

**Rayat Shikshan Sanstha's
Mahatma Phule Mahavidyalay, Pimpri, Pune-17
Criteria II 2019-20**

2.6 Student Performance and Learning outcomes

2.6.1 Program outcomes, Program specific outcomes and Course outcomes

Program Outcomes (B.A.)

PO.1: Basic knowledge: Apply the basic knowledge of languages and social sciences.

PO.2: Problem Analysis: Study the literature, understand terms and particular concepts. Formulate and analyze the complex ideas in the social sciences.

PO.3: Manners and Etiquettes: Acquire knowledge such as code of conduct of society, manners, cultural, political, economical, historical and geographical situations.

PO.4: Critical Thinking: Identify the assumptions, check out the degree to which assumptions are accurate and look validly towards the current perspectives.

PO.5: Effective Communication: Apply the basic knowledge of listening, speaking, read and writing clearly Marathi, Hindi and English languages which leads to effective communication and being able to comprehend and write effective reports and design documents for making effective presentation and exchange clear information.

PO.6: Use of Modern Tools: Acquire the knowledge of I.C.T. in communications.

PO.7: Ethics and Values: Apply the ethical principles and understand the responsibilities of the societies. Implement the life values through literature.

PO.8: Life-long Learning: Understand the nature of any discipline as a continuous process of development and welfare of the human being.

PO.9: Research Awareness: Develop Research awareness among students through experiential learning.

PO.10: Global Competency: Acquire global competency by inculcating the knowledge of present social, political, economical and linguistical scenario.

PO.11.Environmental Awareness: Study the environmental problems and develop capacity to solve environmental problems.

Department of English
Program specific outcomes

Name of the Department	Program specific outcome
English	<ul style="list-style-type: none"> • PSO1: Ability for clear expression for both oral and written. • PSO2: Attend the potential knowledge of English language, their trends and terms. • PSO3: Understand the code of conduct cultural issues. • PSO4: Understand the various literary genres and study of literature such as Indian, British literature and language etc.

Course outcomes (Semester I)

Name of the Department	Class	Course Name	Course code	Course Outcome
English	F.Y.B .Com	Compulsory English	111	a) Get familiarized with excellent pieces of prose and poetry in English and will be realized the beauty and communicative power of English b) Understand native cultural experiences and situations and develop humane values and social awareness c) Acquire overall linguistic competence and communicative skills

Course outcomes (Semester II)

Name of the Department	Class	Course Name	Course code	Course Outcome
English	F.Y.B	Compul	121	CO1: Students realize the beauty and communicative

	.Com	sory English		power of English.
				CO2: Students understand the importance and utility of the English language.
				CO3: Students can use the language effectively and feel confident in and outside the world
				CO4: Their employability enhances and English becomes the medium of their livelihood and personality.

Course outcomes

Name of the Department	Class	Course Name	Course code	Course Outcome
English	F.Y. B.A	Compulsory English	11011	Students realize the beauty and communicative power of English.
				Students understand the importance and utility of the English language.
(Semester II)				
Name of the Department	Class	Course Name	Course code	Course Outcome
English	F.Y. B.A	Compulsory English	11012	Students can use the language effectively and feel confident in and outside the world
				Their employability enhances and English becomes the medium of their livelihood and personality.

Class: F.Y. B. A. (Optional English)- English Literature and Language

Semester I

Name of the Department	Class	Course Name	Course Code	Course Outcome
English	FYBA	Optional English	11331	Students realize various forms of literature and language.
				They understand the literary merit, beauty and creative use of language.
Semester II				

Name of the Department	Class	Course Name	Course Code	Course Outcome
English	FYBA	Optional English	11332	Students become aware of the technical aspects and their practical usage
				Students develop the art of reading and understanding of literature and language.

**S.Y.B.A.-Compulsory English
Paper- Literary Landscapes**

Name of the Department	Class	Course Name	Course Code	Course Outcome
English	SY BA	Compulsory English	2017	The Student becomes the self- learned
				The Students become familiar with various forms of literature.
				The Students become independent readers
				The Students become familiar with human values and social awareness
				The Student becomes the self- learned

S.Y.B.A.-Optional English G-II

Name of the Department	Class	Course Name	Course code	Course Outcome
English	S.Y. B.A	Optional English G-II	2337	Students will learn artistic and innovative use of language through prescribed literary text
				Students will be acquainted with basic concepts and issues in linguistics
				They will learn sub-disciplines of linguistics.
				Students will be able to response emotionally to the literary text and will be acquired literary sensibility.
				Students will learn artistic and innovative use of language through prescribed literary text

S.Y.B.A.-Optional English S-I

Name of the Department	Class	Course Name	Course code	Course Outcome
English	S.Y. B.A	Optional English S-I	2338	Students understand the terminology in Drama and Criticism.
				Students understand few sample masterpieces of English Drama from different parts of the world.
				They develop their interest and analyze drama independently.
				Students become aware in aesthetics of Drama.
				Students understand the terminology in Drama and Criticism.

S.Y.B.A.-Optional English S-II

Paper- Appreciating Poetry

Name of the Department	Class	Course Name	Course code	Course Outcome
English	S.Y. B.A	Optional English S-II	2339	The students become familiar with the terminology in poetry
				The students become studied some examples of poetry.
				The Students become aware in the aesthetics of poetry and read independently.

Class: T.Y. B. A. (Compulsory English)

Paper- Literary Pinnacles

Name of the Department	Class	Course Name	Course code	Course Outcome
English	T.Y. B.A	Compulsory English	3017	Students acquire the proficiency in English language
				The wider exposure of the English language enables them to acquire various skills in effective communication and it enhances their abilities of self-learning.
				The students acquire the skill of reading different

				types of texts in English.
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T.Y.B.A.- Optional English G-III

Paper- Advanced Study of English Language and Literature

Name of the Department	Class	Course Name	Course code	Course Outcome
English	T.Y. B.A	Option al English G-III	3337	Students will come to know the major figures of Indian literature in English
				Students will acquire sense of appreciation of literary text.
				Students will develop human values and concerns through literary text
				Literary and linguistic competence of students will be enhanced

Class: T.Y. B. A. (English S- III)-

Paper-Appreciating Novel

Name of the Department	Class	Course Name	Course code	Course Outcome
English	T.Y. B.A	(Englis h S- III)-	3338	Students acquire the proficiency in English language
				The wider exposure of the English language enables them to acquire various skills in effective communication and it enhances their abilities of self-learning.
				The students acquire the skill of reading different types of texts in English.

T.Y.B.A.- Special English S-IV

Paper- Introduction to Literary Criticism

Name of the Department	Class	Course Name	Course code	Course Outcome
English	T.Y. B.A	Special English	3339	Students acquire the knowledge of basics of literary criticism.

		S-IV		They become aware of the nature and historical development of criticism.
				They familiarize with the significant critical approaches and terms.

Class: S.Y.B.Sc.- Optional English

Name of the Department	Class	Course Name	Course code	Course Outcome
English	S.Y. B.sc	Optional English		Students become aware about the use of English language in literary texts and scientific writing.
				Students revise the background knowledge and concepts in grammar in order to improve the word power on which their effective use of English language is based.
				They understand the minute technical aspects which are necessary to make language use appropriate according to various real life situations.
				Students get exposure to make effective use of language in both oral and written forms.

DEPARTMENT OF HINDI (2019-20)

Program Specific Outcomes (PSOs)

Department of Hindi	Program Specific Outcomes(PSOs)	
	PSO 1	सृजनात्मकता एवं संभाषण कला
	PSO 2	साहित्य की विविध विधाओं का स्वरूपात्मक ज्ञान
	PSO 3	जीवनमूल्य
	PSO 4	हिंदी विज्ञापन लेखन
	PSO 5	राजभाषा हिंदी के संवैधानिक स्वरूप का आकलन
	PSO 6	भेंटवार्ता, साक्षात्कार, रिपोर्ट लेखन एवं समाचार लेखन कौशल
	PSO 7	अनुवाद कौशल
	PSO 8	पारिभाषिक शब्दावली तथा संक्षिप्तियाँ
	PSO 9	हिंदी साहित्य के इतिहास से परिचय

PSO 10	अनुसंधान प्रविधि एवं प्रक्रिया का ज्ञान
PSO 11	प्रयोजनमूलक हिंदी से परिचय
PSO 12	साहित्यशास्त्र एवं भाषाविज्ञान से परिचय
PSO 13	कार्यालयीन तथा व्यावहारिक पत्राचार कौशल
PSO 14	प्रतिनिधि साहित्यकारों का परिचय

Course Outcomes (COs) –U.G.

Sr. No.	Class	Course Name	Course code	Course Outcome
1.	F.Y.B.A (प्रथम अयन)	वैकल्पिक हिंदी प्रश्नपत्र -1 (A)	11091B	<ol style="list-style-type: none"> हिंदी साहित्य के प्रति रुझान को बढ़ावा हिंदी कहानी एवं काव्य साहित्य से परिचय जीवनमूल्य प्रयोजनमूलक हिंदी से परिचय विचारक्षमता तथा लेखन क्षमता का विकास सृजनात्मकता (Creativity) का विकास संवाद कौशल एवं सूत्रसंचालन का परिचय इंटरनेट तथा हिंदी सॉफ्टवेयरों की सामान्य जानकारी
2.	F.Y.B.A (द्वितीय अयन)	वैकल्पिक हिंदी प्रश्नपत्र -1 (B)	11092B	<ol style="list-style-type: none"> हिंदी काव्य साहित्य तथा गद्य की विविध साहित्यिक विधाओं का सामान्य परिचय स्ववृत्त लेखन कौशल निबंध लेखन कौशल विज्ञापन लेखन कौशल वाक्यशुद्धीकरण राजभाषा हिंदी का प्रचार-प्रसार
3.	F.Y.B.Co m (प्रथम अयन)	वैकल्पिक हिंदी प्रश्नपत्र -1 (A)	117C	<ol style="list-style-type: none"> हिंदी कहानी एवं काव्य साहित्य से परिचय हिंदी संवाद कौशल का विकास हिंदी कंप्यूटिंग का सामान्य परिचय इंटरनेट तथा हिंदी सॉफ्टवेयरों की सामान्य जानकारी अंक तथा गणितीय चिहनों का देवनागरी में लेखन
4.	F.Y.B.Co m (द्वितीय अयन)	वैकल्पिक हिंदी प्रश्नपत्र -1 (B)	127C	<ol style="list-style-type: none"> हिंदी कहानी एवं काव्य साहित्य से परिचय हिंदी संप्रेषण कौशल का विकास अनुवाद कौशल पारिभाषिक शब्दावली (कार्यालयीन) : सामान्य परिचय
3	S.Y.B.A	कहानी काव्य एवं लेखन G-2	2094	<ol style="list-style-type: none"> हिंदी के प्रतिनिधि कहानीकारों एवं कवियों से परिचय हिंदी कहानी तथा नई कविता की विशेषताएँ कार्यालयीन तथा व्यावहारिक पत्रों का स्वरूप पारिभाषिक शब्द, विज्ञापन का परिचय भेंटवार्ता, साक्षात्कार एवं वृत्तांत लेखन कौशल से परिचय हिंदी भाषा के व्यावहारिक क्षेत्रों से परिचय हिंदी शब्द - युग्म की जानकारी एवं प्रयोग संभाषण कौशल कहानी - सृजन के लिए प्रेरणा

				11. जीवनमूल्यों से परिचय
4	S.Y.B.A	हिंदी भाषा का विकास S-1	2095	1. भाषा की परिभाषा एवं विशेषताओं से परिचय 2. राजभाषा हिंदी के संवैधानिक स्वरूप से परिचय 3. भाषा के वैज्ञानिक अध्ययन की दृष्टि का निर्माण 4. हिंदी वर्तनी एवं मानकीकरण की जानकारी 5. हिंदी के लिपि चिह्नों से परिचय 6. भाषा प्रयोगशाला में ध्वनि से संबंधित जानकारी एवं प्रयोग 7. राष्ट्रभाषा हिंदी का प्रचार करनेवाली संस्थाओं का अध्ययन
5	S.Y.B.A	उपन्यास, नाटक तथा मध्ययुगीन हिंदी काव्य S-2	2096	1. उपन्यास एवं नाटक के तत्वों का आकलन 2. उपन्यास एवं नाटक का आस्वादन 3. उपन्यास एवं नाटक की समीक्षण क्षमता का विकास 4. मध्ययुगीन संतकाव्य से परिचय 5. मध्ययुगीन काव्य की प्रासंगिकता 6. साहित्य कृतियों के माध्यम से साहित्य के शिल्प और सौंदर्य का परिचय 7. संवाद कौशल 8. नाट्य प्रस्तुति कौशल
6.	T.Y.B.A	आत्मकथांश काव्य -नाटक तथा लेखन G-3	3094	1. हिंदी आत्मकथा तथा काव्य - नाटक विधाओं का सामान्य परिचय 2. साक्षात्कार कौशल (Interview skills) 3. सरकारी पत्राचार लेखन कौशल 4. पारिभाषिक शब्दावली तथा संक्षिप्तियाँ 5. समाचार लेखन कौशल 6. अनुवाद कौशल (Translation Skills) 7. संवाद कौशल 8. कार्यक्रम संयोजन कौशल(Event Management Skills)
7.	T.Y.B.A	हिंदी साहित्य का इतिहास S-3	3095	1. हिंदी साहित्य के इतिहास की लेखन परंपरा से परिचय 2. कालविभाजन, नामकरण एवं युगीन पृष्ठभूमि से परिचय 3. हिंदी साहित्य के प्रतिनिधि रचनाकार एवं रचनाओं से परिचय 4. हिंदी साहित्य का विकासक्रम 5. साहित्य और युग जीवन का संबंध 6. आधुनिक युग के साहित्य की प्रवृत्तियों से परिचय
8.	T.Y.B.A.	काव्यशास्त्र S-4	3096	1. साहित्य की परिभाषाओं से परिचय 2. काव्यहेतु, काव्यप्रयोजनों का ज्ञान 3. काव्य के तत्व, काव्य के भेद तथा शब्दशक्ति से परिचय 4. छंद एवं अलंकारों का सोदाहरण परिचय 5. साहित्य की विविध विधाओं का तत्वगत अध्ययन 6. रस के स्वरूप, अंग एवं भेदों का विवेचन 7. आलोचना दृष्टि का विकास

Course Outcomes (COs) – P.G.

Sr. No.	Class	Course Name	Couse Code	Course Outcome
प्रथम अयन				
1	M.A. I	पाठ्यचर्या - 1 मध्ययुगीन काव्य	10501	<ol style="list-style-type: none"> 1. हिंदी की मध्ययुगीन काव्यप्रवृत्तियों का परिचय 2. मध्ययुगीन काव्य के प्रतिनिधि कवियों का परिचय 3. मध्ययुगीन काव्य की प्रासंगिकता (Relevance) 4. मध्ययुगीन काव्य की भाषाशैली का परिचय 5. मध्ययुगीन काव्य की समीक्षा कौशल का विकास 6. मध्ययुगीन कवियों के दोहों और पदों की प्रस्तुति 7. जीवनमूल्य संप्रेषण
2	M.A. I	पाठ्यचर्या - 2 कथा साहित्य	10502	<ol style="list-style-type: none"> 1. गद्य की उपन्यास और कहानी विधा का तात्विक परिचय 2. उपन्यास और कहानी विधा की समीक्षा कौशल का विकास 3. रचना का आस्वादन लेने की क्षमता विकसित करना 4. सृजनात्मक क्षमता का विकास 5. तुलनात्मक अध्ययन क्षमता में वृद्धि 6. आलोचनात्मक दृष्टि का विकास 7. जीवनमूल्य संप्रेषण
3	M.A. I	पाठ्यचर्या - 3 भारतीय काव्यशास्त्र	10503	<ol style="list-style-type: none"> 1. काव्य और काव्यशास्त्र का विशेष परिचय 2. भारतीय काव्यशास्त्र के विकासक्रम का परिचय 3. भारतीय काव्यशास्त्र के प्रमुख संप्रदायों / सिद्धांतों का परिचय 4. रचना वैशिष्ट्य और मूल्यबोध को परखने की क्षमता का विकास 5. आलोचनात्मक कौशल का विकास
4	M.A. I	पाठ्यचर्या - 4 हिंदी पत्रकारिता	10504	<ol style="list-style-type: none"> 1. हिंदी पत्रकारिता के क्षेत्र का परिचय 2. पत्रकारिता के क्षेत्र में रोजगार के अवसरों की जानकारी 3. पत्रकारिता कौशल का विकास 4. पत्रकारिता की भाषा का ज्ञान 5. हिंदी भाषा और साहित्य के विकास में पत्र-पत्रिकाओं का योगदान
द्वितीय अयन				
5	M.A. I	पाठ्यचर्या - 5 कथेतर गद्य साहित्य	20501	<ol style="list-style-type: none"> 1. व्यंग्य, निबंध, रेखाचित्र और संस्मरण कथेतर साहित्य का परिचय 2. कथेतर हिंदी साहित्य का तत्वगत अध्ययन 3. कथेतर हिंदी साहित्य की आलोचनात्मक दृष्टि का विकास 4. कथेतर हिंदी साहित्य का भाषिक अध्ययन 5. मौलिक हिंदी लेखन कौशल की प्राप्ति 6. कथेतर हिंदी साहित्य की प्रासंगिकता
6	M.A. I	पाठ्यचर्या - 6 शोध प्रविधि	20502	<ol style="list-style-type: none"> 1. शोध प्राविधि का परिचय 2. शोध दृष्टि का विकास 3. नए शोध-प्रवाहों से परिचय 4. शोध प्रक्रिया के विविध आयामों का परिचय 5. शोध और आलोचना के अंतर को समझना 6. शोध प्रबंध लेखन कौशल 7. संदर्भ ग्रंथ सूची की पद्धतियों की जानकारी

				8. शोध प्रबंध टंकण में यूनिकोड का महत्व
7	M.A. I	पाठ्यचर्या -7 पाश्चात्य साहित्यशास्त्र	20503	1. पाश्चात्य साहित्यशास्त्र के विकासक्रम का परिचय 2. पाश्चात्य साहित्यशास्त्र के प्रमुख सिद्धांतों का परिचय 3. साहित्यशास्त्रीय समीक्षा कौशल 4. पाश्चात्य साहित्यशास्त्र के सिद्धांतों में साम्य - वैषम्य 5. सृजन , आस्वादन और आलोचना दृष्टि का विकास 6. नई आलोचना प्रणाली कौशल (Criticism Skills)
8	M.A. I	पाठ्यचर्या -8 हिंदी उपन्यास साहित्य	20505	1. हिंदी उपन्यास साहित्य के विकासक्रम का परिचय 2. पठित उपन्यासों का संवेदना एवं शिल्पगत अध्ययन 3. उपन्यास साहित्य के आस्वादन की क्षमता का विकास 4. उपन्यास साहित्य में प्रतिबिंबित जीवनमूल्यों का परिचय 5. उपन्यास मूल्यांकन कौशल
तृतीय अयन				
9	M.A.II	प्रश्नपत्र-9 सामान्य स्तर -आधुनिक काव्य -1 (महाकाव्य तथा खंडकाव्य)	30591	1. महाकाव्य तथा खंडकाव्य का तत्वगत अध्ययन 2. आधुनिक हिंदी काव्य प्रवृत्तियों का सामान्य परिचय 3. आधुनिक हिंदी कविता के विकासक्रम की जानकारी 4. महाकाव्य तथा खंडकाव्य का संवेदना एवं शिल्पगत अध्ययन 5. चयनित महाकाव्य तथा खंडकाव्य की प्रासंगिकता
10	M.A.II	प्रश्नपत्र-10 विशेष स्तर- भाषा विज्ञान	30592	1. भाषा विज्ञान के अंगों एवं विभिन्न शाखाओं का परिचय 2. भाषा विज्ञान के सैद्धांतिक पक्ष का परिचय 3. भारतीय आर्य भाषाओं के ऐतिहासिक विकासक्रम की जानकारी 4. हिंदी के शब्द - भंडार एवं व्याकरणिक स्वरूप का परिचय 5. साहित्य के अध्ययन में भाषाविज्ञान की उपयोगिता की जानकारी 6. देवनागरी लिपि की जानकारी
11	M.A.II	प्रश्नपत्र-11 विशेष स्तर- हिंदी साहित्य का इतिहास (आदिकाल, भक्तिकाल , रीतिकाल तक)	30593	1. हिंदी साहित्य के इतिहास लेखन की परंपरा का परिचय 2. हिंदी साहित्य के कालविभाजन एवं नामकरण का परिचय 3. युगीन परिस्थियाँ एवं उनके साहित्य सृजन पर प्रभाव को समझना 4. आदिकाल, भक्तिकाल, रीतिकाल की प्रमुख साहित्यिक प्रवृत्तियों का सामान्य परिचय 5. आदिकाल, भक्तिकाल, रीतिकाल के प्रतिनिधि रचनाकारों का साहित्यिक परिचय
12	M.A.II	प्रश्नपत्र-12 विशेष स्तर- वैकल्पिक (आ) अनुवाद विज्ञान	30595	1. अनुवाद सिद्धांत का परिचय 2. अनुवाद प्रक्रिया का ज्ञान 3. अनुवाद के सामाजिक - सांस्कृतिक पक्ष की जानकारी 4. अनुवाद में आनेवाली समस्याओं के समाधान ढूँढने का कौशल 5. अनुवाद क्षमता का विकास
चतुर्थ अयन				

13	M.A.II	प्रश्नपत्र-13 सामान्य स्तर-आधुनिक काव्य -2 (विशेष कवि कुँवर नारायण तथा नई कविता)	40591	<ol style="list-style-type: none"> 1. आधुनिक हिंदी काव्य का सामान्य परिचय 2. आधुनिक हिंदी काव्य के विकासक्रम का सामान्य परिचय 3. आधुनिक कविता की शिल्पगत प्रवृत्तियों का परिचय 4. विशेष कवि कुँवर नारायण के काव्य का परिचय 5. आधुनिक हिंदी कविता की भाषाशैली का अध्ययन 6. नई कविता की विशेषताओं का परिचय 7. नई कविता के प्रतिनिधि कवियों के काव्य का अध्ययन
14	M.A.II	प्रश्नपत्र-14 विशेष स्तर हिंदी भाषा का ऐतिहासिक विकास	40592	<ol style="list-style-type: none"> 1. हिंदी भाषा के उद्भव और विकास का परिचय 2. आधुनिक भारतीय आर्य भाषाएँ एवं उनके वर्गीकरण की जानकारी 3. भारतीय आर्य भाषाओं के विकासक्रम का परिचय 4. हिंदी की बोलियों का वर्गीकरण 5. हिंदी के व्याकरणिक रूप और उनके विकास की जानकारी
15	M.A.II	प्रश्नपत्र-15 विशेष स्तर हिंदी साहित्य का इतिहास (आधुनिक काल)	40593	<ol style="list-style-type: none"> 1. आधुनिक हिंदी गद्य के आविर्भाव के प्रधान कारणों का परिचय 2. आधुनिक युगीन परिस्थियों का परिचय 3. हिंदी की प्रमुख गद्य विधाओं के विकासक्रम का अध्ययन 4. आधुनिक हिंदी कविता के प्रमुख आंदोलनों का विकास ज्ञान 5. साहित्य : संवेदना एवं शिल्प कौशल का विकास
16	M.A.II	प्रश्नपत्र-16 विशेष स्तर- वैकल्पिक (ग) अनुसंधान प्रक्रिया : स्वरूप और क्षेत्र	40596	<ol style="list-style-type: none"> 1. अनुसंधान प्रक्रिया के स्वरूप एवं उपयोग का परिचय 2. अनुसंधान प्रक्रिया के विविध आयामों की जानकारी 3. अनुसंधान प्रक्रिया से संबंधित तथ्यों का अध्ययन 4. संगणक तथा इंटरनेट का प्रयोग 5. शोध -प्रबंध लेखन प्रणाली का परिचय

Short Term Course Outcomes:

Name of the Department	Class	Course Name	Course Outcome
Hindi	SYBA Hindi and Marathi	Certificate course in Journalism	<ol style="list-style-type: none"> 1) पत्रकारितेविषयी तोंडओळख करून घेणे. 2) प्रसारमाध्यमांची कार्यप्रणाली समजून घेणे. 3) पत्रकारितेची आवड निर्माण करणे. 4) प्रसारमाध्यमांचे बदलते स्वरूप समजावून घेणे. 5) प्रत्यक्ष बातमी मिळविणे, बातमी लिहिण्याचा अनुभव घेणे. 6) वृत्तपत्र विषयक कायदे समजून घेणे.

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Course Outcome (Cos)

Name of the Department	Class	Course Name	Course code	Course Outcome
Marathi	F.Y.B.A.	1027	मराठी जनरल समकालीन मराठी कथा एकांकिका : "विठ्ठल तो आला आला " व "हंडाभर चांदण्या"	<ol style="list-style-type: none">१. मराठी भाषा साहित्याविषयी विद्यार्थ्यांच्या मनात आवड व रुची निर्माण करणे .२. मराठी कथा , कविता या वाङ्.मय प्रकारचे स्वरूप व परंपरेचे आकलन करून देणे .३. श्रवण , वाचन , लेखन , भाषण , संभाषण या भाषिक कौशल्याच्या क्षमतेचा विकास घडवून आणणे .४. प्रास्ताविक , मनोगत , भाषण , आभार व सूत्रसंचालक या कार्यक्रम संयोजन कौशल्य विकसित करणे .५. वृत्तपत्र , आकाशवाणी व दूरदर्शन या प्रसार माध्यमांसाठी बातमीलेखन , निवेदन , मुलाखत व जाहिरात लेखन यांचा परिचय करून देणे .६. मातृभाषा व राष्ट्रप्रेम यांच्याविषयी जाणीव जागृती घडवून आणणे .
.2	F.Y.B.COM	1521	यशोगाथा व व्यावहारिक व उपयोजित मराठी मराठी जनरल	<ol style="list-style-type: none">१. वाणिज्य विषयाच्या विद्यार्थ्यांना मराठी व्यवहार क्षेत्राची माहिती देणे .२. विविध क्षेत्रातील भाषा व्यवहाराचे स्वरूप व गरज समजावून देणे .३. व्यवहार क्षेत्रातील मराठी भाषेचे स्थान स्पष्ट करणे त्यातील प्रत्यक्ष वापराचा अभ्यास करणे .४. विविध क्षेत्रातील मराठीचा अभ्यास करण्यासाठी प्रसारमाध्यमांचे स्वरूप व त्यातील भाषण व्यवहार समजावून देणे .५. प्रसारमाध्यमांसाठी विविध लेखन

				प्रकाशांचा अभ्यास व प्रत्यक्ष लेखन करणे .
.3	S.Y.B.Sc	<u>83111</u> 83112	विज्ञानसृष्टी / व्यावहारिक व उपयोजित मराठी मराठी जनरल	<ol style="list-style-type: none"> १. साहित्यासंबंधी विशेषतः मराठी साहित्यासंबंधी रुची निर्माण करणे . २. साहित्याभ्यातून जीवनविषयक समज विकसित करणे . ३. जागतिकीकरणात विविध क्षेत्रांना सामोरे जाण्यासाठी भाषिक क्षमतांचा विकास करणे . ४. डॉ . नरेंद्र दाभोळकर यांचा वैज्ञानिक दृष्टिकोन विद्यार्थ्यांच्यामध्ये रुजविणे , नवनवीन शोध , संकल्पना , विज्ञानकथांमधून आकलन करून देणे . ५. आकाशवाणीसाठी भाषण संहिता दूरदर्शनसाठी मुलाखत लेखन , निबंधलेखन , सारांश लेखन , पारिभाषिक संज्ञा यांचा परिचय करून देणे . ६. व्यावहारिक व उपयोजित मराठीचे आजच्या तंत्रज्ञानाच्या काळातील महत्व त्याद्वारे विद्यार्थ्यांमध्ये भाषिक क्षमतांचा दर्जा वाढविणे .
.4	S.Y.B.A.	2025	मराठी जनरल-२ जीवनवेध व माझी जडणघडण	<ol style="list-style-type: none"> १. चरित्र , आत्मचरित्र या वाङ्.मय प्रकाराचा व परंपरेचा परिचय करून देणे . २. सावित्रीबाई फुले , महर्षी कर्वे , बडोदा नरेश , शहाजीराजे गायकवाड , प्रबोधनकार ठाकरे , डॉ . बाबासाहेब आंबेडकर व कर्मवीर भाऊराव पाटील इत्यादी समाजसुधारकांच्या जीवन चरित्रांच्या माध्यमातून विद्यार्थ्यांना सामाजिक परिवर्तनाची ओळख करून देणे . ३. माजी राष्ट्रपती प्रतिभाताई पाटील , डॉ . यु. म . पठाण , रा . ग . जाधव , गंगाधर पानतावणे , तारा भवाळकर ,

				<p>डॉ .नागनाथ कोत्तापल्ले , इत्यादी साहित्यिकांचे जीवनानुभवाचा परिचय करून देणे व विद्यार्थ्यांमध्ये चांगुलपणाच्या भावनेचा विकास घडवून आणणे .</p> <p>४. मराठी भाषेचे व्याकरण व व्यावहारिक व उपयोजित मराठीसाठी पत्रलेखन हे कौशल्य विकास .</p>
.5	S.Y.B.A.	2025	<p>आधुनिक मराठी वाङ्.मय स्पेशल-१) नाटक (नटसम्राट व फकिरा) कादंबरी (</p>	<p>१. २०२५ मराठी नाट्यपरंपरेचा २. नाट्य वाङ्.मय प्रकार , स्वरूप व मराठी नाट्यपरंपरेचा परिचय करून देणे .</p> <p>३. नाट्य साहित्यकृतीच्या माध्यमातून विद्यार्थ्यांमध्ये सामाजिक जाणीव जागृती निर्माण करणे .</p> <p>४. कादंबरी वाङ्.मय प्रकार व मराठी कादंबरी परंपरेचा परिचय करून देणे .</p> <p>५. विद्यार्थ्यांमध्ये साहित्य रसास्वाद , क्षमता निर्माण करणे .</p>
.6	S.Y.B.A.	2026	<p>अर्वाचीत मराठी साहित्य स्पेशल-२</p>	<p>१. सन १८० ते १९६० पर्यंतचा परिचय करून देणे .</p> <p>२. अर्वाचीन मराठी साहित्यांचे विविध कालखंडांचे स्वरूप व कालखंडांचे नामकरण याविषयीची पार्श्वभूमी /परिचय करून देणे .</p> <p>३. अर्वाचीत मराठी साहित्य कालखंडातील कथा , कादंबरी , नाटक , काव्य , चारित्र , आत्मचरित्र , इत्यादी साहित्यप्रकारांचा स्थूल परिचय करून देणे .</p> <p>४. आधुनिक मराठी साहित्य निर्माण करणाऱ्या साहित्यिकांचा परिचय व त्यांची वाङ्.मयीन कामगिरीची ओळख करून देणे .</p> <p>५. आधुनिक मराठी साहित्य निर्मितीच्या प्रेरणा व प्रवृत्तींचा परिचय करून देणे .</p>

				६. साहित्यांच्या माध्यमातून विद्यार्थ्यांमध्ये सामाजिक जाणीव जागृती निर्माण करणे .
.7	T.Y.B.A.	3024	मराठी जनरल- ३	<ol style="list-style-type: none"> १. प्रवासवर्णन या वाङ्. मय प्रकाराचे स्वरूप व मराठी प्रवास वर्णन लेखन परंपरेचा परिचय करून देणे . २. वैचारिक व ललित निबंध लेखन परंपरेचा परिचय करून देणे , हा निबंध या वाङ्. मय प्रकारातून विद्यार्थ्यांमध्ये सामाजिक जाणीव जागृती करणे . ३. ग्रंथ परीक्षणाच्या माध्यमातून साहित्याचा आस्वाद घेणे , साहित्याच्या चिकित्सक समीक्षांची दृष्टी विकसित करणे . ४. मराठी भाषा व साहित्यांचा प्रचार व प्रसार करणे .
.8	T.Y.B.A.	3025	साहित्यविचार स्पेशल- ३	<ol style="list-style-type: none"> १. साहित्य स्वरूप , वैशिष्ट्ये , साहित्यातील कलात्मकता यांचे आकलन समृद्ध करणे . २. साहित्य निर्मितीची प्रयोजने व काव्य कारणांविषयी परिचय करून देणे . ३. साहित्यांच्या भाषेचे गुणविशेष , प्रतिमा , प्रतिक व मिथक यांचा परिचय . ४. साहित्यलेखन शैली आकलन समृद्ध करणे . ५. साहित्य व समाज यांचे परस्पर संबंध व परस्परांवर होणारे परिणाम यांची जाणीव करून देणे . ६. विविध साहित्यप्रकारांच्या संकल्पनांची ओळख करून देणे . ७. साहित्य अभिरुची संकल्पनेचा विकास घडवून आणणे . ८. साहित्य व कला यांच्याविषयी विद्यार्थ्यांच्या मनात रुची निर्माण करणे .
.9	T.Y.B.A.	3026	भाषा विज्ञान वर्णनात्मक व	१. विद्यार्थ्यांना मराठी भाषा विज्ञानाचा स्थूल परिचय करून

			इतिहासिक स्पेशल-४	<p>देणे .</p> <p>२. भाषेचा शास्त्रीय दृष्टीने अभ्यास करण्याचा दृष्टिकोन विकसित करणे .</p> <p>३. विद्यार्थ्यांना मराठी भाषेचे स्वरूप व कार्य सांगून भाषेच्या माध्यमातून कसा एकसंघ राहू शकतो , हा विचार त्यांचेवरबिंबविणे .</p> <p>४. मराठी भाषेतील शब्द निर्मितीची प्रक्रिया वागिद्रिय रचना , स्वनिय व्यवस्था , रुपिम व्यवस्था इत्यादीच्या साहाय्याने विद्यार्थ्यांना परिचय करून देणे .</p> <p>५. विद्यार्थ्यांना भाषाभ्यासाची ऐतिहासिक पद्धतीचा परिचय करून देणे व त्याद्वारे जागतिक प्रमुख भाषा कुले व त्यातील मराठी भाषेच्या स्थानाची ओळख करून देणे व मराठी भाषेविषयी अस्मिता जागृती करणे .</p> <p>६. मराठी भाषेची उत्पत्ती केव्हा झाली व त्यासाठी कोणत्या साधनांचा वापर करण्यात आला , याचा विद्यार्थ्यांना परिचय करून देणे , मराठी भाषाभ्यासाची विद्यार्थ्यांमध्ये निर्माण करणे .</p>
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Department of Geography

Program specific outcomes

Name of the Department	Program specific outcome
GEOGRAPHY	<p>PSO1: Understand the interdisciplinary nature of Geography and to integrate the knowledge of other disciplines to a wide variety of Geographical problems.</p> <p>PSO2: Understand the scope, Methodology and application of modern Geography.</p> <p>PSO3: Study theoretical and practical concepts of instruments that are commonly used in most Geography field.</p>

	<p>PSO4: Understand how Geography is useful to solve Social, Economic and environmental problems and issues facing our society.</p> <p>PSO5: Students will demonstrate significant research and writing expertise resulting in a meaningful scholarly contribution.</p> <p>PSO6: Develop the ability to communicate scientific information and research results in written and oral formats</p> <p>PSO7: Students will be prepared for advanced-level careers in academia, with governmental research and educational organizations, or within the private sector.</p>
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Course outcomes (Semester-wise)

Name of the Department	Class	Course Name	Course code	Course Outcome
Geography	F.Y. B Com Sem. I and sem.II	Commercial Geography		Students define environment and human activities;
				Students understand the types of environment and human activities i.e. natural or physical environment and non-physical or cultural environment;
				Students can differentiate between natural and unnatural environment;
				Students understand the effect of environment and geographical conditions on commercial activities;
Geography	F.Y. BA Sem.I and Sem.II	Physical Geography		The geographical maturity of students in their current and future courses shall develop.
				The student's develops theoretical, applied and computational skills.
				Student-employability enhances and English becomes the medium of their livelihood and personality
Geography	S.Y.	Geogra	Gg:220	Students Identify different types of disasters

	BA	phy of Disaster Management	7	<p>within their particular geographic context, and the associated perceptions of risk and behavioral response</p> <p>They understand the processes which shape disaster risk and perceptions</p> <p>Students use the knowledge gained to evaluate local disaster plans and mitigation efforts based on the geography of place.</p> <p>Students analyze the information gleaned from lecture and readings to critique local disaster plans, popular media,</p> <p>Synthesize the information into a detailed snapshot of community preparedness and response to the geography of the area.</p>
Geography	S.Y. BA	Tourism Geography (S1)	Gg: 2208	<p>Students able to demonstrate an understanding of the fundamental principles, concepts and knowledge of Geo-tourism from the perspective of the National Geographic Society’s guidelines.</p> <p>Students identify the principles, practices, and philosophies, which affect the economic, social, cultural, psychological, and marketing aspects of human travel and the tourism industry.</p> <p>Students articulate the key concepts and methods used to investigate and make sense of the role, significance and impact of tourism that sustains or enhances the geographical character of a place—its environment, culture, aesthetics, heritage, and the well-being of its residents.</p> <p>Students evaluate the conflicting agenda of society’s various stakeholders and the need to reconcile environmental, economic and socio-</p>

				cultural concerns.
				Students critically examine community Geo-tourism issues and develop coherent solutions.
Geography	S.Y. BA	Funda mental s of Geogra phical Analysi s (S2)	Gg- 2209	Operate different survey instrument and be able to read, collect and record data using the instruments.
				Understand and construct different types of scale, reduce and enlarge maps according to the required scale.
				Students prepare drawing of profile with the help of Dumpy level.
				Students learn drawing of Scale Diagram for representing geographical data.
				Students acquire Skill of drawing of map, grapes, diagrams scale.
				They become aware to
				Get skill of Drawing of projection.
				Understand how maps are classified for specific usages and construct different maps with the help of different map projections
				Understand the different surveying techniques.
				Solve statistical problems by adopting statistical techniques necessary for computing primary and secondary data and interpret the findings.
				Students acquire Knowledge about preparation of layout.
Geography	T.Y. BA	Region al Geogra phy of India	Gg: 3207	Identify natural regions of India based on physical environment and understand the regional variation due to differences in physical environment.

				<p>Understand population of India in terms of their quality and spatial distribution pattern and the prospect and problems of population growth.</p> <p>The Student comprehend the linkage s of systematic geography of India with the regional personality of the country.</p> <p>Understand the location Physiography, Drainage, Climate, and Vegetation of India.</p> <p>The Students know the silent feature, problems and prospects of Agriculture.</p> <p>Understand how economic activities in India are determined by both the physical as well as human environment.</p>
Geography	T.Y. BA	Agricultural Geography	Gg:-3208	<p>Students Know the importance of agricultural geography in the overall understanding of man and environment relationship.</p> <p>Students Identify agricultural regions with special reference to India and understand the evolution and development of these regions.</p> <p>Students evaluate the significance of science and technology in the development of agriculture and the implications on society and ecology.</p> <p>Students understand the determinants of agricultural activities that lead to spatial variation.</p> <p>Students demonstrate an understanding of the concept, principles and theories in the field of agricultural systems.</p>
Geography	T.Y. BA	Techniques of Spatial Analysis	Gg:3209	<p>Read Topo sheets interprets the data on the map.</p> <p>Students understand how to represent</p>

		s		<p>topographical features in the form of contours and profiles.</p> <p>Students are able to evaluate the land capability and feasibility through the use of slope and drainage analysis.</p> <p>They develop their interest and analyze drama independently.</p> <p>Read maps and interpret the data in the Weather map.</p> <p>Students solve statistical problems by adopting statistical techniques necessary for computing primary and secondary data and interpret the findings.</p> <p>Understand interpretation of weather images.</p> <p>Compute the Correlation of Pearson's and Spearman's methods.</p> <p>Understand the representation of Statistical data</p> <p>Compute of Measures of Central tendency of dispersion.</p> <p>Calculation and plotting moving Average. Analysis of simple regression</p>
Geography	M A – I Sem. I	Principles of Geomorphology	GGUT 111	To maintain updated curriculum.
		Principles of Climatology	GGUT 112	To take care of fast development in the knowledge of Geography.
		Principles of Economic Geography	GGUT 113	To enhance the quality and standards of Geography Education.

		mic Geography		
		Principles of Population & Settlement Geography	GGUT 114	To provide a broad common frame work, for exchange, mobility and free dialogue across the Indian Geography and associated community.
		Practical in Physical and Human Geography	GGUT 115	To create and aptitude for Geography in those students who show a promise for higher studies and creative work in Geography.
				To create confidence in others, for equipping themselves with that part of Geography which is needed for various branches of Sciences or Humanities in which they have aptitude for higher studies and original work.
Geography	M A – I Sem. II	Geoinformatics - I	GGUT -121	To maintain updated curriculum.
		Agricultural Geography	GGUT -124	To take care of fast development in the knowledge of Geography.
		Industrial Geography	GGUT -128	To enhance the quality and standards of Geography Education.
		Practical in Surveying	GGDP-131	To provide a broad common frame work, for exchange, mobility and free dialogue across the Indian Geography and associated community.
		Geography of Disaster Management	GGDT -132	To create and aptitude for Geography in those students who show a promise for higher studies and creative work in Geography.

		Practical of Statistical Techniques for Geography	GGUP-134	To create confidence in others, for equipping themselves with that part of Geography which is needed for various branches of Sciences or Humanities in which they have aptitude for higher studies and original work.
Geography	M A – II Sem. III	Geography of India	Gg.301	To maintain updated curriculum.
		Practical's of Interpretation of Topographical Maps & Village Survey	Gg.302	To take care of fast development in the knowledge of Geography.
		Research Methods	Gg.303	To enhance the quality and standards of Geography Education.
		Social & Cultural Geography	Gg.304	To provide a broad common frame work, for exchange, mobility and free dialogue across the Indian Geography and associated community.
		Practical In Watershed Management	Gg.305	To create and aptitude for Geography in those students who show a promise for higher studies and creative work in Geography.
		Trade & Transport Geography	Gg.312	To create confidence in others, for equipping themselves with that part of Geography which is needed for various branches of Sciences or Humanities in which they have aptitude for

				higher studies and original work.
		Political Geography	Gg.321	
		Practical in Economic Geography	Gg.332	
Geography	MA – II Sem. IV	Theoretical and Applied Geography	Gg:401	To maintain updated curriculum.
		Principles of Remote Sensing and GIS	Gg:402	To take care of fast development in the knowledge of Geography.
		Practical in Remote Sensing and GIS	Gg:403	To enhance the quality and standards of Geography Education.
		Geography of Food Security of India	Gg:404	To provide a broad common frame work, for exchange, mobility and free dialogue across the Indian Geography and associated community.
		Geography of Health	Gg:405	To create and aptitude for Geography in those students who show a promise for higher studies and creative work in Geography.
		Regional Geography of	Gg:407	To create confidence in others, for equipping themselves with that part of Geography which is

		SAAR C Countries		needed for various branches of Sciences or Humanities in which they have aptitude for higher studies and original work.
		Natural and Manmade Hazards	Gg:424	
		Dissertation	Gg:440	
		Principles Of Regional Geography & project Work	Gg-441	

Short Term Course Outcomes:

Name of the Department	Class	Course Name	Course Outcome
Geography	S Y B A / T Y B A	GIS	<ol style="list-style-type: none"> 1. Understand the fundamental theory of geographic information, science behind GIS and in so doing build an awareness of what GIS can and con not be used. 2. Become proficient in the use of GIS tools to conduct spatial analyses and build maps that are fit-for-purpose and effectively e information they are intended. 3. Build confidence in teaching your-self how to undertake new analysis (unfamiliar to you) using GIS, troubleshooting problems in GIS, and seeking help from the GIS community to solve problems. 4. Use GIS analysis to address applied problems and / or research questions, become effective in building maps that can be shared with non-GIS users.
Geography	S Y B A / T Y B	Computer Hardware	<ol style="list-style-type: none"> 1. The student will become confident to repair the computer if these are some faults in the computer.

	A		<p>2. The students can easily find out the faults on problems in the computer and can repair.</p> <p>3. The students will be able to repair their own computers and also the computers of others.</p> <p>4. This course will improve the self confidence among the students and in case if they don't get a job they can start their own computer repairing occupation.</p> <p>5. The female students would be able to repair the computer confidently and it would be source income for them at home.</p> <p>6. The course would improve the confidence level among the students to get the job or can start their own business</p>
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DEPARTMENT OF PSYCHOLOGY

Program specific outcomes

Name of the Department	Program specific outcome
Psychology	Enhancement of stress management of skills.
	Able to measure attitude, aptitude, interest, adjustment skill etc. Within the people.
	To interpretation of data & make research.
	Illustration of mental disorder & treatment.
	Use of psychological test & experiment.
	Use of motivation theory at work place.

Course outcomes

F.Y.BA

First-Semester – Foundations of Psychology

Name of the Department	Class	Course Name	Course code	Course Outcome
Psychology	FYBA	Foundations of Psychology	DSC-PSY-1A11221	Understand the basic psychological processes & their applications in day to day life.
				Develop the ability to evaluation learning & memory of a life.
				Understand the personality & intelligence of the individuals by developing their psychological process & abstract potentials.
				Understand the importance of motivation &

				emotional of the individual.
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SEM -2 Introductions to Social Psychology

Name of the Department	Class	Course Name	Course code	Course Outcome
Psychology	FYBA	Introductions to Social Psychology	DSC-PSY-1B11222	To understand the basics of social psychology.
				To understand the nature of self, attitude & prejudice of the individual
				Assess the interactional processes, love & aggression in our day to day Life
				Understanding the social perception.

S.Y.B.A. SOCIAL PSYCHOLOGY (G-2)

Name of the Department	Class	Course Name	Course code	Course Outcome
Psychology	SYBA	Social psychology	2227	To understand the social behaviour.
				To understand self & how to develop it.
				Familiarize student with group behaviour.
				To understand improving self esteem.
				To understand importance of close relationship.
				To understand the leadership & its characteristics.
To able to understand aggression how to control it.				

S.Y.B.A. ABNORMAL PSYCHOLOGY (S-1)

Name of the Department	Class	Course Name	Course code	Course Outcome
Psychology	SYBA	Abnormal psychology	2228	To understand the criteria of abnormal behavior
				To acquaint student with the recent classification of abnormality.
				Understand various perspective of psychopathology.
				To student expect to acquire knowledge of causes, symptoms and treatment of various psychological disorder.
				To learned causes and treatment of various disorder.
				Knowing about the nature, types & nature types & perceptive of anxiety and disorders of childhood and adolescence

S.Y.B.A. DEVELOPMENT PSYCHOLOGY (S-2)

Name of the Department	Class	Course Name	Course code	Course Outcome
Psychology	SYBA	Development psychology	2229	Understand influences of various factors on development
				To understand basic concept of human development forces
				To understand birth and birth complication
				To understand development of language
				Able to understand cognitive development process
To learn all stages of life span and understand its good and bad impact on life				

T.Y.B.A. INDUSTRIAL AND ORGANZATIONAL PSYCHOLOGY (G-3)

Name of the Department	Class	Course Name	Course code	Course Outcome
Psychology	SYBA	Industrial and organzational psychology	3227	To learn about industrial and organizational psychology.
				To able to understand selection and training programme.
				To able to learn evaluating job performance and application
				To understand motivation at the workplace
				To understand leadership, leadership qualities and function of leaders of industrial psychology
To learn new concept 'engineering psychology' for easier work for workers				

T.Y.B.A. SCIENTIFIC RESEARCH AND EXPERIMENTAL PSYCHOLOGY (S-3)

Name of the Department	Class	Course Name	Course code	Course Outcome
Psychology	SYBA	Scientific research and experiment al psychology	3228	To acquaint the student with the basic concept of experimental psychology and research methodology.
				To develop the spirit of scientific inquiry in the student
				To help them generate ideas of research, as well as develop hypothesis and operational definition for variable
				To help students understand the basic steps in scientific research.
				To enable the students to undertake and independent small-scale research

				To equip the students with the basic information and knowledge about test administration and scoring and interpretation of the obtained results.
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T.Y.B.A. PSYCHOLOGY PRACTICAL: TESTS AND EXPERIMENTS (S-4)

Name of the Department	Class	Course Name	Course code	Course Outcome
Psychology	SYBA	Psychology practical : tests and experiments	3229	To give practical experience to the student in administering and scoring psychological tests and interpreting the scores
				To familiarize the student with the use of elementary stoical techniques
				To acquaint the student with the basic procedure and design of psychology experiment
				To encourage and guide the students to undertake a small-scale research project
				To encourage student to learn practical application through study tour and visit

Short Term Course Outcomes

Family counseling & guidance

Name of the Department	Class	Course Name	Course Outcome
Psychology	SY/TY BA	Family counseling & guidance	To understanding of counseling skills
			To increase in decision making ability
			To increase in thinking process ability
			To increase in emotional intensity

Department of Political Science

**The Outcomes of UG Course, B. A. in Political Science (General)
At the Completion of B. A. in Political Science (General) the Students:
Program Specific Outcomes**

Name of the Department	Program specific outcome
Department of Political Science	<p>PSO1:Students enable to discuss about Indian Constitution and Political process.</p> <p>PSO2:Students enable to discuss Political thinking in western world.</p> <p>PSO3:Ability to describe Administrative Process and thinking in</p>

	<p>western thinking, as well as Indian context</p> <p>PSO4:Capacity to analyses Political Theory and its contemporary impact on civilization</p> <p>PSO5: Serve as political party member, political adviser, and well citizen of India.</p> <p>PSO6:Work in elections and political as well as administrative system</p>
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Course outcomes (Semester I)

Name of the Department	Class	Course Name	Course code	Course Outcome
Political Science G1	FYBA	Introduction to Indian Constitution	11167	<ol style="list-style-type: none"> 1. Students enable to appreciate the various phases of Indian national movement. 2. Students enable to identify the causes, impact of British colonial rule. 3. Students enable to understand the philosophy of Indian constitution 4. Students enable to understand the fundamental Rights, Duties, and Directive Principles. 5. Students enable to understand federal structure of India

Course outcomes (Semester II)

Name of the Department	Class	Course Name	Course code	Course Outcome
Political Science G1	FYBA	Introduction to Indian Constitution	11167A	<ol style="list-style-type: none"> 1. Students enable to create value in young youth regarding the patriotism. 2. Students enable to understand the various Government of Indian acts their provision and reforms. Students enable to know the salient features in making of Indian constitution 3. Students enable to appreciate the socio-economic political factors which lead to the Freedom struggle. 4. Students enable to appreciate the fundamental rights and duties and the directive principle of state policy

				5. Students enable to evaluate the evolution, functioning and consequences of political parties in India.
SYBA Political Theory and Concepts (G-2)				
Name of the Department	Class	Course Name	Course code	Course Outcome
Political Science G2	SYBA	Political Theory and Concepts	2167	<ol style="list-style-type: none"> 1. Students enable to understand the nature and scope of political theory. 2. Students enable to understand the significance of political theory 3. Students enable to acquaint with the theories, approaches, concepts and principles of political theory. 4. Students enable to appreciate the procedure of different theoretical ideas in political theory. Students enable to Interpret and assess information regarding a variety of political theory. 5. Students enable to understand the various traditional and modern theories of political science. 6. Students enable to evaluate the theories of origin of the state. 7. Students enable to explain concept and perspectives of Democracy; 8. Students enable to discuss meaning and characteristics of sovereignty, theory of popular sovereignty; 9. Students enable to interpret concept of globalization

TYBA Political Ideologies (G3)

Name of the Department	Class	Course Name	Course code	Course Outcome
Political Science G3	TYBA	Political Ideologies	3167	<ol style="list-style-type: none"> 1. Students enable to study State Origin, Meaning, Definition, Nature and Scope of Ideology; 2. Students enable to discuss Meaning, Definitions and Elements Nationalism, Progressive and Reactionary Nationalism, Internationalism; 3. Students enable to describe Meaning, Nature and Features,

				<p>Achievements and Limitations Democratic Socialism, Types of Fabianism, Syndicalism, Guild Socialism;</p> <p>4. Students enable to discuss State Factors responsible for the rise of Fascism, Principles of Fascism, and Concept of Corporate State;</p> <p>5. Students enable to discuss meaning Marxism, Concept of Historical Materialism, Theory of Surplus Value and Marxian State;</p> <p>6. Students enable to discuss thoughts of Phule and Ambedkar on Equality, Religion, and Democracy.</p> <p>7. Students enable to discuss meaning of Gandhism, Truth and Non-Violence, Theory of Satyagraha, Gram Swaraj;</p> <p>8. Students enable to discuss Meaning and Nature Feminism, Liberal Feminism, Feminism in India, Caste, Patriarchy, Women's Representation</p>
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Department of History

The Outcomes of UG & PG Course, B. A. in History (Special, General) Program Specific Outcomes

Name of the Department	Program specific outcome
Department of History	<p>PSO 1:- Understand, National, Regional, International history for developing historical sense.</p> <p>PSO 2:- Understand Indian culture in reality</p> <p>PSO 3:- Develop the feeling of patriotism and Nationalism</p> <p>PSO 4:- Prepare themselves for competitive carriers in fields like civil services and teaching.</p> <p>PSO 5:- Critically analyse the various sources of history.</p>

Course outcomes (Semester I)

Name of the Department	Class	Course Name	Course code	Course Outcome
History	FYBA	Early India: From Prehistory	11171	<p>1.Students enable to understand the history of early India from the prehistoric times to the age of the Mauryas.</p> <p>2.Students enable to highlight the factors and</p>

		to the Age of the Mauryas		forces behind the rise, growth and spread of civilization and culture of India along with the dynastic history. 3.Students enable to understand the contribution of Early Indians to polity, art, literature, philosophy, religion and science and technology 4.It also aims to foster the spirit of enquiry among the students by studying the major developments in early Indian history.
Course outcomes (Semester II)				
Name of the Department	Class	Course Name	Course code	Course Outcome
History	FYBA	Early India: Post Mauryan Age to the Rashtrakutas	11172	1.Students enable to understand the developments in early India after the Mauryas, which finally led to the transition to medieval India.. 2.Students enable to understand to highlight the consequences of the foreign invasions, particularly on the polity, economy, society and art and architecture.
History of the Marathas: (1630-1707) G2				
Name of the Department	Class	Course Name	Course code	Course Outcome
History	SYBA	History of the Marathas : (1630-1707)	2177	1. Student will develop the ability to analyse sources for Maratha History. 2. Student will learn significance of regional history and political foundation of the region. 3. It will enhance their perception of 17th century Maharashtra and India in context of Maratha history. 4. Appreciate the skills of leadership and the administrative system of the Marathas
Special -1 Medieval India - Sultanate Period Semester –III				
Name of the Department	Class	Course Name	Course code	Course Outcome
History	SYBA	Medieval India - Sultanate Period	2178	1.Students understand the foundation of the Delhi sultanate and the Sultanate administration. 2 Students understand Recognise the Socio, economic and religious conditions under Vijayanagar Empire. 3 - Identify the condition of India under the Mughal Empire. 4 - Explain the Administration and art and architecture of Mughals.

				5 - Analyse the rise of the Marathas and the contribution of Shivaj
Glimpses of the Modern World - Part I				
Name of the Department	Class	Course Name	Course code	Course Outcome
History	SYBA	Glimpses of the Modern World - Part I	2179	<ol style="list-style-type: none"> 1. It will enable students to develop the overall understanding of the Modern World. 2. The students will get acquainted with the Renaissance, major political, socio-religious and economic developments during the Modern World. 3. It will enhance their perception of the history of the Modern World. 4. It will enable students to understand the significance of the intellectual, economic, political developments in the Modern World.

TYBA History

Name of the Department	Class	Course Name	Course code	Course Outcome
History	TYBA	History Of The World in 20th Century (1914 Century (1914	3177	<ol style="list-style-type: none"> 1. To enable students to understand the economic transition in World during the 20th Century. 2. Become aware of the principles, forces, processes and problems of the recent times. 3. To acquaint the students with growth of various political movements that shaped the modern world. 4. To highlight the rise and growth of nationalism as a movement in different parts of the world.
Name of the Department	Class	Course Name	Course code	Course Outcome
History	TYBA	Introduction to History	3178	<ol style="list-style-type: none"> 1. To orient students about how history is studied, written and understood. 2. To explain methods and tools of data collection 3. To understand the meaning of Evolution of Historiography. 4. To study the Various Views of

				<p>Historiography.</p> <p>5. To study the approaches to Historiography.</p> <p>6. To study the types of Indian Historiography.</p> <p>7. To describe importance of interdisciplinary research.</p> <p>8. To introduce students to the basics of research.</p> <p>9. To acquaint the student with the recent research in History.</p> <p>10. Learn how to use sources in their presentation</p>
Name of the Department	Class	Course Name	Course code	Course Outcome
History	TYBA	History Of Asia In 20th Century (1914 –1992)	3179	<p>1. To orient the students with political history of Asia.</p> <p>2. To enable students to understand the economic transition in Asia during 20th Centuries.</p> <p>3. Understand the important developments in the 20th century Asia in a Thematic approach.</p> <p>4. To provide students with an overall view and broad perspective different movements connected with Nationalist aspirations in the region of Asia in general.</p> <p>5. To empower students to cope with the challenges of globalization.</p>

Department of Economics Program Specific Outcomes

Name of the Department	Program Specific Outcome
Department of Economics	<p>PSO: Explain the basic concepts, laws and theories related to the economic behaviour of the human being.</p> <p>PSO: Inculcate the economic way of thinking.</p> <p>PSO: Apply economic analysis in practice.</p>

Course outcomes (Semester I)

Name of the Department	Class	Course Name	Course code	Course Outcome
Department Of Economics	FYBA	Indian Economics & Environment		1.To familiarize the students with the recent developments in the Indian Economy 2.To provide the students with the background of the Indian Economy with focus on contemporary issues like economic environment. 3.To help the students to prepare for varied competitive examinations 4.To enable students to understand and comprehend the current business scenario, agricultural scenario and other sectorial growth in the Indian context. 5.To make the student aware of the developments such as MSMEs, Digital Economy, E-Banking, BPO & KPO, etc.

Course outcomes (Semester II)

Name of the Department	Class	Course Name	Course code	Course Outcome
Department Of Economics	FYBA	Indian Economics & Environment		1.Students enable to create value in young youth regarding the patriotism. 2.Students enable to understand the various Government of Indian acts their provision and reforms. Students enable to know the salient features in making of Indian constitution 3.Students enable to appreciate the socio-economic political factors which lead to the Freedom struggle. 4.Students enable to appreciate the fundamental rights and duties and the directive principle of state policy 5.Students enable to evaluate the

				evolution, functioning and consequences of political parties in India.
Department Of Economics	FYBA	Indian Economics & Environment		<p>1.Students enable to create value in young youth regarding the patriotism.</p> <p>2.Students enable to understand the various Government of Indian acts their provision and reforms. Students enable to know the salient features in making of Indian constitution</p> <p>3.Students enable to appreciate the socio-economic political factors which lead to the Freedom struggle.</p> <p>4.Students enable to appreciate the fundamental rights and duties and the directive principle of state policy</p> <p>5.Students enable to evaluate the evolution, functioning and consequences of political parties in India.</p>

SYBA Modern Banking (G-2)

Name of the Department:	Class	Course Name:	Course code:	Course Outcome
Economics	SYBA	Modern Banking		<p>1.After successfully completing this course, students will be able to:</p> <p>2.Descried evolution of modern banking in the west and in India.</p> <p>3.Describe functioning and working of the commercial and cooperative banks.</p> <p>4.Explain functions and working of the central bank of country and Reserve Bank of India.</p> <p>5.Explain principles of commercial banks, different types of accounts and customers of various types of these banks.</p> <p>6.Examine supply of money in economy and its control by the Reserve Bank of India.</p> <p>7.Analyse functioning and usage of various types of negotiable instruments used in financial sector of the economy</p> <p>8.Evaluate developments and challenges in</p>

				the sector of the cooperative banking India 9. Describe new applications of technology evolved in the banking sector
SYBA MICRO ECONOMICS (SI)				
Name of the Department	Class	Course Name:	Course code:	Course Outcome
Economics	SYBA	MICRO ECONOMICS		After successfully completing this course, students will be able to CO1: Describe basic economic problems and look towards the economy with the microeconomic approaches. CO2: Explain division of market from consumer and supply of the products from the producers. CO3: Interpret concepts related to utility, demand and supply in market. CO4: Analyse process of production in economy, laws and variables related to the production function. CO5: Demonstrate various forms of market and price determination concept of firm. CO6: Describe factors of production involved in process of production and theories related to their pricing CO7: Describe welfare economics, and variables involved in the welfare function and thoughts of the welfare economists. CO8: Apply the tools used for economic analysis.

SYBA MACRO ECONOMICS (S2)

Name of the Department	Class	Course Name	Course code	Course Outcome
Economics	SYBA			After successfully completing this course, students will be able to: CO1: Illustrate a macroeconomic approach towards economy in contrast with the microeconomic approach CO2: Make a detailed enquiry into generation, calculation and measurement of national income CO3: Describe way of money facilitates exchanges and develop market and the economy. CO4: Explain human behaviour creating effective demand which determines level of

				<p>output and employment in economy.</p> <p>CO5: Analyse approaches towards value of money and price level in economy</p> <p>CO6: Interpret causes and controlling measures of cyclical fluctuations in economy</p> <p>CO7: Assess macro policies-monetary and fiscal and its applications in the functioning of the economy.</p> <p>CO8: Evaluate developments in theory of employment of economics</p>
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Course Name: Economics of Development and Planning (G3)

Name of the Department	Class TYBA	Course Name	Course code	Course Outcome
Economics		Economics of Development and Planning (G3)		<p>After successfully completing this course, students will be able to:</p> <p>CO1: Describe concepts of Development and Growth of economies.</p> <p>CO2: Describe characteristics of developed or developing economies.</p> <p>CO3: Analyse constraints of process of development of various countries.</p> <p>CO4: Evaluate theories and ways of development of economies.</p> <p>CO5: Illustrate role of foreign capital in development of the economies.</p> <p>CO6: Appraise approaches towards process of development take place in an economy</p> <p>CO7: Assess instruments of macroeconomic policies, monetary and fiscal along with their role in controlling cyclical fluctuations in an economy.</p> <p>CO8: Explain overview of economic planning in India and inclusive approach towards growth of the Indian economy.</p>

Course Name: S3 International Economics

Name of the Department	Class	Course Name	Course code	Course Outcome
Economics	TYBA	S3 International Economics		<p>After successfully completing this course, students will be able to:</p> <p>CO1: Describe international economics of open economies and international trade flows among various countries.</p>

				<p>CO2: Evaluate theories related to international trade for profit maximization.</p> <p>CO3: Analyse process of gains from trade and determination of terms of trade.</p> <p>CO4: Describe concept of balance of payments and measures to correct deficit in balance of payments.</p> <p>CO5: Assess trade policy and concepts related to trade policy like quotas tariffs and exchange rates.</p> <p>CO6: Interpret India's foreign trade, policy and its participation in international trade organisations like World Trade Organisation.</p> <p>CO7: Demonstrate measures to promote export and regulation of foreign trade in India.</p> <p>CO8: Analyse nature and functions of organisations related to international and regional cooperation in trade.</p>
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Course Name: Public Finance S-4

Name of the Department:	Class	Course Name	Course code	Course Outcome
Economics	TYBA	Public Finance S-4		<p>After successfully completing this course, students will be able to:</p> <p>CO1: Describe role of Government in an economy and way of maximum social advantage in view of Dr. Dalton.</p> <p>CO2: Describe sources of income, types and principles of expenditure of government and general importance of public finance.</p> <p>CO3: Analyse public expenditure in India and effects of current trend of growth in public expenditure</p> <p>CO4: Analyse concepts and principles related to public revenue, taxation and status of Indian taxation.</p> <p>CO5: Examine external and internal debts of government and ways to repay public debts.</p> <p>CO6: Illustrate concepts of budgeting and Indian budgeting with special reference to gender budget.</p> <p>CO7: Describe purpose and process of deficit financing in economy and trends in deficit</p>

				financing in India. CO8: Describe federal finance in India and problems related to centre and state financial relationships.
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CLASS FY: B.COM
Course Name: Business Economics
SEM I

Name of the Department	CLASS	Course Name	Course code	Course Outcome
Economics	FY B.COM	Business Economics		1.Ability to apply the concepts of micro economics such as demand, supply, revenue, cost, elasticity, etc. 2.Ability to analyze and demonstrate knowledge of the basic theories/laws in economics- law of demand, law of supply, production function, etc 3.At the end of the course, the student should be able to evaluate Microeconomic concepts, models and its use in real life situations
CLASS FY: B.COM Course Name: Business Economics SEM II				

Name of the Department:	CLASS	Course Name:	Course code	Course Outcome
Economics	FY: B.COM	Business Economics		1.The students acquire the knowledge of Demand forecasting in sales management, Price fixing, market competitors. 2.To understand how the business organizations work by applying economic principles in their business management

SYBCOM Business Economics (Macro)

Name of the Department	CLASS	Course Name	Course code	Course Outcome
Economics	SY. B.COM	Business Economics	Course: (203)	After successfully completing this course, students will be able to: CO1: Explain nature, scope, importance and limitations of Macro Economics. CO2: Describe concepts and measurements of National Income of India. CO3: Describe functions of Money and control of credit by RBI in Indian economy.

				CO4: Explain concept of value Money and theories of value of Money. CO5: Analyse causes and its effects of Inflation and Deflation in Indian economy. CO6: Explain features and phases of trade cycle of Economy
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TYBCOM

Indian and Global Economic Development

Name of the Department	CLASS Economics	Course Name	Course code	Course Outcome
Economics	SY: B.COM	Business Economics	Course (303) (A)	After successfully completing this course, students will be able to: CO1: Describe comparison of Indian economy with developed economies. CO2: Explain agricultural development in India since independence. CO3: Describe industrial development in India since 1991. CO4: Describe infrastructural development in India since 1991. CO5: Describe concept of Human Resource Development in world. CO6: Explain role of foreign capital in global economic development. CO7: Illustrate concept of balance of trade and balance of payment in relation with foreign trade CO8: Elaborate objectives and structure of regional and international economic cooperation

Faculty of Commerce

Programme: B.Com (Banking & Costing)

Programme Outcomes (POs)-B.COM

Sr. No.	Programme Outcomes
1	Learn to become a Competent Business Manager Associates with requisite knowledge, skills and right attitude which is need of today's market scenario
2	Acquire knowledge of Good Accountant with necessary skill acquired through some add-on courses
3	Understand how to become a Prospective Leader of Global Business Houses
4	Gain ideas to become a Future Entrepreneur with professional and ethical values
5	Learn Attitude to Sustain in Global Competitive world

Program Specific Outcomes (PSOs)

Sr. No.	Programme Specific Outcomes (Banking and Finance)
1	1. Gain an insight into the functioning role of financial institutions in the Indian economy.
2	Understand of operations and developments in financial market in India.
3	Get acquainted with Banking Law and Practice in relation to the Banking system in India.
4	Understand the legal aspects of Banking transactions and its implications as Banker and Customer.
5	Become aware of the Banking Law and Practice in India.

Sr. No.	Programme Specific Outcomes (Cost and Works Accounting)
1	Able to understand basic concepts in Cost & Works Accounting
2	Able to classify the expenditure, analyses it, prepare report and comment on it.
3	Apply the knowledge to prepare cost sheet and work in a costing department of any organization as an associate.
4	Able to work and handle inventory/store department as a store keeper
5	Prepare for post graduate studies and to achieve success in their professional careers.

Course Outcome (COs):

Program	Course Code	Course Name	Course Outcome
F. Y. B.Com Sem- I	111	Compulsory English I	-
	112	Financial Accounting I	<ol style="list-style-type: none"> 1. Knowledge basic accounting concepts, conventions and recent trend in accounting. a 2. Application of concepts and conventions in practical accounting for decision making. 3. How to use accounting information to solve a variety of business problems. 4. Creating awareness about Goods and Service Tax Laws and Practices
	113	Business Economics I (Micro)	-
	114(A)	Business Mathematics and Statistics I	<ol style="list-style-type: none"> 1. Understand the concept of simple ,compound interest 2. Know about concept of population, sample

			& frequency distribution to make decision. 3. Understand technique of different type of Index Number (SENSEX & NIFTY) 4. Elementary statistical methods for analysis of data.
115	Org.Skill Development-I		1. Student is acquaint with emerging changes with modern office environment. 2. Development of conceptual , analytical, technical and managerial skills of students efficient office organization and records 3. Development of organizational skills of students.
	Banking and Finance-I		1. Student is acquaint with theoretical knowledge of Evolution, functions, services of banks 2. Student can open and operate his bank account. 3. Student will know different instruments used in banking with their legal aspect.
	Commercial Geography-I		
116	Consumer Protection -I		1. Aware about consumer right, Duties and mechanism for resolving their disputes. 2. Understand about law relating to consumers. 3. Understand the issues relating to E-banking, e- commerce, emerging issues and internet regulations. 4. Developing general awareness of Consumerism among the students.
117	Marathi-I		-
	Hindi-I		-

F.Y.B.COM SEM II

Program	Course Code	Course Name	Course Outcome
F. Y. B.Com Sem I	121	Compulsory English I	-
	122	Financial Accounting I	1. Imparting knowledge of various software's used in accounting. 2. Impart knowledge about final accounts of charitable trust. 3. Impart knowledge about valuation of intangible assets. 4. Impart knowledge about accounting

			for leases.
123	Business Economics I (Micro)	-	
124(A)	Business Mathematics and Statistics I		<ol style="list-style-type: none"> 1. Developing basic concepts in finance and business mathematics and statistic . 2. Familiar the students with application of statistical and mathematical in business 3. Students will able to analyses data by using some elementary statistical methods. 4. Acquaint students with some basic concepts in statistics.
125	Org.Skill Development-I		<ol style="list-style-type: none"> 1. Development of technical skills of the students to keep up with the technological advancements and digitalization. 2. Development of communication skills of students and introducing them to the latest tools in communication. 3. Development of writing, presentation, interpersonal skills of the students for effective formal corporate reporting,
	Banking and Finance-I		<ol style="list-style-type: none"> 1. Development of working capability of students in banking sectors. 2. Awareness of banking business and practices. 3. Enlighten the students regarding the new concepts introduced in the banking system 4. Student can open and operate his bank account. 5. Student will know different instruments used in banking with their legal aspect.
	Commercial Geography-I		
126	Busi. Ethics -I		<ol style="list-style-type: none"> 1. Enhancing students about general awareness of ethical dilemma at work 2. Introduction of corporate social responsibility, Corporate Governance and explore its relevance. 3. Know students with role of business ethics in various functional areas. 4. Examining whether ethics set any boundaries of accounting, marketing, IT, Social media and workplace.
127	Marathi-I	-	

Programme	Course Code	Course Name	Course Outcome
S. Y. B.Com	201	Hindi-I Business Communication	- 1. The concept, process and importance of communication. 2. The new technologies in business communication. 3. How to use various soft skills in business. 4. How to draft various letters in business. 5. Business communication skills through the application and exercises.
	202	Corporate Accounting	1. Corporate Accounting in conformity with the provisions of Companies Act and Accounting as per Indian Accounting Standards. 2. The conceptual aspect of corporate accounting. 3. Various skills about Computerized Accounting and Accounting Standards. 4. Various concepts related to companies 5. i.e. liquidation, amalgamation, absorption, re-construction and holding company.
	203	Business Economics (Macro)	-
	204	Business Management	1. Understand basic knowledge and business management concept. 2. Know about various function of management.
	205	Elements of Company Law	1. Student get key information from formation of company up to winding up of the company. 2. Student understands the roles, duties and responsibilities of key persons 3. Student acquaint with the knowledge of various documents involved in from formation up winding up of company.
	206	Banking and Finance	1. Role and structure of Indian banking system. 2. Various types of banks and their special features. 3. The reforms and other developments in the Indian Banking. 4. The functions and role of Reserve Bank

			of India
		Cost and Works Accounting	<ol style="list-style-type: none"> 1. Student is acquaint with basics of cost accounting 2. Student can classify, analyses, summarize and comment on cost data 3. Student learns procedural aspect in handling, recording of material and how to maintain various books of materials

Programme	Course Code	Course Name	Course Outcome
T. Y. B.Com	301	Busi. Regulatory Framework (M. Law)	<ol style="list-style-type: none"> 1. The basic concepts, terms & provisions of Mercantile and Business Laws. 2. How affect these laws on business, trade and commerce. 3. The concept of Intellectual Property Rights: (IPRs) and its various legal aspects.
	302	Advanced Accounting	<ol style="list-style-type: none"> 1. The various advanced accounting concepts and its Practical approach. 2. Nature of Banking Company and its Financial Statements. 3. The practical approach of account writing using Software. 4. Concept of analysis of financial statements.
	303 (A)	Indian and Global Eco. Development	-
	304	Auditing and Taxation	<ol style="list-style-type: none"> 1. The concept and principles of Auditing, Audit process, Assurance Standards, Tax Audit, and Audit of computerized Systems. 2. How to prepare the Audit report and its importance. 3. Computation of Taxable Income under the different Heads of Income. 4. The process of Submission of Income Tax Return, Advance Tax, and Tax deducted at Source, Tax Collection
	305	Banking And Finance – II	<ol style="list-style-type: none"> 1. The Financial Markets and its various segments. 2. The operations and developments in financial markets in India. 3. The functioning and role of financial

			institutions in the Indian Economy. Organization Functions & Working of 4. Regulatory Institutions in Financial Market.
		Cost and works accounting – II	1. Understand the concept and principles application of overheads. 2. Know about various methods of costing and their applications.
	306	Banking And Finance – III	1. Banking Law and Practice in relation to the Banking system in India. 2. The legal aspects of Banking transactions and its implications as Banker and Customer. 3. The Banking Law and Practice in India.
		Cost and works accounting – III	1. Concepts, procedures and legal Provisions of cost audit and costing techniques. 2. Application of Marginal Costing Technique. 3. Management information system in Costing. 4. Cost Accounting Standards issued by Institute of Cost and Management of India. =

Programme: M.Com (Banking & Costing)

Programme Outcomes (POs)-M.COM

Sr. No.	Programme Outcomes
1	Equip and train post graduate students to accept the challenges of business world by providing opportunities for study and analysis of advance commercial and business methods and processes.
2	Skills regarding methods of data collection and their interpretations.
3	Development of logical thinking and facilitate in personality development.
4	Future Entrepreneur with professional and ethical values
5	Acquaint students with significance of research in business.

Programme Specific Outcomes (PSOs)

Sr. No.	Programme Specific Outcomes (Banking and Finance)
1	Understand the legal aspects of Banking transactions and its implications as Banker and Customer.
2	Understand of operations and developments in financial market in India.
3	Get acquainted with Banking Law and Practice in relation to the Banking system in India.
4	Understand modern banking practices

5	Become aware of the Banking Law and Practice in India.
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Sr. No.	Programme Specific Outcomes (Cost and Works Accounting)
1	Able to understand scope of cost accounting in any business activity
2	Able to learn cost accounting treatment in relation to material cost accounting, employee cost and overheads
3	Get acquainted with application of cost accounting principles, techniques and methods in business research.
4	Developing cost accounting practices in accounting of manufacturing corporates.
5	Prepare for post graduate studies and to achieve success in their professional careers.

M.COM PART I & II (2019-2020)

Programme	Course Code	Course Name	Course Outcome
M.Com Sem- I	101	Management Account	<ol style="list-style-type: none"> 1. Understand the concept of Financial Accounting and its limitations, emergence of Management Accounting and Cost Accounting, 2. Understand the concept of Marginal Costing, its applications, different techniques of managerial cost accounting 3. Understand the concept of budget and budgetary control, types of budgets and preparation of functional budgets in an organization. 4. Understand the concept of Working Capital Management, determination of working capital.
	102	Strategic Management	<ol style="list-style-type: none"> 1. Understanding of the concept of Strategic management To understand the process of Strategic Management 2. Understanding the External and Internal Business Environment for effective Strategy formulation Development of Strategic analytical skills to design an effective 3. Developing Technical skills for evaluation of alternatives and analytical skills for choice among alternatives 4. Development of Analytical and Managerial Abilities for critical evaluation
	107	Advanced Cost Accounting	<ol style="list-style-type: none"> 1. Ability to understand the classification of costs. 2. understand the inventory related treatments

			<p>in Cost Accounting</p> <ol style="list-style-type: none"> 3. Understand the inventory related treatments in Cost Accounting. 4. Develop Performance Linked Employee Remuneration Systems. 5. develop ability to ascertain cost in different industries.
	108	Costing technique, Examination and responsibility accounting	<ol style="list-style-type: none"> 1. Students are expected to understand the role of Budget in the process of Cost Control and Decision Making. 2. Understand the concepts of Uniform Costing and Inter firm Comparison 3. Understand the relevance of Cost Accounting Data as a part of monitoring various segments of business. 4. Understand the industry specific cost ratios.
	115	Legal Framework of Banking	<ol style="list-style-type: none"> 1. Acquaint the students with legal framework in which the Indian banking is working today. 2. Make the students aware about the latest developments in the field of banking law. 3. Enable the students to understand modern banking practices. 4. Enable the students to establish a link between the legal provisions and the practical aspects of banking
	116	Central Banking	<ol style="list-style-type: none"> 1. Acquaint the students with RBI's various functions. 2. The students aware about the latest developments in the field of Para banking and NBFCs in India. 3. Students to understand the role of central banking especially in India. 4. Students to acquire sound knowledge of working and techniques of central bank.
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M.COM SEM- II

Programme	Course Code	Course Name	Course Outcome
M.Com Sem- I	201	Financial Analysis & Control	<ol style="list-style-type: none"> 1. Understanding basics of financial analysis. 2. Gain knowledge of practically comparing financial results of different years and different companies 3. Understand the importance of cash

			<p>liquidity in an organization. To understand the computation of cash and fund flows under operating, investing and financing categories</p> <p>4. Develop the skill of appropriate use of different ratios to evaluate the financial performance of entities.</p>
202	Industrial Economics		<p>1. Knowledge to the students about the basic issues of industrial economics</p> <p>2. Making aware the students about the industrial profile of India and the industrial policy of government of India.</p> <p>3. Students know theories of industrial economics.</p> <p>4. impart students' knowledge about sources of industrial finance and Indian industrial growth</p>
207	Application Cost Accounting		<p>1. Learners must be able to reconcile the cost and financial data.</p> <p>2. Understand the concepts of PLC and VCA.</p> <p>3. Understand the Cost Distortions in Traditional Costing and compare it with ABC .</p> <p>4. Get insight into the concept of Transfer Pricing & Target Costing.</p>
208	Cost Control and Cost System		<p>1. Students must understand the role of Marginal Costing in short term decision making.</p> <p>2. Understand the relevance of pricing</p> <p>3. Students will be able understand process of installation of costing system.</p> <p>4. Develop insight into Cost Reduction and Cost Control technique & to understand measurement of productivity</p>
215	Banking Law & Practices		<p>1. Students to acquire sound Knowledge of banking laws and practices in India.</p> <p>2. Making the students aware about the latest developments in the field of banking law.</p> <p>3. Enable the students to understand modern banking practices.</p> <p>4. Enable the students to establish a link between the legal provisions and the practical aspects of banking.</p>
216	Monetary Policy		<p>1. Create awareness regarding the objectives and importance of monetary policy.</p> <p>2. Making the students aware about the latest</p>

			<p>developments in the field of monetary policy committee in India.</p> <ol style="list-style-type: none"> 3. Enable the students to understand the role of RBI in financial inclusion. 4. Acquaint students with the recent policy changes announced by RBI.
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M.COM SEM- III

Programme	Course Code	Course Name	Course Outcome
M.Com Sem- I	301	Business Finance	<ol style="list-style-type: none"> 1. Students will be able to understand the role and importance of corporate finance, and learn the calculation value of money. 2. Students will be able to understand the financial planning, theories of capitalization and estimation of finance need of firm 3. Students will be able to apply best practice in working capital management. 4. Students will be able to learn the sources of finance to be tapped for running business successfully.
	302	Research methodology for business	<ol style="list-style-type: none"> 1. Understanding of basic knowledge of Business Research, Research Process, ethical issues and modern practices in research. 2. Learning the formulation of Research Problem, Hypotheses, Research Design and Sampling 3. Knowledge basic accounting concepts, conventions and recent trend in accounting. 4. Understanding the procedure of Research Report and mode of citation and bibliography.
	307	Cost Audit	<ol style="list-style-type: none"> 1. Understanding of basic concepts of cost audit and its applicability in various areas. 2. Knowledge on Rights, Duties, Responsibilities And Liabilities Of Cost Auditor. 3. Knowledge to Conduct The Cost Audit Traditionally And Electronically. 4. Knowledge On Preparation Of Cost Audit Report.
	308	Management Audit	<ol style="list-style-type: none"> 1. Understanding importance of management Audit.

			<ol style="list-style-type: none"> 2. Understanding the Procedure of Management Audit. 3. Understanding Corporate Image in Management Audit. 4. Able To Understand Different Areas Of Management Audit.
	315	Foreign Exchange	<ol style="list-style-type: none"> 1. Aware about role of foreign exchange market. 2. Expose them to various ways of financing of foreign trade. 3. Students shall learn and acquire knowledge about working of foreign exchange market in India. 4. Students will acquire skills about role of EXIM bank in financing foreign trade.
	316	International Finance	<ol style="list-style-type: none"> 1. Students will be able to learn the working of international banking and money market and role of RBI in this regard. 2. Students will be able to expose to international debt and equity market. 3. Students will be able to understand the working of exchange rate regime with latest trends. 4. Student may understand the importance of BRICS groups and its bank.

M.COM SEM- IV

Programme	Course Code	Course Name	Course Outcome
M.Com Sem- I	401	Capital Market & Financial Services	<ol style="list-style-type: none"> 1. Students will be able to learn the importance and working of capital market. 2. Student will be able to understand the working of BSE and NSE, and OTCEI in detail. 3. Students will be able to know the role of inter-mediatory, Mutual funds. Portfolio management. 4. Students will be able to know the role of SEBI in regulating stock exchanges and investors' education, financial advisors.
	402	Industrial Economics Environment	<ol style="list-style-type: none"> 1. Understanding the impact of economic and non – economic factors affecting industrial environment. 2. Understand role of various types of industries in India like small scale industries, public sector industries,

			<p>MNCs etc.</p> <ol style="list-style-type: none"> Analyze the impact of new industrial policy adopted by India. Understand role, progress and problems of manufacturing and service industries in India.
407	Recent Advances in Cost Auditing and Cost System		<ol style="list-style-type: none"> Understanding Cost Accounting Standards in depth. Understanding GST and Productive Audit. Understanding ERP understanding different areas of recent changes.
408	Project work / Case Studies		<ol style="list-style-type: none"> Awareness about recent trends in social & economic aspect. Awareness about recent trends and globalization. Enhanced awareness about functions, need & problems of SHGs. Understanding about rural distress.
415	Recent Advances in Banking and Finance		<ol style="list-style-type: none"> study of Companies (Amendment) Act 2013 with reference to Banking Students will come to know to recent technological development in banking, and various electronic funds transfer. Assessment of Financial Health through Ratio Analysis Students will acquire skills about recent development in Indian capital market.
416	Project work / Case Studies		<ol style="list-style-type: none"> Students may understand the importance of financial inclusion, progress till date of it, and also overview the role of micro financial institutions, customer management. Students will be exposed to recent technological development in banking, and various electronic funds transfer. Understanding Recent developments took place in Indian Capital Market. Students will acquire skills about recent development in Indian capital market..

Faculty of Science
Program outcome
Bachelor of Science

Name of the Program	Program code	Program outcome
B.Sc.		<ol style="list-style-type: none"> 1. Acquire the knowledge with facts and figures related to various subjects in pure sciences such as Chemistry, Botany, Zoology, Microbiology, Physics Mathematics, etc. 2. Understand the basic concepts, fundamental principles and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life. 3. Acquire the skills in handling scientific instruments, planning and performing in laboratory experiments. 4. The skills of observations and drawing logical inferences from the scientific experiments. 5. Analyse the given scientific data critically and systematically and the ability to draw the objective conclusions. 6. Think creatively to propose novel ideas in explaining facts and figures or providing new ideas or new solutions to the problems. 7. Realise the knowledge of subjects in other faculties such as humanities, performing arts, social sciences etc. can have greatly and effectively influence which inspires in evolving new scientific theories and inventions. 8. Develop scientific outlook not only with respect to science subjects but also in all aspects related to life. 9. Develop various communication skills such as reading, listening, speaking, etc., which will help in expressing ideas and views clearly and effectively. 10. Imbibe ethical, moral and social values in personal and social life leading to highly cultured and civilized personality.

		11. Develop flair by participating in various social and cultural activities voluntarily, in order to spread knowledge, creating awareness about the social evils, blind faith, etc.
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Department of Microbiology

Program specific outcome

Name of the Department	Program specific outcome
Microbiology	<p>A general course emphasizing distribution, morphology and physiology of microorganisms in addition to skills in aseptic procedures, isolation and identification. This course also includes more material covering Immunology, Molecular Biology, Medical microbiology, Biochemistry, Fermentation Technology, Applied microbiology etc.</p> <p>PSO1.Students will be able to communicate scientific information effectively, especially relating to microbiological organisms, and the roles of microbial organisms in ecosystem function and health-related issues</p> <p>PSO2.Students will be able to collect, analyze and interpret scientific data, including developing a familiarity with microbiology laboratory techniques and safety procedures</p> <p>PSO3.Students will be able to apply the scientific method as a demonstration that they understand its application furthering our knowledge of the microbial world</p> <p>PSO4.Students will be able to describe fundamental principles of biology e.g., central dogma, diversity of life, inheritance and how these principles relate to microorganism</p> <p>PSO5.Students will be able to describe unique microbial genetic systems (i.e., prokaryotic genomes, lateral gene transfer, plasmid structure and function, etc.)</p> <p>PSO6.Students will appreciate the biological diversity of microbial forms, and appreciate that this diversity results from</p>

	<p>evolutionary processes</p> <p>PSO7.Students will gain familiarity with the unique role of microbes play in genetic modification technologies (i.e., creation of GMOs, industrial applications, gene therapy, etc.)</p> <p>PSO8.Students will gain familiarity with the role of microbes in human disease, the role of microbes in issues of international health, and the human immune response to microbial infection</p> <p>PSO9.Students will gain familiarity with the role of microbes in the context of ecosystem function (e.g., microbial ecology, microbiome, etc.)</p>
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Course outcomes (Semester-wise)

Name of the Department	Class	Course Name	Course code	Course Outcome
Microbiology	F.Y.BSc	Introduction to microbial world	MB-111	<p>On successful completion of this subject the students will gain basic knowledge about Microbiology starting from history, applications and basic knowledge about the microorganisms.</p> <ol style="list-style-type: none"> 1. Get an idea about the historical events in microbiology 2. Understand the diversity of microbial world existing in the nature 3. Understand the taxonomic classification of microorganisms. 4. Know the scope of microbiology in various fields. 5. To inculcate sense of scientific

				responsibilities and to create social and environmental awareness
Microbiology	F.Y.BSc	Basic techniques in Microbiology	MB -112	<p>1. This subject will provide knowledge of Basic laboratory techniques e.g. parts of microscope, type and its principles.</p> <p>2. Get the theoretical concepts of related stain • Understand different methods of staining techniques • Understand nutritional requirements of bacteria .</p> <p>3.Understand the basic laboratory techniques</p> <p>4. Understand working of different types of microscopes and various microscopy techniques.</p> <p>5. Understand the structural organization of microbial world.</p> <p>6. To introduce the concepts of applications and research in microbiology</p> <p>7.They will be able to illustrate the construction and working of different fermenters.</p>
Microbiology	F.Y.BSc.	Bacterial cell and Biochemistry	MB- 121	<p>1 .To introduce the structure, chemical composition and functioning of bacterial cell components and cellular structures.</p> <p>2. To enrich students knowledge about bacterial cytology.</p> <p>3. Develop the fundamental</p>

				<p>knowledge about various biomolecules.</p> <p>4. To enrich students knowledge about classification of bacteria and viruses.</p>
Microbiology	F.Y.BSc	Microbial cultivation and Growth	MB-122	<p>1. To enrich students' knowledge about microbial growth and train them for pure microbial Technology.</p> <p>2. To make students aware about growth parameters and growth conditions and to help them in preparing laboratory manuals and standard operating practices.</p> <p>3. To understand the isolation techniques for various microorganisms from natural and extreme environments and to study their prominent features.</p> <p>4. motivate students to to built their successful career in microbiology</p>
Microbiology	S.Y.BSc	Medical Microbiology & Immunology	MB-211	<p>1. To inculcate knowledge in relationship between human disease and micro organisms, pathogenicity, laboratory diagnosis and treatment methods.</p> <p>2.The course provides the conceptual basis for understanding pathogenic microorganisms and the mechanisms by which they cause disease in the human body.</p>

				<p>3. It also provides opportunities to develop informatics and diagnostic skills, including the use and interpretation of laboratory tests in the diagnosis of infectious diseases.</p> <p>4. Demonstrate an understanding of key concepts in immunology.</p> <p>5. Understand the overall organization of the immune system</p>
Microbiology	S.Y.BSc	Bacterial physiology & Fermentation thechnology	MB -212	<p>1. Conceptual knowledge of properties, structure, function of enzymes</p> <p>2. They will be able to explain the importance of enzymes in living cell and distinguish between different classes of enzymes and their function</p> <p>3. Students will be able to illustrate and explains the various metabolic pathways of the cell in particular prokaryotic.</p> <p>4. They will be able to explain the method of cultivation of microorganisms on large scale.</p> <p>5. They will be able to distinguish between the types of fermentation processes and fermentors.</p> <p>6.They will be able to illustrate the construction and working of different fermenters.</p>
Microbiology	S.Y.BSc	Bacterial	MB- 221	<p>1. Students will be able to</p>

		Genetics		<p>summarise the basicst of genetics eg., DNA, RNA structure.</p> <p>2. They will be able to paraphrase the concept of gene.</p> <p>3. They will be able to interpret the concept of central dogma of molecular biology and its mechanism.</p> <p>4. They will be able to describe the basic molecular processes like DNA replication, transcription and translation.</p> <p>5. They will be able to explain various types of mutations and their causes.</p>
Microbiology	S.Y.BSc	Air, Water &Soil Microbiology	MB-222	<p>1. Students will be able to summarise both air and water microflora.</p> <p>2. They will be able to describe various techniques to measure the air and water microflora.</p> <p>3. To inculcate knowledge in role of microorganisms in eco system, methods of air sanitation ,water purification and sewage treatment.</p> <p>4. They will be able to summarise the important soil microorganisms. Their role in agriculture.</p> <p>5. They will be able to inter relate that how soil microorganisms helps in maintaining with elemental cycles</p>

				in nature.
Microbiology	T.Y.BSc	Medical Microbiology	MB-331,MB-341	<p>1. To inculcate knowledge in relationship between human disease and micro organisms, pathogenicity, laboratory diagnosis and treatment methods.</p> <p>2. Various concepts of medical microbiology</p> <p>3. Role of international organizations such as CDC and WHO</p> <p>4. Anatomy of human system Various chemotherapeutic agent and their mode of action</p>
Microbiology	T.Y.BSc	Microbial Genetics	MB-332,MB-324	<p>On Successful Completion of this subject the students should have a sound knowledge about microbial genetics and the Recombinant DNA Techniques used in microbiological research.</p> <p>1. Concept of central dogma of molecular biology</p> <p>2. Process of DNA replication transcription, translation</p> <p>3. Various method used for genetic recombination</p> <p>4. Concept of gene regulation</p> <p>5. Principals and applications of various molecular technique</p> <p>6. Gene library and gene mapping.</p>
Microbiology	T.Y.BSc	Enzymology	MB-333,	To inculcate knowledge about

				<p>Enzyme structure, function, kinetics and application in research.</p> <ol style="list-style-type: none"> 1. Vitamin as cofactor, its role metabolism, 2. Regulation of enzyme 3. Various methods used for enzyme purification 4. Enzyme assays
Microbiology	T.Y.BSc	Metabolism	MB-343	<p>On Successful Completion of this subject the students should have a sound knowledge about</p> <ol style="list-style-type: none"> 1. Concept of bioenergetics 2. Anabolism and catabolism with examples 3. Laws of thermodynamics
Microbiology	T.Y.BSc	Principle of Immunology	MB-334,MB-344	<p>To inculcate knowledge in human immune response towards microorganisms.</p> <ol style="list-style-type: none"> 1. Concept related to cells and organs related to immune system 2. Immune response and immune mechanism 3. Immunological disorders 4. Various antigen antibody reaction, 5. Different immunological techniques 6. Concepts related to transplantation
Microbiology	T.Y.BSc	Fermentation	MB-	Enable the student to get sufficient

		technology	335,MB-345	<p>knowledge about</p> <ol style="list-style-type: none"> 1. Strain improvement 2. Upstream and down stream process 3. Patents 4. Application of m.o.s capable of producing commercially important products on industrial scale
Microbiology	T.Y.BSc	Food and Dairy Microbiology	MB-336	<p>Enable the student to get sufficient knowledge in relationship between food and microbes, techniques used in food processing and Dairy industry.</p> <ol style="list-style-type: none"> 1. Milk microbiology- Preservation technique used in milk industry, Check quality of milk 2. Food microbiology –Preservation technique used in food industries, Microbial food borne illnesses.
Microbiology	T.Y.BSc	Environmental and Agricultural Microbiology	MB-346	<p>To inculcate knowledge in role of microorganisms in eco system and impact created by microbes in agricultural development</p> <ol style="list-style-type: none"> 1. Concepts related to Plant pathology 2. Soil microbiology and xenobiotics 3. Microbial waste treatment methods
Microbiology	T.Y.BSc	Practical Course-I	MB-347	<p>The aim of this is to deliver practical knowledge and the</p>

		Applied Microbiology		<p>implementation of the concepts studied.</p> <ol style="list-style-type: none"> 1. Students will able to estimate fermentation product 2. Students will able to Do Isolation and Screening of pesticide Degrading bacteria and Lactic Acid 3. Students will able to Perform Quality Assurance Test for antibiotics 4. Students will able to Check quality of Milk 5. Students will able to perform Dye Reduction Test and Biosynthesis of Nanoparticles
Microbiology	T.Y.BSc	Practical Course-II Biochemistry And Molecular biology	MB-348	<p>The aim of this is to deliver practical knowledge and the implementation of the concepts studied.</p> <ol style="list-style-type: none"> 1 Students will able to Estimate Clinical Biochemisrty Test for Blood fermentation product 2. Students will able to perform Qalitative and Qantitative Biochemical Techniques 3. Students will able to Perform Isolation And Screening of Enzyme Producing Organism 4. Students will able to Isolate Bacteriophages , Bacterial Genomic DNA

Microbiology	T.Y.BSc	Practical Course III Diagnostic Microbiology And Immunology	MB-349	<p>The aim of this is to deliver practical knowledge and the implementation of the concepts studied.</p> <ol style="list-style-type: none"> 1. Students will able to Perform Microscopic Examination of Clinical Samples 2. Students will able to Do Isolation and Identification of Clinical Pathogens 3. Students will able to Observe Permenant slides of Parasites 4. Students will able to do Epidermiological survey 5. Students will able to perform Immunoematology Tests
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Department of Physics

Program specific outcomes

Name of the Department	Program specific outcome
Physics	<p>PSO1.To provide knowledge of Physics From Nano Particle to Macro Particle through Qualitative and Quantative Analysis..</p> <p>PSO2.To make the students aware of applications of different physics aspects ..</p> <p>PSO3.To highlights the potential of these studies to become an entrepreneur.</p> <p>PSO4. To equipped with skills related laboratory as well as field based studies.</p> <p>PSO5. To makes the students aware about</p>

	<p>conservation and sustainable use of energy</p> <p>PSO6. To create: an interest research field to national development.</p> <p>PSO7. To address the socio- economical challenges related to physical sciences</p> <p>PSO8.To facilitates students for taking up and shaping a successful career in Physics.</p>
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Course outcomes

Name of the Department	Class	Course Name	Course code	Course Outcome
Physics	F.Y. B.Sc. SEM-I	Mechanics and Properties of Matter	PHY- 111	<p>CO1. Demonstrate an understanding of Newton's laws and applying them in Calculations of the motion of simple systems.</p> <p>CO2. Understand the concepts of energy, work, power, the concepts of conservation of energy elasticity and be able to perform calculations using them.</p> <p>CO3. To Understand the Concept of Viscosity,Viscous Force, Equation of Continuity, Bernoulli's Principle.</p> <p>CO4. To understand the Concept of Surface Tension.</p> <p>CO5. To Learn the Properties of Matter like Stress and Strain.</p> <p>CO6.Demonstrate quantitative problem solving skills in all the topics covered.</p>
		Physics Principles and Applications	PHY- 112	<p>CO1.To understand the general structure of atom.</p> <p>CO2.To understand the atomic excitation and LASER principles.</p> <p>CO3.To understand the bonding mechanism</p>

				<p>and its different types.</p> <p>CO4.To demonstrate an understanding of electromagnetic waves and its spectrum.</p> <p>CO5.To demonstrate quantitative problem solving skills in all the topics covered.</p>
		Physics Practical	PHY-113	<p>CO1.Acquire technical and manipulative skills in using laboratory equipment, tools, and materials.</p> <p>CO2.To understand the Different types of Measuring Instruments Like Vernier calliper and Micrometer Screwgauge.</p> <p>CO3. understanding of Physical Properties of Material Like Modulus of Rigidity and youngs Modulus.</p> <p>CO4.To Understand the Propertise of Laser like Divergence.</p>
	F.Y.B.Sc SEM-II	Heat and Thermodynamics	PHY 121	<p>CO1. To understand the Fundamentals of thermodynamics.</p> <p>CO2. To Learn the Heat transfer Mechanism and to understand the different types Heat engine.</p> <p>CO3.To understand the concept of heat and temperature to Study the Principle of thermometry.</p> <p>CO4..Demonstrate quantitative problem solving skills in all the topics covered.</p>
		Electricity and Magnetism Course Code -	PHY 122	<p>CO1.To understand the concept of the electric force, electric field and electric potential for stationary charges.</p> <p>CO2.Able to calculate electrostatic field and potential of charge distributions using</p>

				<p>Coulomb's law and Gauss's law.</p> <p>CO3.To understand the dielectric phenomenon and effect of electric field on dielectric.</p> <p>CO4.To Study magnetic field for steady currents using Biot-Savart and Ampere's Circuital laws.</p> <p>CO4.To study magnetic materials and its properties.</p> <p>CO5.Demonstrate quantitative problem solving skills in all the topics covered.</p>
		Physics Practical	PHY-123	<p>CO1.Acquire technical and manipulative skills in using laboratory equipment, tools, and materials.</p> <p>CO2. To understand P-V Diagram and theoretical Study of Carnots Cycle.</p> <p>CO3.To Understand Propertise Like thermal Conductivity, Specific Heat.</p> <p>CO4.To Study Charging Discharging of Capacitor and Kirchhoff's Laws.</p> <p>CO5. To Study Different Circuit like LR, LCR.</p> <p>CO6.to Study Characteristic of Diode.</p>
	S.Y.B .Sc. SEM-I	Mathematical Methods in Physics	PHY-231	<p>CO1.Understand the complex algebra.</p> <p>CO2.Understand the concept of partial differentiation.</p> <p>CO3.Understand vector algebra useful in mathematics and physics</p> <p>CO4.Understand the role of partial differential equations in physics.</p>
		Electronics	PHY-232	<p>CO1.Apply laws of electrical circuits to different circuits.</p> <p>CO2.Understand the relations in electricity</p>

				<p>CO3.Understand the properties and working of transistors.</p> <p>CO4.Design circuits using transistors and operational amplifiers.</p>
		Physics Practical	PHY-233	<p>CO1.Design experiments to test a hypothesis and/or determine the value of an unknown quantity.</p> <p>CO2.Investigate the theoretical background of an experiment.</p> <p>CO3.Setup experimental equipment to Implement an experimental approach.</p> <p>CO4.Analyze the data, plot appropriate graphs and reach conclusions from data analysis.</p> <p>CO5. Work in a group to plan, implement and report on a project/experiment.</p> <p>CO6. Keep a well-maintained and instructive laboratory logbook.</p>
	S.Y.B .Sc. SEM-II	Oscillations, Waves and Sound	PHY-241	<p>CO1.Understand the physics and mathematics of Oscillations.</p> <p>CO2.Solve the equations of motion for simple harmonic, damped, and forced oscillators.</p> <p>CO3.Explain oscillation in terms of energy exchange, giving various examples.</p> <p>CO4.Understand the mathematical Description of travelling and standing waves.</p>
		Optics	PHY-242	<p>CO1.Acquire the basic concepts of wave optics</p> <p>CO2.Describe how light can constructively and destructively interfere</p> <p>CO3.Understand optical phenomena such as polarization, birefringence, interference and diffraction in terms of the wave model.</p>

				CO4.Analyze simple examples of interference and diffraction phenomena.
		Physics Practical	PHY-243	CO1.Use various instruments and equipment. CO2.Design experiments to test a hypothesis and/or determine the value of an unknown quantity. CO3.Set up experimental equipment to implement an experimental approach. CO4.Analyze data, plot appropriate graphs and reach conclusions from your data analysis.
	T.Y.B .Sc. SEM-I	Mathematical Methods in Physics	91213	CO1.The student should be able to solve problems within these topics and describe their significance in modern physics CO2.Be familiar with the main mathematical methods in physics.
		Solid State Physics	91223	CO1.Be familiar with the basic phenomena in solid state physics. CO2. Understand the models that describe these phenomena. CO3.Be able to make quantitative estimates for phenomena in solid state physics.
		Classical Mechanics	91233	CO1.Have a deep understanding of Newton's law. CO2.Be able to solve the Lagrangian & Hamiltonians equation.
		Atomic And Molecular Physics.	91243	CO1.Understanding of the Standard Model. CO2.Be able to make quantitative estimates of phenomena in elementary particle.
		Computational Physics.	91253	CO1.Identify modern programming methods. CO2.Independently program computers using leading-edge tools.

		Renewable Energy Sources	912E3	<p>CO1.Describe the challenges and problems associated with the use of various energy sources.</p> <p>CO2.Know the need of renewable energy resources, historical and latest developments.</p> <p>CO3.Compare Solar, Wind and bioenergy systems, Their prospects, Advantages and limitations.</p>
	T.Y.B .Sc. SEM-II	Classical Electrodynamics	91214	<p>CO1.Understanding of the theoretical foundations of electromagnetic phenomena.</p> <p>CO2.Be able to solve the Maxwell equations for simple configurations.</p>
		Quantum Mechanics	91224	<p>CO1.Understand the effect of symmetries in quantum mechanics.</p> <p>CO2.Be able to solve the Schrödinger equation for simple configuration.</p> <p>CO3.Have a deep understanding of the mathematical foundations of quantum mechanics.</p>
		Thermodynamics & Statistical Physics	91234	<p>CO1.You can master basic statistical methods and concepts like probability, expected value variance.</p> <p>CO2.Has thorough knowledge on different Classical and quantum mechanical distribution functions.</p>
		Nuclear Physics	91244	<p>CO1.Demonstrate knowledge and understanding of laws definitions concepts scientific vocabulary,Scientific quantities and there</p>

				determination. CO2. Understand the fundamental principles and concepts governing classical nuclear physics.
		Electronics	91254	CO1.Analyse simple electronics circuits based on diodes and transistors with special focus on designing amplifiers with discrete components; CO2.Perform Analysis at AC of Amplifiers based on BJTs and FETs using weak signal models.
		Laser	912K4	CO1.Understanding the scientific and clinical principles of lasers in dentistry. CO2.Learn basic concepts of laser physics and segmentation of wavelengths. CO3.Become familiar with different types of laser used in dentistry. CO4.Understand the basic elements of the laser.
		PRACTICAL COURSE 1	921274	CO1.Work in a group to plan, implement and report on a experiment. CO2.Investigate the theoretical background to an experiment. CO3.Set up experimental equipment to implement an experimental approach. CO4.Demonstrate a deeper understanding of abstract concepts and theories gained by Experiencing and visualizing them as authentic phenomena.
		PRACTICAL COURSE 2	91284	CO1.Demonstrate a deeper understanding of abstract concepts and theories gained by experiencing and visualizing them as authentic

				<p>phenomena.</p> <p>CO2.Acquire the complementary skills of collaborative learning and teamwork in laboratory settings</p> <p>CO3.Demonstrate an understanding of laboratory procedures including safety, and scientific methods.</p> <p>CO4. Demonstrate an ability to collect data through observation and/or experimentation and interpreting data.</p>
		PRACTICAL COURSE 3	91294	<p>CO1.Work in a group to plan, implement and report on a project/experiment</p> <p>CO2.Investigate the theoretical background to an project.</p> <p>CO3.Acquire the complementary skills of collaborative learning and teamwork in laboratory settings</p> <p>CO4.Acquire technical and manipulative skills in using laboratory equipment, tools.</p>

Department of Botany
Program specific outcomes

Name of the Department	Program specific outcome
Botany	<p>PSO1. Plant diversity such as algae, bryophytes, pteridophytes, gymnosperm and angiosperm which indicates the evolution of plants.</p> <p>PSO2. Environmental problems along with finding solutions.</p> <p>PSO3. Various aspects and disciplines of plant study such as plant anatomy, plant physiology, embryology, etc.</p> <p>PSO4. Different types of nutrition which are applied in growth of plants.</p>

	PSO5. Characteristics of various plants to study identification classification and nomenclature under taxonomy and to know evolutionary relationship between different plant groups.
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Course outcomes (Semester-wise)

Name of the Department	Class	Course Name	Course code	Course Outcome
Botany	F.Y. B.Sc. (SEM I)	Botany I- Plant life and Utilization I	BO111	<ol style="list-style-type: none"> 1. Student becomes aware about the plant diversity i.e. various plant groups such as Algae, Lichens, Fungi, Bryophytes, Pteridophytes, Gymnosperm and Angiosperms. 2. They understand the value of plant diversity by knowing the utilization of each plant group for human use as well as for maintenance of entire ecosystem and environment.
		Botany II- Plant morphology and anatomy	BO112	<ol style="list-style-type: none"> 1. Student gets the knowledge of different morphological characters of plants such as inflorescence, flower and its parts, fruits and seeds. 2. They know about how these morphological characters are useful in identification, nomenclature, classification, phylogeny and plant breeding 3. Student knows about the anatomical structure in plant system by studying different tissue systems in plants.
		Practical based on BO111 and BO112	BO113	<ol style="list-style-type: none"> 1. Student gets the Practical knowledge about different plant specimen by studying its morphological and anatomical characters.
	F.Y. B.Sc.	Botany I- Plant life	BO121	<ol style="list-style-type: none"> 1. Students understand the detailed morphological and anatomical studies with

	(SEM II)	and Utilization II		reference to pteridophytes, gymnosperms and angiosperms. 2. They realize the utilization and ecological importance of these plant groups.
		Botany II- Principles of plant science	BO122	1. Student understands the concepts Plant physiology such as osmosis, diffusion, plasmolysis etc., plant cell structure and cell cycles in plants. 2. Student get knowledge about the structure of DNA and RNA its function and replication.
		Practical based on BO121 and BO122	BO123	1. Student gets the Practical knowledge about different plant specimen by studying its morphological and anatomical characters. 2. The practicals of physiology make them aware about how the plant performs its metabolic activities. 3. Student realize about how DNA and RNA can be isolated and quantified.
Botany	S.Y. B.Sc. (SEM I)	Botany I- Taxonomy of Angiosperm and plant community	81411	1. Students understand Plant descriptions, description of morphological and reproductive characters of plants and also identification and classification and nomenclature of plant families of Angiosperm. 2. A herbarium technique gives knowledge for identification of plants. 3. Students understand environmental basic concept of ecology and know about plant adaptation according to different ecological conditions such as xerophytes, halophytes, mesophytes and succulents.
		Botany II-	81421	1. Students get knowledge of basic concepts in

		Plant physiology		plant physiology such as plant water relation, osmosis, imbibition, water absorption, and ascent of sap, seed technology, nitrogen metabolism physiology of flowering and plant growth regulators and vernalization.
	S.Y. B.Sc. (SEM II)	Botany I- Plant anatomy and embryology	81412	<ol style="list-style-type: none"> 1. Student realizes the anatomical structure of angiosperm with respect to Epidermal tissue system, Mechanical tissue system, Vascular tissue system, Normal secondary growth, Anomalous secondary growth. 2. They understand basic knowledge of embryo and embryo development and types of embryo.
		Botany II- Plant Biotechnology	81422	<ol style="list-style-type: none"> 1. Students know about types of enzymes and enzyme immobilization, production of single cell protein and its economic implications. 2. They aware about methods of phytoremediations, rhizofiltration, phytoextraction, etc. 3. Students understand basics of gene transfer in plants, its application in crop improvement and Nano-biotechnology.
		Botany III- Practical	81432	<ol style="list-style-type: none"> 1. Student gets the Practical knowledge about how to describe plant families and their economic importance. 2. The practicals of physiology make them aware about how the plant performs its metabolic activities. 3. Student understands the mechanical tissue system , normal and anomalous secondary growth , embryonic development in plant system

				4. Student get knowledge about how fermentation products are formed and DNA isolation with agarose gel electrophoresis.
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Short Term Course Outcomes:

Name of the Department	Class	Course Name	Course Outcome
Botany	F.Y. B.SC. and S.Y. B.Sc.	Certificate course in Herbal cosmetics (Basic)	<ol style="list-style-type: none"> 1. Students Understand the basic techniques for standardization of extracts and their screening methods of herbs. 2. They able to Demonstrate and analyse the preparation of herbal soap, hair oil, face pack, hair conditioner, moisturiser and herbal hair dye 3. Student aware about different skin types and its relation to different face pack. 4. Exhibit and demonstrate the basic communication skills for marketing of products

Department of Zoology
Program specific outcomes

Name of the Department	Program specific outcome
ZOOLOGY	<p>Students leaning Zoology for B.Sc. PSO is,</p> <ul style="list-style-type: none"> • PSO1: Students will be able to present scientific hypothesis and data, orally and in writing in the formal that are used by practicing scientists. • PSO2: Students will be able to apply the scientific method to question in zoology by formulating testable hypothesis. • PSO3: Students will be able to access the primary literature, identify relevant works for a particular topic and evaluate the scientific content of this work. • PSO4: Students should be able to apply fundamental mathematical

	<p>tools (Statistics and Calculus) and physical principles (Physics and chemistry) to the analysis of relevant biological situations.</p> <ul style="list-style-type: none"> • PSO5: Students should be able to identify, compare and contrast the characteristics of animals to differentiate them from other life forms. • PSO6: Students should be able to use comparative anatomy to study evolution • PSO7: Students should be able to explain gene, genome, cell biology, tissue, organs and systems. • PSO8: Students also able to explain physiological and developmental aspects of organism. • PSO9: Students are able to explicate the ecological interconnections of the life on the earth by tracing energy and nutrient flow through the environment. • PSO10: Students will be able to demonstrate proficiency in the experimental techniques and methods of analysis appropriate for their area of specialization within biology. • PSO11: Students will be able to apply Zoology to day to day life and enhance life & business.
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Course outcomes (Semester-wise)

Name of the Department	Class	Course Name	Course code	Course Outcome
Zoology	F.Y. B.Sc. Sem I	Animal Diversity I	ZO - 111	<ul style="list-style-type: none"> • CO 1: To remember & understand the basics of animal classification. • CO 2: To analyse the characters critically and classify them • CO 3: To apply classification of animals in day today life to the invertebrate forms we observe up to phylum & class. • CO 4: To examine the characters and verify the additional features related to animal classification. • CO5: To create culturing mechanisms and nurture some invertebrates in laboratory conditions and observe their

				lifestyle.
		Animal Ecology	ZO -112	<ul style="list-style-type: none"> • CO 1: To recollect and implement the basics of ecology in each unit. • CO 2: To scrutinize concepts in ecology and peruse them with examples. • CO 3: To analyse the said laws of nature with a thought about humans • CO 4: To explore the joy of learning in environment and apply the logic of class to living systems. • CO5: To construct the models of ecosystem and other aspects to apply it to nature. • CO 6: To formulate an ecosystem in class room with all possible information.
F.Y. B.Sc. Sem II		Animal Diversity II	ZO-121	<ul style="list-style-type: none"> • CO 1: To remember & understand the basics of animal classification. • CO 2: To analyse the characters critically and classify them. • CO 3: To apply classification of animals in day today life to the invertebrate forms we observe up to phylum & class. • CO 4: To examine the characters and verify the additional features related to animal classification. • CO5: To create culturing mechanisms and nurture some invertebrates in laboratory conditions and observe their lifestyle.
		Cell Biology	ZO-122	<ul style="list-style-type: none"> • CO1: To recollect and understand the basics of cell. • CO2: To relate the techniques to cell to understand the cell better • CO 3: To solve cell biology problems using the formulae and techniques.

				<ul style="list-style-type: none"> • CO 4: To compare the cellular size shape number with its functioning. • CO5: To appraise the cellular functioning to its position and structure • CO 6: To create a virtual cell model and understand its functioning
S. Y. B.Sc. Sem I		Animal Diversity III	ZO - 231	<ul style="list-style-type: none"> • CO1: To remember & understand the basics of animal classification. • CO2: To analyse the characters critically and classify them • CO3: To apply classification of animals in day today life to the vertebrate forms we observe up to phylum & class. • CO4: To examine the characters and verify the additional features related to animal classification. • CO5: To create culturing mechanisms and nurture some vertebrates in laboratory conditions and observe their lifestyle. • CO6: To type study an example with hands on experience
		Applied Zoology	ZO - 232	<ul style="list-style-type: none"> • CO1: Useful and harmful insects and their impact on human life stock. • CO2: To Apply the knowledge of culturing the sericulture worms for a profitable use. • CO 3: To analyse the silk worm varieties and the silk obtained from them. • CO 4. To create entrepreneurs who can handle agro businesses and successfully create profitable businesses. • CO-5. To control unwanted animals by understanding their life cycles, stages and control points for agro based profitability. • CO -6. Use Of Technology For Business Prospering
				<ul style="list-style-type: none"> • CO1: To remember & understand the basics of animal classification. • CO2: To analyse the characters

	S. Y. B.Sc. Sem II	Animal Diversity IV	ZO – 241	<p>critically and classify them</p> <ul style="list-style-type: none"> • CO3: To apply classification of animals in day today life to the vertebrate forms we observe up to phylum & class. • CO4: To examine the characters and verify the additional features related to animal classification. • CO5: To create culturing mechanisms and nurture some vertebrates in laboratory conditions and observe their lifestyle. • CO6: To type study an example with hands on experience
		Applied Zoology II	ZO - 242	<ul style="list-style-type: none"> • CO-1 honey bees and their impact on human life stock. • CO-2:to Apply the knowledge of culturing the honey bees for a profitable use by knowledge of their biology. • CO 3. to create entrepreneurs who can handle agro businesses and successfully create profitable businesses. • CO-4. To promote fisheries as an entrepreneurial business. • CO-5. Linking various aspects of human life with these businesses for popularizing applied zoology • CO -6. Use Of Technology For Business Prospering

Short Term Course Outcomes:

Name of the Department	Class	Course Name	Course Outcome
zoology	FY BSc	Spoken English	<ul style="list-style-type: none"> • Students realize the beauty and communicative power of English. • Students understand the importance and utility of the English language. • Students can use the language effectively

			<p>and feel confident in and outside the world</p> <ul style="list-style-type: none"> • Their employability enhances and English becomes the medium of their livelihood and personality.
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Department of Mathematics
Program specific outcomes

Name of the Department	Program specific outcome
Mathematics (F.Y.B.Sc &S.Y.B.Sc)	<ol style="list-style-type: none"> 1) Think in a critical manner. 2) Know when there is a need for information, to be able to identify, locate, evaluate, and effectively use that information for the issue or problem at hand. 3) Formulate and develop mathematical arguments in a logical manner. 4) Acquire good knowledge and understanding in advanced areas of mathematics and statistics, chosen by the student from the given courses. 5) Understand, formulate and use quantitative models arising in social science, business and other contexts.

Course outcomes (Semester-wise)

Name of the Department	Class	Course Name	Course code	Course Outcome
Mathematics	F.Y.B.Sc.	Algebra (Semester-I)	MT-111	<ol style="list-style-type: none"> 1) Student will be able to apply basic concept of sets, relations, functions, type of functions. 2) Student will be able to solve various problems on properties of integers and use the basic concepts of divisibility, congruence and their applications in basic algebra.

				3) Student will be able to apply basic properties of complex number, De- Moivre's theorem, region in complex plane.
Mathematics	F.Y.B.Sc.	Calculus -I (Semester-I)	MT-112	<p>1) Gain Knowledge of fundamental concepts of real numbers.</p> <p>2) Verify the value of the limit of a function at a point using the definition of the limit</p> <p>3) Introduction to sequence and series.</p> <p>4) Learn to check function is continuous, understand the consequences of the intermediate value theorem for continuous functions.</p>
Mathematics	F.Y.B.Sc.	Practical Course based on MT-111 and MT-112 (Semester-I)	MT-113	<p>1) Learn Maxima software.</p> <p>2) Problem solves on algebra and calculus by using maxima software.</p> <p>3) Knowledge of application of mathematics</p>
Mathematics	F.Y.B.Sc.	Analytical Geometry (Semester- II)	MT- 121	<p>1) Introduction to analytical geometry of 2 dimensional.</p> <p>2) Study of planes and lines in 2 and 3 dimensions.</p> <p>3) Student will be to finding equation in various form of the sphere, equation of plane section of a sphere, equation of a circle,</p>

				sphere through given circle and equation of tangent plane to sphere.
Mathematics	F.Y.B.Sc.	Calculus- II (Semester- II)	MT-122	<p>1) Student will be to understand differentiation, fundamental theorem in differentiation and various rules.</p> <p>2) Student will be to understand geometrical representation and problem solving on MVT</p> <p>3) Student will be to identify and apply the intermediate value theorem, Mean value theorem and Hospital's rule.</p> <p>4) Student will be to identify types of differential equations and solve differential equations such as Exact, homogeneous, non-homogeneous, and linear and Bernoulli differential equations etc.</p>
Mathematics	F.Y.B.Sc.	Practical Course based on MT-121 and MT-122 (Semester- II)	MT-123	<p>1) Learn Maxima software.</p> <p>2) Problem solves on analytic geometry and calculus by using maxima software.</p> <p>3) Problem solving on geometry and calculus.</p>
Mathematics	S.Y.B.Sc.	Multivariable Calculus I (Semester-I)	MT-211	<p>1) Students will able to learn analysis of multivariable functions, limit, continuity, partial derivatives and differentiability.</p> <p>2) Students will able to learn the</p>

				concepts of multiple integrals and their application to area and volumes
Mathematics	S.Y.B.Sc.	Laplace Transform and Fourier Series (Semester-I)	MT-212(B)	<p>1) Students will able to learn the methods and properties of Laplace transform and Inverse Laplace transform; apply them to solve Linear Differential equations.</p> <p>2) Students will able to apply the fundamental concepts of Fourier series, Fourier Sine series, Fourier Cosine series to find series representation of irrational numbers.</p>
Mathematics	S.Y.B.Sc.	Mathematics Practical based on MT211 and MT212 (Semester-I)	MT-213	<p>1) Problem solving on multivariable calculus and Laplace transform, Fourier series</p> <p>2) Learn to build logical concept.</p>
Mathematics	S.Y.B.Sc.	Linear Algebra (Semester-II)	MT-221	<p>1) Students will able to use the concept of basis and dimension of vector spaces linear dependence and linear independence, to solve problems.</p> <p>2) Students will able to use the concept of inner product spaces to find norm of vectors, distance between vectors, and check the orthogonality of vectors, to find the orthogonal and orthonormal basis.</p>

				<p>3) Students will be able to apply the properties of linear transformations to linearity of transformations, kernel and rank of linear transformations, inverse transformations to solve the problems of matrix transformations, change of basis.</p>
Mathematics	S.Y.B.Sc.	Numerical Analysis (Semester-II)	MT-212(B)	<p>1) Students will be able to round-off given number calculate absolute, relative and percentage error.</p> <p>2) Students will be able to solve the algebraic and transcendental equations by Numerical Methods</p> <p>3) Students will be able to use the least square curve fitting procedure to fit straight line and non-linear curves</p> <p>4) Students will be able to use the finite difference operators, interpolation formulae.</p> <p>5) Students will be able to use the concept of numerical integration.</p> <p>6) Students will be able to solve the first order ordinary differential equations by Numerical Methods.</p>
Mathematics	S.Y.B.Sc.	Mathematics Practical based on MT-221 and MT-222 (Semester-	MT-223	<p>1) To demonstrate use of interpolation method in numerical analysis.</p> <p>2) Use computational techniques and algebraic skills essential for the study of systems of linear</p>

		II)		equations, matrix algebra, vector spaces, eigenvalues and eigenvectors, orthogonality and diagonalization.
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Department of Statistics
Program specific outcomes

Name of the Department	Program specific outcome
Statistics	<p>PSO1.To provide knowledge of Statistics, Qualitative and Quantative data Analysis, various statistical distributions.</p> <p>PSO2.To make the students aware of applications of different statistical aspects.</p> <p>PSO3.To highlights the potential of these studies to become an entrepreneur.</p> <p>PSO4.To equipped with skills related to theoretical as well as practical based studies.</p> <p>PSO5.To inform students about how Statistics is used in real life.</p> <p>PSO6.To create: an interest research field to national development..</p> <p>PSO7.To facilitates students for taking up and shaping a successful career in Statistics.</p>

Course outcomes

Name of the Department	Class	Course Name	Course code	Course Outcome
Statistics	F.Y.B.Sc . SEM-I	Descriptive Statistics I	ST-111	After completing this course student will be able to 1) Define- Mathematical Averages

				<p>(AM,GM,HM) , Positional Averages (Median, Mode Partition values), Absolute (Range, Q.D., M.D., S.D. and Relative measures of dispersion, Moments Skewness and Kurtosis, Characteristics of Attributes.</p> <p>2) Explain- Constructions of Diagrams and Graphs , Mathematical Averages and Positional Averages, Absolute and Relative measures of dispersion, Moments Skewness and Kurtosis, Characteristics of Attributes.</p> <p>3) Write- Relation between AM ,GM, HM,Derivation of Median and Mode, Properties of Measures of central tendency and dispersion, First four raw and central moments, measures of Skewness and Kurtosis, concept of consistency in attributes, Yules coefficient of association, coefficient of colligation and relation between them.</p>
		<p>Discrete Probability and Probability distributions -I</p>	<p>ST-112</p>	<p>After completing the course, students will able to-</p> <p>1) Define- Sample space (Finite and countable infinite), Power set, Axiomatic definition of probability, Probability Mass function (pmf), Cumulative distribution function (cdf),Mathematical expectation,Binomial distribution,Hypergeometric distribution.</p> <p>2) Explain- Random experiment, events</p>

				and types of events, Conditional Probability and Independence of events. 3) Write- Examples on sample space, simple examples on probability based on permutation and combination, Theorems on probability, Properties of cdf.
		Statistics Practical	ST-113	<ol style="list-style-type: none"> 1. Diagrammatic representation of data, Histogram, Frequency polygon, ogive curves. 2. Use of MS-Excel to draw random numbers and sampling 3. Data interpretation from various graphs and diagrammes. 4. Computation of measures of central tendency and dispersion 5. Measures of skewness, kurtosis and box plot 6. Computation of summary statistics using MS-Excel
	F.Y.B.Sc SEM-II	Descriptive Statistic II	ST-121	<p>After completing the course, students will able to-</p> <ol style="list-style-type: none"> 1) Define- Types of correlation, fitting of line of Regression, Coefficient of Determination, Residual, and Unweighted and Weighted index numbers. 2) Explain- Bivariate data, Correlation, Regression, Multiple and Partial correlation, Multiple Regression, Index Number, Types of Index Number. 3) Write- Interpretation of r if $r=1$, $r=-1$,

				r= 0, Properties of correlation coefficient, Derivation of the formula for Spearman's rank correlation coefficient, Fitting of regression plan by method of least square, Properties of Multiple and Partial correlation coefficient, Price , Quantity and Value index number
		Discrete Probability and Probability distributions -II	ST-122	<p>After completing the course, students will able to-</p> <p>1) Define- Random Variable, Expectation of random variable , Mean, Variance, Raw and central moments based on expectation of random variable, Poisson distribution, Geometric Distribution, Bivariate discrete random variable.</p> <p>2) Explain- Results on expectation of random variable, Mean and variance by using pgf.</p> <p>3) Write- Properties of pgf, Probability mass function-Mean-Variance-moments-cdf for standard discrete probability distribution, Recurrence relation, concept of marginal and conditional probability, Theorems on expectation, conditional mean and conditional variance.</p>
		Statistics Practical	ST-123	<ol style="list-style-type: none"> 1. Scatter Diagram, Correlation coefficient, Fitting of line of regression. 2. Fitting of second degree curve, exponential curve. 3. Fitting of Binomial distribution. 4. Fitting of Poisson distribution

				<p>5. Applications of Binomial, Poisson, geometric distributions</p> <p>6. Index numbers</p> <p>7. Scatter Diagram, Correlation coefficient, Fitting of line of regression, Fitting of second degree curve, exponential curve using MS-Excel</p>
	S.Y.B.Sc SEM-I	Discrete Probability Distribution and Time Series	ST-231	<p>After completing the course, students will able to-</p> <p>1. Learn Negative Binomial Distribution, Multinomial Distribution, Truncated Distribution, with their Mean, Variance .moments and other properties.</p> <p>2. Learn the Meaning and need of time series analysis. Do Measurement of trend</p>
		Continuous Probability Distribution	ST-232	<p>After completing the course, students will able to-</p> <p>1. Understand concept of continuous distributions with real life situations</p> <p>2. Learn Uniform, Exponential, Normal distribution.</p> <p>3. Compute mean, mode, variance, moments, cumulants for all Distributions</p> <p>4. Learn properties of each specified distribution</p>
		Statistics Practical	ST-233	<p>1. Fitting of Negative Binomial distribution.</p> <p>2. Fitting of Normal distribution.</p> <p>3. Model sampling from exponential distribution</p>

				<p>Implement an experimental approach.</p> <p>4.Time series-Estimation and forecasting of trend by exponential smoothing, moving averages, plotting of residuals, Fitting of AR model</p> <p>5.Estimation of trend, seasonality</p> <p>6. Fitting of Negative Binomial distribution, Fitting of Normal distribution using MS-Excel</p>
	S.Y.B.Sc SEM-II	Statistical Methods and use of R- Software	ST-241	<p>After completing this course student will be able to</p> <p>1. Learn basic concepts of multiple linear Regression Model</p> <p>2. Learn Testing of Hypothesis</p> <p>3. Understand Large Sample Tests</p> <p>4. Understand the need of vital statistics and concept of mortality and fertility</p> <p>5. Solve examples on Demography</p> <p>6. Understand Queueing Models and Solve examples.</p>
		Sampling distribution And inference	ST-242	<p>After completing this course student will be able to</p> <p>1. Learn Exact Sampling Distributions</p> <p>2. Understand Chi-Square distribution, Student's t- distribution, Snedecores F distribution</p> <p>3. Know the relations among the different distributions</p> <p>4. Learn Testing of Hypothesis</p> <p>5. Understand Large Sample Tests</p> <p>6. Learn Testing of Hypothesis</p>

				7. Understand Small Sample (Exact) Tests
		Statistics Practical	ST-243	<ol style="list-style-type: none"> 1. Test for means & construction of confidence interval 2. Test for proportions & construction of confidence interval 3. Test based on chi square distribution <ol style="list-style-type: none"> i) Goodness of fit ii) Independence of attributes iii) Mc Neamar's test 4. Test for means & construction of confidence interval using MS-Excel 5. Tests using R-software

Department of BBA (CA)

Program outcome

Name of the Program	Program code	Program outcome
BBA(CA)		<ul style="list-style-type: none"> • POs 1: Ability to understand the concepts of key areas in computer science. • POs 2: Learn and apply computing and managerial principles to excel in professional career in the field of Computer Applications as an individual, as part of a team, and to deliver within constraint limits as a professional. • POs 3: Exhibit professional ethics, cyber regulations and communication skills, engage in lifelong learning and to adapt emerging technologies and tools for developing innovative software solutions. POs 4: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society.

Program specific outcomes

Name of the Department	Program specific outcome
BBA(CA)	<ul style="list-style-type: none"> • PSOs 1: Students should be able to apply modern practices and strategies in software project development using open-ended programming environments to deliver quality product for business success in context with societal needs. • PSOs 2: An ability to gain knowledge on design and control strategy; techniques to secure information and adapt to the fast changing world of information technology needs. • PSOs 3: Design and develop Web and Mobile based computer applications • PSOs 4: An ability to use and develop cloud software, administrative features. infrastructure services and architectural patterns; ethical hacking and forensic security technologies.

Course outcomes (Semester-wise)

Name of the Department	Class	Course code	Course Name	Course Outcome
BBA(CA)	FYBBA (CA) Sem-I	CA-101	Business Communication	<ul style="list-style-type: none"> • Become adept to communicate and write effectively. • Developing and delivering effective presentations. • Create awareness among students about Methods and Media of communication. • Make students familiar with information technology and improve job seeking skills.
		CA-102	Principles of Management	<ul style="list-style-type: none"> • Practice the process of management's four functions: planning, organizing, leading, and controlling • Evaluate leadership styles to anticipate the consequences of each leadership style.

			<ul style="list-style-type: none"> • Understand the working of business organization • Inculcate Entrepreneurial skills
		CA-103	C Language <ul style="list-style-type: none"> • To Understand how to use programming in day-to-day Applications • Improve the problem-solving ability • Understand and develop well-structured programs using C language
		CA-104	Database Management System <ul style="list-style-type: none"> • To understand the file structure and its organization. • An introduction about Database management system • Helps student to learn different types of data models • Student gets knowledge about designing relational database
		CA-105	Statistics <ul style="list-style-type: none"> • To understand the power of excel spreadsheet in computing summary statistics. • To understand the concept of various measures of central tendency and variation and their importance in business. • To understand the concept and applications of probability, probability distributions in real life situations. • To understand simulations in business world and decision making.
	FYBBA (CA) Sem-II	CA-201	Organization Behavior & Human Resource <ul style="list-style-type: none"> • Helps the students to understand the impact that individual, group & structures have on their behaviour within the organizations. • Enhance and apply the knowledge they have received for the betterment of the organization.

			Managem ent	<ul style="list-style-type: none"> • Helps in understanding the basics related to individual behaviour and its impact on their performance
		CA- 202	Financial Accountin g	<ul style="list-style-type: none"> • Helps students to acquire sound knowledge of basic concepts of accounting • Gains basic accounting knowledge • 3) Impart the knowledge about recording of transactions and preparation of final accounts 4) Acquaint the students about accounting software packages (Tally)
		CA- 203	Business Mathema tics	<ul style="list-style-type: none"> • Students learned basics of fundamental maths • Studied business problems and conversion into business maths • Learned the concept of LPP and transportation problem • Studied matrices and determinants
		CA- 204	Relational database	<ul style="list-style-type: none"> • Students get the knowledge of Relational Database concepts which is the basic requirements of every organization. • Students get job as a DBA in good organizations. • Students can go for certification too which helps to get good opportunities in their carrier.
		CA- 205	Web Technolo gy HTML- JS-CSS	<ul style="list-style-type: none"> • Give students the basic understanding of how things work in the Web world from the technology point of view as well as to give the basic overview of the different technologies.

	SYBBA (CA) Sem-III	CA-301	Digital Marketing	<ul style="list-style-type: none"> • Students are able to implement best practices for creating, measuring, and optimizing display ad campaigns. • Students are able to effectively build users lists, deliver e-mails & generate relevant clicks. • Understand mobile marketing measurement and analytics. • Make business decisions from the metrics available in Digital Media.
		CA-302	Data Structure	<ul style="list-style-type: none"> • Students get the knowledge of Programming. • Students get job as a Programmer in organizations. • Data Structures using C subject is the basic requirements of every organization
		CA-303	Software Engineering	<ul style="list-style-type: none"> • Graduates are knowledgeable of the ethics, professionalism, and cultural diversity in the work environment. • Graduates can prepare and publish the necessary documents required throughout the project lifecycle. • Graduates can effectively contribute to project discussions, presentations, and reviews. • Develops Problem solving Skills • Develops Team work ability
		CA-304	Angular JS /PHP	<ul style="list-style-type: none"> • Give students the basic understanding of how things work in the Web world from the technology point of view as well as to give the basic overview of the different technologies. • Understand how to develop web-based applications. • Students are able to develop a dynamic webpage.
		CA-	Big data	<ul style="list-style-type: none"> • Understand the key issues in big data

		305		<p>management and its associated applications in intelligent business and scientific computing.</p> <ul style="list-style-type: none"> • Acquire fundamental enabling techniques and scalable algorithms like Hadoop, Map Reduce and NO SQL in big data analytics. • Interpret business models and scientific computing paradigms, and apply software tools for big data analytics.
		CA-305	Blockchain	<ul style="list-style-type: none"> • Blockchain technology landscape • Applications and implementation strategies • State-of-the-art, open research challenges, and future directions
	SYBBA (CA) Sem-IV	CA-401	Networking	<ul style="list-style-type: none"> • Students can get job as a Network Administrator in any organization. • This subject has wide scope in every MNC's as Networking is required everywhere. • Students can go for Certifications like CCNA which helps to get better opportunities in M.N. C's.
		CA-402	Object Oriented Concepts Through CPP	<ul style="list-style-type: none"> • To learn basic object-oriented concept • To write C++ programs that use object-oriented concept such information hiding, constructors, destructors • To know Inheritance, Polymorphism and its implementation in programming • Basic understanding of Template and Exception handling
		CA-403	Operating System	<ul style="list-style-type: none"> • To know system programming • Helps to understand services provided by operating system

			<ul style="list-style-type: none"> • To know Scheduling concept and scheduling algorithm • Helps to understand deadlock detection, prevention, avoidance • To know memory management in operating systems
		CA-404	NODE JS /Advanced PHP <ul style="list-style-type: none"> • Understand how to develop web-based applications. • Students are able to develop a dynamic webpage.
TYBB A(CA) Sem-V		CA-501	Java Programming <ul style="list-style-type: none"> • Student studied basic knowledge of java programming • Learned the concept of class and objects, and basic concept of abstraction, encapsulation, inheritance and polymorphism • Studied how to deal with the files • Learned the concept of Frame and related functions
		CA-502	Web Technologies <ul style="list-style-type: none"> • Give students the basic understanding of how things work in the Web world from the technology point of view as well as to give the basic overview of the different technologies. • Understand how to develop web-based applications. • Students are able to develop a dynamic webpage.
		CA-503	Dot Net Programming <ul style="list-style-type: none"> • It introduces visual programming and event driven programming practically • To know Architecture of ADO.Net • Helps student to understand object-oriented programming in VB.NET

				<ul style="list-style-type: none"> To enhance applications development skills of the students
		CA-504	Object Oriented Software Engineering	<ul style="list-style-type: none"> This subject helps students to get job as a Developer or Tester in software company. Students will learn the concept of software engineering in object-oriented approach. This subject has wide scope in every MNC's.
	TYBB A(CA) Sem-VI	CA-601	Advanced Web Technologies	<ul style="list-style-type: none"> Give students the basic understanding of how things work in the Web world from the technology point of view as well as to give the basic overview of the different technologies. Understand the concepts of XML and AJAX Students are able to develop a dynamic webpage.
		CA-602	Advanced Java	<ul style="list-style-type: none"> Studied the detailed knowledge of Thread and Multithreading Studied the basic concept of Java Database Studied the concept of Servlet and web and how to deal with the client and server on web applications Learned the concept of networking in java and concept like IP address, Data Input and Output Stream
		CA-603	Recent Trends in IT	<ul style="list-style-type: none"> This subject helps students to get knowledge of recent trends in Information Technology. Students will learn the concept of Network Security, Cloud Computing etc, which helps students to get job as a developer or network administrator in companies.
		CA-604	Software Testing	<ul style="list-style-type: none"> One of the Imp. Phase of SDLC, Students can get job as a Tester in software company. This subject has wide scope in every MNC's as

				<p>Testing process is required from the starting of every project.</p> <ul style="list-style-type: none"> • Manual and Automation Testing both covers here, students can go for Certifications also which helps to get better opportunities in M.N.C's
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Short Term Course Outcomes:

Name of the Department	Class	Course Name	Course Outcome
BBA(CA)	FYBBA (CA)	Digital Marketing	<ul style="list-style-type: none"> • Students are able to implement best practices for creating, measuring, and optimizing display ad campaigns. • Students are able to effectively build users lists, deliver e-mails & generate relevant clicks. • Understand mobile marketing measurement and analytics. • Make business decisions from the metrics available in Digital Media.
	SYBBA (CA)	Full Stack Developer	<ul style="list-style-type: none"> • Full Stack Web Development Programmer will enable you to build interactive and responsive web applications using both front-end and back-end technologies. • It starts with basics of Web Development, covers JavaScript and jQuery essentials, guides you to build remarkable user interface via Angular or React, helps you to build scalable backend applications using Express & Node.js plus manage data using MongoDB. • By the end of the program participants will be become an industry-ready engineer who can be readily deployed in a project.

Department of Bachelor in Mass Communication and Journalism

Program outcome

Name of the Program	Program code	Program outcome
B.Voc (Bachelor in Mass Communication And Journalism)		Media Professional,
		Films Production Professional,
		Television GEC Professional
		Advertising Professional,
		Public Relation Officer
		Print and Broadcast Journalist
		Documentary Film Maker
		Radio Broadcast Professional
		Fashion Photographer
		Corporate Communication Manager

Program specific outcomes

Name of the Department	Program specific outcome
Television	Producer, Creative Head, Program me Producer, Serial Director, Promo Producer. Cameraman, Editor, Script writer, Sound Recordist, Art Director, Media Manager.
Sport Channel	Producer, Promo Producer, On-line Editor, Cameraman, Sound Recordist Media Manager
Broadcast News (Web News Portal, Digital Media)	Editor, Journalist, News Anchor, News Producer, Script writer, TV Correspondent, Cameraman, Sound Recordist, Media Manager.
Print Media	Editor, Journalist, Script writer, TV Correspondent, Photographer, Media Manager
Music Channel	Video Jockey, Producer, Creative Head, Program me Producer, Promo Producer. Editor, Script writer, Cameraman, Media Manager. Sound Recordist
Films	Producer, Director, Script writer, Cinematographer, Editor, Media

	Manager. Sound Recordist, Sound Designer. Art Director, Graphic Designer.
Radio	Radio Jockey/ R.J, Producer, Creative Head, Program me Producer, Promo Producer. Sound mixer Engineer, Script writer, Sound Recordist, Sound Designer Media Manager.
Advertisement	Creative Head, Copy writer, Director, client Service Manager, Graphic Designer
Media Researcher	Academician

Course outcomes (Semester-wise)

Name of the Department	Class	Course Name and code	Course Outcome
B.Voc (Semester I)	First Year	Introduction to Mass Communication MC 101	Gain the Knowledge of Mass Communication Field and Understand the Functioning of Mass Media With Theory.
		Introduction to Media MC 102	Gain the understanding of the traditional print, electronic and web media and inculcate the knowledge of growth of print, electronic Media and Films.
		Basics of Visual Communication MC 103	Develop the knowledge of basic elements of visual Communication through Which create a scenes of Visual Communication
		Communication and Soft Skills MC 104	To strengthen oral communication skills in Hindi/ Regional Language / English and develop the knowledge of written in Hindi/ English/Regional Language.
		Computer Application MC 105	Gain an understanding of Software's and Operating System to learn Computer to strengthen in IT skill.

		Basic Photography MC 106	To learn and earn throw photography, Develop a sense to operate Professional camera in advance Audio- Video Field.
B.Voc (Semester II)	First Year	Social issue and Idea (MC-201)	<ol style="list-style-type: none"> 1. understand the sociological concept and theories 2. understand the importance of sociology 3. create understanding of the human society 4. To develop the knowledge of Indian culture and Society 5. inculcate the knowledge of current socio-cultural issues
B.Voc (Semester II)	First Year	Introduction To jounalism (Mc 202)	<ol style="list-style-type: none"> 1. introduce students to the basics of journalism. 2. inculcate the knowledge of elements of journalism. 3. acquaint them with important aspects of the process of Journalism. 4. develop the knowledge of skills of journalism. 5. enhance understanding of the technical terms and jargons of Journalism.
		Language skills (Mc 203)	<ol style="list-style-type: none"> 1. Improved laguage skills . 2. coroporate laguages and skill . 3. Stages of languages skills. Develop Carrier base skill.
		Advance photography and Photojournalism (MC 204)	<ol style="list-style-type: none"> 1. film ficition and non fiction photography. 2. Photograhly hardware and software with equitment specific. 3. photo and video tools. 4. Impart basic concepts and importance of Photography . Prepare photo journalist.

			<p>Encourage self employment.</p> <p>5. Encourage creative skills</p> <p>6. Develop interest in photo journalism knowledge about photography and lighting.</p>
		<p>Design and Graphics (MC 205)</p>	<p>1. Introduction to graphics design.</p> <p>2. learn Graphics and graphics related softwares.</p> <p>3. logo branding and graphics industry how it work ?</p> <p>4. How graphics and entertainment industry co related with each other and their details.</p>
		<p>Experimental Journal (MC 206)</p>	<p>1. Understand basics of news writing.</p> <p>2. To understand the theory, methods, and practice of gathering information and writing news.</p> <p>3. To understand different writing techniques.</p> <p>4. To develop the knowledge of web writing.</p> <p>5. To inculcate the knowledge of news and backgrounder.</p>
<p>B.Voc (Semester III)</p>	<p>Second Year</p>	<p>Introduction to Mass communication theory (MC 301)</p>	<p>1. impart basic concepts meaning and models of mass communication</p> <p>2. make students aware about problems and issues of the mass communication.</p> <p>3. Inculcate knowledge of communication and relations with media and society.</p> <p>4. Know the functioning of media in mass communication coverage.</p> <p>5. Understanding the India and its problems with masscommunication theory.</p>
		<p>Video editing theory (MC 302)</p>	<p>1. Impart basic concepts of Television and its development.</p>

			<ol style="list-style-type: none"> 2. Aware importance of television in media. 3. Encourage graduates for self employability. 4. Inculcate knowledge of economy of television media. 5. Knowledge of the functioning of television channel , agencies,production house etc...
		Camera Fundametal	<ol style="list-style-type: none"> 1. learn and earn throw videography. 2. To understand videography basic. 3. To understand the video structure. learn and work about vairours types of videography.
		Camera and lighting exe. (MC 304)	Practise with light and camera . (Vairous type of lights)
		Video Editing Exe (MC 302)	<ol style="list-style-type: none"> 1. Familiarize the students with the basics of editing. 2. understand the process of editing for various platforms. 3. create understanding of specialized reporting 4. inculcate the knowledge of dummy , printing and layout. 5. develop the knowledge of edit.
		Television journalisam (Mc 306)	<ol style="list-style-type: none"> 1. Understand Television journalism while practicing in the studios how to handle and use various television gadgets. 2. Students will understand new trends in television journalism. 3. introduce students techniques and skills for presentation, anchoring for television programme production. 4. Students will know the procedure and techniques of different programme formats of

			<p>television news and news based programme such as Field Report, Special Report, Election Report, Ground Report and walk and talk programme.</p> <p>5. Students will acquire skills and learn to use different softwares for editing television Programmes.</p>
B.Voc (Semester IV)	Second Year	Introduction To Digital Media (MC 401)	<p>1. Provide knowledge about the definitions and concepts of Digital media concept</p> <p>2. To know the difference between Digital media and other media</p> <p>3. understand the basic tools of digital media.</p> <p>4. impart the fundamentals of digital media and marketing career options.</p>
		Script writing (MC 402)	<p>1. Introduction to script writing.</p> <p>2. various types of scripts study.</p> <p>3. writing project scripts.</p>
		Introduction to Audio Visual Narretive (MC 403)	<p>1. provide knowledge about the definitions and concepts of Audio Visual concept</p> <p>2. To know the value of audio visual</p> <p>3. understand the basic tools of audio visual.</p> <p>4. impart the fundamentals of audio visual and career options.</p>
		Film apprication (MC 404)	<p>1. Understand the film language.</p> <p>2. Understand the making of films.</p> <p>3. Understand the vairous aspect of film.</p>
		Basic Of Visual composition (MC 405)	<p>1. Basic of Visual composition.</p> <p>2. Types and other important factor.</p> <p>3. Details study about visual language and aspect.</p>
		Digital media and	Actual use of Digital media .

		digital media Exe. (MC 406)	
B.Voc (Semester V)	Third Year	Media Research (MC 501)	<ol style="list-style-type: none"> 1. Impart the definitions and basic concepts of research, communication research, media research, social research and difference between communication research, media research and social research. 2. Understand the need, role, importance functions and ethics of research. 3. Know the elements of research. 4. Learn the types of research. 5. Impart the knowledge of basics of statistics and media metrics.
		Radio Programming (Mc 502)	<ol style="list-style-type: none"> 1. Understand radio journalism while practicing in the studios how to handle and use various radio instrument and the mixers. 2. Engage students in new trends in radio journalism 3. Introduce students to the presentation, interviewing skills for new online radio. 4. Visit radio commercial radio studios 5. Acquaint students with the real world of radio production and transmission.
		Basic Advertising (MC 503)	<ol style="list-style-type: none"> 1. Impart basic concepts of advertising and its development. 2. Aware importance of advertising in media. 3. Encourage graduates for self employability. 4. Inculcate knowledge of economy of media. 5. Knowledge of the functioning of advertising agencies
		Research seminar	<ol style="list-style-type: none"> 1. Practicle about researchstudy.(Specific sub)

		(MC 504)	Develop a presentations to how researcch paper is present in seminar.
		Audio Production (MC 505)	<ol style="list-style-type: none"> 1. Gain Knowledge of Audio production. Actual Use of Audio Production. Introduction to Audio production 2. learn vairours software audio production 3. film and audio reletions 4. How audio and enterteaiment industry co releted with each other and their details. (film project)
		Video Production (MC 506)	<ol style="list-style-type: none"> 1. Gain Knowledge of video production. Actual Use of video Production. Introduction to Audio production 2. learn vairours software audio production 3. film and video reletions 4. How video and enterteaiment industry co releted with each other and their details. (film project)
B.Voc (Semester VI)	Third Year	Public Reletion (MC 601)	<ol style="list-style-type: none"> 1. Provide knowledge about the definitions and concepts of public relations, publicity, propaganda, advertising and e-PR. 2. Know the difference between public relations and corporate communications, public relations and advertising, public relations and propaganda, public relations and publicity ,propaganda and publicity. 3. Understand the basic tools of public relations. 4. Impart the fundamentals of public relations writings. 5. learn the ethics and laws of public relations

		Current Affair	<ol style="list-style-type: none"> 1. Impart the extensive knowledge about general knowledge, general awareness and contemporary activities at local, regional, national and international level about socio – economic issues. 2. Develop the extensive knowledge about general knowledge, general awareness and contemporary activities at local, regional, national and international level about political issues. 3. To inculcate the extensive knowledge about general knowledge, general awareness and contemporary activities at local, regional, national and international level about educational and cultural issues. 4. To impart the extensive knowledge about general knowledge, general awareness and contemporary activities at local, regional, national and international level about religious and spiritual issues. 5. To develop the extensive knowledge about general knowledge, general awareness and contemporary activities at local, regional, national and international level about mediarelated issues.
		Media- Laws and ethics (MC 603)	<ol style="list-style-type: none"> 1. Shall get aware to legal aspects of the media and its values. 2. Shall have an overview of recent changes and future challenges of media regulation 3. Shall have understanding of media ethics. 4. Shall know how media laws and ethics

			empower media practitioners to perform their duties with commitment.
		Projects – Practicles	And 3 Projects – Practicles.
		(MC 604)	Vocational project 1 audio visual prod.
		(MC 605)	Vocational project 2 Mini Dissertation
		(MC 606)	Vocational project 3 <i>in Death reporting</i>