



LOKNETE DR.BALASAHEB VIKHE PATIL. (PADMA BHUSHAN AWARDEE)  
PRAVARA RURAL EDUCATION SOCIETY'S

Establishment 4 August 2004

## ARTS, COMMERCE & SCIENCE COLLEGE, ALKUTI

ID.No. PU/AN/ACS/78/2004

College code No.757

A/p.Alkuti, Tal.Parner, Dist.Ahmednagar.Pin-414305



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### Self Study Report : 2023 (1 st Cycle)



Criteria - 2

Teaching Learning and Evaluation

KEY INDICATOR : 2.6

Students Performance and Learning Outcome

**Metric: 2.6.1(QIM)**

Programme Outcomes (POs) and Course Outcomes (Cos) for all Programmes offered by the institution are stated and displayed on website

## 2.6.1 Programme Outcomes (POs) and Course Outcomes (COs)

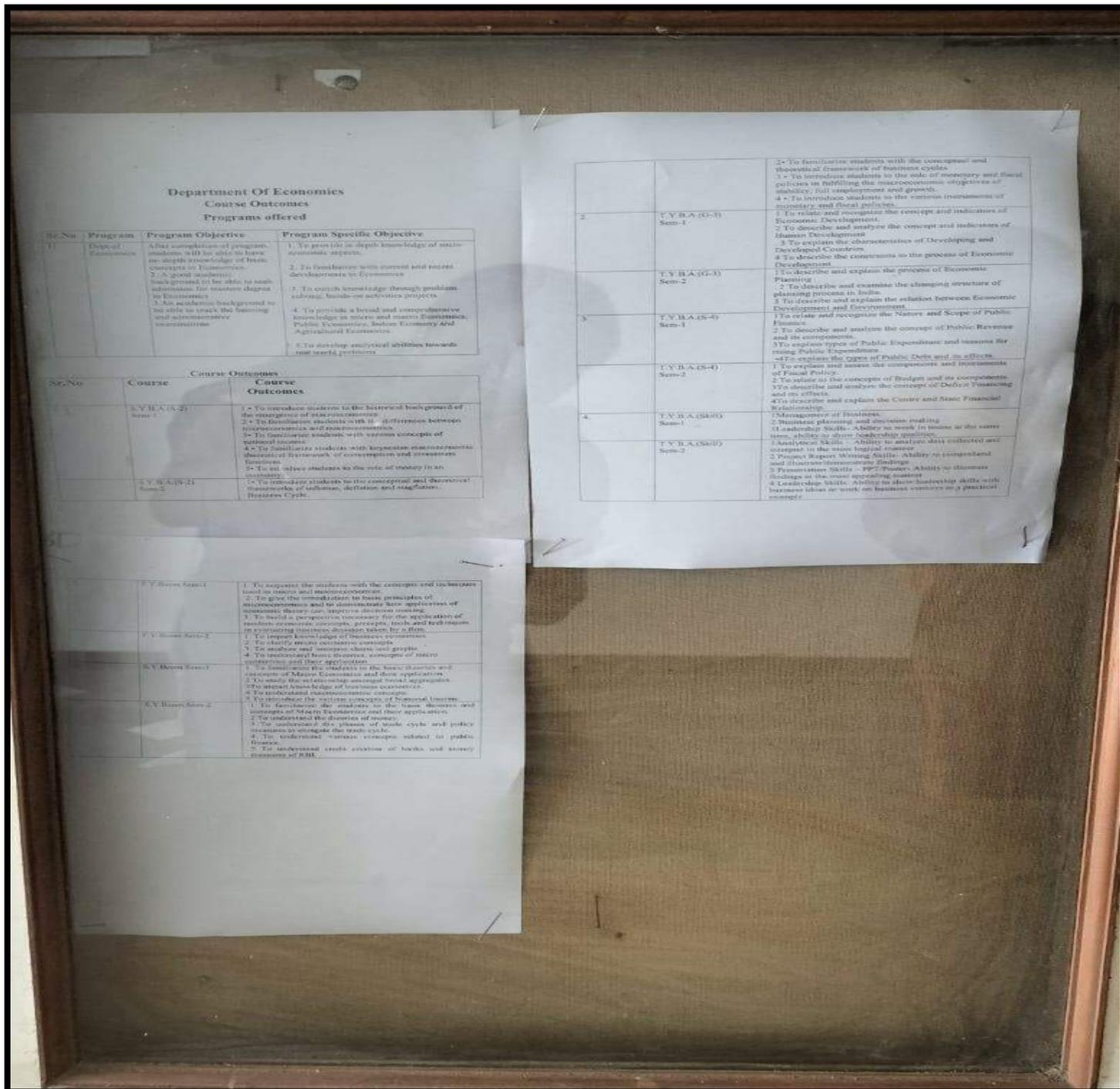
<b>Sr.No</b>	<b>Name of Subject</b>	<b>Page No.</b>
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## **2.6.1 Programme Outcomes (POs) and Course Outcomes (COs)**

**Website Link-**

**[https://www.acscollegealkuti.com/student/#POs\\_COs](https://www.acscollegealkuti.com/student/#POs_COs)**

## POs and COs displayed on college notice board



### Department Of Economics Course Outcomes Programs offered

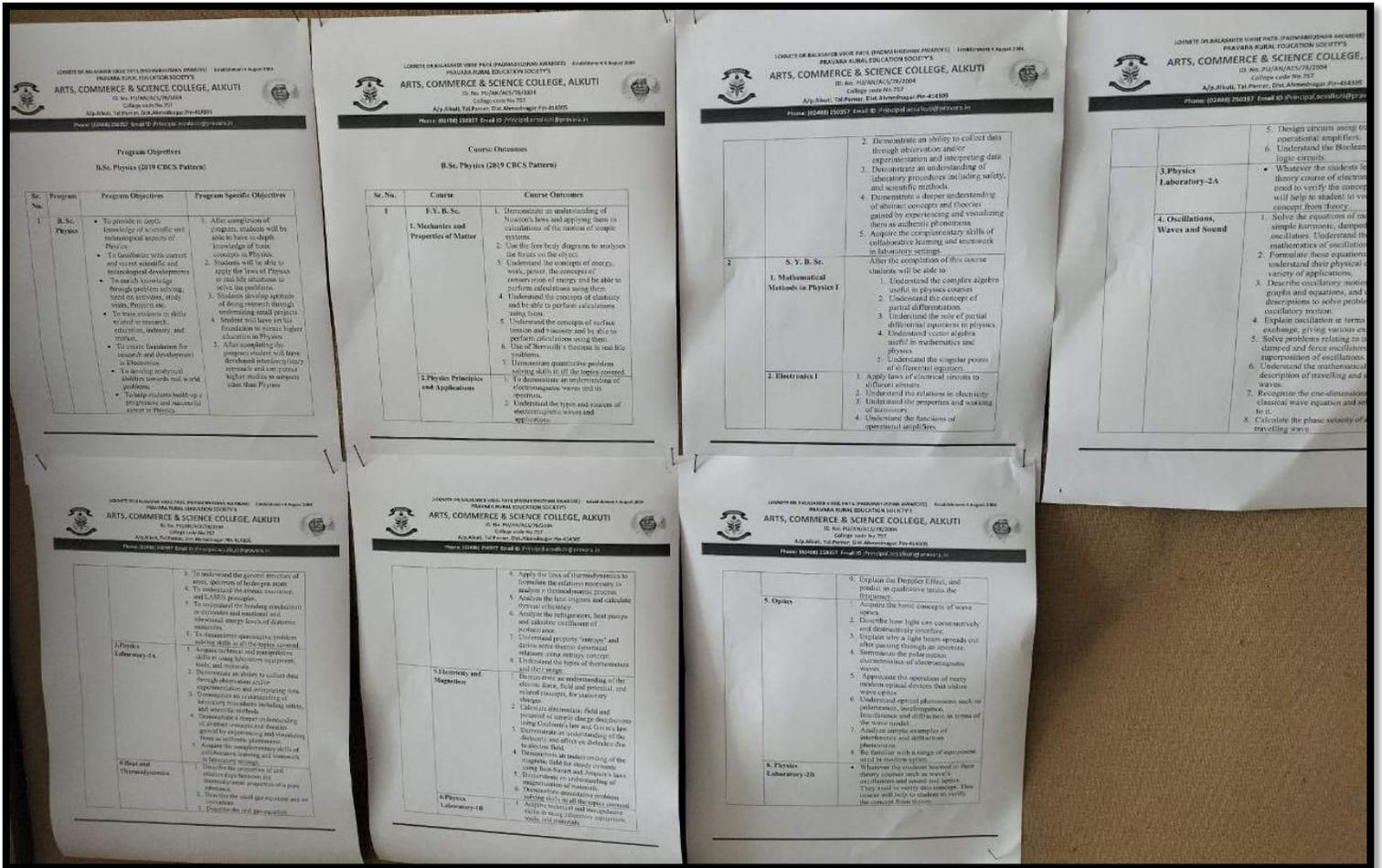
Sr. No.	Program	Program Objective	Program Specific Objective
1	Dept. of Economics	After completion of program, students will be able to have an-depth knowledge of basic concepts in Economics. 2. A good analytical background to be able to teach students. The teachers degree in Economics. 3. An academic background to be able to track the teaching and administrative committees	1. To provide in-depth knowledge of macro-economic aspects. 2. To familiarize with current and recent developments in Economics. 3. To enrich knowledge through problem solving, hands-on activities projects. 4. To provide a broad and comprehensive knowledge in micro and macro Economics, Public Economics, Indian Economy And Agricultural Economics. 5. To develop analytical abilities towards real world problems

#### Course Outcomes

Sr. No.	Course	Course Outcomes
1	E.V. BA (A-2) Sem-1	1. To introduce students to the historical background of the emergence of macroeconomics. 2. To familiarize students with the differences between microeconomics and macroeconomics. 3. To familiarize students with various concepts of national income. 4. To familiarize students with key macroeconomic indicators of Inflation, of consumption and investment, Interest. 5. To relate where students to the cycle of money in an economy. 6. To introduce students to the conceptual and theoretical frameworks of inflation, deflation and stagflation, Business Cycle.
2	E.V. BA (A-2) Sem-2	1. To acquaint the students with the concepts and implications based on money and macroeconomics. 2. To give the introduction to basic principles of macroeconomics and to demonstrate their applications of national identity can experience decision making. 3. To build a perspective necessary for the application of modern economic concepts, concepts, tools and techniques in analyzing economic changes, take in a firm. 4. To impart knowledge of business systems. 5. To study and interpret charts and graphs. 6. To understand basic theories, concepts of macro economics and their application. 7. To familiarize the students to the basic theories and concepts of Money Economics and their application. 8. To study the relationship amongst basic aggregates. 9. To impart knowledge of business systems. 10. To understand macroeconomic concepts.
3	E.V. BA (A-2) Sem-1	1. To introduce the various concepts of National Income. 2. To familiarize the students to the basic theories and concepts of Money Economics and their application. 3. To understand the phases of trade cycle and policy measures to mitigate the trade cycle. 4. To understand various concepts related to public finance. 5. To understand credit creation of banks and money creation of RBI.
4	E.V. BA (A-2) Sem-2	1. To acquaint the students with the concepts and implications based on money and macroeconomics. 2. To give the introduction to basic principles of macroeconomics and to demonstrate their applications of national identity can experience decision making. 3. To build a perspective necessary for the application of modern economic concepts, concepts, tools and techniques in analyzing economic changes, take in a firm. 4. To impart knowledge of business systems. 5. To study and interpret charts and graphs. 6. To understand basic theories, concepts of macro economics and their application. 7. To familiarize the students to the basic theories and concepts of Money Economics and their application. 8. To study the relationship amongst basic aggregates. 9. To impart knowledge of business systems. 10. To understand macroeconomic concepts.

2	E.V. BA (G-3) Sem-1	2. To familiarize students with the conceptual and theoretical framework of business cycles. 3. To introduce students to the role of monetary and fiscal policies in fulfilling the macroeconomic objectives of stability, full employment and growth. 4. To introduce students to the various instruments of monetary and fiscal policies. 1. To relate and recognize the concept and indicators of Economic Development. 2. To describe and analyze the concept and indicators of Economic Development. 3. To explain the characteristics of Developing and Developed Countries. 4. To describe the constraints to the process of Economic Development.
	E.V. BA (G-3) Sem-2	1. To describe and explain the process of Economic Planning. 2. To describe and explain the changing structure of planning process in India. 3. To describe and explain the relation between Economic Development and Investment.
3	E.V. BA (A-4) Sem-1	1. To relate and recognize the Nature and Scope of Public Finance. 2. To describe and analyze the concept of Public Revenue and its components. 3. To explain types of Public Expenditure and reasons for rising Public Expenditure. 4. To explain the concept of Public Debt and its effects.
	E.V. BA (A-4) Sem-2	1. To explain and assess the components and instruments of Fiscal Policy. 2. To relate to the concept of Budget and its components. 3. To describe and analyze the concept of Deficit Financing and its effects. 4. To describe and explain the Centre and State Financial Relationship.
4	E.V. BA (A-4) Sem-1	1. To explain and assess the components and instruments of Fiscal Policy. 2. To relate to the concept of Budget and its components. 3. To describe and analyze the concept of Deficit Financing and its effects. 4. To describe and explain the Centre and State Financial Relationship.
	E.V. BA (A-4) Sem-2	1. To explain and assess the components and instruments of Fiscal Policy. 2. To relate to the concept of Budget and its components. 3. To describe and analyze the concept of Deficit Financing and its effects. 4. To describe and explain the Centre and State Financial Relationship.

# POs and COs displayed on college notice board





## Department of English

(A11) Programs offered: B.A. English (Credit Pattern)

Sr. No.	Program	Program Objective	Program Specific Objectives
01	B.A. English	<ol style="list-style-type: none"><li>1. Students are familiarized with different types of literature in English, the literary devices and terms and they understand the literary merit, beauty and creative use of language.</li><li>2. Students are familiarized with the basic units of language to become aware of the technical aspects and their practical usage.</li><li>3. Students are prepared for a detailed study and understanding of literature and language.</li><li>4. Development of an integrated view about language and</li></ol>	<ol style="list-style-type: none"><li>1. Students are familiarized with excellent pieces of prose and poetry in English to realize the beauty and communicative power of English.</li><li>2. Students are exposed to native cultural experiences and situations and develop humane values and social awareness.</li><li>3. Development of overall linguistic competence and communicative skills of the students.</li><li>4. Students are exposed to the basics of literature and language.</li></ol>

## Department of English

(Programs offered: B.A. English (Credit Pattern))

Sr. No.	Course	Course Outcome
01	FYBA Compulsory English I (11011)	<ul style="list-style-type: none"><li>a) To expose students to the best examples of prose and poetry in English so that they realize the beauty and communicative power of English</li><li>b) To instill human values and develop the character of students as responsible citizens of the world</li><li>c) To develop the ability to appreciate ideas and think critically</li><li>d) To enhance employability of the students by developing their linguistic competence and communicative skills</li><li>e) To revise and reinforce structures already learnt in the previous stages of learning.</li></ul>

**Department of English**

**(Programs offered: B.Com. English (Credit Pattern))**

Sr. No.	Course	Course Outcome
01	FYB.COM Compulsory English I (111)	a) To expose students to the best examples of prose and poetry in English so that they realize the beauty and communicative power of English b) To instill human values and develop the character of students as responsible citizens of the world c) To develop the ability to appreciate ideas and think critically d) d) To enhance employability of the students by developing their linguistic competence and communicative skills e) e) To revise and reinforce structures already learnt in the previous stages of learning.
02	FYB.COM Compulsory English II (121)	a) To realize the beauty and communicative power of English. b) Students are exposed to native cultural experiences and situations and develop humane values and social awareness. c) Development of overall linguistic competence and communicative skills of the students. d) Students are exposed to the basics of literate e) Students are familiarized with excellent pieces of prose and poetry in English

## Courses offered

### Courses offered SYBA CBCS Pattern

Sr. No.	Course	Course Outcome
01	SYBA Compulsory English III	<ol style="list-style-type: none"> <li>1. To expose students to the best examples of literature in English and contribute to their emotional Quotient as well as independent thinking.</li> <li>2. b) To instill universal human values through best pieces of literature in English</li> <li>3. To develop effective communication skills by developing ability to use right words in the right context.</li> <li>4. To develop effective communication skills by developing ability to use right words in the right context</li> <li>5. To enhance employability of the students by developing their basic soft skill.</li> <li>6. To revise and reinforce the learning of some important areas of grammar for better linguistic competence.</li> </ol>
02	SYBA English G-2	<ol style="list-style-type: none"> <li>a) To familiarize students with the various components of language.</li> <li>b) To develop overall linguistic competence of the students.</li> <li>c) To introduce students to some advanced areas of language study.</li> <li>d) To prepare students to go for detailed study and understanding of language.</li> <li>e) To enhance communicative skills of students by developing insight into the working of language</li> </ol>
03	SYBA English S-1	<ol style="list-style-type: none"> <li>1. To introduce Drama as a major form of literature</li> <li>2. To introduce minor forms of Drama</li> <li>3. To acquaint and enlighten students regarding the literary and the performing dimensions of drama</li> <li>4. To acquaint and familiarize the students with the elements and the types of Drama</li> <li>5. To encourage students to make a detailed study of a few sample masterpieces of English Drama from different parts of the world</li> <li>6. To develop interest among the students to appreciate and analyze drama independently</li> <li>7. To enhance students' awareness regarding aesthetics of Drama and to empower them to evaluate drama independently</li> </ol>
04	SYBA English S-2	<ol style="list-style-type: none"> <li>1. To acquaint students with the terminology in poetry criticism (i.e. the terms used in appreciation and critical analysis of poems)</li> <li>2. To encourage students to make a detailed study of a few sample masterpieces of English poetry</li> <li>3. To enhance students awareness in the aesthetics of poetry and to empower them to read, appreciate and critically evaluate poetry independently</li> </ol>
05	SYBA Skill Enhancement	<ol style="list-style-type: none"> <li>1. Enhancing the skill of using English for everyday communication</li> <li>2. To acquaint the students with the verbal and nonverbal communication</li> <li>3. To create opportunities to access exposure of speaking in various contexts</li> <li>4. To acquaint and familiarize the students with soft skills</li> <li>5. To develop interest among the students to interact in English</li> </ol>

## Courses offered TYBA CBCS Pattern

Sr. No.	Course	Course Outcome
01	TYBA Compulsory English	1. To introduce students to the best uses of language in literature. 2. To familiarize students with the communicative power of English 3. To enable students to become competent users of English in real life situations 4. To expose students to varied cultural experiences through literature 5. To contribute to their overall personality development by improving their communicative and soft skills
02	TYBA General English (G-3)	a) To expose students to some of the best samples of Indian English Poetry b) To make the students see how Indian English poetry expresses the ethos and culture of India c) To make them understand creative uses of language in Indian English Poetry d) To introduce students to some advanced areas of language study d) To prepare students to go for detailed study and understanding of literature and language e) To develop integrated view about language and literature among the students
03	TYBA Special English (S-3)	a) To introduce students to the basics of novel as a literary form b) To expose students to the historical development and nature of novel c) To make students aware of different types and aspects of novel d) To develop literary sensibility and sense of cultural diversity in students e) To expose students to some of the best examples of novel
04	TYBA Special English-4	a) To introduce students to the basics of literary criticism b) To make them aware of the nature and historical development of criticism c) To make them familiar with the significant critical approaches and terms d) To encourage students to interpret literary works in the light of the critical approaches e) To develop aptitude for critical analysis



## Department Of Marathi- UG Program Objectives/ Outcomes

Sr. No.	Program	Programme Objective	Programme Specific Outcome
1.	B.A.,B.Com,B.sc मराठी विषयाचा पुनर्रचित अभ्यासक्रम जून 2019,2020 पासून-	१. मराठी भाषा, मराठी साहित्य आणि मराठी संस्कृती यांचे अध्ययन करणे. २. साहित्यविषयकक आकलन, आस्वाद आणि मूल्यमापनक्षमता विकसित करणे. ३. मराठी भाषेची उपयोजनात्मक कौशल्ये विकसित करणे. ४. मराठी साहित्यातील भिन्नभिन्न प्रवाह आणि प्रकार लक्षात घेणे ५. व्यक्तिमत्व विकासात भाषेचे महत्त्व स्पष्ट करणे. ६. साहित्य अभ्यासातून जीवनविषयक समज विकसित करणे. ७. विद्यार्थ्यांची सर्जनशक्ती विकसित करणे. ८. सोशल मीडिया व रोजगाराच्या संधी , मराठी भाषा याविषयी जागृती करणे.	1. विद्यार्थ्यांची सर्जनशक्ती विकसित करणे. 2. विद्यार्थ्यांमध्ये मराठी भाषेचा प्रचार व प्रसार करणे. 3. विद्यार्थ्यांना भाषेचे महत्त्व पटवून देणे. 4. सोशल मीडिया मध्ये रोजगाराच्या संधी व मराठी भाषा याविषयी जागृती करणे.

Sr. No.	Course	Course Outcome
1.	एफ. वाय .बी.ए – sem.I मराठी विषयाचा पुनर्रचित अभ्यासक्रम जून 2019 पासून- मराठी साहित्य कथा आणि भाषिक कौशल्य [ cc -1A ]	1) कथा या साहित्यप्रकाराची ओळख करून देणे. २) कथा या साहित्य प्रकाराचे स्वरूप, घटक आणि प्रकार याची ओळख करून देणे. 3) विविध साहित्यप्रवाह यांमधील कथा या साहित्य प्रकारातील निवडक कथांचे अध्ययन करणे. ४) भाषिक कौशल्य विकास करणे.
	sem.II विषयाचे नाव- मराठी साहित्य : एकाकिका आणि भाषिक कौशल्यविकास [CC-1 A]	१. एकाकिका या साहित्यप्रकाराची ओळख करून देणे. २. एकाकिका या साहित्यप्रकाराचे स्वरूप, घटक आणि प्रकार याची ओळख करून देणे. ३. मराठी साहित्यातील निवडक एकाकिकाचे अध्ययन करणे. ४. भाषिक कौशल्यविकास करणे. एकाकिका या साहित्यप्रकाराची ओळख करून देणे.

02	<p><b>एस. वाय. बी. ए (G2)</b> sem. I</p> <p><b>विषय -भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्य : कादंबरी [ CC -1 C (3) ]</b></p>	<p>१) कादंबरी या साहित्य प्रकाराचे स्वरूप, घटक ,प्रकार आणि वाटचाल समजून घेणे. २) नेमलेल्या कादंबरीचे अकलन आस्वाद आणि विश्लेषण करणे. ३) भाषिक कौशल्य विकास करणे. ४) कादंबरी' या साहित्य प्रकाराचे स्वरूप घटक प्रकार आणि वाटचाल याची ओळख करणे.</p>
	<p><b>sem. II</b></p> <p><b>विषय -भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्य प्रकार : ललितगद्य [ CC -1D (3) ]</b></p>	<p>१) ललित गद्य या साहित्य प्रकाराचे स्वरूप घटक प्रकार आणि वाटचाल समजून घेणे २) नेमलेल्या अभ्यास पुस्तकातील ललित गद्याचे आकलन आस्वाद आणि विश्लेषण करणे ३) भाषिक कौशल्य विकास करणे</p>
03	<p><b>एस. वाय. बी. ए (S1)</b> sem. I</p> <p><b>विषयाचे नाव :-आधुनिक मराठी :प्रकाशवाटा [ D S C1 A ( 3 ) ]</b></p>	<p>१) आत्मचरित्र या साहित्य प्रकाराचे स्वरूप ,संकल्पना समजून घेणे. २)आत्मचरित्र या साहित्यप्रकाराचा प्रेरणा आणि वाटचाल यांची ओळख करून देणे ३ ) ललित गद्यातील अन्य साहित्य प्रकारांच्या तुलनेत आत्मचरित्राचे वेगळेपण समजावून घेणे. ४)नेमलेल्या या आत्मचरित्राची आकलन, आस्वाद आणि विश्लेषण करणे.</p>
	<p><b>sem. II</b></p> <p><b>विषय -मध्ययुगीन मराठी साहित्य : निवडक मध्ययुगीन गद्य पद्य [ DSE 2 A (3) ]</b></p>	<p>१) मध्ययुगीन गद्य पद्य साहित्य प्रकारांची ओळख करून घेणे . २) नेमलेल्या अभ्यास पुस्तकातील मध्ययुगीन गद्य पद्य याचे आकलन , आस्वाद आणि विश्लेषण करणे .</p>
04	<p><b>एस. वाय. बी. ए (SKILL)</b> sem. I</p> <p><b>विषयाचे नाव :- प्रकाशनव्यवहार आणि संपादन कौशल्य [ SEC 2 A (2) ]</b></p>	<p>१. प्रकाशनव्यवहार आणि संपादन यासाठी आवश्यक कौशल्ये मिळविणे. २. प्रकाशनव्यवहार आणि संपादन यासाठी आवश्यक प्रशिक्षण घेणे. ३. प्रकाशनव्यवहार आणि संपादन यासाठी प्रात्यक्षिकासह उपयोजनाची कौशल्ये मिळविणे. ४. प्रकाशन संस्था, जाहिरात संस्था, छापखाने, वृत्तपत्र कार्यालये, वितरण संस्था, ग्रंथ विक्री दुकाने, फ्लेक्स निर्माती केंद्र, वार्ताहार यांना भेटी देऊन प्रशिक्षण घेणे.</p>
	<p><b>sem. II</b></p> <p><b>उपयोजित लेखनकौशल्ये [SEC 2 B (2)]</b></p>	<p>१. जाहिरात, मुलाखतलेखन आणि संपादन यासाठी आवश्यक कौशल्ये मिळविणे. २. जाहिरात, मुलाखतलेखन आणि संपादन यासाठी आवश्यक प्रशिक्षण घेणे. ३. जाहिरात, मुलाखतलेखन आणि संपादन यासाठी प्रात्यक्षिकासह उपयोजनाची कौशल्ये मिळविणे.</p>
	<p><b>टी.वाय.बी.ए-G3</b> sem. I</p> <p><b>पुनर्रचित अभ्यासक्रम जून 2021 पासून- भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : प्रवासवर्णन [CC – 1 E (3)]</b></p>	<p>१ मुद्रीत माध्यमांसाठी लेखनकौशल्ये आत्मसात करणे. २ प्रवासवर्णन या साहित्यप्रकाराचे स्वरूप, प्रेरणा, प्रायोजने,आणि वाटचाल समजून घेणे. ३ नेमलेल्या प्रवासवर्णनाचे आकलन,आस्वाद आणि विश्लेषण करणे</p>

05	<p style="text-align: center;"><b>sem. II</b></p> <p><b>भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार: कविता [CC – 1 F (3)]</b></p>	<p>१. मराठी साहित्य, भाषीक कौशल्ये विकास आणि शासनव्यवहार यांचीमाहिती घेणे.</p> <p>२. कविता साहित्य प्रकाराचेप्रेरणा, स्वरूप, प्रेरणा, प्रायोजने,आणि वाटचाल समजून घेणे.</p> <p>३. नेमलेल्या अभ्यासपुस्तकातील निवडक कविताांचे आकलन, आस्वाद आणि विश्लेषण करणे.</p> <p>४. कविता या साहित्य प्रकारातील विविध आविष्टकार, भाषा रूपाची अभ्यासपुस्तकातील कविताांच्या आधारे ओळख करून घेणे.</p>
06	<p style="text-align: center;"><b>टी.वाय.बी.ए-S3</b></p> <p style="text-align: center;"><b>Sem.I</b></p> <p><b>पुनर्रचित अभ्यासक्रम जून 2021 पासून-विषय -मध्ययुगीन मराठी वाङ्मयाचा स्थूल इवतिस : प्रारंभ ते इ.स. १६०० [DSE 1 C (3+1)]</b></p>	<p>१ वाङ्मय इतिहास संकल्पना, स्वरूप, प्रेरणा, प्रवृती समजून घेणे.</p> <p>२ मध्ययुगीन कालखांडाची सामाजिक, साांस्कृतीक पाश्चरभूमी समजून घेणे.</p> <p>३ मराठी भाषा, साहीत्याची कालखांडानुरूप इतिहास समजून घेणे.</p>
	<p style="text-align: center;"><b>sem. II</b></p> <p><b>विषय -मध्ययुगीन मराठी वाङ्मयाचा स्थूल इवतिस - इ.स. १६०० ते इ.स. १८१७ [DSE1 D (3+1)]</b></p>	<p>१.वाङ्मय इतिहास संकल्पना, स्वरूप, प्रेरणा, प्रवृती समजून घेणे.</p> <p>२ मध्ययुगीन कालखांडाची सामाजिक, साांस्कृतीक पाश्चरभूमी समजून घेणे.</p> <p>३ मराठी भाषा, साहीत्याची कालखांडानुरूप इतिहास समजून घेणे.</p>
7	<p style="text-align: center;"><b>FYBCOM SEM-1</b></p> <p><b>भाषा, साहित्य आणि कौशल्यविकास [११७]</b></p>	<p>१. विविध क्षेत्रातील भाषा व्यवहाराचे स्वरूप व गरज समजावून देणे.</p> <p>२. या व्यवहार क्षेत्रातील मराठी भाषेचे स्थान स्पष्ट करणे व त्यातील मराठीच्या प्रत्यक्ष वापराचा अभ्यास करणे.</p> <p>३. विविध क्षेत्रीय मराठी भाषेच्या वापराची कौशल्ये विकसित करणे.</p> <p>४. विविध लेखनप्रकारांचा अभ्यास व प्रत्यक्ष लेखनाची कौशल्ये वापरण्यास सक्षम करणे.</p> <p>५. विविध क्षेत्रातील कर्तृत्ववान व्यक्तींच्या कार्याची व विचारांची ओळख करून देणे.</p> <p>६. विद्यार्थ्यांमध्ये नैतिक, व्यावसायिक व वैचारिक मूल्यांची जोपासना करणे.</p>
	<p style="text-align: center;"><b>FYBCOM SEM-2</b></p> <p><b>भाषा आणि कौशल्यविकास [१२७]</b></p>	<p>१.विविध लेखनप्रकारांचा अभ्यास व प्रत्यक्ष लेखनाची कौशल्ये वापरण्यास सक्षम करणे.</p> <p>२.विद्यार्थ्यांमध्ये नैतिक, व्यावसायिक व वैचारिक मूल्यांची जोपासना करणे.</p> <p>३.विविध क्षेत्रीय मराठी भाषेच्या वापराची कौशल्ये विकसित करणे.</p>

8	S. Y. B. Sc. (द्वितीय वर्ष विज्ञान) SEM-1 उपयोजित मराठी (AECC - 2 A)	१ मराठी भाषा, साहित्य आणि यांच्या परस्परसंबंधाची जाणीव करून देणे. २ मराठी भाषेचा परिभाषासापेक्ष आणि शैलीसापेक्ष विकास विद्यार्थ्यांच्या लक्षात आणून देणे. ३ मराठी भाषेची उपयोजनात्मक कौशल्ये विकसित करणे.
	S. Y. B. Sc. (द्वितीय वर्ष विज्ञान) SEM-2 मराठी साहित्य (AECC - 2 B)	१. साहित्यविषयक अभिरूची विकसित करणे.. २. मराठी भाषा, साहित्य आणि यांच्या परस्परसंबंधाची जाणीव करून देणे. ३. साहित्यविषयक अभ्यासातून जीवनविषयक समज विकसित करणे. ४. विज्ञानसाहित्यविषयक आकलनक्षमता वाढविणे.
9	द्वितीय वर्ष कला (S. Y. B. A.) SEM-1 साहित्यविचार [DSE 1 B (3)]	१. भारतीय आणि साहित्यविचाराच्या आधारे साहित्याची संकल्पना, स्वरूप आणि प्रयोजनविचार समजावून घेणे. २. साहित्याची निर्मितिप्रक्रिया समजावून घेणे. ३. साहित्याची भाषा आणि शैली विषयक विचार समजावून घेणे.
	द्वितीय वर्ष कला (S. Y. B. A.) SEM-1 साहित्य समीक्षा [DSE 2 B(3)]	१. साहित्य समीक्षेची संकल्पना, स्वरूप यांचा परिचय करून घेणे. २. साहित्य आणि समीक्षा यांचे परस्पर संबंध समजावून घेणे व अभ्यासणे . ३. साहित्यप्रकारानुसार समीक्षेचे स्वरूप समजावून घेणे व अभ्यासणे . ४. ग्रंथ परिचय, परीक्षण व समीक्षण यातील फरक समजावून घेणे.
10	द्वितीय वर्ष कला (S. Y. B. A.) SEM-1 मराठी भाषिक संज्ञापनकौशल्ये [MIL 2 (2)]	१. प्रगत भाषिक कौशल्यांची क्षमता विकसित करणे. २. प्रसारमाध्यमांतील संज्ञापनातील स्वरूप आणि स्थान स्पष्ट करणे. ३. व्यक्तिमत्त्व विकास आणि भाषा यांच्यातील सहसंबंध स्पष्ट करणे. ४. लोकशाहीतील जीवनव्यवहार आणि प्रसारमाध्यमे यांचे परस्पर संबंध स्पष्ट करणे. ५. प्रसारमाध्यमांसाठी लेखनक्षमता विकसित करणे.
11	तृतीय वर्ष कला (T. Y. B. A.) SEM-1 वर्णनात्मक भाषाविज्ञान : भाग १ [DSE 2 C (3)+1]	१ भाषा स्वरूप, वैशिष्ट्ये व कार्ये समजावून घेणे. २. भाषा अभ्यासाची आवश्यकता स्पष्ट करणे. ३ भाषा अभ्यासाच्या शाखा आणि विविध पद्धतींचा थोडक्यात परिचय करून घेणे. ४ वागिन्द्रियाची रचना, कार्य आणि स्वनिर्मितीची प्रक्रिया समजावून घेणे. ५ स्वनिमविज्ञान, स्वनिमविचार आणि मराठीची स्वनिमव्यवस्था समजावून घेणे.

	<p>तृतीय वर्ष कला (T. Y. B. A.) SEM-2 वर्णनात्मक भाषाविज्ञान : भाग २ - ४ [DSE 2 D (3)+1]</p>	<p>१. रूपविन्यास आणि मराठीची रूपव्यवस्था समजावून घेणे २. वाक्यविन्यास आणि वाक्यव्यवस्थेचा मराठी भाषेच्यासंदर्भात परिचय करून देणे ३. अर्थविन्यास या संकल्पनेचा भाषावैज्ञानिक अंगाने परिचय करून देणे.</p>
12	<p>तृतीय वर्ष कला (T. Y. B. A.)SEM- 1(SKILL) कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग -१ [ SEC 2 C (2) ]</p>	<p>१ कार्यक्रमानेचे स्वरूप आणि प्रकार समजून घेणे. २ कार्यक्रम संयोजनातील भाषिक कौशल्ये प्राप्त करणे.</p>
	<p>तृतीय वर्ष कला (T. Y. B. A.) SEM-2(SKILL) कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग २ [ SEC 2D (2) ]</p>	<p>१ कार्यक्रम संयोजनातील लेखन कौशल्ये संपादन करणे. २ कार्यक्रम संयोजनातील भाषिक कौशल्ये प्राप्त करणे. ३ आभासी कार्यक्रमांचे भाषिक कौशल्ये संयोजन करणे.</p>

Arts, Commerce



## ARTS, COMMERCE & SCIENCE COLLEGE, ALKUTI

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### Department Of Hindi

#### Course Outcomes

Sr.No	Program	Program Objective	Program Specific Objective
१	B.A (Hindi)	1. अनुवाद कौशल्य विकसित करना । 2. लघु कथा सर्जन कौशल्य विकसित करना । 3. हिंदी कंप्यूटिंग का परिचय देना ।	1. छात्रों की सर्जनात्मक शक्ति का विकास करना । 2. छात्रों में राष्ट्रभाषा हिन्दी का प्रचार-प्रसार करना । 3. छात्रों को मानक लिपि एवं भाषा का महत्व स्पष्ट करना 4. पत्रकारिता के क्षेत्र में रोजगार वृत्ति को बढ़ावा देना । 5 अनुवाद कौशल्य विकसित करना । 6. हिंदी कंप्यूटिंग का परिचय देना । 7. लघु कथा सर्जन कौशल्य विकसित करना । 8. हिंदी काव्य गीत सृजन कौशल विकसित करना ।

## Course Outcomes

Sr. No	Course	Course Outcomes
1.	F.Y.B.A. Sem-1	<ol style="list-style-type: none"> <li>1. छात्रों को हिंदी काव्य साहित्य का परिचय देना ।</li> <li>2. हिंदी कहानी साहित्य से अवगत कराना।</li> <li>3. हिंदी भाषा द्वारा संवाद कौशल विकसित करना।</li> <li>4. मौलिक लेखन की ओर रुझान बढ़ाना।</li> <li>5. विज्ञापन लेखन कौशल विकसित करना ।</li> <li>6. अनुवाद संबंधी जानकारी देना ।</li> <li>7. हिंदी कंप्यूटिंग का परिचय देना</li> </ol>
	F.Y.B.A. Sem-2	<ol style="list-style-type: none"> <li>1. छात्रों को हिंदी काव्य साहित्य का परिचय देना ।</li> <li>2. हिंदी कहानी साहित्य से अवगत कराना।</li> <li>3. निबंध लेखन कौशल को विकसित करना।</li> <li>4. छात्रों को विज्ञापन लेखन से अवगत करना</li> </ol>
2.	F.Y.Bcom. Sem-1	<ol style="list-style-type: none"> <li>1. छात्रों को हिंदी काव्य साहित्य का परिचय देना ।</li> <li>2. हिंदी कहानी साहित्य से अवगत कराना ।</li> <li>3. हिंदी भाषा द्वारा संवाद कौशल विकसित करना।</li> <li>4. मौलिक लेखन की ओर रुझान बढ़ाना।</li> <li>5. विज्ञापन लेखन कौशल विकसित करना ।</li> <li>6. हिंदी कंप्यूटिंग का परिचय देना</li> </ol>
	F.Y.Bcom. Sem-2	<ol style="list-style-type: none"> <li>1. हिंदी कहानी साहित्य से अवगत कराना ।</li> <li>2. हिंदी भाषा द्वारा संवाद कौशल विकसित करना 4. विज्ञापन लेखन के प्रकारों को अवगत करना ।</li> <li>3. अनुवाद का स्वरूप से अवगत करना। 6. पारिभाषिक शब्दावली से अवगत कराना ।</li> </ol>
3.	S.Y.B.A.(G-2) Sem-1	<ol style="list-style-type: none"> <li>1. छात्रों को काव्य साहित्य से परिचित कराना।</li> <li>2. छात्रों को कहानी साहित्य से परिचित कराना। 3. छात्रों को हिंदी कारक व्यवस्था समझाना ।</li> <li>4. शब्द युग्म का अर्थ लिखकर प्रत्यक्ष वाक्य में प्रयोग समझाना ।</li> <li>5. संक्षेपण लेखन का प्रत्यक्ष बोध कराना।</li> <li>6. सर्जनात्मकता का विकास कराना।</li> </ol>
	S.Y.B.A.(G-2) Sem-2	<ol style="list-style-type: none"> <li>1. छात्रों को व्यंग्य पाठ से परिचित कराना।</li> <li>2. छात्रों को कहानी व्यंग्य पाठ का बोध कराना।</li> <li>3. साक्षात्कार कला से अवगत कराना।</li> <li>4. भाषा का मोबाइल तंत्र समझाना ।</li> <li>5. पल्लवन कला से अवगत करना ।</li> </ol>
4.	S.Y.B.A.(S-1) Sem-1	<ol style="list-style-type: none"> <li>1. भारतीय काव्यशास्त्र का परिचय देना।</li> <li>2. काव्य परिभाषा, तत्व आदि अवगत कराना।</li> <li>3. काव्य के तत्व शब्द-शक्तियों का परिचय देना।</li> <li>4. रस का स्वरूप समझाना।</li> <li>5. भारतीय काव्यशास्त्र में रुचि पैदा करना तथा आलोचनात्मक दृष्टि को विकसित कराना।</li> </ol>
	S.Y.B.A.(S-1)Sem-2	<ol style="list-style-type: none"> <li>1. छात्रों को साहित्य के भेद से अवगत कराना।</li> <li>2. छात्रों को पद्य भेद से अवगत कराना।</li> <li>3. महाकाव्य, खंडकाव्य और मुक्तक काव्य का परिचय कराना ।</li> </ol>

		<p>4. नाटक का स्वरूप समझाना।</p> <p>5. छात्रों में नाट्य अभिनय की रुचि विकसित करना।</p>
5.	S.Y.B.A.(S-2) Sem-1	<p>1. कबीर के साहित्य का परिचय देना ।</p> <p>2. मीराबाई के काव्य से अवगत कराना।</p> <p>3. भारतीय उपन्यास की अवधारणा समझाना।</p> <p>4. उपन्यास कृति का मूल्यांकन कला विकसित करना।</p> <p>5. साहित्य कृतियों प्रस्तुत जीवनमूल्यों को आत्मविस्तृत करना</p>
	S.Y.B.A.(S-2) Sem-2	<p>1. रहीम के काव्य का बोध कराना।</p> <p>2. बिहारी की काव्य अभिव्यंजना समझाना।</p> <p>3. हिंदी नाटक और रंगमंच से अवगत कराना।</p> <p>4. छात्रों में अभिनय गुण विकसित कराना ।</p> <p>5. नाट्यालोचना से अवगत करना।</p>
6.	S.Y.B.A.(MIL) Sem-1	<p>1. छात्रों में राष्ट्रभाषा हिन्दी का प्रचार-प्रसार करना ।</p> <p>2. छात्रों को मानक लिपि एवं भाषा का महत्व स्पष्ट करना ।</p>
	S.Y.B.A.(MIL) Sem-2	<p>1. छात्रों में राष्ट्रभाषा हिन्दी का प्रचार-प्रसार करना ।</p> <p>2. छात्रों को मानक लिपि एवं भाषा का महत्व स्पष्ट करना</p>
7.	S.Y.B.A.(Skill) Sem-1	<p>1. अनुवाद कौशल से छात्रों को अवगत कराना ।</p> <p>2. अनुवाद का स्वरूप समझाना।</p> <p>3. अनुवाद क्षेत्र से परिचय कराना।</p> <p>4. हिंदी से मराठी में प्रत्यक्ष अनुवाद कार्य कराना।</p> <p>5. अंग्रेजी से हिंदी, मराठी में अनुवाद कौशल का विकास कराना</p>
	S.Y.B.A.(Skill) Sem-2	<p>1. छात्रों को माध्यम लेखन से परिचित कराना।</p> <p>2. सृजनात्मक लेखन कौशल विकसित कराना।</p> <p>3. माध्यम लेखन से अवगत कराना।</p> <p>4. श्रव्य दृश्य माध्यमों की भाषा से अवगत कराना।</p>
8.	T.Y.B.A.(G-3) Sem-1	<p>1. छात्रों को संस्मरण साहित्य से अवगत करना ।</p> <p>2. छात्रों को रेखाचित्र साहित्य से अवगत करना।</p> <p>3. छात्रों को मूल्यांकन की दृष्टि का विकास करना।</p> <p>4. सभा - इतिवृत्त लेखन कौशल वृद्धि का विकास करना 5. वार्ता - लेखन कौशल दृष्टि निर्माण करना।</p>
	T.Y.B.A.(G-3) Sem-2	<p>1. छात्रों को गजल साहित्य से अवगत करना।</p> <p>2. छात्रों को गजलकार के व्यक्तित्व से अवगत करना।</p> <p>3. छात्रों में मूल्यांकन की दृष्टि का विकास करना।</p> <p>4. छात्रों को सरकारी पत्र लेखन से अवगत करना।</p>
9.	T.Y.B.A.(S-3) Sem-1	<p>1. हिंदी साहित्येतिहास लेखन का परिचय देना ।</p> <p>2. हिंदी साहित्येतिहास के कालविभाजन तथा नामकरण का परिचय देना ।</p> <p>3. आदिकालीन, भक्तिकालीन, रीतिकालीन प्रमुख साहित्यिक प्रवृत्तियों, रचनाकारों और रचनाओं से परिचित कराना।</p>
	T.Y.B.A.(S-3) Sem-2	<p>1. आधुनिक काल की पृष्ठभूमि से छात्रों अवगत कराना ।</p> <p>2. भारतेंदु युगीन, द्विवेदी युग के काव्य की विशेषताओं से छात्रों को अवगत कराना।</p> <p>3. आधुनिक काल के रचनाकारों और रचनाओं से परिचित कराना।</p>
10.	T.Y.B.A.(S-4)	<p>1. भाषाविज्ञान के स्वरूप का परिचय देना।</p> <p>2. छात्रों को भाषाविज्ञान की व्याप्ति समझाना।</p>

	Sem-1	<p>3.भाषाविज्ञान के अध्ययन की दिशाओं का परिचय देना ।।</p> <p>4.भाषाविज्ञान के अनुप्रयोगात्मक पक्ष को समझाना</p> <p>5.साहित्य-अध्ययन में भाषाविज्ञान की उपयोगिता समझाना।</p>
	T.Y.B.A.(S-4) Sem-2	<p>1.भाषाविज्ञान के स्वरूप का परिचय देना</p> <p>2.छात्रों को भाषाविज्ञान की व्याप्ति समझाना ।</p> <p>3. भाषाविज्ञान के अध्ययन की दिशाओं का परिचय देना। भाषाविज्ञान के अनुप्रयोगात्मक पक्ष को समझाना।</p> <p>4. साहित्य-अध्ययन में भाषाविज्ञान की उपयोगिता समझाना</p>
11.	T.Y.B.A.(Skill) Sem-1	<p>1. छात्रों को स्क्रिप्ट लेखन, अर्थ, परिभाषा से अवगत कराना। छात्रों को कथा,</p> <p>2.पटकथा और संवाद से परिचित कराना ।</p> <p>3. छात्रों को ड्राफ्ट बनाने से परिचित कराना।</p>
	T.Y.B.A.(Skill) Sem-2	<p>1. छात्रों में सिनेमा का स्वरूप से परिचित कराना।</p> <p>2 छात्रों को हिंदी साहित्य और सिनेमा के अन्तसंबंध से परिचित कराना।</p> <p>3. छात्रों को हिंदी उपन्यासों पर आधारित फिल्मों से अवगत कराना।</p>

**Program Offered**

Sr. No	Program	Program objectives	Program specific objective
1	B.A. Geography (2019 Pattern)	To develop a strong footing in the fundamentals and specialize in the disciplines of his/her liking and abilities	Understand the nature and basic concept of Geomorphology, Climatology, tourism geography, Regional geography

**Course offered BA Geography (2019 Pattern)**

Sr. No	Course	Course Outcomes
1	F.Y.B.A. Gg- 110A- Physical Geography (DSE-1) F.Y.B.A. Gg- 110B- Human Geography (DSE-2)	1. The geographical maturity of students in their current and future courses shall develop. 2. The student develops the oretical, applied and computational skills
2	S.Y.B.A. Gg: 210(A)Environmental Geography I (CC 1C)	1. To create the awareness about dynamic environment among the student. 2. To acquaint the students with fundamental concepts of environment geography for development in different areas. 3. The students should be able to integrate various factors of Environment and dynamic aspect of Environmental geography. 4. To make aware the students about the problems of environment , their utilization and conservation in the view of sustainable development.
3	Gg: 210(B)Environmental Geography II (CC 1D)	1. To create awareness about dynamic environment among the students. 2. To acquaint students with the fundamental concepts of Environment Geography. 3. To acquaint students about the past, presents

		<p>and future utility and potentials of natural resources.</p> <p>4. To make aware students about the problems of environment, its utilization and conservation in the view of sustainable development</p>
4	Gg: 220(A) Population Geography – I (DSE-1A)	<p>1. To understand the history of population.</p> <p>2. To introduction of the basic concepts in Population Geography.</p> <p>3. To understand the types of Population data</p>
5	Gg: 220(B) Population Geography – II(DSE-1B)	<p>1. To introduce students to the Population Policy of India and China.</p> <p>2. To understand the Health indicator in India.</p> <p>3. To acquaint students with the concept of urbanization in population geography.</p> <p>4. To understand population theories.</p>
6	Gg: 201(A) Practical Geography – I (Scale and Map Projections) (DSE-2A)	<p>1. Develop practical skill and use of map scale and projection.</p> <p>2. To make students aware of the new techniques, accuracy and skills of map making.</p>
7	Gg: 201(B) Practical Geography – II (Cartographic Techniques, Surveying and Excursion / Village / Project Report) (DSE 1B)	<p>1. Develop practical knowledge and application of cartographical techniques.</p> <p>2. To make students aware of the new techniques, accuracy and skills of Map Making.</p>
8	Applied Course Of Disaster Management (SEC 2A)	<p>1. To introduce basic concepts and fundamental structure of Disaster Management (DM).</p> <p>2. To inculcate critical thinking and problem solving abilities on disaster management.</p> <p>3. To enable students to assess the situation and design plan for Disaster management.</p>
9	Applied Course Of Travel & Tourism (SEC 2B)	<p>1. Students will be able to perform online as well as offline booking and cancellation procedures for different available modes of travel and tourism.</p> <p>2. Students will be able to acquire earning skills in tourism industry.</p>
10	Gg-310 (A) Geography of Tourism- I (CC1E) Gg-310 (B) (CC1F)	<p>1.To understand the history of Tourism</p> <p>2. To introduce the students to the basic concepts in Tourism Geography.</p> <p>3.To understand the types of Tourism</p> <p>4. To gain knowledge different aspects of Tourism Geography.</p>

11	Gg-320 (A) Geography of India –I (DSE 1C)	<ol style="list-style-type: none"> <li>1. To acquaint the students with geography of our Nation.</li> <li>2. To make the student aware of the magnitude of problems and Prospects at National level.</li> <li>3. To help the students to understand the inter relationship between the subject and the society.</li> <li>4. To help the students to understand the recent trends in regional studied.</li> </ol>
12	Gg-320 (B) Geography of India –I (DSE 1D)	<ol style="list-style-type: none"> <li>1. To acquaint the students with geography of our Nation.</li> <li>2. To make the student aware of the magnitude of problems and Prospects at National level.</li> <li>3. To help the students to understand the inter relationship between the subject and the society.</li> <li>4. To help the students to understand the recent trends in regional studied</li> </ol>
13	Gg- 301 (A) Practical Geography – I (Techniques of Spatial Analysis) (DSE 2C) Gg- 301 (B) Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion / Village / Project Report (DSE 2D)	<ol style="list-style-type: none"> <li>1. To introduce the basic concepts and techniques of Geographical Analysis.</li> <li>2. To introduce the students with SOI Toposheets and acquire the Knowledge of Toposheet interpretation.</li> <li>3. To introduce the students with Weather Maps and acquire the Knowledge of its interpretation.</li> <li>4. To introduce the students with Aerial Photographs and Satellite Images and acquire knowledge to interpret it .</li> <li>5. To acquaint students with the spatial and structural characteristics of Practical Geography.</li> <li>6. To explain the elementary and essential principles on field of practical work.</li> </ol>
14	Research Methodology – I (DSE 2C)	<ol style="list-style-type: none"> <li>1. To develop the understanding of the basic concept of research.</li> <li>2. To develop the understanding of the basic framework of sampling and data collection.</li> <li>3. To develop the understanding of various sampling methods and techniques.</li> </ol>
15	Research Methodology – II (DSE 2D)	<ol style="list-style-type: none"> <li>1. To identify various sources of information for data collection.</li> <li>2. Understanding of the conducting survey on various issues and develop the Report writing skill of students.</li> </ol>



## ARTS, COMMERCE & SCIENCE COLLEGE, ALKUTI

ID. No. PU/AN/ACS/78/2004

College code No.757

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### Department of History (A16)

Sr. No.	Program	Program Objective	Program Specific Objectives
01	<b>B.A. History (A16)</b>	<p>PO1. Foster excellence in critical approach towards reading, writing, analyzing and thinking.</p> <p>PO2. Encourage interdisciplinary approaches to learning.</p> <p>PO3. Offer the opportunities for the personality development through clear understanding of self, imbibing values and humanity for active citizenship.</p> <p>PO4. Motivate for community involvement.</p> <p>PO5. Provide innovative courses and curriculum in response to intellectual, social and professional needs for career building.</p> <p>PO6. Promote soft skills among students.</p>	<p>PSO-1. Introduce historical concepts, study techniques in the study of history of Marathas to make it value based, conceptual and thought provocative.</p> <p>PSO-2. To understand Socio-economic, cultural and political background of 17th century Maharashtra .</p> <p>PSO-3. To increase the spirit of healthy Nationalism and Secularism among the student.</p>

## Courses offered: B.A. History (Credit Pattern)

Sr. No.	Course	Course Outcomes
01	<b>F.Y.B.A.</b> <b>Semester-I</b> <b>Early India: From Prehistory to the Age of the Mauryas</b> <b>(Course Code-11171)</b>	CO1.It attempts to highlight the consequences of the foreigninvasions, particularly on the polity, economy, society and art and architecture. CO2.understand the history of early India from theprehistoric times to the age of the Mauryas. CO3.understand the contribution of Early Indians to polity,art, literature, philosophy, religion and science and technology. Co4.It also aims to foster the spirit of enquiry among the students bystudying the major developments in early Indianhistory.
02	<b>F.Y.B.A.</b> <b>Semester-II</b> <b>Early India: Post Mauryan Age to the Rashtrakutas</b> <b>(Course Code-11172)</b>	CO1.understand the history of early India from theprehistoric times to the age of the Mauryas. CO2.The course is aimed at introducing the students tothe developments in different parts of India through a brief study of regional kingdoms up to the tenth century C.E. CO3.It attempts to highlight the consequences of the foreign invasions, particularly on the polity, economy,society and art and architecture.
03	<b>S.Y.B.A.</b> <b>Semester-III</b> <b>G-II</b> <b>History of the Marathas: (1630-1707)</b> <b>(Course Code-23174)</b>	CO1. Student will develop the ability to analyse sourcesfor Maratha History. CO2. Student will learn significance of regional historyand political foundation of the region CO3. It will enhance their perception of 17th centuryMaharashtra and India in context of Maratha history.CO4. Appreciate the skills of leadership and the administrative system of the Marathas.
04	<b>S.Y.B.A.</b> <b>Semester-IV</b> <b>G-II</b> <b>History of the Marathas: (1707-1818)</b> <b>(Course Code-24174)</b>	CO1. Students will be able to analyze the Marathaspolicy of expansionism and its consequences. CO2. They will understand the role played by theMarathas in the 18th century India CO3. They will be acquainted with the art of diplomacyin the Deccan region. CO4. It will help to enrich the knowledge of the administrative skills and profundity of diplomacy.

## Courses offered: B.A. History (Credit Pattern)

Sr. No.	Course	Course Outcomes
01	<b>F.Y.B.A.</b> <b>Semester-I</b> <b>Early India:</b> <b>From</b> <b>Prehistory to the Age</b> <b>of</b> <b>the Mauryas</b> <b>(Course Code-</b> <b>11171)</b>	CO1.It attempts to highlight the consequences of the foreign invasions, particularly on the polity, economy, society and art and architecture. CO2.understand the history of early India from the prehistoric times to the age of the Mauryas. CO3.understand the contribution of Early Indians to polity, art, literature, philosophy, religion and science and technology. Co4.It also aims to foster the spirit of enquiry among the students by studying the major developments in early Indian history.
02	<b>F.Y.B.A.</b> <b>Semester-II</b> <b>Early India:</b> <b>Post</b> <b>Mauryan Age to</b> <b>the</b> <b>Rashtrakutas</b> <b>(Course Code-</b> <b>11172)</b>	CO1.understand the history of early India from the prehistoric times to the age of the Mauryas. CO2.The course is aimed at introducing the students to the developments in different parts of India through a brief study of regional kingdoms up to the tenth century C.E. CO3.It attempts to highlight the consequences of the foreign invasions, particularly on the polity, economy, society and art and architecture.
03	<b>S.Y.B.A.</b> <b>Semester-</b> <b>III G-II</b> <b>History of the</b> <b>Marathas: (1630-</b> <b>1707)</b> <b>(Course Code-</b> <b>23174)</b>	CO1. Student will develop the ability to analyse sources for Maratha History. CO2. Student will learn significance of regional history and political foundation of the region CO3. It will enhance their perception of 17th century Maharashtra and India in context of Maratha history. CO4. Appreciate the skills of leadership and the administrative system of the Marathas.
04	<b>S.Y.B.A.</b> <b>Semester-</b> <b>IV G-II</b> <b>History of the</b> <b>Marathas: (1707-</b> <b>1818)</b> <b>(Course Code-</b> <b>24174)</b>	CO1. Students will be able to analyze the Maratha policy of expansionism and its consequences. CO2. They will understand the role played by the Marathas in the 18th century India CO3. They will be acquainted with the art of diplomacy in the Deccan region. CO4. It will help to enrich the knowledge of the administrative skills and profundity of diplomacy.

05	<p><b>S.Y.B.A.</b>  <b>Semester-</b>  <b>IIIS-I</b>  <b>Medieval India</b>  <b>-Sultanate</b>  <b>Period</b>    <b>(Course Code-</b>  <b>23171)</b></p>	<p>CO1. Provides examples of sources used to study various periods in history.  CO2. Relates key historical developments during medieval period occurring in one place with another. CO3. Analyses socio - political and economic changes during medieval period  CO4. Estimate the foreign invasion and the achievement of rulers</p>
06	<p><b>S.Y.B.A.</b>  <b>Semester-</b>  <b>IVS-I</b>  <b>Medieval India:</b>  <b>Mughal Period</b>    <b>(Course Code-</b>  <b>24171)</b></p>	<p>CO1. Draws comparisons between policies of different rulers.  CO2. Understanding Role of Akbar in the consolidation of Mughal rule in India.  CO3. Understand Aurangzeb's conflict with Rajputas, Maratha and weakening Mughals age.  CO4. Analyses factors which led to the emergence of new religious ideas and movements (bhakti and Sufi)</p>
07	<p><b>S.Y.B.A.</b>  <b>Semester-</b>  <b>IIIS-II</b>  <b>Glimpses of the</b>  <b>Modern World -</b>  <b>Part I</b>    <b>(Course Code-</b>  <b>23172)</b></p>	<p>CO1. It will enable students to develop the overall understanding of the Modern World.  CO2. The students will get acquainted with the Renaissance, major political, socio-religious and economic developments during the Modern World. CO3. It will enhance their perception of the history of the Modern World.  CO4. It will enable students to understand the significance of the intellectual, economic, political developments in the Modern World.</p>
08	<p><b>S.Y.B.A.</b>  <b>Semester-</b>  <b>IVS-II</b>  <b>Glimpses of the</b>  <b>Modern World -</b>  <b>Part II</b>    <b>(Course Code-</b>  <b>24172)</b></p>	<p>CO1. It will enable students to develop the overall understanding of the Modern World.  CO2. The students will get acquainted with the major nationalist movements, the World War II and its consequences, the Cold War and its Consequences.  CO3. It will enhance their overall perception of the history of the Modern World.  CO4. It will enable students to understand the significance of the strategic political developments in the Modern World.</p>
09	<p><b>S.Y.B.A.</b>  <b>Semester-</b>  <b>IIISEC-I</b>  <b>Brahmi Script</b>    <b>(Course Code-</b>  <b>23175)</b></p>	<p>CO1. Students will learn to understand the Brahmi Script so as to understand important sources of the history of Early India.  CO2. They will be able to read and understand the Brahmi Script.  CO3. They will have an overall understanding of the history of Early India.</p>

10	<b>S.Y.B.A. Semester- IV SEC-II Modi Script (Course Code-24175)</b>	CO1. Students will get an overall understanding of the Modi Script. CO2. They will be able to know the history of the Marathas. CO3. They will be able to read and write in Modi Script.
11	<b>T.Y.B.A. Semester- VG-III Indian National Movement (1885- 1947)(Course Code- 35174)</b>	CO1. It will enable students to develop an overall understanding of Modern India. CO2. It will increase the spirit of healthy Nationalism, Democratic Values and Secularism among the Students. CO3. Students will understand various aspects of the Indian Independence Movement and the creation of Modern India
12	<b>T.Y.B.A. Semester- VIG-III India After Independence- (1947- 1991) (Course Code-36174)</b>	CO1. It will enable students to develop an overall understanding of the Contemporary India. CO2. To increase the spirit of healthy Nationalism, Democratic Values and Secularism among the students. CO3. Students will understand various aspects of India's domestic and foreign policies that shaped Post- Independence India.
13	<b>T.Y.B.A. Semester- VS-III Introduction to Historiography (Course Code-35171)</b>	CO1. Students will be introduced to the information and importance of Historiography. CO2. Students will be introduced to the different Methods and Tools of data collection. CO3. Students can study the interdisciplinary approach of History . CO4. Students will learn about the usefulness of History in the 21st century, its changing perspectives, the new ideas that have been invented, and the importance of History in a competitive World. CO5. This curriculum develops Research ability and process of Research Methodology in History
14	<b>T.Y.B.A. Semester- VIS-III Applied History (Course Code-36171)</b>	CO1. Students will be introduced to the information and importance of applied history. CO2. Student will learn about the Historical significance of Archaeology and Archives and opportunities in the field of Archaeology and Archives. CO3. Through this course, students will be informed about the opportunities in the field of Media, Museums. CO 4. Students will learn about the usefulness of history in the 21st Century, its changing Perspectives, the new ideas that have been invented, and the importance of History in a Competitive World.
10	<b>S.Y.B.A. Semester-</b>	CO1. Students will get an overall understanding of the Modi Script. CO2. They will be able to know the history of the Marathas.

	<b>IVSEC-II Modi Script (Course Code-24175)</b>	CO3. They will be able to read and write in Modi Script.
11	<b>T.Y.B.A. Semester- VG-III Indian National Movement (1885- 1947)(Course Code- 35174)</b>	CO1. It will enable students to develop an overall understanding of Modern India. CO2. It will increase the spirit of healthy Nationalism, Democratic Values and Secularism among the Students.CO3. Students will understand various aspects of the Indian Independence Movement and the creation of Modern India
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15	<b>T.Y.B.A. Semester- VS-IV Maharashtra in the 19th Century</b>	CO1. Student will develop the ability to analyse sources for 19th century Maharashtra History. CO2. Student will learn significance of Regional History and Socio-religious reformism foundation of the region.CO 3. It will enhance their perception of 19th Century Maharashtra. CO4. Appreciate the skills of leadership and the Socio-religious System of the Maharashtra.

	<b>(Course Code-35172)</b>	
16	<b>T.Y.B.A. Semester- VIS-IV History of Maharashtra in the20thCentury (Course Code- 6172)</b>	CO1. Student will develop the ability to analyse sources for 20th Century Maharashtra history. CO2. Student will learn significance of regional history and Socio-Religious Reformism foundation of the region. CO3. It will enhance their Perception of 20th Century Maharashtra. CO4. Appreciate the skills of leadership and the Socio-Religious System of the Maharashtra
17	<b>T.Y.B.A. Semester- VSEC-III Museology (Course Code- 5178)</b>	CO1. The Students will understand the concepts of Museum and learn the basic Principles of Museology CO2. The Students will gain Comprehensive Knowledge of the Process of Curating and Conserving Museum of objects
18	<b>T.Y.B.A. Semester- VISEC-IV Heritage Management (Course Code- 6178)</b>	CO1. Student will understand over all process of Heritage Management CO2. Student will get the knowledge about scope and the fact of Heritage Management. CO3. The students will enable to understand about legal and commercial framework of Heritage



## Department Of Economics

### Course Outcomes

#### Programs offered

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

**Course Outcomes**

Sr. No	Course	Course Outcomes
1.	S.Y.B.A.(S-2) Sem-1	1 • To introduce students to the historical background of the emergence of macroeconomics 2 • To familiarize students with the differences between microeconomics and macroeconomics 3• To familiarize students with various concepts of national income 4 • To familiarize students with keynesian macroeconomic theoretical framework of consumption and investment functions 5• To introduce students to the role of money in an economy.
	S.Y.B.A.(S-2) Sem-2	1• To introduce students to the conceptual and theoretical frameworks of inflation, deflation and stagflation, Business Cycle . 2• To familiarize students with the conceptual and theoretical framework of business cycles 3 • To introduce students to the role of monetary and fiscal policies in fulfilling the macroeconomic objectives of stability, full employment and growth. 4 • To introduce students to the various instruments of monetary and fiscal policies .
2.	T.Y.B.A.(G-3) Sem-1	1 To relate and recognize the concept and indicators of Economic Development. 2 To describe and analyze the concept and indicators of Human Development . 3 To explain the characteristics of Developing and Developed Countries. 4 To describe the constraints to the process of Economic Development.
	T.Y.B.A.(G-3) Sem-2	1To describe and explain the process of Economic Planning . 2 To describe and examine the changing structure of planning process in India. 3 To describe and explain the relation between Economic Development and Environment.
3.	T.Y.B.A.(S-4) Sem-1	1To relate and recognize the Nature and Scope of Public Finance. 2 To describe and analyze the concept of Public Revenue and its components. 3To explain types of Public Expenditure and reasons for rising Public Expenditure. •4To explain the types of Public Debt and its effects.
	T.Y.B.A.(S-4) Sem-2	1 To explain and assess the components and instruments of Fiscal Policy. 2 To relate to the concepts of Budget and its components. 3To describe and analyze the concept of Deficit Financing and its effects. 4To describe and explain the Centre and State Financial Relationship.
4.	T.Y.B.A.(Skill) Sem-1	1Management of Business. 2 Business planning and decision making 3Leadership Skills- Ability to work in teams at the same time, ability to show leadership qualities .

	T.Y.B.A.(Skill) Sem-2	<p>1 Analytical Skills – Ability to analyze data collected and interpret in the most logical manner</p> <p>2 Project Report Writing Skills- Ability to comprehend and illustrate/demonstrate findings</p> <p>3 Presentation Skills – PPT/Poster- Ability to illustrate findings in the most appealing manner</p> <p>4 Leadership Skills: Ability to show leadership skills with business ideas or work on business ventures as a practical example</p>
5.	F.Y.Bcom.Sem-1	<p>1. To acquaint the students with the concepts and techniques used in micro and macroeconomics.</p> <p>2. To give the introduction to basic principles of microeconomics and to demonstrate how application of economic theory can improve decision making.</p> <p>3. To build a perspective necessary for the application of modern economic concepts, precepts, tools and techniques in evaluating business decision taken by a firm.</p>
	F.Y.Bcom.Sem-2	<p>1. To impart knowledge of business economics</p> <p>2. To clarify micro economic concepts</p> <p>3. To analyze and interpret charts and graphs</p> <p>4. To understand basic theories, concepts of micro economics and their application</p>
6.	S.Y.Bcom.Sem-1	<p>1. To familiarize the students to the basic theories and concepts of Macro Economics and their application.</p> <p>2 To study the relationship amongst broad aggregates.</p> <p>3 To impart knowledge of business economics.</p> <p>4 To understand macroeconomic concepts.</p> <p>5 To introduce the various concepts of National Income.</p>
	S.Y.Bcom.Sem-2	<p>1 To familiarize the students to the basic theories and concepts of Macro Economics and their application.</p> <p>2 To understand the theories of money.</p> <p>3 To understand the phases of trade cycle and policy measures to elongate the trade cycle.</p> <p>4 To understand various concepts related to public finance.</p> <p>5 To understand credit creation of banks and money measures of RBI.</p>



## Department of Chemistry

### Programs offered: B.Sc. Chemistry (Credit Pattern)

Sr. No.	Program	Program Objective	Program Specific Objectives
01	B.Sc. Chemistry	<ol style="list-style-type: none"><li>1.To understand the fundamentals, principles , mathematical concepts included in chemistry and recent research development in Chemistry.</li><li>2. Students are well prepared for a detailed study and understanding the knowledge with chemistry experiments.</li><li>3. To understand the different types of chemical reactions.</li><li>4. To understand the fundamentals, principles, mathematical concepts and recent developments in the subject area</li></ol>	<p>PSO-1.Introducehistoricalconcepts, study techniques in thestudy of history of Marathas to makeit value based, conceptual andthoughtprovocative.</p> <p>PSO-2.Tounderstand Socio-economic, cultural and politicalbackground of 17th centuryMaharashtra.</p> <p>PSO-3.To increase the spirit ofhealthy Nationalism and Secularismamongthestudent.</p>

## Courses offered (CBCS 2019 Pattern)

Sr. No.	Course	Course Outcomes
01	F.Y.B.Sc. Chemistry I (CH-101) Physical Chemistry	a) To understand the fundamentals, principles, mathematical and theoretical concepts and recent developments as well as basic knowledge in the subject area.
	F.Y.B.Sc. Chemistry II (CH-201) Inorganic Chemistry	a) To Understand Hybridization concepts in inorganic chemistry. b) To learn periodic table and chemical bonding. c) To learn basic knowledge of sigma, pi, delta bonding in inorganic.
	F.Y.B.Sc. Chemistry I(CH-102) Organic Chemistry	a) To learn general organic reactions b) Basic hint of the pathway of reaction mechanism c) To learn basic knowledge of stereochemistry.
	F.Y.B.Sc. Chemistry II (CH-202) Analytical Chemistry	a)To introduce basics of analytical chemistry b)To understand errors and its interpretation c) To disseminate knowledge of qualitative & quantitative analysis.
	F.Y.B.Sc. Chemistry I(CH-103) Chemistry Practical	a)To understand MSDS data sheet. b) Well known about Instrument Handling.
	F.Y.B.Sc. Chemistry I(CH-203) Chemistry Practical	a) To understand Experiments related to Chemical kinetics b) Calculation regarding Experimental and Theoretical yield.
02	S.Y.B.Sc. Chemistry I(CH301)Physical and Analytical Chemistry	a) To conceptualize phenomenon of free energy and equilibrium. b) To distinguish behavior of liquid phase solutions. c) To provide basic knowledge essential for volumetric analysis.
	S.Y.B.Sc. Chemistry II(CH-302) Inorganic and Organic Chemistry	a) To understand different type of Name reactions Rearrangements and rule. b) Knowledge regarding Molecular Orbital Theory. c) General Metallurgy Concepts.
	S.Y.B.Sc. Chemistry III (CH-303) Chemistry Practical	a) To correlate theoretical and experimental knowledge b) Acquired skills of handling various tools, instrumentation techniques for chemical analysis c) Graphical knowledge about performed experiments.
	S.Y.B.Sc. Chemistry I(CH401)Physical and Analytical Chemistry	a) To learn the basic concepts related to kinetics and chemical and Electrochemistry. b) To understand the Meaning and Types of equilibrium such as true or static, metastable and Unstable equilibrium.
	S.Y.B.Sc. Chemistry II(CH-402) Inorganic and Organic Chemistry	a) To know the Molecular Orbital Theory, VBT, CFT etc. b) Knowledge regarding reaction mechanism. c) Know the meaning of various terms involved in coordination chemistry. d) Knowledge Of Structural isomers, functional isomers, Positional Isomers.

		e) ) To learn the stereochemistry of substituted cyclohexane
	S.Y.B.Sc. Chemistry III (CH-403) Chemistry Practical	a) Complete Qualitative and Quantitative analysis of organic and inorganic Compounds. b) To learn various tests regarding Some specific chemical groups.
03	T.Y.B.Sc. (CH-501) Physical Chemistry-I	a) Principles of Spectrophotometric analysis and properties of electromagnetic radiations. b) To know the basics Electrochemical cell with specific examples. c) To know the basics crystal structure of Solid state and quantum chemistry.
	T.Y.B.Sc. (CH-502) Analytical Chemistry-I	a) To know Solvent Extraction b) Separation mechanism involved in GSC and GLC c) Separation mechanism involved in adsorption and partition HPLC
	T.Y.B.Sc. (CH-503) Physical Chemistry Practical -I	a) To understand Experiments related to Chemical kinetics and instrument Calibration method. b) Calculation regarding Experimental and Theoretical yield
	T.Y.B.Sc. (CH-504) Inorganic Chemistry -I	a) Students should know the meaning of terms f-block elements, Inner transition elements, lanthanides, actinides. b) The meaning of metal & semiconductor.
	T.Y.B.Sc. (CH-505) Industrial Chemistry	a) Industrial Visit can be arranged. b) The students are expected to learn Importance of sugar industry and Fermentation Industry. c) Students should know about different types of soap detergents and Cosmetics products.
	T.Y.B.Sc. (CH-506) Inorganic Chemistry practical -I	a) Complete Qualitative and Quantitative analysis of organic and inorganic Compounds. b) To learn various tests regarding Some specific chemical groups.
	T.Y.B.Sc. (CH-507) Organic Chemistry - I	a) Student should know the homogeneous catalyst and heterogeneous catalysis. b) To know the Retro synthetic analysis and applications. C) To study the intermediates.
	T.Y.B.Sc. (CH-508) Chemistry of Biomolecules	a) Structures of Carbohydrates, Glucose, Nucleic acids. b) Study of Killani Fischer Synthesis.
	T.Y.B.Sc. (CH-509) Organic chemistry practical -I	a) Complete Qualitative and Quantitative analysis of organic Compounds. b) To learn various tests regarding Some specific chemical groups. c) Roles of Reagents can be known.
	T.Y.B.Sc. (CH-510) SEC-I Polymer Chemistry	a) Students should know Polymer chemistry. b) Long chain and short chain polymers knowledge c) Isotactic, Syndiotactic polymers knowledge.
	T.Y.B.Sc. (CH-511) SEC-II Environmental Chemistry	a) Various Factors that effect on environment that can be known. b) Types of pollutions that effects on the environment can be studied.

	T.Y.B.Sc. (CH-601) Physical Chemistry-II	a) Principles of Thermodynamics can be known. b) To know the basic Electrochemical cell with specific examples. c) To know the basics crystal structure of Solid state and quantum chemistry.
	T.Y.B.Sc. (CH-602) Physical chemistry-III	a) Principles and properties of electromagnetic radiations. b) To know the basics Electrochemical cell with specific examples. c) To know the basic crystal structure of Solid state and quantum chemistry.
	T.Y.B.Sc. (CH-603) Physical chemistry Practical -II	a) Acquired skills of handling various tools, instrumentation techniques for chemical analysis. b) Well known about electrodes used for instruments.
	T.Y.B.Sc. (CH-604) Inorganic chemistry-II	a) Various types of Organometallic compounds can be known , b) Acid and Bases Chemistry can be studie
	T.Y.B.Sc. (CH-605) Inorganic chemistry-III	a) knowledge of Bioinorganic Chemistry b) Whole Periodic table can be known. c) Coupling Reactions can be studied.
	T.Y.B.Sc. (CH-606) Inorganic chemistry Practical-II	a) Complete Qualitative and Quantitative analysis of inorganic Compounds. b) To learn various tests regarding Some specific chemical groups. c) Groups like Phosphate, sulphate can be detected with tests.
	T.Y.B.Sc. (CH-607) Organic chemistry-II	a) Well known about Spectroscopy b) UV , IR , NMR instruments can be known c) Problems related to Spectroscopic data can be solved and known about Doublet, triplet , quartet,...
	T.Y.B.Sc. (CH-608) Organic chemistry-III	a) Organic Reaction mechanism can be known. b) Electrophilicity and Nucleophilicity known c) Roles of Electron donating and Electron withdrawing groups , Types of Effects in chemistry known. d) Rearrangements Reactions known.
	T.Y.B.Sc. (CH-609) Organic chemistry Practical- III	a) Complete Qualitative and Quantitative analysis of inorganic Compounds. b) Thin Layer Chromatography (TLC) whole study. c) To learn various tests regarding Some specific chemical groups. d) Chemical Properties of Toxic chemicals can be learned.
	T.Y.B.Sc. (CH-610) SEC III Chemistry of Soil and Agrochemicals	a) To Know the role of agriculture chemistry and its potential b) Understand basic concept of soil, properties of soil & its classification on the basis of pH. c) Know the different plant nutrients, their functions and deficiency symptoms.
	T.Y.B.Sc. (CH-611) SEC IV Analytical Chemistry -II	a) Colorimetric and polarography as an analytical tool b) Knowledge about types of Errors, Deviations.
<b>04</b>	Msc-I (CHP-110 )Physical Chemistry- I(Fundamentals of Physical Chemistry)	a) Represent of the rate law of the elementary and chain reaction b) Understand of the theories for the determination of the rate of the reactions c) Understand of the kinetics of the explosive photochemical and unimolecular reactions

		<ul style="list-style-type: none"> <li>d) Understand of the laws of thermodynamics and their applications</li> <li>e) know the phase diagram of single component systems and binary mixtures</li> <li>f) Understand of the applications statistical thermodynamics</li> <li>g) Understand of the quantum chemistry of free electron and H- atom</li> </ul>
	<p>Msc-I (CHI-130)Inorganic Chemistry-I (Molecular Symmetry and Chemistry of Main Group Elements)</p>	<ul style="list-style-type: none"> <li>a) Able to visualize molecule in 3-D, understand the concept of symmetry elements and symmetry operations.</li> <li>b) know the point groups of molecules and understand symmetry considerations for optical activity and dipole moment.</li> <li>c) Understand the group multiplication table, character table and representations of group.</li> <li>d) Apply the projection operator for constructing SALCs.</li> <li>e) correlate application of symmetry to spectroscopy and find IR active modes of vibration.</li> <li>f) Understand the detail chemistry of s- and p- block elements w.r.t. their compounds, reactions and applications.</li> <li>g) learn the advance chemistry of boranes, fullerenes, zeolites, carbon nanotubes, Polymers, etc.</li> <li>h) Understand the organometallic chemistry of some important elements of s- and p- block.</li> <li>i) understand how to derive the SALCs for molecules using the Projection Operators and also how to construct molecular orbitals using various symmetry operations and their representations</li> </ul>
	<p>Msc-I (CHO-150)Organic Chemistry-I (Basic Organic Chemistry)</p>	<ul style="list-style-type: none"> <li>a) To understand some fundamental aspects of organic chemistry, to learn the concept aromaticity, to understand the various types of aromaticity</li> <li>b) To study heterocyclic compound containing one and two hetero atoms with their structure, synthesis and reactions.</li> <li>c) To know stereochemistry of organic compounds; able to do interconversion of Fischer to Newmann, Newmann to Sawhorse and vice versa, Able to assign R and S to given molecules; understand stereoselective and stereospecific reactions; acquire knowledge on topicity.</li> <li>d) To study structure, formation, stability and related name reaction of intermediates like Carbocation, Carbanion, Free Radical, Carbenes and nitrenes; Recognize neighboring group participation</li> <li>e) To study rearrangement reaction with specific mechanism and migratory aptitude of different groups.</li> <li>f) To study Ylides and their reaction.</li> <li>g) To understands the basis of redox reaction; acquire knowledge about the reagents which causes selective oxidation / reduction in various compounds; learn the basic mechanism of oxidation / reduction in organic compounds</li> </ul>
	<p>Msc-I (CHG-190) Introduction to Chemical Biology-I</p>	<ul style="list-style-type: none"> <li>a) Students will be able to explore new areas of research in both chemistry and allied fields of science and technology.</li> <li>b) Students will be able to function as a member of an interdisciplinary problem solving team.</li> <li>c) To impart the students thorough idea in the chemistry of</li> </ul>

		<p>carbohydrates, amino acids, proteins and nucleic acids etc.</p> <p>d) Be able to describe the chemical basis for replication, transcription, translation and how each of these central processes can be expanded to include new chemical matter.</p> <p>e) Develop skills to critically read the literature and effectively communicate research in a peer setting.</p>
	Msc-I (CHG-190) Inorganic Chemistry-Material Analysis, Synthesis and Applications Practical	<p>a) prepare the exact solutions for quantitative analysis.</p> <p>b) Apply the knowledge of quantitative analysis for the determination of metals from ores/alloys.</p> <p>c) synthesize Inorganic complexes and also find their purity.</p> <p>d) Understand Ion-exchange chromatography for separation of metal ions.</p> <p>e) Understand the principle and working of different instruments like colourimeter, conductometer, spectrophotometer, etc</p>
	Msc-I (CHP-107) Basic Practical Chemistry-I	<p>a) understand chemical bonding and reactivity, various effects in organic molecules.</p> <p>b) understand Acidity and Basicity as well as aromaticity.</p> <p>c) understand concepts of stereochemistry and will be able to stereochemical aspects in organic chemistry.</p> <p>d) develop knowledge of substitution (electrophilic, nucleophilic), addition and elimination reactions</p>
	Msc-I (CHP-210) Physical Chemistry - II (Molecular Spectroscopy and Nuclear Chemistry)	<p>a) Able to visualize molecule in 3-D, understand the concept of symmetry elements and symmetry operations.</p> <p>b) know the point groups of molecules and understand symmetry considerations for optical activity and dipole moment.</p> <p>c) Understand the group multiplication table, character table and representations of group.</p> <p>d) Apply the projection operator for constructing SALCs.</p> <p>e) correlate application of symmetry to spectroscopy and find IR active modes of vibration.</p> <p>f) Understand the detail chemistry of s- and p- block elements w.r.t. their compounds, reactions and applications.</p> <p>g) learn the advance chemistry of boranes, fullerenes, zeolites, carbon nanotubes, Polymers, etc.</p> <p>h) Understand the organometallic chemistry of some important elements of s- and p- block.</p> <p>i) understand how to derive the SALCs for molecules using the Projection Operators and also how to construct molecular orbitals using various symmetry operations and their representations</p>
	Msc-I (CHI-230) Inorganic Chemistry -II (Coordination and Bioinorganic Chemistry)	<p>a) Student should able to find out the no of microstates and meaningful term symbols, construction of microstate table for various configuration</p> <p>b) Hund's rules for arranging the terms according to energy.</p> <p>c) Student should understand interelectronic repulsion.</p> <p>d) Student should know the concept of weak and strong ligand field.</p> <p>e) Student able to find out splitting of the free ion terms in weak ligand field and strong ligand field.</p> <p>f) To draw correlations diagram for various configurations in Td and Oh ligand field.</p>

		<ul style="list-style-type: none"> <li>g) Student should know basic instrumentation and selection rules and relaxation in rules.</li> <li>h) Student should know basic d-d transition, d-p mixing, charge transfer spectra.</li> <li>i) Interpretation of electronic spectra for spin allowed oh and td complexes using Orgel diagram.</li> <li>j) Understand the concept of spectro chemical series and Nephelauxeticserie</li> <li>k) Importance of bioinorganic chemistry.</li> <li>l) Role of metals in Metalloprotein and metalloenzymes.</li> <li>m) Similarities in coordination theory for metal complexes and metal ions complexed with biological ligands.</li> <li>n) Importance and transport of metal ions.</li> <li>o) Passive transport metal ions by ionophores and gramicidin.</li> <li>p) Mechanism for active transport of Na<sup>+</sup> and K<sup>+</sup> 7) Nerve impulse generation in rod cell of retina.</li> <li>q) Importance and function of Ca, Fe and Mg in metalloprotein</li> <li>r) Catalytic role of Mn in photosynthesis</li> </ul>
	<p style="text-align: center;">Msc-I (CHO-250) Organic Chemistry-II (Photochemistry, Pericyclic and Organic spectroscopy)</p>	<ul style="list-style-type: none"> <li>a) Students should able to understand free radicals' formation, stability and reactivity and should also be able to use the basic understanding in writing probable reaction mechanisms.</li> <li>b) Students should able to write MO diagram for various olefinic compounds and should able to predict the products, the stereochemistry as well as should able to understand the preferred reaction pathways.</li> <li>c) Students should able to calculate <math>\lambda_{max}</math> of organic compounds containing more than one and less than four conjugated systems. Students should able to correlate IR bands with functional groups using numerical data as well as spectral data.</li> <li>d) Students should able to solve <sup>1</sup>H-NMR problems and should also able to draw the <sup>1</sup>H-NMR spectrum for simple organic compounds mentioning multiplicity pattern and coupling constant with the help of "Tree Diagram" Should able to predict and analyze the multiplicity patterns with more than one coupling constants.</li> <li>e) Students should able to use <sup>13</sup>C-NMR data to interpret the structure NMR problems and should also able to draw the <sup>1</sup>H-NMR spectrum for simple organic compounds mentioning multiplicity pattern and coupling constant with the help of "Tree Diagram" Should be able to predict and analyze the multiplicity patterns with more than one coupling constants.</li> <li>f) Students should know various key factors responsible for the spectroscopic data acquisition and should able to solve Problems based on UV, IR, MS, <sup>1</sup>H-NMR, <sup>13</sup>CNMR.</li> <li>g) MOT and will be able to extend this in predicting reaction mechanism and stereochemistry of electrocyclic reactions.</li> <li>h) The concepts in free radical reactions, mechanism and the stereo chemical outcomes.</li> <li>i) The basic principle of spectroscopic methods and their applications in structure elucidation of organic compounds</li> </ul>

		using given spectroscopic data or spectra.
	Msc-I (CHG-290) Introduction to Chemical Biology-II	<ul style="list-style-type: none"> <li>a) Students will be able to explore new areas of research in both chemistry and allied fields of science and technology.</li> <li>b) Students will be able to function as a member of an interdisciplinary problem solving team.</li> <li>c) To impart the students thorough idea in the chemistry of carbohydrates, amino acids, proteins and nucleic acids etc.</li> <li>d) Be able to describe the chemical basis for replication, transcription, translation and how each of these central processes can be expanded to include new chemical matter.</li> <li>e) Develop skills to critically read the literature and effectively communicate research in a peer setting.</li> <li>f) Describe the importance of chemical biology research and interdisciplinary work.</li> </ul>
	Msc-I (CHG-290) Electroanalytical Techniques of Analysis Practical	<ul style="list-style-type: none"> <li>a) This course is designed to make students aware of how to perform organic compounds in laboratory.</li> <li>b) The course includes synthesis of some derivatives and organic compounds, which will help them while working in research laboratory in future.</li> </ul>
	Msc-I (CHP-227) Basic Practical Chemistry-II	<ul style="list-style-type: none"> <li>c) This course is designed to make students aware of how to perform organic compounds in laboratory.</li> <li>d) The course includes synthesis of some derivatives and organic compounds, which will help them while working in research laboratory in future.</li> <li>e) Making derivatives of organic compounds will help them in industry or while doing research in medicinal chemistry for Drug development.</li> <li>f) This practical course is also designed to make student aware of green chemistry and role of green chemistry in pollution reduction.</li> <li>g) The students learn how to avoid solvents and do solvent free reaction.</li> <li>h) Students are trained to different purification techniques in organic chemistry like recrystallization, distillation, steam distillation and extraction.</li> <li>i) Students are made aware of safety techniques and handling of chemicals.</li> <li>j) Students are made aware of carrying out different types of reactions and their workup methods.</li> <li>k) This practical course is designed to make student aware of green chemistry and role of green chemistry in pollution reduction.</li> </ul>
5.	Msc-II (CHO-350) Organic Reaction Mechanism and Biogenesis	<ul style="list-style-type: none"> <li>a) Students should able to understand free radicals' formation, stability and reactivity and should also be able to use the basic understanding in writing probable reaction mechanisms.</li> <li>b) Students should able to write MO diagram for various olefinic compounds and should able to predict the</li> </ul>

		products, the stereochemistry as well as should able to understand the preferred reaction pathways.
Msc-II (CHO-351) Structure Determination of Organic Compounds by Spectroscopic Methods		<ul style="list-style-type: none"> <li>a. understand how to interpret nuclear magnetic resonance spectrum.</li> <li>b. know how to solve problems based on H1 and C13 NMR</li> <li>c. know applications of mass spectroscopy in determination of structures.</li> <li>d. understand methods of solving combines problems on all spectroscopic techniques</li> </ul>
Msc-II (CHO-352) Stereochemistry and Asymmetric Synthesis of Organic Compound		<ul style="list-style-type: none"> <li>a. understand various ways of attack on electrophilic species by a nucleophile to predictenantioselective product.</li> <li>b. understand mechanisms in asymmetric reaction.</li> <li>c. visualise3D structure of molecules.</li> <li>d. develop interest in Asymmetric synthesis of naturally occurring essential compounds.</li> </ul>
Msc-II CHO-353-A) Protection - De-protection, Chiron approach and Carbohydrate Chemistry		<ul style="list-style-type: none"> <li>a. understand various Pericyclic and photochemical reactions and rearrangements.</li> <li>b. understand and write mechanism of reactions and their applications.</li> <li>c. understand how to synthesize five, six and seven-membered heterocycles.</li> <li>d. utilize their knowledge in practicals for various heterocyclic and photochemical conversions.</li> </ul>
Msc-II CHO-354 Practical I: Solvent Free Organic Synthesis		<ul style="list-style-type: none"> <li>a. understand different purification techniques in organic chemistry like recrystallization, distillation, steam distillation and extraction.</li> <li>b. get awareness of safety techniques and handling of chemicals.</li> <li>c. understand how to carry out different types of reactions and their workup methods.</li> <li>d. become aware of green chemistry and role of green chemistry in pollution reduction</li> </ul>
Msc-II CHO-450 Chemistry of Natural Products		<ul style="list-style-type: none"> <li>a. understand different Secondary metabolites and their importance.</li> <li>b. become familiar with many reagents used in organic synthesis.</li> <li>c. understand nature better by studying mechanisms in biological reactions.</li> <li>d. understand various laboratory methods to determine structure of unknown organic sample.</li> <li>e. develop interest in Biogenesis of naturally occurring essential compounds.</li> </ul>
Msc-II CHO-451 Organometallic Reagents in Organic Synthesis		<ul style="list-style-type: none"> <li>a. Industrial applications of organometallic compounds in organic reactions.</li> <li>b. Mechanisms of organometallic reactions.</li> <li>c. Stereochemistry of the organometallic reactions.</li> </ul>
Msc-II CHO-452 B) Applied Organic Chemistry		<ul style="list-style-type: none"> <li>a. understand the Principles of mass spectroscopy, gas chromatography and HPLC</li> <li>b. apply the techniques for structure determination of organic molecules.</li> <li>c. perform statistical analysis of chemical data by</li> </ul>

		developing analytical mind
	Msc-II CHO-453 Ternary Mixture Separation	<ul style="list-style-type: none"> <li>a. understand various Pericyclic and photochemical reactions and rearrangements.</li> <li>b. understand and write mechanism of reactions and their applications.</li> </ul>
	Msc-II CHO-453: Carbohydrates Synthesis and Isolation of Natural Products	<ul style="list-style-type: none"> <li>a. understand the stereochemistry of carbohydrates and their reactions.</li> <li>b. understand the concept of chiral templates and chiral drugs</li> <li>c. understand the synthesis of various drugs.</li> <li>d. understand the mode of action of different anti-fungal, anti-bacterial and anti-viral drugs.</li> </ul>
	Msc-II CHO-454 PracticalConvergent and Divergent Organic Syntheses.	<ul style="list-style-type: none"> <li>a. How to synthesize organic molecules.</li> <li>b. How to maintain reaction conditions.</li> <li>c. Arrangement of assembly.</li> <li>d. How to follow reaction by using thin layer chromatography</li> <li>e. -Methods of purification of samples.</li> </ul>



## Program Objectives

### B.Sc. Physics (2019 CBCS Pattern)

Sr. No.	Program	Program Objectives	Program Specific Objectives
1	B. Sc. Physics	<ul style="list-style-type: none"><li>To provide in depth knowledge of scientific and technological aspects of Physics .</li><li>To familiarize with current and recent scientific and technological developments</li><li>To enrich knowledge through problem solving, hand on activities, study visits, Projects etc.</li><li>To train students in skills related to research, education, industry, and market.</li><li>To create foundation for research and development in Electronics</li><li>To develop analytical abilities towards real world problems</li><li>To help students build-up a progressive and successful career in Physics</li></ul>	<ol style="list-style-type: none"><li>After completion of program, students will be able to have in-depth knowledge of basic concepts in Physics.</li><li>Students will be able to apply the laws of Physics in real life situations to solve the problems.</li><li>Students develop aptitude of doing research through undertaking small projects.</li><li>Student will have set his foundation to pursue higher education in Physics.</li><li>After completing the program student will have developed interdisciplinary approach and can pursue higher studies in subjects other than Physics</li></ol>

## Course Outcomes

### B.Sc. Physics (2019 CBCS Pattern)

Sr. No.	Course	Course Outcomes
1	<b>F.Y. B. Sc.</b> <b>1. Mechanics and Properties of Matter</b>	<ol style="list-style-type: none"><li>1. Demonstrate an understanding of Newton's laws and applying them in calculations of the motion of simple systems.</li><li>2. Use the free body diagrams to analyses the forces on the object.</li><li>3. Understand the concepts of energy, work, power, the concepts of conservation of energy and be able to perform calculations using them</li><li>4. Understand the concepts of elasticity and be able to perform calculations using them.</li><li>5. Understand the concepts of surface tension and viscosity and be able to perform calculations using them.</li><li>6. Use of Bernoulli's theorem in real life problems.</li><li>7. Demonstrate quantitative problem solving skills in all the topics covered.</li></ol>
	<b>2. Physics Principles and Applications</b>	<ol style="list-style-type: none"><li>1. To demonstrate an understanding of electromagnetic waves and its spectrum.</li><li>2. Understand the types and sources of electromagnetic waves and applications.</li><li>3. To understand the general structure of atom, spectrum of hydrogen atom.</li><li>4. To understand the atomic excitation and LASER principles.</li><li>5. To understand the bonding mechanism in molecules and rotational and vibrational energy levels of diatomic molecules.</li><li>6. To demonstrate quantitative problem</li></ol>

		solving skills in all the topics covered.
	<b>3.Physics Laboratory-1A</b>	<ol style="list-style-type: none"> <li>1. Acquire technical and manipulative skills in using laboratory equipment, tools, and materials.</li> <li>2. Demonstrate an ability to collect data through observation and/or experimentation and interpreting data.</li> <li>3. Demonstrate an understanding of laboratory procedures including safety, and scientific methods.</li> <li>4. Demonstrate a deeper understanding of abstract concepts and theories gained by experiencing and visualizing them as authentic phenomena.</li> <li>5. Acquire the complementary skills of collaborative learning and teamwork in laboratory settings.</li> </ol>
	<b>4.Heat and Thermodynamics</b>	<ol style="list-style-type: none"> <li>1. Describe the properties of and relationships between the thermodynamic properties of a pure substance.</li> <li>2. Describe the ideal gas equation and its limitations.</li> <li>3. Describe the real gas equation</li> <li>4. Apply the laws of thermodynamics to formulate the relations necessary to analyze a thermodynamic process.</li> <li>5. Analyze the heat engines and calculate thermal efficiency.</li> <li>6. Analyze the refrigerators, heat pumps and calculate coefficient of performance.</li> <li>7. Understand property 'entropy' and derive some thermo dynamical relations using entropy concept.</li> <li>8. Understand the types of thermometers and their usage.</li> </ol>
	<b>5.Electricity and Magnetism</b>	<ol style="list-style-type: none"> <li>1. Demonstrate an understanding of the electric force, field and potential, and related concepts, for stationary charges.</li> <li>2. Calculate electrostatic field and potential of simple charge distributions</li> </ol>

		<ul style="list-style-type: none"> <li>using Coulomb's law and Gauss's law.</li> <li>3. Demonstrate an understanding of the dielectric and effect on dielectric due to electric field.</li> <li>4. Demonstrate an understanding of the magnetic field for steady currents using Biot-Savart and Ampere's laws.</li> <li>5. Demonstrate an understanding of magnetization of materials.</li> <li>6. Demonstrate quantitative problem solving skills in all the topics covered.</li> </ul>
	<b>6. Physics Laboratory-1B</b>	<ul style="list-style-type: none"> <li>1. Acquire technical and manipulative skills in using laboratory equipment, tools, and materials.</li> <li>2. Demonstrate an ability to collect data through observation and/or experimentation and interpreting data.</li> <li>3. Demonstrate an understanding of laboratory procedures including safety, and scientific methods.</li> <li>4. Demonstrate a deeper understanding of abstract concepts and theories gained by experiencing and visualizing them as authentic phenomena.</li> <li>5. Acquire the complementary skills of collaborative learning and teamwork in laboratory settings.</li> </ul>
<b>2</b>	<b>S. Y. B. Sc.</b> <b>1. Mathematical Methods in Physics I</b>	<p>After the completion of this course students will be able to</p> <ul style="list-style-type: none"> <li>1. Understand the complex algebra useful in physics courses</li> <li>2. Understand the concept of partial differentiation.</li> <li>3. Understand the role of partial differential equations in physics.</li> <li>4. Understand vector algebra useful in mathematics and physics</li> <li>5. Understand the singular points of differential equation.</li> </ul>
	<b>2. Electronics I</b>	<ul style="list-style-type: none"> <li>1. Apply laws of electrical circuits to different circuits.</li> <li>2. Understand the relations in electricity</li> </ul>

		<ol style="list-style-type: none"> <li>3. Understand the properties and working of transistors.</li> <li>4. Understand the functions of operational amplifiers.</li> <li>5. Design circuits using transistors and operational amplifiers.</li> <li>6. Understand the Boolean algebra and logic circuits.</li> </ol>
	<b>3. Physics Laboratory-2A</b>	<ul style="list-style-type: none"> <li>• Whatever the students learned in their theory course of electronics. They need to verify the concept. This course will help to student to verify the concept from theory.</li> </ul>
	<b>4. Oscillations, Waves and Sound</b>	<ol style="list-style-type: none"> <li>1. Solve the equations of motion for simple harmonic, damped, and forced oscillators. Understand the physics and mathematics of oscillations.</li> <li>2. Formulate these equations and understand their physical content in a variety of applications,</li> <li>3. Describe oscillatory motion with graphs and equations, and use these descriptions to solve problems of oscillatory motion.</li> <li>4. Explain oscillation in terms of energy exchange, giving various examples.</li> <li>5. Solve problems relating to undammed, damped and force oscillators and superposition of oscillations.</li> <li>6. Understand the mathematical description of travelling and standing waves.</li> <li>7. Recognize the one-dimensional classical wave equation and solutions to it.</li> <li>8. Calculate the phase velocity of a travelling wave.</li> <li>9. Explain the Doppler Effect, and predict in qualitative terms the frequency.</li> </ol>
	<b>5. Optics</b>	<ol style="list-style-type: none"> <li>1. Acquire the basic concepts of wave optics.</li> <li>2. Describe how light can constructively</li> </ol>

		<p>and destructively interfere.</p> <ol style="list-style-type: none"> <li>3. Explain why a light beam spreads out after passing through an aperture.</li> <li>4. Summarize the polarization characteristics of electromagnetic waves.</li> <li>5. Appreciate the operation of many modern optical devices that utilize wave optics.</li> <li>6. Understand optical phenomena such as polarization, birefringence, Interference and diffraction in terms of the wave model.</li> <li>7. Analyze simple examples of interference and diffraction phenomena.</li> <li>8. Be familiar with a range of equipment used in modern optics.</li> </ol>
	<p><b>6. Physics Laboratory-2B</b></p>	<ul style="list-style-type: none"> <li>• Whatever the students learned in their theory courses such as wave's oscillations and sound and optics. They need to verify this concept. This course will help to student to verify the concept from theory.</li> </ul>

**Department of Botany****Programs offered: B.Sc. Chemistry (2013 Pattern)**

Sr. No.	Program	Program Objective	Program Specific Objectives
01	B.Sc. Botany	<p><b>PO1. Critical Thinking:</b> The curriculum Made for the betterment of the students, enhance the ability and Thinking power.</p> <p><b>PO2. Effective Communication:</b> the complete medium of program is in English, so students will communicate in the same.</p> <p><b>PO3. Social Interaction:</b> Due to Continuous field visits in the interior region's students interact with the social activities for their study.</p> <p><b>PO4. Effective citizenship:</b> Being the botanist students must communicate with many people, they become more familiar as well as interactive.</p> <p><b>PO5. Ethics:</b> The subject teaches students about the ethical approach, not to cut the plants.</p> <p><b>PO6. Environment and sustainability:</b> Conservation practices are studied for sustainable development.</p> <p><b>PO7. Self -directed and lifelong learning:</b> each and every aspect of the module teacher's lifelong learning.</p>	<p><b>PS01.</b> To Provide through knowledge about from primitive to Highly evolved.</p> <p><b>PSO2.</b> To make the students aware of applications of different plants in various industries.</p> <p><b>PSO3.</b> To highlight the potential of these studies to become an entrepreneur, To equip the students with skills related to laboratory as well as field based studies. To make the students aware about conservation and sustainable use of plants. To create foundation for further Studies in Botany. To address the socio-economical Challenges related to plant sciences. To facilitate students for taking Up and shaping a successful career in Botany</p>

## Course Offered

Sr. No.	Course	Course Outcomes
<b>01</b>	<b>F.Y.B.Sc Botany I Semester-I BO.111 Plant life and Utilization I</b>	<ul style="list-style-type: none"> <li>● Recognize the major group of non-vascular plants.</li> <li>● Understand the diversity among the non-vascular plants.</li> <li>● At ease with the general features, Classification, life cycle pattern in non-vascular plants.</li> </ul>
	<b>F.Y.B.Sc Botany II Semester-I BO.112 Plant morphology and anatomy.</b>	<ul style="list-style-type: none"> <li>● Understand plant morphology.</li> <li>● Understand basic of floral morphology.</li> <li>● Understand how plant morphology relates to plant reproduction.</li> <li>● Understand significance of morphology modification of plant parts.</li> <li>● Identify various plant tissue and tissue system.</li> <li>● Understand the relation between form, structure and function of plant organs.</li> <li>● Differentiate between stem and root on the basis of internal organization.</li> </ul>
	<b>F.Y.B.Sc Botany Semester-I BO.113 Practical based on BO.111&amp; BO.112</b>	<ul style="list-style-type: none"> <li>● Distinguish between different plant groups.</li> <li>● Interpreting plant morphology and anatomy.</li> </ul>
	<b>F.Y.B.Sc Botany II Semester II BO 121 Plant life and Utilization II</b>	<ul style="list-style-type: none"> <li>● Distinguish the major groups of vascular plants.</li> <li>● Understand the diversity among the vascular plants.</li> <li>● At ease with the general features, Classification, life cycle pattern in vascular plants.</li> <li>● Known the economics and ecological importance of vascular plants.</li> </ul>
	<b>F.Y.B.Sc Botany II Semester II BO. 122 Principle plant Sciences.</b>	<ul style="list-style-type: none"> <li>● Understand various physiological processes in plants.</li> <li>● Understand structure and function of plant cell.</li> <li>● Developed strong fundamentals basic for further molecular studies.</li> </ul>
	<b>F.Y.B.Sc Botany Practical BO.123 Practical based on BO 121&amp; BO. 122</b>	<ul style="list-style-type: none"> <li>● Make a thorough background for a course on plant systematics.</li> </ul>
<b>02</b>	<b>S.Y.B.Sc Botany I Semester-I BO.231 Taxonomy of Angiosperms and Plant Ecology</b>	<ul style="list-style-type: none"> <li>● To Provide thorough knowledge about various highly Evolved plant groups and their community structure.</li> <li>● Understand the concept, types, development and function of various ecosystems and their communication.</li> </ul>
	<b>S.Y.B.Sc Botany Semester-I BO. 232 Plant Physiology</b>	<ul style="list-style-type: none"> <li>● To study the different metabolic process for Synthesis of food material.</li> <li>● Understand various physiological processes in plants.</li> </ul>

	<b>S.Y.B.Sc Botany Semester –I BO. 233. Practical based on BO.231 &amp;BO. 232</b>	<ul style="list-style-type: none"> <li>• Use of modern tools to analyze the plants</li> </ul>
	<b>S.Y.B.Sc Botany Semester –I BO. 241 Plant Anatomy and Embryology.</b>	<ul style="list-style-type: none"> <li>• Internal structure will be observed for further studies as well as to study the developmental pattern of plant.</li> </ul>
	<b>S.Y.B.Sc Botany Semester –II BO 242.Plant Biotechnology</b>	<ul style="list-style-type: none"> <li>• The study of technique of multiplication and Non techniques.</li> </ul>
	<b>S.Y.B.Sc Botany Semester–II BO. 243. Practical based on BO.241 &amp; BO. 242</b>	<ul style="list-style-type: none"> <li>• To equipped the students with skills related to laboratory as well as field based studies</li> </ul>

**ARTS, COMMERCE & SCIENCE COLLEGE, ALKUTI**

ID. No. PU/AN/ACS/78/2004

College code No.757

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**Department of Zoology**

**Programs offered: B.Sc. Zoology (Credit Pattern)**

Sr. No.	Program	Program Objective	Program Specific Objectives
01	<b><u>B.Sc.</u></b> <b><u>Zoology</u></b>	Inspire the students for pursuing higher studies in Zoology and for becoming an entrepreneur and also enable students to get employed in the Biological research Institutes, Industries, Educational Institutes and in the various concerning departments of State and Central Government based on subject Zoology	To provide thorough knowledge about various animal sciences from primitive to highly evolved animal groups. To make the students aware of applications of Zoology subject in various Industries. To highlight the potential of various branches to become an entrepreneur. To equip the students with skills related to laboratory as well as field based studies. To make the students aware about conservation and sustainable use of Biodiversity. To inculcate interest and foundation for further studies in Zoology. To address the socio-economic challenges related to animal sciences. To facilitate students for taking up and shaping a successful career in Zoology.

## Courses offered

Sr. No.	Course	Course Outcomes
1	<b>F.Y.B.Sc. Zoology Paper-I Semester-I</b>	<ol style="list-style-type: none"> <li>1. The student will be able to understand classify and identify the diversity of animals.</li> <li>2. The student understands the importance of classification of animals and classifies them effectively using the six levels of classification.</li> </ol>
2	<b>F.Y.B.Sc. Zoology Paper-II Semester-I</b>	<ol style="list-style-type: none"> <li>1. The learners will be able to identify and critically evaluate their own beliefs, values and actions in relation to professional and societal standards of ethics and its impact on ecosystem and biosphere due to the dynamics in population.</li> <li>2. To understand anticipate, analyse and evaluate natural resource issues and act on a lifestyle that conserves nature.</li> <li>3. The Learner understands and appreciates the diversity of ecosystems and applies beyond the syllabi to understand the local lifestyle and problems of the community.</li> <li>4. The learner will be able to link the intricacies of food chains, food webs and link it with human life for its betterment and for non-exploitation of the biotic and abiotic components.</li> </ol>
3	<b>F.Y.B.Sc. Zoology Paper-III Semester-I</b>	<ol style="list-style-type: none"> <li>1. Recognize the live forms of vertebrates and invertebrates.</li> <li>2. Analyses and describe zoological concepts, including morphology and anatomy.</li> </ol>
4	<b>F.Y.B.Sc. Zoology Paper-I Semester-II</b>	<ol style="list-style-type: none"> <li>1. The student knows his role in nature as a protector, preserver and promoter of life which he has achieved by learning, observing and understanding life.</li> <li>2. The working in nature to save environment will help development of leadership skills to promote betterment of environment.</li> </ol>
5	<b>F.Y.B.Sc. Zoology Paper-II Semester-II</b>	<ol style="list-style-type: none"> <li>1. The learner will understand the importance of cell as a structural and functional unit of life.</li> <li>2. The learner understands and compares between the prokaryotic and eukaryotic system and extrapolates the life to the aspect of development.</li> <li>3. The dynamism of bio membranes indicates the dynamism of life. Its working mechanism and precision are responsible for our performance in life.</li> <li>4. The cellular mechanisms and its functioning depends on endo-membranes and structures. They are best studied with microscopy</li> </ol>

6	<b>F.Y.B.Sc. Zoology Paper-III Semester-II</b>	1. Explain conservation and sustainable use of animals; 2.. Explain and demonstrate the impact that animals have on human society
7	<b>S.Y.B.Sc. Zoology Paper-I Semester-I</b>	1. The students will be able to understand, classify and identify the diversity of higher vertebrates. 2. The students will able to understand the complexity of higher vertebrates 3. The students will be able to understand different life functions of higher vertebrates.
8	<b>S.Y.B.Sc. Zoology Paper-II Semester-I</b>	1. The learner understands the basics about beekeeping tools, equipment, and managing beehives. 2. The learner understands the basic information about fishery, cultural and harvesting methods of fishes and fish preservation techniques.
9	<b>S.Y.B.Sc. Zoology Paper-III Semester-I</b>	1. First-hand knowledge about identification of non- chordate and chordate specimens (fresh and preserved) along with larval forms and study of endoskeleton of vertebrates
10	<b>S.Y.B.Sc. Zoology Paper-I Semester-II</b>	1. The students will be able to understand the linkage among different groups of higher vertebrates. 2. The student will become aware regarding his role and responsibility towards nature as a protector, to understand his role as a trustee and conservator of life which he has achieved by learning, observing and understanding life.
11	<b>S.Y.B.Sc. Zoology Paper-II Semester-II</b>	1. The learner understands the biology, varieties of silkworms and the basic techniques of silk production. 2. The learner understands the types of agricultural pests, Major insect pests of agricultural importance and Pest control practices.
12	<b>S.Y.B.Sc. Zoology Paper-III Semester-II</b>	1. Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology 2. Analyse the relationships among animals, plants and microbes

**Department of Commerce****Programs offered: B.Com (Credit Pattern 2019)**

Sr. No.	Program	Course Objectives	Program Specific Outcomes
1.	Financial Accounting	1.To impart the knowledge of various accounting concepts.	1. After completion of this course students will aware about various accounting concepts and accounting standards.
		2. To instil the knowledge about accounting procedure, methods and techniques	2. Students will aware about the basic course in tally.
		3 To acquaint them with practical approach to accounts writing by using software package.	3. Students will get ideas about the various accounting concepts like Amalgamation, dissolution, conversion and the basic concepts related royalty.
2.	Business Mathematics and Statics	1.To prepare for competitive examination	1.After studying this paper students will able to understand the basic concepts regarding Business math.
		2. To understand the concept of simple interest, compound interest and the concept of EMI	2. Students will well prepare for the competitive exam
		3.To understand the concept of shares and to calculate dividend	3. Students will able to calculate the various calculations like simple interest, compound interest and the other terms related with busi. Math.
		4.To understand the concept of population and sample	
		5.To use frequency distribution to make decision	
		6.To understand and calculation of various types averages and variations	
3	Marketing and Salesmanship	1.To create awareness about market and marketing	1.After completion of the program students are understand the basic knowledge of market and marketing.
		2. To establish link between commerce and marketing	2.Students are understand the marketing philosophy and able to generate ideas about marketing research
		3.To understand the basic concept of marketing	3. After getting the knowledge of marketing students are able to plan

			the marketing strategy
		4.To understand marketing philosophy and generating ideas for marketing research	
		5.To know the relevance of marketing in modern competitive world	
		6.To develop an analytical ability to plan for various marketing strategy	
4.	Banking and Finance	1.To acquaint the students with the fundamentals of banking.	1 This course provides students with a broad understanding of international monetary systems and banking with a specific focus on the effects of financial markets and trade balances on international trade and the analysis of regions, countries and markets for international trade.
		2.To develop the capability of students for knowing banking concepts and operations	2 Students are encouraged to analyse and consider international financial management decisions and are taught tools and methodologies to employ as global managers to mitigate risk and take advantage of opportunities in the marketplace.
		3. To make the students aware of banking business and practices.	
		4. To give thorough knowledge of banking operations.	
		5. To enlighten the students regarding the new concepts introduced in the banking system.	
5	Business Environment and entrepreneurship	1. To make the students aware about the Business Environment.	1. After completion of the course students are aware about the business environment and entrepreneurship
		2. To create entrepreneurial awareness among students,	2. Students will get proper idea about business and entrepreneurship.
		3. To motivate students lo make their mind set for taking up entrepreneurship as career.	

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

Sr. No.	Program	Course Objectives	Program Specific Outcomes
1.	Business Communication	1. To understand the concept, process and importance of communication.	1. Apply business communication strategies and principles to prepare effective communication for domestic and international business situations.
		2. To develop awareness regarding new trends in business communication.	2. Identify ethical, legal, cultural, and global issues affecting business communication.
		3 To provide knowledge of various media of communication.	3. Utilize analytical and problem solving skills appropriate to business communication.
		4. To develop business communication skills through the application and exercises.	4. Participate in team activities that lead to the development of collaborative work skills.
			5. Select appropriate organizational formats and channels used in developing and presenting business messages.
			6. Compose and revise accurate business documents using computer technology.
			7. Communicate via electronic mail, Internet, and other technologies.
			8. Deliver an effective oral business presentation.
2.	Corporate Accounting	1.To make aware the students about the conceptual aspect of corporate accounting	1. After completing the syllabus of this course students will aware about the conceptual aspect of corporate accounting
		2.To enable the students to develop skills for Computerized Accounting	2. Students will aware about accounting standard and

			computerized accounting practices.
		To enable the students to develop skills about accounting standards	
3.	Business Management	1·To provide basic knowledge & understanding about business management concept.	1. After studying this subject student will able to understand the basic concepts regarding the business management
		2· To provide an understanding about various functions of management.	2. Students will able to understand the functions of management and its applications.
4.	Elements of Company Law	1· To impart students with the knowledge of fundamentals of Company Law.	3. Students will able to understand the basics of company law and its applications
		2· To update the knowledge of provisions of the Companies Act of 2013.	4. To understand the various amendments made in the company act 2013.
		3· To apprise the students of new concepts involving in company law regime.	5. After getting the knowledge students will able to work out as per company act 2013.
		4· To acquaint the students with the duties and responsibilities of Key Managerial Personnel.	
		5· To impart students the provisions and procedures under company law.	
5.	Costing-I	To Impart The Knowledge Of:	1. After studying this subject student will get knowledge about the basic concepts of cost and the elements of cost.
		1. Basic Cost concepts.	2. Students will able to know the various terms of basic costing like labour , Material and overheads in direct and indirect.
		2. Elements of cost.	
		3.Ascertainment of Material and Labour Cost.	

## Program Offered:T.Y.B.Com

Sr. No.	Program	Course Objectives	Program Specific Outcomes
1.	Business Regulatory Framework	1.To acquaint students with the basic concepts, terms & provisions of Mercantile and Business laws	1.After studying this students will able to understand the basic concepts of law in respect of mercantile and business
		2. To develop the awareness among the students regarding these laws affecting business, trade, and commerce.	2. After the study students will aware about the effects of this law on the business.
2.	Advanced Accounting	1.To impart the knowledge of various accounting concepts	1. Students will able to understand the various accounting concepts
		2. To in still the knowledge about accounting procedures, methods and techniques.	2. Students will able to follow the computerized accounting practices
		3. To acquaint them with practical approach to accounts writing by using software package.	3. They will able to clear the accounting standard and its applications
3.	Indian and Global Economic Development	1. To expose students to a new approach to the study of the Indian Economy.	1.After studying this students will able to analyse the the present status of Indian Economy
		2. To help the students in analysing the present status of the Indian Economy.	2.Students will able to make difference with the Economy of the world
		3. To enable students to understand the process of integration of the Indian Economy with other economics of the world.	3.Students will get the ideas about the various term like Balance of payment, balance of trade and other concepts belonging to the foreign trade
		4.To acquaint students with the emerging issues in policies of India's foreign trade.	
4.	Auditing and Taxation	1. To acquaint themselves about the concept and principles of Auditing, Audit process, Assurance Standards, Tax Audit, and Audit of computerized Systems.	1. Students will able to follow the various functions of HRD
		2. To get knowledge about preparation of Audit report.	2.Application of functions of Marketing
		3. To understand the basic concepts and to acquire knowledge about Computation of Income, Submission of Income Tax Return, Advance Tax, and Tax deducted at Source, Tax Collection Authorities under	3. Applications of functions of Business Enterprises.

		the Income Tax Act, 1961.	
5	Banking and Finance II	1· To acquaint the students with Financial Markets and its various segments.	1. Students will aware about the various segments of financial markets and its applications
		2·To give the students and understanding of the operations and developments in financial markets in India.	2. Students will able to play actual role in the financial institutions in the Indian Economy
		3· To enable them to gain an insight into the functioning and role of financial institutions in	
6	Costing II	1· To provide Knowledge about the concepts and principles application of Overheads	1. Students will understand the the basic concepts of overheads and its applications
		2·To provide also understanding various methods of costing and their applications.	2. Students will understand the various costing methods like job costing, contract costing, service costing and process costing etc.
7	Banking and Finance III	1·To acquaint the students with Banking Law and Practice in relation to the Banking system in India	1 To familiarize the Banking Laws and Practice in correlation to the Banking System in India.
		2·To understand the legal aspects of Banking transactions and its implications as Banker and Customer.	2 To understand the legal aspects of Banking transactions and its implication as a Banker and as a customer.
		3·To make the Students aware of the Banking Law and Practice in India	3 To familiarize the students with the Banking Laws and Practices in India.
8	Costing III	1. To impart knowledge regarding costing techniques.	1.Students will understand the basic function of finance and various function of production department
		2. To provide training as regards concepts, procedures and legal Provisions of cost audit.	2. Understand the concept of cost accounting and cost accountancy.
			3. Apply costing techniques in Agricultural sector.
			4. Understand the uniform costing and Interfere comparison.
			5. Acquire the knowledge of cost accounting standards.
			6. Understand the estimated and actual cost.

## Outcome of M.Com

Sr. No.	Subject Name	Outcome M.Com
1	Strategic Management (102)	Conceptual Clarity on Strategic management
		Development effective Strategy formulation and analytical ability and Skills to design Strategic Plan
		Development of Applicability skills and Technical skills
		Development of Technical and Analytical abilities
2	Financial Analysis & Control (201)	Application of IT for financial analysis
		Generate interest among students to use and apply Excel as a tool for financial analysis.
		Learn to analyze and identify financially strong and weak companies
		Develop needed understanding and use of various ratios for financial analysis.
3	Industrial Economics (202 A)	Will get an overview of industrial economics
		Will know about the concepts used in industrial economics
		Students will understand the theories of industrial location
		Students will know about industrial imbalance in India
		Students will know about industrial productivity and efficiency
		Students will know about industrial productivity size of firms etc.
4	BusinessFinance (301)	Students will be able to understand the role and importance of corporate Finance, and learn the calculation value of money.
		Students will be able to understand the financial planning, theories of capitalization and estimation of finance need of firm.
		Students will be able to learn the sources of finance to be tapped for running business Successfully.
		Students will be able to apply best practice in working capital Management.
5	Research Methodology For Business (302)	Understanding of basic knowledge of Business Research, Research Process, ethical issues and modern practices in research.
		Learning the formulation of Research Problem, Hypotheses, Research Design and Sampling
		Gaining knowledge of Sources of Data Collection Measurement & Scaling, Processing of Data
		Understanding the procedure of Research Report and mode of citation and bibliography
6	Foreign Exchange (315)	Students will be able to understand the role of foreign exchange market and types of trade performed in it.
		Students will be able to know the role of intermediaries in foreign exchange market, types of accounts of NRI in banks.
		Students will be able to understand finance trade and documents required while raising forex finance for business.
		Students will be able to acquaint with the methods of financing of foreign trade and role of EXIM bank.
7	International Finance (316)	Students will be able to learn the working of international banking and money market and role of RBI in this regard.
		Students will be able to expose to international debt and equity market.
		Students will be able to understand the working of exchange rate regime with latest trends.
		Students will be able learn the role of international financial institutions in financing the infrastructure projects, health and education sector in developing countries. Student may understand the importance of BRICS groups and its bank.
8	Capital Market	Students will be able to learn the importance and working of capital market.

	and Financial Services (401)	Student will be able to understand the working of BSE and NSE, and OTCEI in detail
		Students will be able to know the role of inter-mediatories, Mutual funds. Portfolio management.
		Students will be able to know the role of SEBI in regulating stock exchanges and investors' education, Financial advisors
9	Industrial Economic Environment (402)	Will understand the impact of economic and non – economic factors affecting industrial environment
		Will understand role of various types of industries in India like small scale industries, public sector industries, MNCs etc
		Critically evaluate industrial polices in India
		Analyze the impact of new industrial policy adopted by India.
		Will understand role, progress and problems of manufacturing and service industries in India
10	Recent Advances in Banking and Finance (415)	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.
		Students shall learn recent development in money market and inclusion of modern debt instruments.
		Students will understand the Recent developments took place in Indian Capital Market.