspects and genres of drama. • To enable the students to trace the development of English drama. • To inculcate amongst the students the competence to study drama systematically. • To acquaint the students with representative English dramatists.
13	F.Y.B.Sc	AEC	<ul style="list-style-type: none"> • To introduce to the students with writing and reading skills • To acquaint the students with the use of English Language through different means. • To acquaint the students with the creative use of English Language.
14	S.Y.B.Sc	Optional English	<ul style="list-style-type: none"> • Development of research aptitude in students will further boost their confidence for research. English is global language and to achieve professional success, practice of various skills is the demand of the hour • Present course is framed keeping in mind the requirement of science students • Present course contains the introduction to all the topic that contains the introduction to all the topic that science students need in their studies, job opportunities and research as well • Introduction of practical work for internal assessment is from the view point of honing the writing and spoken skill of the students.

			<ul style="list-style-type: none"> • The practical work will also help to ensure the opportunity of interaction between students and teachers. • Research aptitude will be inculcated in the students due to practical work, so that they will actively participate in research convention like Avishkar, Indradhanushya, and Anveshan etc. Inculcation of research aptitude will further boost the student's confidence for research
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Department of Economics

➤ Programme Outcomes: B.A.Economics:-

After successful completion of three-year degree program in Economics a student should be able to

Sr. No.	PO's
1.	Students enable to develop academic proficiency in the subfields of Indian Government and Economic Politics, Comparative Government, International Relations, Public finance, Economical Theory.
2.	Students enable to develop and be able to demonstrate skills in conducting as well as presenting research in Economics.
3.	Students enable to analyse Economical policy problems and formulate New policy options.
4.	Students enable to discuss the major theories and concepts of Economical science and its subfields, and also deliver thoughtful and well-articulated presentations of research.
5.	Students enable to understand the philosophy of Indian Economy.
6.	Students enable to appreciate the socio-economic factors which lead to the developing economy
7.	Students enable to develop and be able to Financial Literacy.

➤ Programme Specific Outcomes: B.A.Economics: -

Sr. No.	PSO's
1.	The program will enable the learner to understand the basic concepts of economics and its application.

2.	The subject will enhance knowledge pertaining to different economic policies, economic variables, statistical and mathematical models for their practical applications.
3.	The subject will enhance knowledge pertaining to different economic policies, economic variables, statistical and mathematical models for their practical applications.

➤ Course Outcomes: B.A. Economics: -

Sr. No.	Class	Course	Course Outcomes
1)	F.Y.B.A	(G-1 : GENERAL ECONOMICS) - Part – I Paper code Eco G-101(A): Principles of Micro-economics-1	<ul style="list-style-type: none"> • Introduced the students to the basic principles of microeconomic theory. • To introduced the student's behaviour of consumer, producer in Economy, Price determination in • market and also factor pricing. • How to microeconomic concepts can be applied to analyse real life situations
2)	S.Y.B.A	Indian Economy Since 1980- I&II DSC Eco 231 C & DSC Eco 241 D	<ul style="list-style-type: none"> • To enable students to have understanding the various issues of Indian Economy. • To develop the analysing capability in the context of current Indian Economic Problems. • To able the students for appearing the MPSC, UPSC and other competitive Examinations.
3)	S.Y.B.A	CBCS Pattern Advanced Macro Economics-I&II DSE Eco 233 A & DSE Eco 243 B	<ul style="list-style-type: none"> • To acquaint the student knowledge of Macroeconomics concept and theories. • To acquaint the student knowledge of Macroeconomics problem and policies. • To develop the analysing capacity in applying theories to real life situation.
4)	S.Y.B.A	Agricultural Economics -I&II DSE Eco 232 A & DSE Eco 242 B	<ul style="list-style-type: none"> • To enable student's basic concept of agriculture • To introduce Agriculture Theory for various competitive exam • To enable students have understand various dimensions in Agriculture
5)	T.Y.B.A	DSC -1 (E & F) Eco-351 & 361 Indian Economy	<ul style="list-style-type: none"> • To enable students to have understanding the various issues of Indian Economy.

		Since 1980 -III & IV	<ul style="list-style-type: none"> To develop the analysing capability in the context of current Indian Economic Problems. To able the students for appearing the MPSC, UPSC and other competitive Examinations
6)	T.Y.B.A	DSE -3 (A&B) Eco-352(A)&362(A) Economics of Public Finance-I& II	<ul style="list-style-type: none"> To enable students to have understanding the various issues of Public Finance and Policies. To develop the analysing capability in the context of Public Finance and Policies. To enable the students for appearing the MPSC, UPSC and other competitive Examinations.
7)	T.Y.B.A	DSE-4(A & B) Eco-353 (A) & 363 (A) Theoryof International Trade and Practices - I & II	<ul style="list-style-type: none"> To enable students to have understanding the various issues of International Trade and Practices. To develop the analysing capability in the text context of International Trade and Practices To able the students for appearing the MPSC, UPSC and other competitive Examinations.
8)	T.Y.B.A	SEC (3 & 4) Eco-354, Eco-364 Modern Banking & Indian Financial Market	<ul style="list-style-type: none"> To provide the students basic knowledge of Banking & Financial market. To provide the information of Indian Banking system. To updated the students about new changes and technology in Banking. To know the relevance of banking practices in modern competitive world
9)	T.Y.B.A	Generic Elective GE- 2 (A & B) Eco-355 & Eco-365 Indian Economic Environment- I & II	<ul style="list-style-type: none"> To introduce the students Economics Environment for Business. To provide the information of Indian Economics Environment. To update the students about new reform in Indian Economy. To prepare the students for competitive examination.
10)	F.Y.B. COM	Micro Economics	<ul style="list-style-type: none"> Students understand the behaviour of economy at micro level with respect to economic agents like a consumer, a producer, a factor owner. This Paper Creates awareness about consumers and producer's behaviour.

11)	S.Y.B.C OM	Macro Economics	<ul style="list-style-type: none"> • This Paper familiarizes the students with the basic concept of macroeconomics and its application. • It creates awareness of students how the economy's total output of goods and services and employment of resources is determined and what causes these totals to fluctuate.
12)	T.Y.B.C OM	Indian Economic Scenario	<ul style="list-style-type: none"> • Students can utilize their knowledge of economics in various corporate sectors. • The paper acquaints the students with the various issues of the Indian Economy. It also helpful for preparing them in competitive Examinations.

Department of Geography

➤ Programme Outcomes: B.A. Geography:-

After successful completion of three-year degree program in geography a student should be able to

Sr. No.	PO's
1.	To Acquaint the students with basic of scale, Map projection and cartographic
2.	techniques and surveying to proper guidance to students for Competitive examination
3.	The paper of Physical geography of Maharashtra Specifically framed to acquire knowledge of our states and within various resources to students.
4.	The paper of Practical Geography specifically framed to acquaint the students with basic of scale map projection and Cartographic techniques.
5.	The paper of Human and Economic Geography specifically framed to acquaint with knowledge of economic realm in the world as well as in India and various races of Mankind in world.
6.	The paper of SEC (Both Semester) Specifically framed to Students will gate knowledge about various approaches and model of regional planning and development
7.	To understand the principal of Remote sensing.

➤ **Programme Specific Outcomes: B.A. Geography: -**

Sr. No.	PSO's
1.	To Study theory and models of economic Geography
2.	to explain the trade and transport activities in world
3.	To enable the students use scale map and cartographic techniques
4.	To learn basic of GPS based survey

➤ **Course Outcomes: B.A. Geography: -**

Sr.No.	Class	Course	Course Outcomes
1.	F.Y.B.A	Physical Geography	<ul style="list-style-type: none"> To study the Latitudes and Longitudes measurement of time. To understand the effect of rotation of the earth To understand Interior structure of the Earth.
2.	SYBA (DSC 1C & 1D)	General Cartography & Human Geography	<ul style="list-style-type: none"> To acquaint the knowledge about practical and theoretical understand of cartographical concepts. To acquaint with knowledge of types of races in world. To study various types of settlement pattern.
3.	SYBA (9DSE 1A & 1B)	Geography of Tourism &Geography of India	<ul style="list-style-type: none"> To know the important of the sustainable tourism. To understand the various geo tourism. To make the students able to understand geographical personality of India.

4.	SYBA (DSE 2 A & 2B)	Practical Geography	<ul style="list-style-type: none"> To acquaint the students with basic of scale map projection and cartographic techniques. To acquaint the students with principles of surveying, its important and utility in geographical studies. To know how to draw the map on various scale
5.	SYBA	SEC- Skill Enhancement Course	<ul style="list-style-type: none"> Student will become well aware about the regional planning and development. Students will get knowledge about various approaches and models of regional planning and development. To understand the principal of remote sensing. To acquaint students with fundamental concepts of aerialphotography.
6.	TYBA	Population and Political Geography	<ul style="list-style-type: none"> To understand the recent problems of population in the world as well as nation. To familiarize the students with different theories of population growth. To understand the various States boundaries and Theories related boundary.

Department of History

➤ Programme Outcomes: B.A. History :-

After successful completion of three-year degree program in History a student should be able to

Sr. No.	PO's
1.	To introduce various perspectives of the Indian Freedom movement.
2.	To develop the Spirit of Nationalism Among Students.
3.	To create and enhance interest about regional History among the Student.
4.	Useful for the Preparation of the Competitive Examination.

➤ **Course Outcomes: B.A. History: -**

Sr.No.	Class	Course	Course Outcomes
01	F.Y.B.A	History of India (1857-1950)	<ul style="list-style-type: none"> • To introduce various perspective of the Indian Freedom Movement. • To develop the spirit of Nationalism among student. • To bring an awareness among the students as responsible.
02	SYBA DSC 2	History of the Marathas (1605-1750)	<ul style="list-style-type: none"> • To Great and enhance interest about Regional History among the Student. • To acknowledge students how Shivaji Maharaj created the Empire in adverse circumstances. • To Motivate Student for the Research work of the Maratha History.
03.	SYBA DSE1A	History of U.S.A. (1776-1945)	<ul style="list-style-type: none"> • To understand the importance of America (USA) in the world history. • To Study the foreign policy of America (USA) • To Study and the Role of America between two world war.
04.	SYBA DSE2A	History of Ancient India (B.C.3000-1206)	<ul style="list-style-type: none"> • To acquaint the students with different sources of Ancient Indian History. • To enable the students to understand the political, Socio-Economic and Cultural Developments in the Periods under study and appreciate the rich Cultural Heritage in India. • To Survey sources of History of Ancient India.
05.	SYBA SEC	Sem III, Research Methodology in History. Sem. IV An Introduction to Archives in India	<ul style="list-style-type: none"> • The paper is designed to provide adequate conceptual base. • Help Research in terms of formulating hypotheses and develop broad frames of interaction with other social sciences and attain certain level of Interdisciplinary Approach. • To introduces the importance of Archives in Study of History.

			<ul style="list-style-type: none"> To create awareness to conserve the historical Records in their Local Arias.
06.	TYBA Gen3	History of Modern World (1789-1945)	<ul style="list-style-type: none"> To introduce the Students to the Concept and Nature of Modern world History. It will create a patriotism and European Nationalism among the Students. Develop an interest in Students to study the history a discipline.
07.	TYBA Spl3	Expansion and Fall of the Maratha Power (1707-1818)	<ul style="list-style-type: none"> To Great and enhance interest about Regional History among the Student. To Motivate Student for the Research work of the Maratha History. Useful for the Preparation of the Competitive Examinations.
08.	TYBA Spl4	History of Sultan & History of the Mughals 1206-1707	<ul style="list-style-type: none"> To Developed the skill and opportunities among the Students Syllabus covers competitive examinations (UPSC, MPSC, NET, SET, Railway Board and Staff Selection etc.) Syllabus related to Tour and excursion visit and Report writing.

Department of Sociology

➤ Programme Outcomes: B.A.Sociology :-

After successful completion of three-year degree program in History a student should be able to

Sr. No.	PO's
1.	The papers framed for this program are in accordance with the norms of CBCS pattern.
2.	Selection of contents in all the courses will help the students to comprehend the worldly wisdom and commercial perception which will ultimately lead them to be successful and enjoy quality life.
3.	The special papers will open up traditional job opportunities for the students but the papers of skill and ability enhancement will open up corporate, govt. and private sectors for the students of sociology subject.

➤ **Programme Specific Outcomes: B.A.Sociology:-**

Sr. No.	PSO's
1.	The students of sociology strengthen the understanding of social Relationship and Behaviour helps it brighten the personality.
2.	Asset in various programme run by NGO's in Urban, Rural and Tribal welfare.
3.	Jobs opportunity on various post in govt. social welfare dept.

➤ **Course Outcomes:B.A.Sociology -**

Sr.No.	Class	Course	Course Outcomes
01	F.Y.B.A	Introduction to sociology	<ul style="list-style-type: none"> To introduce the students to the Discipline of sociology To familiarize students with the basic concepts in sociology To provide basic understanding of the social structure of society.
02.	S.Y.B.A	Foundation of sociological thought (DSE 1A&B)	<ul style="list-style-type: none"> To understand the development of sociological thought Understand their continuing relevance to contemporary concerns.
03.	SYBA	Tribal society in India (DSE-2A&B)	<ul style="list-style-type: none"> To provide a comprehensive profile of Tribal people in India. To familiarize students with the welfare policies, development issues and Tribal communities.
04.	SYBA	Indian society: Issues and problems (DSC-1&2 C	<ul style="list-style-type: none"> To sensitive the students to the Emerging social issues in India. To empower them to deal with these issues and problems.
05.	SYBA	SEC 1&2	<ul style="list-style-type: none"> To develop research skills and knowledge. Students should prepare a small research project on any topic in sociology

06.	TYBA G-3	Indian society: Structure and change	<ul style="list-style-type: none"> To provide the students the basic knowledge of social structure and change To familiarize the student about the major segment in social life
07.	TYBA S-3	Technique of sociological research	To introduce student to the nature of scientific method in social science research
08.	TYBA S-4 B	Industrial sociology	<ul style="list-style-type: none"> To provide the students sociological understanding work and industry To acquaint the student with dynamic industrial relations and consequences.
09.	TYBA S-4 A	Rural & Urban Sociology	<ul style="list-style-type: none"> To understand basic concepts of rural and Urban Society. To provide basic understanding of the social structure of Indian society.

Department of Political Science

➤ Programme Outcomes: B.A.Political Science :-

After successful completion of three-year degree program in History a student should be able to

Sr. No.	PO's
1)	The study of political science subjects raises awareness among the students about governance and administration
2)	The study of competitive examinations helps in the study of the basic concepts of the subject of political science.
3)	The Parliament of India, the Legislature of Maharashtra, the thinkers and movements related to political science as well as various political classical concepts are studied.

➤ Programme Specific Outcomes: B.A.Political Science:-

Sr. No.	PSO's
1.	Can Prepare for Competitive exams.
2.	Can admit to MA Politics, LLB and MBA etc.
3.	Work as a teacher in colleges, Jr. Colleges, high schools & schools.

4.	Serve as political party member, political adviser, and well citizen of India.
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➤ Course Outcomes: B.A. Political Science -

Sr. No.	Class	Course	Course Outcomes
1.	F.Y.B.A	Indian Constitution	<ul style="list-style-type: none"> • This paper is a basic introduction to the process, concept and working of Indian constitution. India Constitution is a social document. • This paper acquaints students with the constitution, design of state structure institutions and their actual working overtime. • The Indian constitution accommodates conflicting impulses of liberty and justice, territorial decentralization and a strong union for instance within itself. • The paper traces the embodiment some of these conflicts in constitutional provisions and shows how thus have played out in political practices in further encourages study of state in situation in their mutual interaction with the larger extra constitutional environment & recent trends in Indian democracy.
2.	S.Y.B.A Sem-III	(DSC 1 C) Introduction to Administration of Maharashtra	<ul style="list-style-type: none"> • This paper is essential for students of any faculty – discipline. Because it is not only useful for G.K. but also necessary for admire the history and administration of our region. • We should learn about how our administration is going on, what is the role of administrator of all internal section, features of gov, internal branches of administration, structure of govt etc. As well as this paper will help to create further administrator.

3.	S.Y.B.A Sem-IV	(DSC 1 D) Introduction to Local District Administration of Maharashtra	<ul style="list-style-type: none"> • This paper is attempts to discuss about local and district administration of Maharashtra. • It is very useful for MPSC/UPSC/Other exams; purpose/aim of this paper is understanding the core of administration and enhance ability to get proper knowledge of rural –urban administration.
4.	S.Y.B.A Sem-III	(DSE 1 A) Reading Mahatma Gandhi	<ul style="list-style-type: none"> • This paper is necessary for understand the basic -fundamental concepts of ethics, values, humanity, culture, faith, truth and satyagraha. • Students also learn actual meaning of Ahimsa, peace, social harmony for betterment of human life. • Theory of Gandhi is essential for society, today we see that bad elements are around us and therefore Gandhi’s is the answer and solution for different problems of society. • Students are motivate for do research in Gandhian Philosophy and enhance interest about Gandhian thought.
5.	S.Y.B.A Sem-IV	(DSE 1 B) Reading Dr. Ambedkar.	<ul style="list-style-type: none"> • This paper is attempts to discuss the main concepts and philosophy of Dr. Ambedkar. • Work and ideology of Dr. Ambedkar is essential for elimination of poverty, caste, untouchability, varna, discrimination in society. • His contribution to entire society is highly appreciated by world. And therefore, students should learn philosophy of constitution, equality, women’s liberty, democracy, thought of religion is essential for development and betterment of human life. • It is also useful to enhance ability for thinking different way with human kind and values.
6.	S.Y.B.A Sem-III	(DSE 2 A) Government and Politics of America	<ul style="list-style-type: none"> • Today, America is financially, technologically sound and super power nation in the world.

			<ul style="list-style-type: none"> • This country is having veto power, in this context students should proper understand that what elements are useful for development and how American government is working in constitutional framework? • Students are also learning history, constitution, judiciary (Judicial Review Provision), rights, administration and politics of America. And therefore, this paper is essential for perception of comparative study of govt and politics of America-China.
7.	S.Y.B.A Sem-IV	(DSE 2 B) Government and Politics of China	<ul style="list-style-type: none"> • Today, China is large financially, technologically sound and super power nation in the world. • This country is having veto power, in this context students should proper understand that what elements are useful for development and how Chinas government is working in constitutional framework, students can also learn history, constitution, judiciary, rights, administration and politics of China. • And therefore, this paper is essential for perception of comparative study of govt and politics of China-America.
8.	S.Y.B.A	(SEC 1) Research Methodology in Political Science.	<ul style="list-style-type: none"> • This paper is attempted to discuss the main concepts and methodology of research. <p>Political science is the part of social science/humanities. And therefore, under graduate students should learn suitable research topic for further research work, ability to write a research proposal/report.</p> <ul style="list-style-type: none"> • National education policy (2019) has to decide to enhance quality research and publication. • In this context, at UG level students should admire and proper understanding methodology and hard work for quality.

9.	S.Y.B.A	(SEC 2) Election Management	<ul style="list-style-type: none"> • This paper is attempts to discuss about principles, structure, debate and practices of election management. • It will be useful for proper understanding the process of election and management. • As well as admire the concepts and thoughts of election administration. • Each and every one has evolved in election process so we should get more information through this paper.
10.	T.Y.B.A	Personnel Administration and Management	<ul style="list-style-type: none"> • This paper focuses on the personal administration and management in Indian contest. • the course will narrate student the meaning definition and importance of administrative leadership • it's help them to study the characteristic of Management and describe the first POSDCORB theory • as well as admire the concept and thoughts of policy formation and coordination
11.	T.Y.B.A	Western Political Thought	<ul style="list-style-type: none"> • This paper focus on the classical ideas generated in the western world representation the ancient to the modern. • The Eight thinkers have been selected who represent ideal, realistic, and liberal tradition. The test is interpreted both in historical and philosophical perspective. • The course will narrate students the legacy of the thinkers and orient them about continuity and change within the western political tradition. • It helps them to study the historical aspects western state and society. The main purpose of this paper is to acknowledge students with how the great masters explained and analysed political events and problems of their time and prescribes solutions
12.	T.Y.B.A	Modern Political Anylasis	<ul style="list-style-type: none"> • This paper deals with concepts and dimensions in Modern Political Analysis. • It highlights various aspects of Political System, political culture, Political

			<p>Socialization, process of political Participation and political modernization, comparatively.</p> <ul style="list-style-type: none"> • This course will help learners to understand dynamics within political action, power, and process in India and across the country. • The main purpose of this course is to acquaint the students with interdisciplinary approach by connecting two separate disciplines.
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Department of Psychology

➤ Programme Outcomes: B.A.Psychology :-

After successful completion of three-year degree program in History a student should be able to

Sr. No.	PO's
1.	To make the students aware of the applications of psychological concepts in various fields.
2.	To understand the basics of social psychology and to understand the individual in the social world.
3.	To equip the learner with an understanding of the concept and process of human development.

➤ Programme Specific Outcomes: B.A.Psychology:-

Sr. No.	PSO's
1.	Introduce students to the concepts, theories, and research which define this discipline of psychology.
2.	Develop the students' capability for connecting discipline content to personal values and behaviour.

10.	Engage in independent and lifelong learning in science, technological changes and related matters.
11.	Enhance skills for future employability through activities such as seminar, communication skills, industrial visit, and internship.
12.	Recapitulate the courses in chemistry required for competitive examination.

➤ Programme Specific Outcomes: B.Sc. Chemistry:-

Sr. No.	PSO's
1.	Developed students with the skills required to succeed in graduate school, the chemical industry or professional school.
2.	To expose the students to a breadth of experimental techniques using modern instrumentation.
3.	The student will understand the importance of the Periodic Table of the Elements, how it came to be, and its role in organizing chemical information.
4.	The student will understand the interdisciplinary nature of chemistry and to integrate knowledge of mathematics, physics and other disciplines to a wide variety of chemical problems.
5.	The student will learn the laboratory skills needed to design, safely conduct and interpret chemical research.
6.	The student will acquire a foundation of chemistry of sufficient breadth and depth to enable them to understand and critically interpret the primary chemical literature.

➤ Course Outcomes: B.Sc. Chemistry: -



Sr.No.	Class	Course	Course Outcomes
1.	F.Y.B.Sc Sem-I	CH-101: Physical and Inorganic Chemistry	<ul style="list-style-type: none"> To expose & develop interest in the field of chemistry.

			<ul style="list-style-type: none"> To develop ability & to acquire the knowledge of terms, facts concept processes techniques & principles of subject. To understand the fundamental principle and chemical analysis
2.	F.Y.B.Sc Sem-I	CH-102: Organic and Inorganic Chemistry	<ul style="list-style-type: none"> To develop skills required in chemistry such as the proper handling of apparatus & chemical analysis To develop ability to apply the knowledge of contents of principles of chemistry
3.	F.Y.B.Sc Sem-II	CH-201: Physical and Inorganic Chemistry	<ul style="list-style-type: none"> To develop problem solving skills in students. To develop proper aptitude towards the subject. To develop ability to apply the knowledge of contents of principles of chemistry.
4.	F.Y.B.Sc Sem-II	CH-202: Organic and Inorganic Chemistry	<ul style="list-style-type: none"> Determine analyses and evaluate the interpretation ships involve in chemistry. Develop thirst of chemical knowledge, become flexible and persistence learners and appreciate the need for lifelong learning.
5.	S.Y.B.Sc Sem-III	CH-301: Physical and Inorganic Chemistry	<ul style="list-style-type: none"> Know the qualitative properties of solution, the depression in freezing point, elevation in boiling point and osmotic pressure. Calculate molar and normal solution of various concentrations. Explains the application of colligative properties in determining molecular mass. Know the qualitative properties of solution, the depression in freezing point, elevation in boiling point and osmotic pressure. Compares the general characteristics electronic configuration of lanthanides and actinides, uses of lanthanides and actinides.
6.	S.Y.B.Sc Sem-III	CH-302: Organic and Inorganic Chemistry	<ul style="list-style-type: none"> This course gives the quantitative ideas about the synthesis, properties and uses of such heterocyclic compounds like pyrole, pyridine quonolene, thiophene, furan etc.. Different methods for the preparation of important Hetero cycles and their important reactions. Aromaticity, Huckel's rule and its applications

			<ul style="list-style-type: none"> Explains the different types of structural and stereo isomers CO₂ Represent organic molecules by Fischer, Flying wedge, Sawhorse and Newman projection formulas , Conformational isomerism of ethane, n-butane, cyclohexane, Conformational analysis of 1,4 cis and trans disubstituted cyclohexane. Explains the theories of acids and bases. Different solvents and solubility. Hard and soft acids and bases: definitions, Pearson HSAB concept, theories of Hardness and softness, application and limitation of HSAB concepts
7.	S.Y.B.Sc Sem-III	CH-303 Chemistry Practical	<ul style="list-style-type: none"> Determine the miscibility temperature of phenol- water system Experimental demonstration of Conductometric and Potentiometric titrations of strong acid against strong base, weak acid against strong base. Simple Organic and Inorganic derivatives preparations
8.	S.Y.B.Sc Sem-III	CH-304 Basic Analytical Chemistry	<ul style="list-style-type: none"> Develops accuracy and precision in doing experiments, understands the different errors and methods for minimizing errors. Explanation of MSDS. Explain significant figures, absolute error, relative error, mean, median, Give the theory behind the qualitative and quantitative analysis conducted in the laboratory. Study the importance of safety and security, responsibility types of hazards and risk in chemical laboratory. Understand the use of personal protective and other safety equipment's, handling of chemical in laboratory. Understand the route of explores for toxic chemicals. Learn good laboratory practices and its applications. Students are enabling to aware about PH, POH, derivation of Henderson's equation, conduct acid base titrations, Different indicators used in titrations, complex metric titrations, Applications of titrations

			<ul style="list-style-type: none"> • Students are Enable to aware about Classification of chromatography, Mobile phase and stationary phase, Study the instrumentation, sample injection system, columns for HPLC and GC, Solvent treatment system and choice of mobile phase. To give an extended knowledge about chromatographic
9.	S.Y.B.Sc Sem-IV	CH-401: Physical and Inorganic Chemistry	<ul style="list-style-type: none"> • Free energy and equilibrium, Gibbs and Helmholtz energies, spontaneous and non-spontaneous reactions, changes in enthalpy, Entropy and free energy of reactions, Derivations of Clausius and Celsius chaperon equations. • Electrochemistry discussed electrical properties of ionic solutions. Different types of cells and their formulations, applications. Solve the cell reactions and calculate cell EMF. • Double salts and coordination compounds, coordination complexes and complex ions, coordination number, Unidentate, bidentate and polydentate ligands, chelating ligand and chelates, physical methods used in study of complex, Nomenclature of coordination compounds. • Theoretical knowledge about metals, non-metals and semiconductors. Understand the p-type semiconductor and n-type semiconductor. Their preparations and uses.
10.	S.Y.B.Sc Sem-IV	CH-402: Organic and Inorganic Chemistry	<ul style="list-style-type: none"> • Synthesis of organic reaction is itself involves a large part of organic chemistry. This is called synthetic organic chemistry. This chapter involves different synthetic reagents for synthesis of malonic ester and Acetoacetic ester. • Organometallic compounds are very important in biological bodies like haemoglobin, • Chlorophylls, Vitamin B12 and also, they can be used as chemical reagent. This course discussed about the synthesis and properties of these organometallics of Zinc, Magnesium, Lithium and Copper.

			<ul style="list-style-type: none"> To understand different theories like MOT, VBT, CFT, LCAO, Compare MO and VB theory, Know the meaning of various terms involved in coordination Chemistry, To understand Werner's formulation of complexes and identify the types of valences, Know the limitations of VBT, Know the shapes of d-orbitals and degeneracy of d-orbitals, Explain MO Theory and draw the MO diagrams for H₂, He₂, B₂, N₂, O₂, CO and NO
11.	S.Y.B.Sc Sem-IV	CH-403: Chemistry Practical	<ul style="list-style-type: none"> Experiments based on Gravimetric and Colorimetric analysis. Gravimetric estimation of Barium, Sulphate, Calcium using silica crucible Organic qualitative analysis in small quantity helps in type determination and reducing the consumption of chemicals. Determine the physical constants like boiling point and melting point of organic compounds. Recrystallisation of organic compounds from alcohol and water. Identify the organic compounds. Paper chromatography
12.	S.Y.B.Sc Sem-IV	CH-404: Advance Analytical Chemistry	<ul style="list-style-type: none"> To understand redox reaction Complexometric titrations & its applications Introduction of gravimetric analysis
13.	T.Y.B.Sc Sem-V	CH -351 Physical Chemistry	<ul style="list-style-type: none"> To orient and acquaint the students towards the basic concepts of Quantum Chemistry To acquire knowledge about rates of chemical reactions and distinguishing the reaction of different order and their characteristics. To understand the basic principles of phase rules and phase diagrams. To learn the underlying principles of electrode reactions, electrochemical cells and applications of EMF.
14.	T.Y.B.Sc Sem-V	CH -352 Inorganic Chemistry	<ul style="list-style-type: none"> To describe the VSEPR theory to predict shape of molecules from electron pairs. To describe the bonding in simple compounds using VBT.

			<ul style="list-style-type: none"> • To describe the principles of VBT to predict hybridization of orbitals. • To understand how CFT explains electronic structure, colour and magnetic properties of co-ordination compounds. • To introduce the basic principles of MOT and electronic geometry of molecules.
15.	T.Y.B.Sc Sem-V	CH -353 Organic Chemistry	<ul style="list-style-type: none"> • Synthesis of organic reaction is itself involves a large part of organic chemistry. This is called synthetic organic chemistry. This is discussed in a simple way for some simple molecule to the students. This includes fragmentation and retrosynthetic analysis and also finding synthon or reactive starting molecule of a target molecule. • Pericyclic reactions are used in a vast way in nature and also by organic chemist. • This course gives the student the theoretical basis of this kind of reaction and also helps them to find a way to carry out these types of reaction. the reactivity and stability of an organic molecule based on structure, including conformation and stereochemistry an understanding of nucleophiles, electrophiles, electronegativity, and resonance the prediction of mechanisms for organic reactions • how to use their understanding of organic mechanisms to predict the outcome of reactions • how to design syntheses of organic molecules • how to determine the structure of organic molecules using IR and NMR spectroscopic techniques
16.	T.Y.B.Sc Sem-V	CH- 354 Analytical Chemistry	<ul style="list-style-type: none"> • The course gives an introduction to inorganic and organic analytical chemistry, including basic analytical methods. • Explain the theoretical principles and important applications of classical analytical methods. • Explains all theoretical principles of various separation techniques in

			chromatography, and typical applications of chromatographic techniques.
17.	T.Y.B.Sc Sem-V	CH -355 Industrial Chemistry	<ul style="list-style-type: none"> • To produce graduates with enhanced skills, applied knowledge, aptitude to carry out higher studies or research and development in the various industrial areas. • To make the student cognizant about important aspects of Chemical Industries, Industrial work culture and environment. • To prepare the students for immediate entry to the workplace with sound theoretical knowledge and some basic experimental concepts in the area of various industries viz. Sugar Industry, Fermentation Industry, Petroleum and Petrochemicals. • To offers the synergism between basic concepts of Chemistry with Industrial applications. • To equip the students with knowledge of some industrial organic synthesis as requirement of diverse chemical industries. • Empower the students to understand the concepts in chemical processing, engineering and industrial development.
18.	T.Y.B.Sc Sem-V	CH -356 (A) Bio Chemistry	<ul style="list-style-type: none"> • Students will study biomolecules like carbohydrates, amino acids, proteins, enzymes, lipids and nucleic acids. • Students will understand definitions, classifications and examples of these biomolecules. • Students will learn the detailed structure of these biomolecules along with types of bonds or linkages present in their molecules. • Students will learn the chemical properties of these biomolecules and the action of some reagents on them in the form of reactions or graphical presentation. • Students will understand biochemical energetics of common energy rich compounds along with hydrolytic reactions.

			<ul style="list-style-type: none"> Students will learn metabolisms like Glycolysis, TCA cycle, Transamination, deamination and β- oxidation through reactions, enzymes involved, outlines and energetics.
19.	T.Y.B.Sc Sem-VI	CH -361 Physical Chemistry	<ul style="list-style-type: none"> To learn the basics of molecular spectroscopy and rotational spectra. To understand the basic principles and applications of nuclear chemistry. To learn the consequences of light absorption by atoms and molecules and photochemical reactions. To learn the laws of crystallography and basics of crystal structure.
20.	T.Y.B.Sc Sem-VI	CH -362 Inorganic Chemistry	<ul style="list-style-type: none"> The bonding fundamentals for both ionic and covalent compounds, including electronegativities, bond distances and bond energies using MO diagrams and thermodynamic data predicting geometries of simple molecules The fundamentals of the chemistry of the main group elements, and important real world applications of many of these species The use of group theory to recognize and assign symmetry characteristics to molecules and objects, and to predict the appearance of a molecule's vibrational spectra as a function of symmetry The bonding models, structures, reactivities, and applications of coordination complexes, boron hydrides, metal carbonyls, and organometallics
21.	T.Y.B.Sc Sem-VI	CH -363 Organic Chemistry	<ul style="list-style-type: none"> This semester have fragmentation and retrosynthetic analysis and also finding synthon or reactive starting molecule of a target molecule. Pericyclic reactions are used in a vast way in nature and also by organic chemist. This course gives the student the theoretical basis of this kind of reaction and also helps them to find a way to carry out these types of reaction. the reactivity and stability of an organic molecule based on structure, including conformation and

			<p>stereochemistry an understanding of nucleophiles, electrophiles, electronegativity, and resonance the prediction of mechanisms for organic reactions</p> <ul style="list-style-type: none"> • how to use their understanding of organic mechanisms to predict the outcome of reactions 5. how to design syntheses of organic molecules • how to determine the structure of organic molecules using IR and NMR spectroscopic techniques
22.	T.Y.B.Sc Sem-VI	CH- 364 Analytical Chemistry	<ul style="list-style-type: none"> • To develop an understanding of the range and uses of analytical methods in spectrometry. • To understand and establish the role of chemistry in quantitative analysis using IR and Thermal methods. • To enhance the Analytical instrumental skill of the students.
23.	T.Y.B.Sc Sem-VI	CH -365 Industrial Chemistry	<ul style="list-style-type: none"> • To produce graduates with enhanced skills, applied knowledge, aptitude to carry out higher studies or research and development in the various industrial areas. • To make the student cognizant about important aspects of Chemical Industries, Industrial work culture and environment. • To prepare the students for immediate entry to the workplace with sound theoretical knowledge and some basic experimental concepts in the area of various industries viz. Sugar Industry, Fermentation Industry, Petroleum and Petrochemicals. • To offers the synergism between basic concepts of Chemistry with Industrial applications. • To equip the students with knowledge of some industrial organic synthesis as requirement of diverse chemical industries. • Empower the students to understand the concepts in chemical processing, engineering and industrial development.

24.	T.Y.B.Sc Sem-VI	CH -366 (C) Polymer Chemistry	<ul style="list-style-type: none"> • Define terms like monomer, polymer, polymerization, polydispersity index, etc., classify polymers based on their origin, native backbone chain, and thermal response. • Know glass transition temperature and its determination, various ways to express molecular weights of polymers and polydispersity index. • Identify different mechanisms of polymerizations viz. free radical, ionic, and condensation polymerizations. • Distinguish techniques of polymerization based on physical conditions required for the preparation of polymers in laboratory or industry. • Familiar with preparation, properties, and applications of industrially important selected polymers.
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Department of Physics

➤ Programme Outcomes: B.Sc. Physics:-

After successful completion of three-year degree program in Physics a student should be able to

Sr. No.	PO's
1.	Demonstrate and think in depth to understand the minor and major concepts in scientific and technological aspects in all disciplines of physics.
2.	Enrich the knowledge through problem solving and also think methodically to draw a logical conclusion.
3.	Develop analytical abilities towards real world problems and create an awareness of the impact of Physics on the society.
4.	Develop awareness to use modern techniques, decent equipment's, and also the scientific knowledge to design record and analyse the results of Physics experiments.

➤ **Programme Specific Outcomes: B.Sc. Physics:-**

Sr. No.	PSO's
1.	To have the knowledge of Physics through theory and practical's as well as knowledge of basic concepts of Physics in depth.
2.	To solve the problems in real life situations by applying various laws of Physics.
3.	To understand good laboratory practices and safety which can be useful in higher studies in Physics as well as other than Physics also
4.	. To develop the research-oriented skills to handle the sophisticated instruments /equipment's

➤ **Course Outcomes:B.Sc. Physics: -**

Sr.No.	Class	Course	Course Outcomes
1.	F.Y.B.Sc Sem-I	PHY-101: Basic Mechanics	<ul style="list-style-type: none"> • Apply the concept of use of knowledge of mechanics to real life problems. • Understanding of the course will create scientific temperament. • The students would learn about the behaviour of physical bodies it provides the basic concepts related to the motion of all the objects around us in our daily life. • The velocity and acceleration parameter give the knowledge about how the vehicles Move.
2.	F.Y.B.Sc Sem-I	PHY-102: Dynamics and Elasticity	<ul style="list-style-type: none"> • Study the behaviour of rigid body dynamics • To make the students to understand the dynamics involved in a rigid body. • Learn how Young's modulus and rigidity modulus are defines and how they are evaluated for different shapes of practical relevance
3.	F.Y.B.Sc Sem-II	PHY-201: Electricity and Electrostatics	<ul style="list-style-type: none"> • Gain knowledge of Gauss laws and solve the electric field for various geometric objects

			<ul style="list-style-type: none"> • To understand the basic concepts of Electric field and Electric Potential.
4.	F.Y.B.Sc Sem-II	PHY-202: Dielectrics, Magnetism And Electromagnetis m	<ul style="list-style-type: none"> • Enable to understand the concept of magnetic field. • Understand the faradays laws of electromagnetic induction • Enable to familiarize with the laws of electromagnetic induction • Thorough knowledge in the basic concept of electromagnetic induction • Able to derive the Maxwell's equation in free space and material media
5.	S.Y.B.Sc Sem-III	PHY-301: Thermodynamic s and Kinetic theory of gases	<ul style="list-style-type: none"> • Understand the concept of thermodynamics and their laws. • Understand the Heat Engine and there uses • Describe the thermodynamic function and their relations • To study Maxwell Relations and Application.
6.	S.Y.B.Sc Sem-III	PHY-302 (A): Electronics –I	<ul style="list-style-type: none"> • Understand the basics of diode and working of rectifier circuits and characteristics • Analyse the characteristics of transistor and transistor biasing circuits • Understand the basic knowledge of semiconductor physics • Learn how to construct a transistor amplifier and how its gain varies with frequency • Understand the fundamentals of codes and number system • Understand the binary arithmetic , logics and Boolean functions
7.	S.Y.B.Sc Sem-III	PHY 304: Skill Enhancement Course	<ul style="list-style-type: none"> • Know the need of renewable energy resources, historical and latest developments • Describe the use of solar energy and the various components used in the energy production with respect to applications like - heating, cooling, desalination, power generation, drying, cooking etc. • Appreciate the need of Wind Energy and the various components used in energy generation and know the classifications.

			<ul style="list-style-type: none"> • Understand the concept of Biomass energy resources
8.	S.Y.B.Sc Sem-IV	PHY 401: Waves, Oscillations and Acoustics	<ul style="list-style-type: none"> • Apply the concept of use of knowledge of Waves and Sound to real life problems • Familiarise with general terms in acoustics like intensity, loudness, reverberation etc, and study in detail about production, detection, properties and uses of ultrasonic waves • Analyse waves and oscillations
9.	S.Y.B.Sc Sem-IV	PHY 402: Optics and LASERS	<ul style="list-style-type: none"> • Understand the natural behaviour of aberration in lens • Study the theory and experiment of interference using air wedge, newtons rings etc. • Study the theory of diffraction by Fresnel's and Fraunhofer methods • Study the theories for production of polarization of light • Explain different Laser used and make a comparison between them. • Apply the gained basic knowledge of laser and working of different type of lasers
10.	S.Y.B.Sc Sem-IV	PHY 404: Electrical Circuits and Network Skills	<ul style="list-style-type: none"> • After the completion of the course the student will acquire necessary skills/ hands on experience /working knowledge on millimetres, voltmeters, ammeters, electric circuit elements, dc power sources, ac/dc generators, inductors, capacitors, transformers, single phase and three phase motors, interfacing dc/ac motors to control and measure, relays and basics of electrical wiring. • Study circuits in a systematic manner suitable for analysis and design. • Analyze the electric circuit using network theorem.
11.	T.Y.B.Sc Sem-V	PHY 351: Mathematical Physics	<ul style="list-style-type: none"> • Apply the concept and knowledge of Mathematical physics to understand and solve real life problems. • Understanding of the course will create scientific temperament.
12.	T.Y.B.Sc Sem-V	PHY-352: Classical Mechanics	<ul style="list-style-type: none"> • Introduction to Classical Mechanism • Understand the concept of central force field

			<ul style="list-style-type: none"> • Hamiltonian formulation • Properties & Application of Lagrange's equation.
13.	T.Y.B.Sc Sem-V	PHY- 353: Atomic and Molecular Physics	<ul style="list-style-type: none"> • Apply the concept and knowledge of Atomic and Molecular Physics to understand and solve the real-life problems. • Understanding of the course will create scientific temperament.
14.	T.Y.B.Sc Sem-V	PHY: 354(A): Electronics II	<ul style="list-style-type: none"> • Apply the concept and use of knowledge of Electronics and Digital Electronics to real life problems. • Understanding of the course will create scientific temperament.
15.	T.Y.B.Sc Sem-V	PHY 355: Solid State Physics	<ul style="list-style-type: none"> • Apply the concept and use of knowledge of Solid-state Physics understand and solve the real-life problems. • Understanding of the course will create scientific temperament.
16.	T.Y.B.Sc Sem-V	PHY 356(A): Technical Electronics- I	<ul style="list-style-type: none"> • Apply the concept of use of knowledge of Technical Electronics to real life problems. • Understanding of the course will create scientific temperament.
17.	T.Y.B.Sc Sem-VI	PHY 361: Classical Electrodynamics	<ul style="list-style-type: none"> • To apprise the students regarding the concept of electrodynamics and Maxwell equations and use them various situations.
18.	T.Y.B.Sc Sem-VI	PHY 362: Quantum Mechanics	<ul style="list-style-type: none"> • Apply the concept and use of knowledge of Quantum Mechanics to real life problems. • Understanding of the course will create scientific temperament.
19.	T.Y.B.Sc Sem-VI	PHY 363: Nuclear Physics	<ul style="list-style-type: none"> • Apply the concept and use of knowledge of Nuclear Physics to understand and solve the real-life problems. • Understanding of the course will create scientific temperament.
20.	T.Y.B.Sc Sem-VI	PHY: 364: Statistical Mechanics and Thermodynamic s	<ul style="list-style-type: none"> • To understand the properties of macroscopic systems using the knowledge of the properties of individual particles.
21.	T.Y.B.Sc Sem-VI	PHY 365: Elements of Material Science	<ul style="list-style-type: none"> • Apply the concept of use of knowledge of Material Science to real life problems. • Understanding of the course will create scientific temperament.

22.	T.Y.B.Sc Sem-VI	PHY 366(A): Technical Electronics- II	<ul style="list-style-type: none"> • Apply the concept of use of knowledge of Technical Electronics to real life problems. • Understanding of the course will create scientific temperament.
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Department of Mathematics

➤ Programme Outcomes: B.Sc. Mathematics:-

After Taking Mathematics in F.Y.B.Sc & S.Y.B.Sc our program mission is

Sr. No.	PO's
1.	To equip students with analytic and problem-solving skills for careers and graduate work.
2.	Student will be well grounded in the basic manipulative skills level of algebra, geometry, trigonometry and beginning level calculus.
3.	Be able to transmit mathematics ideas both orally and in writing.
4.	Investigate and solve unfamiliar math problems.
5.	Investigate and apply mathematical problems and solutions in a variety of contexts
6.	Scientific temper will be developed in Students.
7.	Students will acquire basic Practical skills & Technical knowledge along with domain knowledge of different subjects in the science stream.
8.	Apply mathematical methods involving arithmetic, algebra, geometry, and graphs to solve problems.
9.	Students will possess basic subject knowledge required for higher studies.
10.	Professional and applied courses like Mathematics, Financing, Banking, Competitive Exam etc.
11.	Represent mathematical information and communicate mathematical reasoning symbolically and verbally.

➤ Programme Specific Outcomes: B.Sc. Mathematics:-

Sr. No.	PSO's
1.	A student should be able to recall basic facts about mathematics and should be able to display knowledge of conventions such as notations, terminology.
2.	A student should get adequate exposure to global and local concerns that explore them many aspects of mathematical sciences.
3.	Student is equipped with mathematical modelling ability, problem solving skills, creative talent and power of communication necessary for various kinds of employment.
4.	Student should be able to apply their skills and knowledge that is translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.
5.	Enabling students to develop a positive attitude towards mathematics as an interesting and valuable subject of study.

➤ Course Outcomes: B.Sc. Mathematics: -

Sr. No.	Class	Course	Course Outcomes
1.	F.Y.B.Sc Sem-I	MTH 101: Matrix Algebra	<ul style="list-style-type: none"> • Understand concepts on matrix operations and rank of the matrix. • Understand use of matrix for solving the system of linear equations. • Understand basic knowledge of the Eigen values and Eigen vectors. • Apply Cayley-Hamilton theorem to find the inverse of the matrix. • Know the matrix transformation and its applications in rotation, reflection, translation.
2.	F.Y.B.Sc Sem-I	MTH 102: Calculus	<ul style="list-style-type: none"> • Understand basic concepts on limits and continuity. • Understand use of differentiations in various theorems. • Know the Mean value theorems and its applications. • Make the applications of Taylor's,

			<p>Maclaurin's theorem.</p> <ul style="list-style-type: none"> • Know the applications of calculus.
3.	F.Y.B.Sc Sem-I	MTH-103(B) Graph Theory	<ul style="list-style-type: none"> • Make the applications Graph, Simple graph, Multigraph, Hand shaking lemma, Types of Graphs, Operations on graphs, Subgraphs, Isomorphism of graphs, Walk, path, cycles • Solving examples of Connected and disconnected Graphs, bridges, cut vertices, edge connectivity and vertex connectivity, Eulerian graph, Hamiltonian Graph, Planer Graph, Euler's Formula for planer graphs, Kuratowski's two graph, Geometrical dual • Solve problems on Definition and some properties of trees, Distance and Centre in a tree, Definitions of Rooted and Binary trees, spanning trees, Minimal Spanning trees, Directed graphs, some types of digraphs.
4.	F.Y.B.Sc Sem-II	MTH 201: Ordinary Differential Equations	<ul style="list-style-type: none"> • understand basic concepts in differential equations. • understand method of solving differential equations • understand use of differential equations in various fields.
5.	F.Y.B.Sc Sem-II	MTH 202: Theory of Equations	<ul style="list-style-type: none"> • Students can find out roots of any equation of degree less than or equal to five. Theory of equations is highly useful in various subjects like algebra, linear algebra, calculus, ordinary and partial differential equations etc.
6.	F.Y.B.Sc Sem-II	MTH 203(B): Numerical Analysis	<ul style="list-style-type: none"> • understand basic concepts of methods of solutions of equations viz. bisection, iteration, Newton-Raphson methods and method of false position. • understand methods of curve fitting viz. Gauss's forward and backward difference formulae and Lagrange's interpolation formula. • use of curve fitting such as least square, polynomial and exponential fittings set of given data. • use Taylor's series, Euler's method. Modified Euler's method., Runge Kutta method

			<ul style="list-style-type: none"> • methods for solving ordinary differential equations
7.	S.Y.B.Sc Sem-III	MTH -301: Calculus of Several Variables	<ul style="list-style-type: none"> • limit and continuity of functions of several variables • Fundamental concepts of multivariable Calculus. • Series expansion of functions. • Extreme points of function and their maximum, minimum values at those points. • Meaning of definite integral as limit as sums. • How to solve double and triple integration and use them to find area by double integration and volume by triple integration.
8.	S.Y.B.Sc Sem-III	MTH -302(A): Group Theory	<ul style="list-style-type: none"> • Understand group and their types which is one of the building blocks of pure and applied mathematics. • understand Lagrange's, Euler and Fermat theorem • understand concept of automorphism of groups • understand concepts of homomorphism and isomorphism e) understand basic • Properties of rings and their types such as integral domain and field.
9.	S.Y.B.Sc Sem-III	MTH 304: Set Theory and logic	<ul style="list-style-type: none"> • Uses of the language of set theory, designing issues in different subjects of mathematics • understand the issues associated with different types of finite and infinite sets via countable uncountable sets • knowledge of the concepts and methods of mathematical logic, set theory, relation calculus, and concepts concerning functions which are included in the fundamentals of various disciplines mathematics • understanding the role of propositional and predicate calculus able to provide • the logical mathematical reasoning, formulate theorems and definitions

10.	S.Y.B.Sc Sem-IV	MTH -401: Complex Variables	<ul style="list-style-type: none"> • The course is aimed to introduce the theory for functions of complex variables • Students will understand the concept of analytic function • Students will understand the Cauchy Riemann Equations • Students will understand harmonic functions • Students will understand complex integrations • Students will understand calculus of residues. • Students will acquire the skill of contour integrations.
11.	S.Y.B.Sc Sem-IV	MTH- 402(A): Differential Equations	<ul style="list-style-type: none"> • Students will aware of formation of differential equations and their solutions • Students will understand the concept of Lipschitz condition • Students will understand method of variation of parameters for second order L.D.E. • Students will understand simultaneous linear differential equations and method of their solutions • Students will understand Pfaffian differential equations and method of their solutions • Students will understand difference equations and their solutions
12.	S.Y.B.Sc Sem-IV	MTH 404: Vector Calculus	<ul style="list-style-type: none"> • understand scalar and vector products • understand vector valued functions and their limits and continuity and use them to • estimate velocity and acceleration of partials. • Calculate the curl and divergence of a vector field. • Set up and evaluate line integrals of functions along curves.

5.	Students Were made to find diversity in flora around them, its importance and need of conservation. The importance of physiology in crop field.
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➤ **Course Outcomes:B.Sc. Botany: -**

Sr. No.	Class	Course	Course Outcomes
1.	F.Y.B.Sc Sem-I	BOT-101: Microbial Diversity, Algae & Fungi	<ul style="list-style-type: none"> • Student studied the diversity among the microbes. • Students had known the systematic morphology and structures of bacteria, viruses' algae and fungi.
2.	F.Y.B.Sc Sem-I	BOT-102: Plant Taxonomy	<ul style="list-style-type: none"> • Student studied the diversity among angiosperms. • To understand the economic importance of the Angio spermic plants.
3.	F.Y.B.Sc Sem-II	BOT-201: Diversity of Archegoniate	<ul style="list-style-type: none"> • To studied the Silent features of Archegoniate. • Student makes aware about higher cryptogams and Gymnosperms
4.	F.Y.B.Sc Sem-II	BOT-202: Plant Ecology	<ul style="list-style-type: none"> • Students aware about the conservation about biodiversity. • To study the botanical regions of India and types of vegetation in Maharashtra.
5.	S.Y.B.Sc Sem-III	BOT-301: Plant Anatomy	<ul style="list-style-type: none"> • To know the scope and importance of Plant Anatomy. • To study various tissue system.
6.	S.Y.B.Sc Sem-III	BOT-302: Plant Physiology	<ul style="list-style-type: none"> • To know the importance and scope of Plant Physiology. • To study the different processes in relation with structure of organism and its environment.
7.	S.Y.B. Sc Sem-III	BOT-304: Mushroom Culture Technology	<ul style="list-style-type: none"> • To learn the history, scope and importance of mushroom technology • To understand nutritional and medicinal values of edible mushrooms • To know about the storage, marketing and various food preparations of mushrooms. • To understand the economics of mushroom cultivation.

8.	S.Y.B.Sc Sem-IV	BOT-401: Plant Embryology	<ul style="list-style-type: none"> • To know the scope and importance of Embryology. • To Study the Pollination, Fertilization Endosperm and Embryogenic.
9.	S.Y.B.Sc Sem-IV	BOT-402: Plant Metabolism	<ul style="list-style-type: none"> • To study the scope and importance of plant metabolism. • To know the process of Photosynthesis in higher plants, C3, C4 and CAM pathway.
10.	S.Y.B. Sc Sem-IV	BOT-404: Nursery and Gardening	<ul style="list-style-type: none"> • To know the concept of nursery and Gardening. • To improve the skills for growing fresh and safe vegetables. • To create awareness about home gardening. • To develop different skills regarding the gardening operations among the students
11.	T.Y.B.Sc Sem-V	BOT. 351, PAPER – I CRYPTOGAMS	<ul style="list-style-type: none"> • To study salient features of Cryptogamic plants. • To make students aware of the status of cryptogams as a group in plant kingdom. • To study the life cycles of selected genera. • To study economic and ecological importance of Cryptogamic plants.
12.	T.Y.B.Sc Sem-V	BOT.352, PAPER-II ANGIOSPERM TAXONOMY	<ul style="list-style-type: none"> • To study status of angiosperms in plant kingdom • To study origin of Angiosperms with respect to time, place, origin and probable ancestors. • To study Pre-Darwinian and Post-Darwinian systems of Classification. • To study various angiosperm families emphasizing their morphology, distinctive features and biology. • To know the role of cytology and Phytochemistry in Taxonomy.
13.	T.Y.B.Sc Sem-V	BOT. 353, PAPER- III CELL AND MOLECULAR BIOLOGY	<ul style="list-style-type: none"> • To introduce the students with “Cell Science”. • To study Cell wall Plasma membrane, Cell organelles and cell division. • To study the scope and importance of molecular biology. • To study the biochemical nature of nucleic acids, their role in living systems, experimental evidences to prove DNA as a genetic material.

			<ul style="list-style-type: none"> To understand the process of synthesis of proteins and role of genetic code in polypeptide formation.
14.	T.Y.B.Sc Sem-V	BOT. 354, PAPER-IV ADVANCED PLANT PHYSIOLOGY	<ul style="list-style-type: none"> To learn and understand about mineral nutrition in plants. To study the growth and developmental processes in plants. To learn about movement in plants. To study the process of translocation of solutes in plants To Study the nitrogen metabolism and its importance
15.	T.Y.B.Sc Sem-V	BOT.355, PAPER-V PLANTECOLOGY AND PHYTOGEOGRA PHY	<ul style="list-style-type: none"> To know scope and importance of the discipline. To study plant communities and ecological adaptations in plants. To know about conservation of biodiversity, Non-conventional Energy and Pollution. To study botanical regions of India and vegetation types of Maharashtra. To study Bioremediation, Global warming and climate change.
16.	T.Y.B.Sc Sem-V	BOT. 356.1, PAPER-VI [OPTIONAL PEPR-I] PLANT BIOTECHNOLOG Y	<ul style="list-style-type: none"> To introduce the students with current status and future of biotechnology in India. To acquaint with advance knowledge of different instruments related to biotechnology. To acquaint with the importance of interdisciplinary approaches of Biotechnology. To recognize the impact of biotechnology on socioeconomic aspects of life. To develop the knowledge of industrial application of biotechnology. To develop the skills among the students for employment or entrepreneurship.
17.	T.Y.B. Sc Sem-VI	BOT. 361: PAPER I GYMNOSPERMS & PALEOBOTANY	<ul style="list-style-type: none"> To study Gymnosperms with respect to distinguishing characters, comparison with Angiosperms, economic importance and classification. To study the life cycles of Pinus and Gnetum. To study the scope of Palaeobotany, types of fossils and geological time scale.

			<ul style="list-style-type: none"> • To study the various fossil genera representing different fossil groups
18.	T.Y.B.Sc Sem-VI	BOT. 362: Paper-II ANATOMY AND EMBRYOLOGY	<ul style="list-style-type: none"> • To know scope & importance of Anatomy and Embryology. • To study various tissue systems. • To study normal and anomalous secondary growth in plants and their causes. • To give exposure to techniques in anatomy • To study structure and development in microsporangium and megasporangium • To study microsporogenesis and megasporogenesis • To study male and female gametophytes • To study fertilization, endosperm and embryogenic
19.	T.Y.B.Sc Sem-VI	Paper - III BOT : 363 GENETICS, PLANT BREEDING AND EVOLUTION	<ul style="list-style-type: none"> • To introduce the students with “Science of Heredity”. • To study the role of genes in evolution of species. • To study linkage, segregation and mutation of genes during evolution. • To introduce the student with science of plant breeding • To introduce the student with branch of plant breeding for the survival of human being from starvation. • To study the techniques of production of new superior crop varieties. • To study the evolution in living organisms.
20.	T.Y.B.Sc Sem-VI	BOT- 364 PAPER- IV PLANT BIOCHEMISTRY	<ul style="list-style-type: none"> • To introduce the students with current status of Biochemistry. • To recognize the impact of Biochemistry on socioeconomic aspects of life. • To develop the knowledge of industrial application of Biochemistry • To inculcate the students with the importance of Biomolecules.
21.	T.Y.B. Sc Sem-VI	Bot. 365 Botany Paper – V Applied Botany	<ul style="list-style-type: none"> • To know importance and scope of botanical science in the industries. • To study role of microbial plants in fermentations process. • To study the process of cultivation of cash crops. • To study some plants which are used as herbal cosmetics.

			<ul style="list-style-type: none"> • To study technique of plant tissue culture and its application. • To study the role plants in forensic science.
22.	T.Y.B. Sc Sem-VI	BOT.366.3 Paper VI :(Optional Paper-III) HORTICULTURE	<ul style="list-style-type: none"> • To know horticulture, its scope, disciplines and importance • To know horticulture zones of Maharashtra and India • To understand different horticultural practices and their methods • To study importance, principles and types of Bahar treatment • To study role played by green and polyhouses in horticulture • To study production technology, harvesting techniques and marketing of crops grown especially in Khandesh region of Maharashtra • To understand methods of preservation and preparation of preserved products prevailing especially in this part of the state

Department of Zoology

➤ Programme Outcomes: B. Sc Zoology: -

After successful completion of three-year degree program in Zoology a student should be able to

Sr. No.	PO's
1.	Possess a good command of fundamentals in Zoology and its relationship to other disciplines.
2.	Memorize the concepts of laboratory management, organization and evaluation.
3.	Recognize the management and concepts of bio-systems, organization and evaluation.
4.	Design and conduct experiments in Zoology
5.	Outline the policy and legislation of animal Science and ethics.
6.	Communicate effectively through writing reports, giving presentations, and participating in discussions

7.	Demonstrate skill in the usage of computers, networks, and software packages relevant to Zoology
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➤ **Programme Specific Outcomes: B. Sc Zoology: -**

Sr. No.	PSO's
1.	Achieve excellence in academic and scientific research in the field of Zoology.
2.	Develop and implement ways and means to ensure quality performance and outputs of Zoology program.
3.	Use modern technology in education and scientific research in Zoology.
4.	Implement advanced training to improve the skills of graduates in Zoology and related fields.
5.	Create academic and scientific environment to attract outstanding faculty, researchers and students.
6.	Improve the national and international partnerships with academic institutions and research canter.
7.	Amelioration in presentation skill with specific purpose
8.	Object orientated computer skill.

➤ **Course Outcomes: B.Sc Zoology: -**

Sr. No.	Class	Course	Course Outcomes
1.	F.Y.B. Sc Sem-I	ZOO: 101 Animal Diversity I	<ul style="list-style-type: none"> • Understand classification of Protista. • Study General Characters and classification up to classes. • Describe and classify phylum Platyhelminthes and identify the problems caused by parasitic forms • Understand the anatomical features of non- chordates through type study of Phylum Arthropoda
2.	F.Y.B.Sc Sem-I	ZOO: 102 Animal Diversity II	<ul style="list-style-type: none"> • Describe and classify branch Pisces, with examples and salient features • Study the Generate an understanding about phyla. • Classify mammals and interpret general evolutionary relationships among and between these animal groups.

3.	F.Y.B.Sc Sem-II	ZOO: 201 Comparative Anatomy of Vertebrates	<ul style="list-style-type: none"> • Understand Derivatives of integument w.r.t. glands and digital tips. • Describe comparative anatomy of Vertebrates. • Discuss Brief account of alimentary canal and digestive glands. • Identify Types of receptors.
4.	F.Y.B.Sc Sem-II	ZOO: 202 Developmental Biology of Vertebrates	<ul style="list-style-type: none"> • Describe Early Embryonic Development. • Differ Fundamental processes in development • Explain in brief Types of placenta on the basis of histology • Understand Developmental biology of Vertebrates
5.	S.Y.B.Sc Sem-III	ZOO:301 Physiology	<ul style="list-style-type: none"> • Understand Structure of a neuron. • Understand about Absorption of carbohydrates, proteins, lipids. • Describe Respiratory volumes and capacities. • Acquire knowledge regarding Structure of Heart and Endocrine glands
6.	S.Y.B.Sc Sem-III	ZOO:302 Biochemistry	<ul style="list-style-type: none"> • Describe Biosynthesis and β oxidation of palmitic acid. • Understand Classification of Enzymes • Develop knowledge of Enzyme Kinetics
7.	S.Y.B.Sc Sem-III	ZOO: 303 Physiology & Biochemistry	<ul style="list-style-type: none"> • Understand Preparation of hemin and hem chromogens • Understand about Estimation of total protein in given solutions by Lowry's method • Describe Study of permanent slides of spinal cord, duodenum, liver, lung, kidney, bone, cartilage
8.	S.Y.B.Sc Sem-III	SEC I Apiculture	<ul style="list-style-type: none"> • Understand Classification and Biology of Honey Bees • Acquire knowledge regarding Describe Artificial Bee rearing • Develop knowledge about Products of Apiculture Industry and its Uses • Understand about Modern Methods in employing artificial Beehives for cross pollination in horticultural gardens
9.	S.Y.B.Sc Sem-IV	ZOO 401 Genetics	<ul style="list-style-type: none"> • Understand about Mendel's work on transmission of traits

			<ul style="list-style-type: none"> • Understand Chromosome theory of inheritance • Describe definition of gene mapping & mutation • Students become familiar with Chromosomal mechanisms and methods
10.	S.Y.B.Sc Sem-IV	ZOO 402 Evolutionary Biology	<ul style="list-style-type: none"> • Understand about Major Events in History of Life • Describe Types of natural selection • Acquire knowledge regarding Biological species concept
11.	S.Y.B.Sc Sem-IV	ZOO 403 Genetics & Evolutionary Biology	<ul style="list-style-type: none"> • Describe Study of Linkage, recombination, gene mapping using the data • Understand about Study of homology and analogy from suitable specimens/ pictures • Students become familiar with Study of Mendelian Inheritance and gene interactions
12.	S.Y.B.Sc Sem-IV	SEC II Medical Diagnostics	<ul style="list-style-type: none"> • Describe Preparation of blood smear and Differential Leucocyte Count. • Develop knowledge about prevention of Diabetes • Understand about Diagnostic Methods Used for Urine Analysis
13.	T.Y.B.Sc Sem-V	Zoo: 351 Non- chordates III	<ul style="list-style-type: none"> • understand the systematic position, habit and habitat of Leech and Grasshopper • acquire the knowledge about structural and functional details about Leech as invertebrates and Grasshopper. • compare structural and functional details in Leech and Grasshopper.
14.	T.Y.B.Sc Sem-V	Zoo: 352 Cell and Molecular biology	<ul style="list-style-type: none"> • achieve the knowledge of cell structure and cellular system. • predict the outcome of various cellular reactions carried out in cell and cellular system under various conditions. • predict the role of genes and its relevance to human genetics and diseases.
15.	T.Y.B.Sc Sem-V	Zoo: 353 Mammalian Histology and Physiology I	<ul style="list-style-type: none"> • Define the basic terms in histology. • List the various types of tissues. • Identify the histological peculiarities in various organs. • Explain the location, structure and functions of various organs.

			<ul style="list-style-type: none"> • Students are taught the detailed concepts of digestion respiration excretion the functioning of nerves and muscles • Students gain fundamental knowledge of animal physiology
16.	T.Y.B.Sc Sem-V	Zoo:354 Biochemistry	<ul style="list-style-type: none"> • Describe Biosynthesis and β oxidation of palmitic acid. • Understand Classification of Enzymes • Develop knowledge of Enzyme Kinetics
17.	T.Y.B.Sc Sem-V	Zoo 355 Systematics, Evolution and Palaeontology	<ul style="list-style-type: none"> • Understand about Major Events in History of Life • Describe Types of natural selection • Acquire knowledge regarding Biological species concept • determine the principles on which the existing taxonomic system of naming is based. • study characters from different organisms (that have not been named or those that have been placed in wrong taxon) for remodelling, naming, or transferring to the most appropriate level/ taxon;
18.	T.Y.B.Sc Sem-V	Zoo 356C) Public health and hygiene	<ul style="list-style-type: none"> • Demonstrate some knowledge and understanding of the wider determinants of health and ill-health. • Demonstrate some knowledge and understanding of the roles of people and agencies who undertake work in the promotion of public health. • Demonstrate an awareness of the debates and dilemmas that may arise from the promotion of public health. • Get familiarised with various aspects of environmental risks and hazards. • Acquire knowledge regarding epidemiology, prevention, control and management of diseases of public health importance. • Learn about diagnosis of various diseases and methods to prevent them.
19.	T.Y.B.Sc Sem-VI	Zoo 361 Chordates-III	<ul style="list-style-type: none"> • Understand the systematic position, habit and habitat of Scoliodon. • Acquire the knowledge about structural and functional details about Scoliodon.

			<ul style="list-style-type: none"> • Compare structural and functional details in Scoliodon.
20.	T.Y.B.Sc Sem-VI	Zoo 362 General Embryology	<ul style="list-style-type: none"> • Understand the terms: Gametogenesis, Fertilization and early development. • Understand the Morphogenesis and Organogenesis in animals. • Understand the Aging, Apoptosis and Senescence.
21.	T.Y.B.Sc Sem-VI	Zoo 363 Mammalian Histology and Physiology-II	<ul style="list-style-type: none"> • Define the basic terms in histology. • List the various types of tissues. • Identify the histological peculiarities in various organs. • Explain the location, structure and functions of various organs. • Students are taught the detailed concepts of digestion respiration excretion the functioning of nerves and muscles • Students gain fundamental knowledge of animal physiology
22.	T.Y.B.Sc Sem-VI	Zoo 364 Research Methodology	<ul style="list-style-type: none"> • Describe basic concepts of research and its methodologies • Identify appropriate research topics and set up hypothesis • Perform literature review using library (print) and internet (online) resources • Design experiments/surveys, collect data and represent data in tables/figures • Analyze data with appropriate software tools, interpret results and draw conclusion • Write scientific report/ review/ thesis and prepare seminar/ conference presentations -oral as well as poster • Understand the methods of citation and referencing styles, check plagiarism and get insight of intellectual property right
23.	T.Y.B.Sc Sem-VI	Zoo 365 Microtechnique	<ul style="list-style-type: none"> • Differentiate among various methods of micro techniques. • Identification of the tools and instruments that used in the micro techniques. • How to prepare different types (plants and animal specimens) of glass slides. • Uses of the vital and artificial stains. In addition, the histochemical stains that are used.

			<ul style="list-style-type: none"> • Preparation of the films, squashes and completely mounted slides. • Differentiate different types of microscopes and their uses in the field of biology, additionally to the applications of the digital photography
24.	T.Y.B.Sc Sem-VI	Zoo 366 C) Applied Zoology III (Vermiculture, Poultry and Fisheries)	<ul style="list-style-type: none"> • To practice of vermicomposting, vermiculture and poultry farming, fishery. • To aspire to work in preparing bio compost, vermicomposting and vermiculture and get employment accordingly. • To start business for rearing and production of birds and get employment accordingly. • Acquire knowledge about different kinds of fishes, their compatibility in aquarium.

Department of Commerce

➤ Programme Outcomes: B.Com :-

After successful completion of three-year degree program in Commerce a student should be able to

Sr. No.	PO's
1	<ul style="list-style-type: none"> • Reveal knowledge of major theories and models in key areas of organizational behavior.
2	<ul style="list-style-type: none"> • To create self-confidence environment to our students and to offer reliable educational resources that can fill the academic standards and innovations.
3	<ul style="list-style-type: none"> • Analyze organizational problems and generate realistic solutions based on current academic research in organizational behavior.
4	<ul style="list-style-type: none"> • Demonstrate knowledge of microeconomic theory as it relates to markets, firms, government policy, and resource allocation.
5	<ul style="list-style-type: none"> • Demonstrate knowledge of key concepts underlying quantitative decision analysis.

➤ Programme Specific Outcomes: B.Com :-

Sr. No.	PSO's
1.	To create self-confidence environment to our students and to offer reliable educational resources that can fill the academic standards and innovations
2.	Demonstrate knowledge of microeconomic theory as it relates to markets, firms, government policy, and resource allocation.
3.	Demonstrate knowledge of key concepts underlying quantitative decision analysis.

➤ Course Outcomes: B.Com -

Sr. No.	Class	Course	Course Outcomes
1.	FYBCom	Financial Accounting & Costing	To introduce the concepts used in Cost Accounting, elements of costs and the concept of cost sheet.
2.		Computing Skills	To understand the how of accounting software works. To know the relevance of Tally accounting package in modern competitive world.
3.		Modern Office Management	To understand office layout and environment in modern context. To acquire the basic knowledge of office appliances and machines. To understand office system. To acquire knowledge of office meetings and proceedings.
4.		Principles & Practices Of Banking	To impart practical knowledge & applicability of theoretical concepts with routine examples.
5.		QUANTITATIVE TECHNIQUES	To study measurements and the statistical, mathematical, or numerical analysis of data collected through polls, questionnaires, and surveys, or by manipulating pre-existing statistical data using computational techniques.
6.	SYBCom	BUSINESS SKILL	To understand the significance and essence of a wide range of soft skills. To learn how to apply soft skills in a wide range of routine social and professional settings. To learn how to employ soft skills to improve interpersonal relationships. To Learn how to employ soft skills to enhance employability and ensure workplace and career success.
7.		BUSINESS AND TAX LAWS	Be acquainted with development of patents and environment protection act. Students to gain a better understanding of the negotiable instrument act. Learn how to analyse the legal constraints on business.

			Be able to face the problems on various sides of Business and TaxLaw.
8.		CORPORATE ACCOUNTING	To provide working knowledge of accounting principles and procedures for recording of transactions related to corporate entities. To provide working knowledge for preparing the corporate accounts and statements in accordance with the statutory requirements.
9.		COMPUTING MANAGEMENT	Demonstrate a basic understanding of computer hardware and software. Demonstrate problem-solving skills. Apply logical skills to programming in a variety of languages. Utilize web technologies. Present conclusions effectively, orally, and in writing. Demonstrate basic understanding of network principles. Working effectively in teams. Apply the skills that are the focus of this program to business scenarios.
10		BUSINESS ENTREPRENEURSHIP	To understand different methods to assess the attractiveness of business opportunities. To understand what characterizes an attractive business opportunity and common pitfalls during the entrepreneurial process. To products or services to market. To understand different methods that can be used to minimize uncertainties at different stages of the entrepreneurial process. To understand the dynamics of how teams develop and function as well as the various types of conflicts that can arise during teamwork
11		MODERN BANKING & FINANCIAL SYSTEM	To explain the various functions of money, and how money has evolved over time. To show that modern banking systems include both privately owned commercial banks and government-owned central banks. To explain how commercial banks create money through the process of taking deposits and making loans. List what is included in the various measures of the money supply.
12		COST ACCOUNTING	Demonstrate a basic understanding of computer hardware and software. Demonstrate problem-solving skills. Apply logical skills to programming in a variety of languages. Utilize web technologies. Present conclusions effectively, orally, and in writing. Demonstrate basic understanding of network principles. Working effectively in teams. Apply the skills that are the focus of this program to business scenarios
13	TYBCom	INDIAN ECONOMIC SCENARIO	To know the relevance Economic practices in modern competitive world. To make students competent to become success in

			competitive examination.
14		PRINCIPLES OF AUDITING	To know the relevance Economic practices in modern competitive world. To make students competent to become success in competitive examination.
15		INCOME TAX	To compute Income and Tax of an Individual assess under the Act.
16		HUMAN RESOURCE MANAGEMENT	To introduce the concept, principles and practices of H.R.M. to the students.
17		BUSINESS MANAGEMENT	To introduce the concept, modern management techniques.
18		ADVANCED ACCOUNTING- I	Developing Skills for Applying Knowledge to Business Situations.
19		ADVANCED ACCOUNTING -II	Developing Skills for Applying Knowledge to Business Situations.
20		GOOD & SERVICE TAX GST	To help students excel in their individual and professional lives using the soft skills.

Department of Sociology

➤ Programme Outcomes: M.A.Sociology :-

After successful completion of three-year degree program in History a student should be able to

Sr. No.	PO's
1.	The papers framed for this program are in accordance with the norms of CBCS pattern.
2.	Selection of contents in all the courses will help the students to comprehend the worldly wisdom and commercial perception which will ultimately lead them to be successful and enjoy quality life.
3.	The special papers will open up traditional job opportunities for the students but the papers of skill and ability enhancement will open up corporate, govt. and private sectors for the students of sociology subject.

➤ Programme Specific Outcomes: M.A.Sociology:-

Sr. No.	PSO's
1.	The students of sociology strengthen the understanding of social Relationship and Behaviour helps it brighten the personality.
2.	Asset in various programme run by NGO's in Urban, Rural and Tribal welfare.
3.	Jobs opportunity on various post in govt. social welfare dept.

➤ **Course Outcomes:M.A.Sociology -**

Sr.No.	Class	Course	Course Outcomes
21.	M.A. I	(SOC 111 and 121) Social structure & sociological theories	<ul style="list-style-type: none"> • To provide an introduction of to sociological Theory. • To provide the students the basic knowledge of sociological theory.
22.	M.A. I	(SOC 112 and 122) Methodology of social research	<ul style="list-style-type: none"> • To introduce students to the nature of scientific method in social science research. • To give students the understanding about the quantitative and qualitative approach to research,
23.	M.A. I	(SOC 113 and 123) Rural Society in India	<ul style="list-style-type: none"> • To provide sociological understanding of rural, social structure, change and development in India. • To develop skills among the students for contributing to the reconstruction, rural institution, rural and urban development programs in terms of planning and critically evaluating the same.
24.	M.A. I	(SOC 114 and 124) Industry and society in India	<ul style="list-style-type: none"> • To acquaint the students with dynamics of industrial relations and consequences. • To expose the P.G. students with the knowledge of industrialization, process and work.
25.	M.A. II	(SOC 231 and 241) Sociology of development	<ul style="list-style-type: none"> • To introduce the students to the concepts, theories and factors of social change. • To address in particular The India experience of the social development
26.	M.A. II	(SOC 232 and 242) Western and Indian social thinkers	<ul style="list-style-type: none"> • This course provides an introduction to the history of social theory. • The idea of this classical theorists are discussed in the context of philosophical

			traditions, so as to develop a social and political understanding of the society
27.	M.A. II	(SOC 233 and 243) Gender and society	<ul style="list-style-type: none"> • To understand women in Indian society with special reference to their changing status and role • To orient the students regarding theories of gender relations, position of women in Indian society
28.	M.A. II	(SOC 234 And 244) Social movement in India Social welfare in India	<ul style="list-style-type: none"> • To understand the Indian social movement. • To understand welfare scheme in India. • To develop the analytical abilities of the students.