



**OFFICE OF THE PRINCIPAL
GOVERNMENT COLLEGE FOR WOMEN MAHENDERGARH,
HARYANA (123029)**

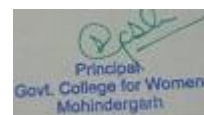
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**Metric 2.6.1
Program Outcomes (POs) and Course Outcomes (COs)**

The college follows the Program Outcomes (POs) and Course Outcomes (Cos) for all Programs as delineated in the syllabus of the affiliated university. The soft copy of the syllabus is uploaded on the college website, while the hard copies of the syllabus remain available in all the departments for ready references of teachers and students. The faculty members articulate the learning objectives and the expected outcomes for each course at the beginning of both the odd and even semesters. This helps the students appreciate various topics being covered in the class as they realize their importance and relevance.

The thrust of the programs and the courses are also explained, in detail, at the time of Induction Program at the start of the session. This induction Program is conducted by the college to make the students well-versed with the various programs and courses offered by the college as also their outcomes. They are also told about various job opportunities available after the successful competition of these programs and courses. Doubts, if any, are explained and cleared and the students are also encouraged to opt for the programs and courses in which they are genuinely interested so that they can really do justice and enjoy the profession they may go in for.



Principal
Govt. College for Women
Mahendergarh

(NAAC In-Charge)

**Principal
Govt. College for Women,
Mahendergarh**

Proofs:

- POs & Cos of all courses.

Government College for Women, Mahendergarh

Program Outcomes

Program Outcomes of Bachelor of Arts (B.A.) Pass-course

B.A. Program provides an education in variety of contexts. This program offers a rich variety of subjects and helps to understand how cultural, historical, geographical, political, linguistic, and environmental forces shape the world and recognize the role of the individual within communities to effect change. The program also incorporates a variety of modes of learning and teaching.

1. The students acquire knowledge in the field of social sciences, literature and humanities which make them sensitive and sensible enough.
2. The B.A. graduates will be acquainted with the social, economic, historical, geographical, political, ideological and philosophical tradition and thinking.
3. The program also empowers the graduates to appear for various competitive examinations or choose the post graduate Program of their choice.
4. The B. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.
5. The students will be ignited enough to think and act over for the solution of various issues prevailed in the human life to make this world better than ever.
6. Program provides the base to be the Critical temper, Creative ability, , Sense of social service responsible and dutiful citizen.
7. Program lays particular emphasis on human values. Students after getting the undergraduate degree will be better able to appreciate the literary and cultural diversity. It equips them to think critically about the issues of contemporary relevance.

Course Outcomes

Compulsory English (B.A.)

After studying this English course, the students will be able to

- To enable the students acquire communication fluency.
- To enhance the linguistic translation and vocabulary skills.
- To develop command on the subject through various activities and competitions.
- To acquaint the students with cultural and behavioral approaches for global competence.
- To develop the intellectual, personal and professional abilities
- To make become aware of different communication skills and develop among them an ability to effectively communicate in English, both in written and spoken mode.
- Students are encouraged and enabled to read various types of texts on their own and discuss them among peers.
- Students are introduced to the grammatical properties in order to enable them to write and speak English consciously.
- It strengthens ability in listening, reading, writing and speaking both at practical and theory level.
- It helps the students to understand the creative resources of language in Poetry, drama, Fiction, Prose and how it expresses the human experiences.
- To help them apply critical, analytical framework to analyze cultural, historical background of texts written in English.
- It helps in developing the quality of thinking and imagination, a step towards making them realize a better human being.
- B.A. English (SEM-1) Essays- Contain inspirational Contents about various mythological and scientific concepts about origin of universe, culture, scientific development and moral ethical learning and offer scope for effective spoken and writing skills.
- B.A. English (SEM-2) Stories- offer interaction with life in various phases and cultural and economic backgrounds and scope for grammar learning and application for developing effective writing ability.
- B.A. English (SEM-3) "Poetry" offers interaction to forms of Poetry, stanza forms and various poetic styles and offers ample scope in building up aesthetic rhyming skills and communication skills.
- B.A. English (SEM-4) One Act plays offer glimpse of life and render effective training in coping up with precarious situations in life.
- B.A. English (SEM-5) Fiction has the novel Kanthapura in the syllabus which offers interaction to Indian writing in English and India's political, economic and social history in pre independence times and role of Gandhian ideology and awakening in tackling

exploitation of colonial rulers.

- B.A. English (SEM-6) Drama has „The Merchant of Venice“ in the syllabus and it sensitizes the students regarding prevailing religious conflicts and promoting sense of sacrifice for promoting friendship and fighting inhumanity and cruelty.

Compulsory Hindi (B.A.)

बी. ए. हिन्दी
पाठ्यक्रम परिणाम

बी. ए. पाठ्यक्रम (हिन्दी) से छात्र निम्नलिखित क्षेत्रों में सक्षम होंगे :-

1. हिन्दी भाषा को हमारे देश में राष्ट्रभाषा, राजभाषा, मानक भाषा तथा सम्पर्क भाषा का दर्जा प्राप्त है इस सबसे ऊपर यह देश की अन्य भाषाओं को जोड़ने में मुख्य भूमिका निभाती है। इसलिये यह पाठ्यक्रम छात्राओं के दृष्टिकोण को विकसित करने में, जिम्मेदारियों को निभाने तथा उनमें आत्मविश्वास जगाने में सहायक है।
2. यह पाठ्यक्रम भावी पीढ़ियों को साहित्यिक संस्कार देकर उन्हें राष्ट्र के स्वस्थ नागरिक बनाने में सक्षम है।
3. यह पाठ्यक्रम छात्राओं में सामाजिक, सांस्कृतिक एवं राष्ट्रीय चेतना जाग्रत करने में सहायक है।
4. छात्राओं के बौद्धिक विकास के साथ-साथ उनके रचनात्मक कौशल, लेखन कौशल व पठन कौशल के विकास में सहायक होगा।
5. पाठ्यक्रम छात्राओं की चेतना शक्ति के निर्माण एवं काव्यात्मक संस्कार युक्त बनाने में सहायक होगा।

बी० ए० प्रथम वर्ष

प्रथम सेमेस्टर

हिन्दी अनिवार्य

पाठ्यक्रम परिणाम :-

1. पूर्व मध्यकालीन कवियों कबीरदास, सूरदास, तुलसीदास, मीराबाई आदि के आराध्य एवं भक्ति संबंधी ज्ञान व भावों से अवगत कराना।
2. उत्तर मध्यकालीन (रीतिकालीन) शृंगारिक कवि बिहारी की प्रेम भावना एवं मुक्तक काव्यधारा के कवि चनानंद की विरह वेदना से अवगत करवाना।
3. हिन्दी साहित्य के इतिहास लेखन परम्परा, आदिकाल के नामकरण एवं आदिकालीन परिस्थितियों से अवगत करवाना।
4. काव्यशास्त्र के अन्तर्गत काव्य के तत्त्व, रस के स्वरूप और अंग, रस के भेद, अलंकार, छन्द, शब्द शक्ति, काव्य गुण आदि का काव्य साहित्य में महत्त्व से अवगत करवाना।

पाठ्यक्रम के विशिष्ट परिणाम :-

1. छात्रों को हिन्दी साहित्य के इतिहास लेखन परम्परा का ज्ञान होगा।
2. आदिकाल के नामकरण की समस्या पर विभिन्न साहित्यकारों द्वारा दिए गए नामों से अवगत होंगे।

छात्रासं आदिकालीन परिस्थितियों से अवगत हो सकेंगी।

4. छात्रासं पाठ्यक्रम में निर्धारित काव्यशास्त्र को जान सकेंगी।

बी०ए० प्रथम वर्ष
द्वितीय सेमेस्टर
हिन्दी अनिवार्य

पाठ्यक्रम परिणाम : —

1. नाट्यसाहित्य के माध्यम से छात्राओं में प्राचीन भारतीय संस्कृति के गौरव से परिचित करवाने के साथ-साथ देश-भक्ति एवं देश-प्रेम की भावना उत्पन्न करना।
2. पाठ्यक्रम में संकलित नाटक के माध्यम से छात्राओं में नारी के अधिकारों और उसकी स्वतंत्रता से अवगत करवाना।
3. भक्तिकाल की परिस्थितियों एवं निर्गुण एवं सगुण काव्यधारा की उपशाखाओं से अवगत करवाना।
4. हिन्दी साहित्य के स्वर्णयुगीन कवियों के साहित्य का परिचय करवाना।
5. छात्राओं में व्यावहारिक हिन्दी के प्रति रुचि पैदा करना।

कार्यक्रम विशिष्ट परिणाम : —

1. छात्राओं को भारतीय सभ्यता एवं संस्कृति से जोड़कर रखना।
2. व्यावहारिक हिन्दी द्वारा छात्राओं को हिन्दी व्याकरण की

छात्राओं की वर्तनी एवं वाचन संबंधी कौशल की योग्यता में वृद्धि होगी।

4. छात्राओं को दर्शन एवं आध्यात्म के बारे में जानकारी होगी।

बी. ए. द्वितीय वर्ष
तृतीय सेमेस्टर
हिन्दी अनिवार्य

पाठ्यक्रम परिणाम : —

1. आधुनिक हिन्दी काव्यधारा के विभिन्न कवियों की कविताओं से हमारे देश की सामाजिक - सांस्कृतिक पृष्ठभूमि के दर्शन होते हैं।
2. छात्राओं को साहित्यिक संस्कार प्राप्त होंगे।
3. छात्राओं के लिए राष्ट्रीय चेतना का आदर्श सिद्ध होगा।
4. रीतिकालीन पृष्ठभूमि को जानने के साथ-साथ छात्र रीतिबद्ध, रीतिसिद्ध एवं रीतिमुक्त काव्यधारा के कवियों के काव्य से परिचित होंगे।
5. वर्तमान समय में कम्प्यूटर की उपयोगिता, संरचनात्मक स्वरूप एवं महत्व की जानकारी देना।
6. हिन्दी कम्प्यूटिंग तथा अनुवाद-संजन-संचार के क्षेत्र की उपयोगिता के बारे में छात्राओं में रुचि पैदा करना।

कार्यक्रम विशिष्ट परिणाम : —

1. छात्रों को काव्य के तत्वों (भाव, कल्पना, बुद्धि एवं शैली) की जानकारी प्राप्त होगी।
2. कम्प्यूटर की सहायता से ज्ञान-विज्ञान, शिक्षा एवं व्यवसाय के क्षेत्र में नए आयाम स्थापित होंगे।
3. इंटरनेट की जानकारी प्राप्त होगी।

बी. ए. द्वितीय वर्ष
चतुर्थ सेमेस्टर
हिन्दी अनिवार्य

पाठ्यक्रम परिणाम : —

1. कहानियों के माध्यम से सामाजिक - राजनीतिक और आर्थिक सवालों के साथ-साथ गांधीवादी दर्शन से परिचित करवाना।
2. कहानीकारों की काव्यगत संवेदना और शिल्पगत विधान को समझने में समर्थ बनाना।
3. कहानियों के माध्यम से गौरवमयी भारतीय संस्कृति को अनुकरणीय उदाहरण के रूप में छात्रों के सामने प्रस्तुत करना।
4. आधुनिक काल में गद्य के उद्भव और विकास के साथ-साथ गद्य साहित्य की विभिन्न विधाओं की जानकारी करवाना।

परिभाषिक शब्दावली के अर्थ व स्वरूप के बारे में बताते हुए दैनिक जीवन में इसकी उपयोगिता की जानकारी देना।

कार्यक्रम विशिष्ट परिणाम :—

1. बौद्धिक एवं सृजनात्मक विकास होता है।
2. भारतीय इतिहास की जानकारी प्राप्त होती है।
3. गद्य एवं पद्य में यथार्थ एवं कल्पना का मिश्रण होता है। जिससे छात्राओं में भाव एवं कल्पना शक्ति का विकास होता है।
4. आधुनिक तकनीकी शब्दावली के अन्तर्गत भाषा एवं विज्ञान का पारस्परिक संबंध का पता चलता है।

बी. ए. तृतीय वर्ष
पाँचवाँ सेमेस्टर
हिन्दी अनिवार्य

पाठ्यक्रम परिणाम :—

1. छात्रों को समकालीन हिन्दी कविता के कवियों से परिचित करवाना।
2. कविताओं के अध्ययन से छात्राओं को भारतीय - सभ्यता एवं संस्कृति तथा जीवन मूल्यों की जानकारी करवाना।
3. आधुनिक हिन्दी कविता के क्रमिक विकास तथा आधुनिक हिन्दी साहित्य की पृष्ठभूमि की जानकारी प्रदान करते हुए छात्राओं का जानकारी देना।
4. पत्र लेखन, पल्लवन व संक्षेपण के द्वारा छात्रों की कल्पनाशक्ति एवं लेखन कौशल का विकास करना।

कार्यक्रम विशिष्ट परिणाम :-

1. साहित्य समाज का दर्पण होता है, समाज साहित्य का और साहित्य समाज को अवश्य ही प्रभावित करता है। अतः साहित्य को पढ़कर छात्राएं प्रभावित होंगी।
2. साहित्य मधार्थ एवं कल्पना का मिश्रण होता है तो छात्राएं अपनी सृजन शक्ति का विकास कर सकेंगी।
3. विचार शीलता बढ़ती है।

बी.ए. तृतीय वर्ष
छठा सेमेस्टर
हिन्दी अनिवार्य

पाठ्यक्रम परिणाम :-

1. नव्यतर गद्य विद्याओं निबंध, संस्मरण, यात्रा वृत्त आदि की विस्तृत जानकारी छात्राओं को प्रदान करना।
2. इन गद्य विद्याओं के माध्यम से छात्राओं को राष्ट्र तथा समाज की सम्यक्ता एवं संस्कृति की जानकारी देना।
3. समाज में व्याप्त बुराइयों के प्रति जागरूक करना।
4. हरियाणवी बोली के उद्भव, विकास एवं साहित्य की जानकारी प्रदान करना।
5. हरियाणवी बोली के साहित्यकारों की विस्तृत जानकारी करवाना।
6. तकनीक विज्ञान एवं हिन्दी प्रसारिता के बारे में जानकारी प्रदान करना।

कार्यक्रम विशिष्ट परिणाम :—

1. हरियाणवी साहित्य के अध्ययन से छात्रासं अपने परिवेश एवं लोक संस्कृति से परिचित होगी।
2. गद्य साहित्य की विभिन्न विधाओं की जानकारी प्राप्त होगी।
3. इलेक्ट्रॉनिक मिडिया, पत्रकारिता एवं प्रिंट के महत्व की जानकारी प्राप्त होगी।
4. हरियाणवी बोली के गद्य साहित्य से छात्रासं की विभिन्न शैलियों की जानकारी मिलेगी।

बी० ए० हिन्दी

कार्यक्रम विशिष्ट परिणाम

पाठ्यक्रम पूर्ण होने पर छात्रासं में निम्नलिखित योग्यता का विकास होगा :—

1. भारतीय काव्यशास्त्र को जान सकेंगी।
2. रचनात्मकता एवं कल्पनाशक्ति के विकास से छात्र जीवन नए आयाम स्थापित कर सकेंगी।
3. नैतिक एवं मानवीय मूल्य मजबूत होने के साथ-साथ छात्र राष्ट्र एवं समाज के प्रति अपने कर्तव्यों को जान सकेंगी।
4. हिन्दी भाषा के साहित्य को जानने के पश्चात् छात्र उच्चतर शिक्षा के लिए अग्रसर होंगे।
5. आध्यात्मिकता की ओर झुकाव होगा।
6. समीक्षात्मक चिन्तन का विकास होगा।

Economics (B.A.)

B.A Economics Micro Economics 1st and 2nd Semester

- Demonstrate understanding of basic concepts of Business Economics.
- Analyse the Consumer behavior through different approaches.
- Carry Out the consumer behavior under different types of goods.
- Analyse the Consumer Behavior under Certainty and Uncertainty.
- Demonstrate the Concept of Production function i.e.to analyses the economic behavior of producer and Concept related to it.
- Explain the economic behavior of Market in different types of market structure.
- Critically assess the theories and model related to market.
- Explain the concept of cost and how it affects firm's decision.

B.A 3rd and 4th Semester Macroeconomics

- Demonstrate the basic concepts of macroeconomics and its various variables.
- Carry out the accounting of national income using various methods.
- Understand about various school of thoughts related to macroeconomics.
- Explain Conceptual knowledge about Investment and its various theories.
- Demonstrate the basic understanding about Money Demand and its related concepts.
- Explain about Money Supply and role of Central bank.
- Carry out the analysis of Monetary and Fiscal Policy of India.
- Explain the concept of Inflation and how it affects economy.

B.A 5th and 6th Semester Development and International Economics

- Understand the concept of economic, economic growth and sustainable development.
- Explain the methods of measuring economic inequality and poverty.
- Analyze the economic contribution of some classical economists in growth theories.
- Understand the implacability of some very critical growth models in economic development so far.
- Understand and compare some growth models with each other for some betterment of economic growth models.
- Analyze the role of education, learning and skill in human capital formation.
- Explain the role of technological progress in a country.

- Explain balanced and unbalanced model of development.
- Understand the concept of international trade. Theory of international trade, Concept of BOP and Foreign Exchange.
- Critically Evaluation of International Organization i.e. IMF, WTO, IBRD BRICS.

History (B.A.)

- **B.A (Sem-I):** History of India (from earliest times -1200 A.D.), Sources of ancient India, Harppan civilization, Vedic Age, Religious movements, Mauryan and Gupta Empire.
- **B.A (Sem-II):** History of India (1200 A.D. to 1707 A.D.), Delhi Sultanate, Mughal Empire, Administrative Institutional, Bhakti movement, Sufi movement.
- **B.A (Sem-III):** History of India (1707 A.D. to 1947 A.D.), Disintegration of Central authority, Revolt of 1857, Indian cultural renaissance, British land revenue policy, National freedom movement (1885-1947), Constitutional Development 1909 to 1935.
- **B.A (Sem-IV):** History of Haryana (from earliest times to 1947 A.D.), sources of Haryana, Kurus, Yaudhyas and Agras, Revolt of 1857, Arya Samaj, Freedom movement in Haryana.
- **B.A (Sem-V):** Ancient and Medieval world, pre-Historic cultures, Bronze age civilization, Iron Age, Federalism, Islamic world, Reformation.
- **B.A (Sem-VI):** Mercantilism and beginning of capitalism, Agricultural Revolution, French Revolution, First and Second world war.

Political Science (B.A.)

Sem-01: Indian constitution

- Useful for the competitive exams like UPSC, HPSC, and SSC etc.
- We get the knowledge of fundamental duties & rights.
- We also get the information about Union, state executives, legislature & judiciary.

Sem-02: Indian Politics

- We get to know about our elections & EVM machines.
- We found the information about our MLA's & MP's jobs & responsibilities.
- It's also important to know about the roles & responsibilities of our state & central ministers. Useful in competitive exams.

Sem-03: Principles of Political Science –I

- Get the knowledge of state, its elements, origin & its development.
- Found the information regarding the distinction between state & society.
- It also provides the information about sovereignty, its nature & kinds.

Sem-04: Principles of Political Science –II

- We get to know about right to information and consumer protection.
- Also get the knowledge of nation, nationalism & citizenship.
- Find the information about rights, liberty & equality.

Sem-05: Comparative Politics

- We get to know about the voting behavior of country.
- It provides us the information about structural functions & political development approaches.
- Also find the knowledge about constitutionalism.

Sem-06: Comparative constitutions of UK & USA

- Students get to know about the comparative study of UK & USA for their government & constitutions.
- We get to know about the rules of Govt. making in other countries like UK & USA.
- We can get comparative elements of constitutions of UK & USA.

- Useful in competitive exams as well.

Geography (B.A.)

The syllabus of geography for undergraduate course has been divided into six semesters through which different theories and practical papers have taught to the students to enhance their knowledge about subjects.

Semester 1st – Geography of India

- During 1st semester theory paper of Geography of India and practical paper Map and Scales teaches to the students. The basic objectives of theory paper are to develop the comprehensive understanding of the geographical profile of India.
- The roll of geographical attributes in determining social and economic structure of country has very much significant.
- The overall outcome of this course is to enable the students to enhance the basic understanding about physical and cultural features of our country.
- Whereas if you talk about practical paper, this course aimed to provide the basic understanding of particular technique of drawing, cartograms, maps to show various natural and socioeconomic attributes of a region.

Semester 2nd – Physical Geography-I

- The knowledge of physical Geography has given to students during 2nd semester.
- The main objective of this course is to introduce the students the basic and fundamental concepts of physical geography and geomorphology.
- In this semester practical paper Representation of Physical Features has been introduced aiming with to provide basic understanding about structure of Topographical maps and representation of geographical features through various techniques on maps to students.

Semester 3rd – Physical Geography-II

- Climatology and Oceanography are two important branches of Physical geography have been taught to the students during this semester.
- The major objectives of this course are to enhance the basic understanding about structure of atmosphere and its circulation, weather, climate and other associating phenomena.
- The origin movements and configuration of oceans are also covered in this semester.
- Where as in practical paper Representation of climate data, the students would be unable to acquaint themselves about the different instruments to measuring various weather elements and methods to represent them on the plain paper.

Semester 4th - Human Geography

- During 4th semester the theory paper Human Geography has been introduced and the main aim of this course is to acquaint the students with basics of human geography- nature of man environment relationship and human capability to adopt and modify the environment under its various conditions from primitive life style to modern living; to identify and understand environment and population in terms of their quality and spatial distribution pattern and to comprehend to contemporary issue facing global community.
- In practical paper Map Projection, the students have to enable to understand various methods of map making and types of map projection. Map projections are necessary for accurate transformation of 3-D surface.
- The basic aim of this course it to develop basic understanding of maps and selection of suitable projection for them.

Semester 5th - Economic Geography

- In their 5th semester, students have to learn about Economic geography, one of the major branches of human geography.
- The main objective of this course it to introduce the students about basic concepts of economic geography, types of economic activities and its determinants, various recourses which were used by human being through various methods and means.
- Where as in practical paper, distribution maps and diagrams, the main objective of this course is to provide the students about basic understanding and representation of map making for the distribution of various geographical elements.

Semester 6th – Remote Sensing, GIS & Quantitative Methods

- The theory paper „Introduction to Remote Sensing, GIS and Quantitative methods“ has been introduced in last semester of UG course.
- The aim of this course is to introduce the students to modern technology i.e. remote sensing its basic concepts and digital satellite imageries, data set and their application.
- The students have to learn different statistical methods that will be very fruitful for them. In practical paper the aim of this course is to acquaint the students about aerial photograph and satellite imageries, their process and methodology and also familiarize the students with importance of field work in geography, its type and related requirement and procedure.

Public Administration (B.A.)

- Understanding the elements of Public Administration.
- Critical thinking and communication skills as applied to the public and private sectors.
- Knowledge about the evolution and growth of Indian Administration.
- Familiarity with the constitutional framework on which Indian Administration is based.
- Useful for the competitive exams like UPSC, HPSC.
- We also get information about the Union, state executives, legislature & judiciary.
- Develop understanding of Local govt.
- Analysis types of Budget and process
- Developing leadership qualities at grass root level via the Panchayati Raj system.

Semesters 1 & 2 - Elements of Public Administration

- Student will be able to awareness about the evolution and growth of the discipline of Public Administration.
- Students will learn about the basic principles and approaches of Public Administration.
- Students will acquire theoretical clarity of basic concepts and basis principles of organization
- Student will gain knowledge about the forms of Organizations: Formal and Informal
- Students will learn about UPSC&HPSC.
- Students will acquire Knowledge about role of PAC, Estimate Committee and CAG in Parliamentary control over Public finance.
- Develop understanding among students about Recent Trends in Public Administration and Good Governance.

Semesters 3 & 4 - Indian Administration

- Students able to get Knowledge about the evolution and growth of Indian Administration and it also respond to the problems confronting Indian Society. Familiarity with the constitutional framework on which Indian Administration is based.
- Grasping the role of Union & State Executive, legislature & Judicial and Quasi Judicial system. Understanding the in-built control mechanisms over constitutional bodies in particular and administration in general.
- Delineating the constitutional provisions and dynamics of union -state relationships.
- Awareness about the institutions and mechanism in force for citizen-state interface.
- Get knowledge about Personnel Administration and Financial Administration and District Administration in Indian Context.

- Awareness of the basic governing system as well as development measures.
- Knowledge about the civil service in Indian administration.

Semesters 5 & 6 - Local Government (Urban & Rural)

- Students will be able to: describe the Rural & Urban local self -government (Panchayati Raj system); explain the features and functions of local government at the village, block and district levels and Municipal bodies .
- Develop local leadership.
- Exhibit the efforts for rural and urban development.
- Apply management and theory at the local level.
- Awareness of the basic governing system as well as development measures.
- Conceptualization of the developmental process at the top to bottom and in between.
- Acquiring the theoretical knowledge and understanding of the evolution and growth of local government in India with special reference to 73rd and 74th Constitutional Amendment Acts.
- Connecting the role and relationships of rural and urban local democratic decentralized institutions with other related issues, institutions and their personnel.
- Understanding the structure and working of rural and urban development Programs.
- Deep understanding of MGNREGA & ICT with rural development .

Music Vocal (B.A.)

- Students will be able to demonstrate practical and the oretical knowledge about ragas and talas.
- They also able to practice of singing of alankars and technique of playing some instruments like tanpura , Harmonium tabla and foke instruments and folk songs.
- Students will be able to create employment opportunities by original music.
- The course out comes will relieves stress of students.
- Students will demonstrate through solo and collaborative performance and achievement of professional, entry level competence in major performance area.
- Students will demonstrate the ability to work on and mange a team in a music industry-related projects.
- Course out comes will boost self confidence among students through cultural activities like dancing, singing.
- Students will understand and elaborate social problems through theatrical items.

पाठ्यक्रम परिणाम

• निष्ठापूर्ण संस्कृत-विज्ञान-सम्परा से अवगत हो, उत्तरेतर अतीत को जान पायेंगे

पाठ्यक्रम परिणामः

कार्यक्रम विशिष्ट परिणाम :-

- संस्कृत संभावण एवं लेखन-कला विकसित होगी।
- शिक्षा की अनिवार्यता के साथ सामाजिक एवं पारिवारिक कर्तव्यों का परिचय होगा।
- संस्कृत व्याकरण-विषयक मौखिक ज्ञान विकसित होगा।
- भाषा सुन्दर एवं प्रभावशाली होगी।

बी. ए. प्रथम वर्ष द्वितीय सत्र (संस्कृत सेविद्यार्थ)

पाठ्यक्रम परिणाम :-

- हिन्दी से संस्कृत में अनुवाद क्षमता का विकास करना।
- श्लोक सङ्ग्रहीकरण के माध्यम से छात्रों के ज्ञान एवं तात्त्विक-सौश्र्ण्य को बढ़ाना।
- महाभारतकालीन परिस्थितियों का ज्ञान कराते हुए युद्ध की विभीषिका से बचने के लिए पाण्डवों के पक्ष से श्रीकृष्ण द्वारा किये गये प्रणाली का दिग्दर्शन कराना।
- नीतिनिपुण महामन्त्री शुक्राचार्य द्वारा राजकुमार-चन्द्रपीड को दिये गये उपदेश द्वारा छात्रों से रूप, मौल्य, प्रभुता तथा श्रेष्ठत्व से उत्पन्न दोषों से सावधान रहने की शिक्षा प्रदान करना।
- छन्दों में प्रयुक्त अक्षर, अक्षरों की संख्या, मात्रा-गणना, यति-जति से सम्बन्धित विशिष्ट नियमों की जानकारी प्रदान करना।

कार्यक्रम विशिष्ट परिणाम :-

- नाट्यात्मक तत्वों के परिज्ञान के साथ तत्कालीन सांस्कृतिक परिस्थितियों का ज्ञान होना।
- शुक्राचार्योपदेश के माध्यम से छात्र गुरु के सर्वदा सर्वथा छात्रहितैषी दृष्टिकोण से परिचित होंगे।
- संस्कृत श्लोकनिर्माण कला विकसित होगी एवं गायन सहित युद्ध श्लोकोच्चारण क्षमता विकसित होगी।
- छात्र निर्दिष्ट शब्दरूपों एवं धातुरूपों की स्मरण कर अन्य अनेक शब्दों एवं धातुओं की रूपनिर्माण प्रक्रिया की जानकारी पायेंगे।

बी. ए. द्वितीय वर्ष तृतीय सत्र (संस्कृत ऐतिहासिक)

पाठ्यक्रम परिणाम :-

- 'वाचनहारसाहस्री' लिखित परीक्षा, चतुर्विंशत्, शिक्षकाः इत्यादि विषयसम्बन्धी शब्द संस्कृत वाक्यों के माध्यम से छात्र संस्कृत भाषा को पढ़ने-बोलने में सक्षम होंगे।
- महर्षि वाल्मीकीकृत रामायण के अलंकार के द्वारा छात्र श्रीराम के गुणों, उच्च आदर्शों, तत्कालीन परिस्थितियों के साथ अपने प्राचीन इतिहास से परिचित होंगे।
- तद्धित एवं लित्-उत्पत्तियों द्वारा छात्र तद्धित उत्पत्त्यान्त शब्दों के अर्थज्ञान एवं लित्-उत्पत्त्यान्त धातुओं की रूपविभक्ति प्रक्रिया को जानने में समर्थ होंगे।
- समास शान द्वारा छात्र साहित्य में प्रयुक्त मिलित एवं लीप्त शब्दों के अर्थज्ञान में सक्षम होंगे।
- छात्र हिन्दी से संस्कृतानुवाद करने में समर्थ होंगे।

कार्यक्रम निम्नलिखित परिणाम :-

- सामान्य एवं शब्द संस्कृत वाक्यों को बोलने में छात्रों का समर्थ निरूपित होगा।
- भारतीय संस्कृति में निहित उच्चार्थों, नैतिक मूल्यों एवं सामाजिक मूल्यों का परिभाषा होना।
- छात्रों के व्याकरण-विषयक ज्ञान में वृद्धि होगी।
- अध्यापकों के शब्दकोश में वृद्धि होगी, जिससे छात्रों के शब्दों की समझ में वृद्धि होगी।

जी.ए. द्वितीय वर्ष - चतुर्थ सूत्र (संस्कृत ऐच्छिक)

पाठ्यक्रम परिणाम :-

- धर्म एवं कर्मविषयक वास्तविक ज्ञान से परिचित होना।
- आत्मा - विषयक एवं स्थितप्रज्ञ - विषयक ज्ञान द्वारा समर्थ जीवन-दर्शन से परिचित कराना।
- रघुवंश की गौरवशाली वंश-परम्परा को जानते हुए सभी सुदक्षिण के साथ राजा दिलीप द्वारा की गई गौ-सेवा एवं कल-प्राप्ति-विषयक ज्ञान कराना।
- धातुओं के सीधे विभिन्न कृत्प्रत्ययों को जोड़कर अर्थपुरस्सर कृत्प्रत्ययान्त शब्दों के निर्माण में सक्षम होना।
- प्रत्याहार सूत्रों के माध्यम से इकतालीस (२५) प्रत्याहारों की निर्माण-विधि का ज्ञान एवं संक्षिप्ततया वर्णमाला का परिचय कराना।

कार्यक्रम विशिष्ट परिणाम :-

- काम, क्रोध, लोभ आदि विकारों से रहित सुखमय जीवनशैली को अपना सकेंगे।
- छात्र रघुवंश की महानता एवं महाकवि कालिदास के काव्यशैली एवं वर्णन-शैली को समझ सकेंगे।
- व्याकरणविषयक ज्ञान में वृद्धि होगी, जिससे साहित्यिक ग्रंथों के अर्थपरिचय में सहयोग मिलेगा।
- संस्कृतनिष्ठ जरूर शब्दों की अवलोकनपूर्वक ज्ञान पायेंगे।
- प्रत्याहार-परिचय द्वारा वाणिजीय-व्याकरण को समझने में आसानी होगी।

जी. ए. तृतीय वर्ष पञ्चम एवं षष्ठ सूत्र (संस्कृत ऐच्छिक)

कार्यक्रम परिणाम :-

- नाटक की स्थावरसुत के मूलस्रोत एवं पात्रों की चारित्रिक विशेषताओं को जानेंगे।
- कालिदास कृत कृतियों द्वारा कवि की कल्पनाशक्ति, उपमादि-अलंकारों के प्रयोग, व्यंग्यादी प्रकृति-चित्रण, वैसायिक शौन्दर्य-निरूपण, काव्य के भावपक्ष एवं कला-पक्ष को जानेंगे।
- वेद, ब्राह्मण, आरण्यक, उपनिषद्, मेघदूत आदि प्राचीन वैदिक साहित्य एवं लौकिक साहित्य को जानेंगे।
- पुलिन्दा शब्दों को स्वतंत्रता में बदलने की प्रक्रिया को सीखेंगे।
- काव्य की शोभाभूत अलंकारों को जानेंगे।

कार्यक्रम विशिष्ट परिणाम :-

- अभिज्ञानशाकुन्तलम् के अध्ययन से छात्र लटकलीन समाजिक मान्यताओं एवं धारातलीय दृष्टभाषी को जानेंगे।
- काव्य-रचना हेतु आवश्यक तत्वों की जानकारी मिलेगी।
- पाणिनीय-भाषाण की वैज्ञानिकता एवं संक्षिप्तता से परिचय होगा।
- समृद्ध भारतीय ज्ञान-परम्परा से परिचित होंगे।
- काव्य की विभिन्न निष्ठाओं का परिचय मिलेगा।

बी. ए. (संस्कृत ऐतिहासिक)
कार्यक्रम विशिष्ट परिणाम

पाठ्यक्रम पूर्ण होने के पश्चात् विद्यार्थियों में निम्नलिखित योग्यताएं विकसित होंगी -

- छात्र संस्कृत पठन, लेखन एवं संभाषण में सक्षम होंगे।
- उच्च आदर्श, नैतिक एवं मानवीय मूल्य स्थापित होंगे।
- अपने गौरवशाली इतिहास से परिचित होंगे।
- बौद्धिक एवं आत्मिक क्षमताओं का विकास होगा।
- मानव-भात्र हितों की धर्म से परिचित हो सर्वमंगल की भावना विकसित होगी।
- छात्र अनुशासित एवं सहकारी बनेंगे।
- पाठ्यक्रम पूर्ण कर छात्र अनुवादक, लेखक, शिक्षक, पुस्तकालय के रूप में व्यावसायिक मार्ग चुनने में सक्षम होंगे।

Bachelor of Commerce (B.Com.)

- Students setting admission for B.Com (Pass course) is expected to imbue with following quality which helps them in their future life to achieve the expected goals.
- The B.com Graduates would be able to acquire basic and fundamentals knowledge and skills for doing business and commercial activities for their choice.
- B.com pass course covers several subjects such as accounting, costing, taxation, marketing, economics, corporate and business laws, management, HR and business etc. This opens up the door for wide range of employment opportunities.
- A b.com graduate can choose from multiple job profiles based on their interests and abilities. A few of them are: - Accountant, finance analyst, portfolio manager, investment analyst, tax consultant.
- The program also empowers the graduates to appear for various competitive exams or choose a profession of their choice such as CA, CS, ICWA, M.COM, MBA etc.
- A B.Com degree holder is well suited to a business career whether as an employee or an entrepreneur.

B. Com (Sem-01)

- To record the basic journal entries.
- Memorize how to calculate depreciation by applying various methods.
- Maintain the financial statements of a business entity.
- Rectify errors in accounts.
- To apply basic terms of integration in solving practical problems field of as of business.
- To explain basic methods of business calculus, types and methods of interest account and their basic applications in practice.
- To solve problems in the areas of business calculus, simple and compound interest account, use of compound interest account, loan and consumer credit.
- To discuss effects of various types and methods of interest account.
- Connect acquired knowledge and skills with practical problems in economic practice.
- Understand how households (demand) and businesses (supply) interact in various market structures to determine price and quantity of a good produced.
- Understand the links between household behavior and the economic models of demand.
- Represent demand, in graphical form, including the downward slope of the demand curve and what shifts the demand curve.
- Understand the links between production costs and the economic models of supply.
- Apply the concept of opportunity cost

- Analyze operations of markets under varying competitive conditions
- Use business terms and concepts when communicating.
- Explain the financial concepts used in making business decision.
- Use effective communication skills to promote respect and relationship.
- Utilize information by applying a variety of business and industry software and hardware to major business function.
- Demonstrate a basic understanding of business management.
- To make effective and impressive communication.
- To make communication in ethical manner.
- Capable to make persuasive digital communication.
- Capable to make abstract & summaries of proposals.
- Better presentation and communication using proper body language.
- Understand the concept of input and output devices of Computers and how it works.
- Understand the concepts, structure, types and design of operating Systems.
- Understand the concept of Data Communication, its Modes, its Forms and Data Communication Channels.
- Understand evolution of internet, its application and its basic services.
- Recognize when to use each of the Microsoft Office programs to create professional and academic documents.
- Create and design a word document for general office use.
- Students will have a working knowledge of paragraph formatting, macro and mail- merge in MS-Word.

B.Com (Sem-02)

- Student can able to make necessary journal entries in the books of record under hire purchase method.
- Able to maintain royalty and joint venture accounts.
- Easily examine the dissolution of partnership.
- Easily can prepare the journal entries of amalgamations and sale of partnership firms.
- Define basic terms in the areas of business calculus and financial mathematics.
- Explain basic methods of business calculus, types and methods of interest account and their basic applications in practice.
- Solve problems in the areas of business calculus, simple and compound interest account, use of compound interest account, loan and consumer credit.

- Discern effects of various types and methods of interest account.
- Connect acquired knowledge and skills with practical problems in economic practice.
- Apply marginal analysis to the “firm” under different market conditions;
- Understand the causes and consequences of different market structures;
- Apply economic models to examine current economic issues and evaluate policy options for addressing this issue.
- Understand the meaning of marginal revenue and marginal cost and their relevance for firm profitability.
- Use business terms and concepts when communicating.
- Explain the financial concepts used in making business decision.
- Use effective communication skills to promote respect and relationship.
- Utilize information by applying a variety of business and industry software and hardware to major business function.
- Demonstrate a basic understanding of business management.
- Define various elements internal as well as external affecting business environment.
- Explain the techniques like SWOT analysis.
- Define the terms like inflation, GDP, etc.
- Define the consequences with regard to BOP.
- Explain the economic trends and effect of Govt. policies as LPG.
- Student will be able to understand the concept of input and output devices of Computers and how it works.
- Students will be able to understand the concepts, structure, types and design of operating Systems.
- Student will be able to recognize when to use each of the Microsoft Office programs to create professional and academic documents.
- Student will be introduced to create and design a spreadsheet for general office use.
- Students will have a working knowledge of basic functions and formulas in MS- Excel.

B. Com (Sem-03)

- Learn about the journal entries of issue of shares and issue of debentures.
- To know about the meaning of companies and working style of companies.
- To know about the final accounts of the companies.
- Learn about the valuation method of shares and goodwill and measurement of performance of companies.

- Work with profit prior to incorporation and post incorporation profits in company's accounts.
- Learn about the concept of sources of redemption of debentures and redemption of preference shares.
- Student will able to apply knowledge to solve simple tasks using computer (MS Excel).
- Student will able to independently calculate basic statistical parameters (mean, measures of dispersion, correlation coefficient, indexes)
- Student will able to interpret the meaning of the calculated statistical indicators.
- Student will able to choose a statistical method for solving practical problems.
- Student will able to explain probability theory and probability distributions in relation to general statistical analysis.
- Student will able to Understand and appreciate the need to solve a variety of business- related problems using a systematic approach involving accepted statistical techniques.
- Learn the difference between valid void and voidable contract.
- Memorize difference between contract of guarantee and indemnity.
- Analysis the rights and duties of pawn or Pawnee under contract of bailment.
- Learn how to pursue the consumer rights under consumer protection act 1982.
- Know about the concept of company and shares.
- Know about the company law in the India.
- Understand the use of the memorandum of association and article of association in a company, they also learn from this course.
- Use of prospectus in a company.
- Understand the relationship between company and debenture holders.
- Learn the qualities of human resource manager in an organization.
- Analysis the importance of different methods of training given to the employees in organization.
- Memorize the difference between on-the-job training and of the job training.
- Learn the participant of industrial relation and recruitment of good industrial relation Program.

B.Com (Sem-04)

- Know about the companies all accounts.
- Get the Knowledge of banking system.
- Learn about working format of companies.
- Understand Mutual funds" investments.

- Find out how a company can dissolve.
- Student will be able to apply knowledge to solve simple tasks using computer (MS Excel)
- Student will be able to independently calculate basic statistical parameters (mean, measures of dispersion, correlation coefficient, indexes)
- Student will be able to interpret the meaning of the calculated statistical indicators.
- Student will be able to choose a statistical method for solving practical problems.
- Student will be able to explain probability theory and probability distributions in relation to general statistical analysis.
- Student will be able to Understand and appreciate the need to solve a variety of business- related problems using a systematic approach involving accepted statistical techniques.
- Can be able to learn the conditions of partnership act.
- Critically evaluate conditions and warranties of sale of goods act.
- Aware about rights to information.
- Can be able to use negotiable instrument in practical life.
- Student will be able to develop in the student an understanding of the free enterprise system and the legal safeguards of the same.
- Student will be able to demonstrate clearly and forcibly the generally accepted, but not always documented, proposition that law is an expression of the public will; that a law is valid in the real sense only when it is an expression of the public will.
- Student will be able to develop in the student and appreciation of the significant role played by the judiciary in the protection of individual liberty and private property.
- Student will be able to develop in the student habits of analytical thinking and logical reasoning as a technique for decision-making.
- Student will be able to develop in the student acceptable attitudes and viewpoints with respect to business ethics and social responsibility.
- Student will be able to enrich and make more meaningful the study of the other social sciences.
- Students can identify how consumer behaves differently.
- Able to understand how a product passes from different stages.
- Able to understand the difference between trademark and branding.
- Able to describe the customer segmentation, target marketing and positioning.
- Understand different methods of sale promotion.
- Demonstrate a comprehension of the principles of banking law and its relationship to banks and customers.
- Demonstrate an awareness of law and practice in a banking context.
- Engage in critical analysis of the practice of banking law from a range of perspectives.

- Organize information as it relates to the regulation of banking products and services.

B.Com (Sem-05)

- Define the procedure of direct tax assessment.
- Able to file IT return on individual basis.
- Able to compute total income and define tax complications and structure.
- Able to understand amendments made from time to time in Finance Act.
- Differentiate between direct and indirect tax assessment.
- Define the various components of total cost of a product i.e. direct & indirect cost and fixed & flexible cost.
- Determine various levels of material i.e. reorder level, minimum level, maximum level & EOQ for managing working capital.
- Use methods of time-keeping & time-booking and manage idle & overtime. Define the features of overhead or indirect cost of production and basis of allocation and apportionment.
- Use cost-sheet to compute unit cost of product.
- Determine basis for computing tender price of a product.
- Use business finance terms and concepts when communicating.
- Explain the financial concepts used in making accounting management decision.
- Use effective communication skills to promote respect and relationship for financial deals.
- Utilize information by applying a variety of business and industry software and hardware to major financial function.
- Demonstrate a basic understanding of accounting management.
- Student will be able to understand the Australian banking system and describe the role of regulatory bodies in regulating how banks manage their capital.
- Student will be able to describe the types of equity securities that companies can use to raise equity capital and how these securities can be listed and traded on the Australian Stock Exchange.
- Student will be able to apply different company valuation techniques to determine share prices.
- Student will be able to describe the characteristics of different types of debt securities and be able to price them.
- Student will be able to describe different theories of how interest rates are determined and explain the relationship between the term to maturity, risk, and interest rates.
- Student will be able to understand the mechanics and conventions of the foreign exchange market and the motivation of different participants in trading foreign currencies.
- Student will be able to understand the basic development of entrepreneurship as a profession.

- Student will have a basic knowledge of human resource management for small business.
- Student will be able to identify and implement systems for collecting and analyzing information to monitor the performance of a new firm
- Student will be able to understand the differences between an entrepreneurial venture and an ongoing business operation.
- Student will be able to understand the critical roles of marketing research, competitive analysis, consumer-value proposition, and market-entry strategy in the development of a business plan.
- Student will be able to describe examples of entrepreneurial business and actual practice, both successful and unsuccessful, and explain the role and significance of entrepreneurship as a career, in the firm, and in society.
- Student will be able to understand the importance and role of ethical, sustainability, innovation and global issues for strategic decision making. Student will evaluate different modes of entering into entrepreneurship
- Use International Business Environment terms and concepts when communicating.
- Explain the International Business Environment concepts used in making global decision.
- Use effective communication skills to promote respect and relationship for International Business Environment.

B.Com (Sem-06)

- Define the procedure of direct tax assessment.
- Able to file IT return on individual basis.
- Define tax complications and structure.
- Aware about IT authorities and their powers.
- Aware about appeal & revision, tax penalties, offences and prosecutions.
- Define the process to compute total cost of a product belong to various production processes.
- Accumulate total cost of a contract assigned.
- Able to prepare various budgets like fixed and flexible budgets.
- Define the terms with regard to variance analysis.
- Define the terms with regard to BEP analysis.
- Use business finance terms and concepts when communicating.
- Explain the financial concepts used in making financial management decision.
- Use effective communication skills to promote respect and relationship for financial deals.
- Utilize information by applying a variety of business and industry software and hardware to major financial function.

- Demonstrate a basic understanding of financial management.
- Student will understand the audit process from the engagement planning stage through completion of the audit, as well as the rendering of an audit opinion via the various report options.
- Student will understand auditors' legal liabilities, and be able to apply case law in making a judgment whether auditors might be liable to certain parties;
- Student will understand to describe the various levels of persuasiveness of different types of audit evidence and explain the broad principles of audit sampling techniques;
- Student will understand to discuss the need for an independent or external audit and describe briefly the development of the role of the assurance provider in modern business society;
- Student will be able to describe the quality control procedures necessary to ensure that a competent assurance engagement is performed, and apply professional ethics including Code of Conduct to specific scenarios
- Student will explain the internal audit process including the professional standards applicable to the internal audit profession.
- Student will be able to Compute the assessable value of transactions related to goods and services for levy and determination of duty liability.
- Student will be able to Identify and analyze the procedural aspects under different applicable statutes related to Goods and Service taxation.
- Student will be able to understand the basic principles underlying the Goods & Service Tax).
- Student will be able to understand Tax liability and taxable entities. Accounting treatment (simple and trilateral transactions).
- Student will be able to examine the method of tax credit. Inflows and outflows. Outflows: tax imposition, tax exemption, tax deduction.
- Use International Marketing terms and concepts when communicating.
- Explain the International Marketing concepts used in making global decision.
- Use effective communication skills to promote respect and relationship for International Marketing.

Bachelor of Science (B.Sc.)

Physics

B.Sc. 1st Semester

- Get the knowledge about forces helps the students in their daily life.
- The velocity and acceleration parameter give the knowledge about how the move vehicles.
- Explain various phenomena like Ferromagnetism, ant ferromagnetism etc.
- Understand the relation in between Electromagnetic theory.
- Explain various phenomena in light of Maxwell equations.

B.Sc. 2nd Semester

- Students will be able to identify the type of force, type of supports and the reactions on beams and plane frames.
- The students shall be familiar with the fundamental principles of the general theory of relativity.
- They shall know the meaning of basic concepts like the equivalence principles; inertial frames and time dilation establish the non-existence of the hypothesized stationary a ether through the null result of Michelson-Morley experiments with interferometer.
- Explain the true nature of Newtonian mechanics and Lorentz Transformation equations. Understand the concept of constant relative motion of different bodies in different frames of references.

After the completion of the course, Students will be able to-

- Students shall learn about the significance of electric components.
- Significance of various devices and how they will operate.
- It will teach the students about the circuit connection.
- About the graphical relationship of resistance, capacitor and inductor.

B.Sc. 3rd Semester

- Understand the FORTRAN programming language.
- Be capable of specifying the simplified syntax of programming languages (FORTRAN).
- Understand the concept of thermodynamics and their laws.
- Understand the Heat Engine and there uses.
- Describe the thermodynamic function and their relations.

- Understand the physics behind various phenomena in wave and optics.
- Understand various phenomena and the cause or origin of them.
- Explain the relationship in between various optical phenomena with the Fourier series and matrix.

B.Sc. 4th Semester

- They are able to interpret different types of events.
- Understand the basic concept of probability and applications involving probability.
- Students have understood the concept of phase space and its volume.
- They can easily distinguish between different types of particles and statistics and can easily distribute bosons, fermions and classical particles among energy levels.
- After studying Fermi Dirac statistics, students have learnt to deal with much electron system in real life.
- Understand the physics behind various optical phenomena.
- Understand various natural phenomena are which is happening in their surroundings.
- Explain the relationship in between various optical phenomenon.

B.Sc. 5th Semester

- Demonstrate an understanding of the crystal lattice and how the main lattice types are described.
- Formulate the theory of X-ray diffraction in the reciprocal lattice (k-space) formalism and apply this knowledge to generalize the formulation for matter waves
- Students will be able to perform structure determination of simple structures.
- Learn that Dulong-Petit Law is valid only at high temperature.
- Learn that lattice specific heat of solid vary T^3 at very low temperature.
- Historical aspects of development or origin of quantum mechanics.
- To explain the differences between classical and quantum mechanics.
- Understand the idea of wave function and its physical significance.
- Understand the uncertainty principal and solved the various problem based on it.
- Able to Solve Schrodinger equations for simple potentials barrier, particle in infinite potential box and harmonic oscillator.

B.Sc. 6th Semester

- Describe theories explaining the structure of atoms and the origin of the observed spectra.
- Identify atomic effect such as Zeeman Effect and Stark effect.
- List different types of atomic spectra.
- Explain the observed dependence of atomic spectral lines on externally applied electric and magnetic fields.
- To study the different type of Laser used in various applications and comparative study of different type of laser.
- After taking this course, students are able to determine the charge, mass of any nucleus by using various spectrographs.
- They are able to understand the size of nucleus and all its properties.
- This course has led the students to understand interaction of various types of radiation with matter which they observe in their daily life. It's easy for them now to relate the theory to practical.
- Students now know various methods of accelerating various types of particles to perform scattering experiments.
- Students are able to understand the detecting methods and instruments for different types of charged and neutral particles.

Botany

B.Sc. 1st Semester

- Study and impart knowledge about the general characters, Life history, structure, reproduction and economic importance of Algae and Fungi.
- To know about the various plant diseases and their control measures.
- Study of Lichens, their types and significance.
- Learn about microscope handling technique.
- Understand the structure and chemical composition of cell and cell organelles.
- Learn about the concept of cell division.
- Understand the process of cell division by preparation of slides using onion root tips.

B.Sc. 2nd Semester

- Students able to explain about the structure, classification, life cycle and economic importance of Bryophytes and Pteritophytes.
- Learn the evolution of stellar system and origin of seed habit in plants.

- Students get practical knowledge about the various lower groups of plants.
- Understand the phylogenetic relationships between the groups of plants.
- Students get detailed knowledge about economic importance and other value-added products obtained from plants.
- Understand the concept of Mendelian Inheritance and various laws.
- Understand the process of cellular protein synthesis and role of cell organelles involved in translation.
- Understand the structure and chemical composition of DNA, RNA and chromatin material.
- Study of cell organelles and their functions.
- Practical knowledge of genetics, laws of inheritance by working out problems/numerical.
- Understand the applications of plant sciences in various fields.

B.Sc. 3rd Semester

- The diversity of plants can be attributed to pollination and herbivory, both examples of coevolution between animals and plants.
- Seed serves several functions for the plants that produce them.
- These reserves are what make many cereals and legumes major food sources for a large proportion of the world's inhabitant.
- Examine the diversity of seed plants, Ginkgo has been used for medicinal purposes.

B.Sc. 4th Semester

- These studies are very important because they lead to a better understanding of how to care for plants and fight plant diseases.
- Plant anatomy provides characters such as trichomes, stomata, circular pattern, leaf venation, wood anatomy, growth rings etc.
- It helps us to understand the structural adaptations of plants with respect to diverse environmental conditions.
- It's linked to plant physiology., Hence it helps in the improvement of food crops.
- It is helpful in to determine the age of plants.

B.Sc. 5th Semester

- Plant taxonomy aims at providing a classification which reconstructs the evolutionary history of plant kingdom.
- Both useful and harmful species of plant are so intimately associated with our daily life that

it becomes necessary to arrange them in orderly and scientific system

- It is valuable study regarding distribution, habit, habitat, distinct character of plants and plants groups which fulfil its objectives.
- Systematized study of plants had benefitted not only to botanists but to those who are related with forestry, coal, medicine, food industries etc.
- helps to understand other branches of biology like genetics, cytology, physiology, evolution etc.
- In the medicinal field embryology is immensely helpful.
- It helps to understand the phylogenetic relationships between the different groups of plants.
- Embryology is one of the most important divisions of botany, its methods and goals are separate from those of plant morphology.
- Enable to learn about control of plant development & reproduction.
- It applies in agriculture for production of different variety of crops and increases their yield in short period.
- Helpful in production of secondary products like drugs, cosmetics, resins, gums etc.
- Learn about plant hormones and their role in commercial scales ex. Auxin and Cytokinin for multiplication of plants, GA in sugar production and Ethylene in artificial fruit ripening etc.
- Enable to research & higher education in agriculture (as scientist).
- Learn and motivate the students about the conservation of nature and natural resources.
- Focus on role of man in degradation of environment by pollution, animal killing, deforestation, population explosion etc. and suggest remedies for these problems.
- Sustainable use of nature with environment problem regulation/ natural resource management.
- Students are enabling for applying the government / private Sector jobs on basis of graduation.
- Enable to research & higher education in environmental science (as scientist/Conservatist/environmental consultant).

B.Sc. 6th Semester

- Learn about commercial production of different plants.
- Learn about essential chemical reaction going on living organism and their control in disease.
- Learn to cure various diseases
- To enable the use of different technology for welfare of human being.

- To enable research and higher studies in medical field and environmental conservation.
- Recognition and naming of plants based on their plant part use /products.
- Learn about the cultivation, process & uses of different yielding plants such as food, cereals, oil, fibers, sugarcane, rubber etc.
- Learn about the cultivation, process of timber yielding plants with crop (agro forestry); make dual benefits ecological as well as economical.
- Learn about the cultivation and uses of spice yielding and medicinal plants so they can cure their disease at home.
- They can start their business on basis of crop production and their prices.
- Learn about the cultivation, process of bio fuels and energy plantation in solving environmental problems.

Zoology

B.Sc. 1st Semester

- Knowledge of environmental creatures is gained.
- Know about their economic benefits and ill effects.
- Cure diseases by controlling their specified organisms.
- Maintain diversity of environment to sustain better life.
- Know the building blocks of life.
- Treat cancer and remove it utmost from the world.
- Differentiate organisms on the basis of cellular level.
- Know about various sets of signaling and specifications occurring in one's own body.
- Annelids taught how to be a helping hand in agriculture.
- Arthropods being the one who are best for pollination in plants.
- Act as connecting link in evolution.
- Mollusks and Echinoderms lead to the study of aquatic life forms and meanwhile, molluscs act as economically beneficial. Example-pearl.

B.Sc. 2nd Semester

- Find out the cause of disease resides in the genome sequence.
- Figure out the gene structure of an organism.
- Calculate the anomalous behavior of organisms via C-value paradox.
- Find out the alteration and aberration in general/chromosomal structure of an organism

leading to disease.

B.Sc. 3rd Semester

- Provides students with an in-depth knowledge of diversity in form, structure & habits of chordates.
- Learn basics of systematic & understand hierarchy of different categories in chordates.
- To describe the unique characters of Urochordata, Cephalochordata & Fishes.
- To recognize the life functions of Urochordates, Cephalochordates & Fishes.
- Imparts conceptual knowledge of vertebrate adaptations in relation to their environment.
- To understand the various Bio-molecules in mammalian body.
- To understand the structural chemistry of proteins, carbohydrates & fats.
- To understand the functions of Bio-molecules.
- To understand the metabolic activities in mammalian body.
- To understand the physiology at the cellular & system level.

B.Sc. 4th Semester

- Obtain overview of economically important chordates.
- To understand the origin & evolutionary relationship in different subphylum of chordates.
- To describe the unique characters of amphibians, reptiles, aves & mammals.
- To recognize the life functions of amphibians, reptiles, aves & mammals.
- To understand the ecological role of different classes of chordates.
- To understand how mammalian body get nutrition from different Biomolecules.
- To understand the nature of endocrine glands & their secretions.
- To understand the blood flow & working of heart.
- To understand how physiological parameters are measured in mammals.
- To describe the physiology of respiratory, renal. Endocrine & reproductive system to define their normal & abnormal functions.

B.Sc. 5th Semester

- Provides students with an in-depth knowledge of different types of fish culture.
- Learn about the consumable fish of fresh water & marine water.
- Learn about the different types of foods needs to provide to the different stages of fish.

- To understand the various factors which affect our environment?
- To understand the structural components of environment.
- To understand ecosystem energetic, food chain food web.
- To understand the evolution theories, process of speciation.
- To understand the phylogeny of human.

B.Sc. 6th Semester

- To understand about different types of pests of cash crops, Vegetables and stored grain.
- To understand about different control methods of pest control.
- To understand about integrated pest management.
- To understand the process of gamete formation.
- To understand Fertilization and further development process in invertebrate and vertebrate.
- To understand the scope of developmental biology.

Chemistry

I-VI Semester - Inorganic Chemistry

- Students will become familiar with atomic structure, properties of elements and their types of bonds, students will skilled in chemistry of s-block, p-block, elements of Ist, IInd, IIIrd transition series elements and f-block elements. Study of coordination chemistry is very useful for the students in order to understand the chemistry of coordination compounds. Students will also expertise in bioinorganic chemistry, acid-base chemistry and inorganic polymer (silicones & Phosphazenes)

I-VI Semester - Physical Chemistry

- Students will have a firm foundation of different states of matter (solid, liquid & gaseous). Students will skilled in chemical kinetics, electrochemistry, thermodynamics and chemical equilibrium.

I-VI Semester - Organic Chemistry

- Students will gain an understanding of stereochemistry of organic compounds, mechanism of organic reactions. Aromaticity and arenes will help the students to explore the new area of chemistry. Different types of structural spectroscopic techniques such as UV-Vis, IR, NMR helps the students in structural elucidation.

Mathematics

B.A./B.Sc. Semester 1st

- Work with matrices and determine if a given square matrix is invertible, system of equations, eigen values and eigen vector.
- Algebra is faster and basic maths.
- It reinforces logical thinking and may be a job skill later.
- Calculus the language of motion and change.
- It is used in analyzing a system.
- Find an optional solution.
- Calculate definite integrals that may involve logarithms, exponentials, polynomials and powers by using fundamental theorems of calculus.
- This paper deals with asymptotes, curve tracing and quadrature.
- To Study the application of 3D figure.
- To get Basic Knowledge about cone, parabola, hyperbola, ellipse etc.
- It is useful for vision.
- It leads to simpler computation of connectivity, within and between objects, and can be implemented more readily on a parallel architecture.

B.A./B.Sc. Semester 2nd

- Define and interpret the concepts of divisibility, congruence, greatest common divisor, prime factorization.
- Number theory is famous for generating easy-to-ask, hard-to-answer questions and that is one reason for its popularity.
- Nurture problem solving skills, thinking and creativity.
- Evaluate first order differential equations including separable, homogeneous, exact and linear.
- Create and analyze mathematical models using higher order differential equations to solve application problems.
- Recognize ODE's and System of ODE's concepts that are encountered in the real world, understand and be able to communicate underlying mathematics involved to help another person gain insight into the situation.
- Calculate line integrals along path, fundamental theorem of line integrals, green's theorems, stoke theorems and divergence theorems.
- Vector calculus is concerned with differentiation and integration of vector field.

- It is used extensively in physics and engineering, especially in the description of electromagnetic fields and fluid flow.

B.A./B.Sc. Semester 3rd

- Continuity, uniform continuity and mean value theorems of function of one variable.
- Limit, continuity and Differentiability of function of more than one variable i.e. function of several variables.
- Parabolic function, Hyperbolic function in curve in space.
- Basics Concepts of PDE, Solution of some special type of PDE.
- General and particular solution of PDE
- Heat, Wave and Laplace equation and solution of PDE.
- Develop an understanding of how a machine applies force to work against load force.
- It is used to produce a conceptual link between the “macroscopic view” and the “microscopic view”.
- This approach produces some useful insights and applications in many fields of virtual work, null lines, and wrenches.

B.A./B.Sc. Semester 4th

- This book is aimed at advancing concepts of programming and software code organization within the framework of structural and procedural programming paradigms.
- Understanding a functional hierarchical code organization.
- Ability to define and manage data structure based on problems subject domain.
- Student can understand defensive programming concepts. They can handle possible errors during program execution.
- This paper defines sequence and series and also identifying the different kind of sequence and series, common ratio of geometric sequence, A.M., G.M., H.M., Sum of infinite series.
- Student can learn to work with logarithm, exponential and inverse trigonometric functions.
- They are able to find partial sum of an infinite series.
- This book cover topics such as power series, Bessel's equation and function, Legendre's equation, Hermit equation, Laplace transformations, Fourier transformations.
- Students can understand integral calculus and special function of various engineering problem and to know the application of some basic mathematical method via all these special functions.
- They can able to explain the application and the usefulness of these special functions.

B.A./B.Sc. Semester 5th

- This paper defines and recognize the basic properties of the field of real numbers, the series of real numbers and convergence, Bolzano-weirstrass theorem, basic topological properties of $\mathbb{R}$.
- It can improve and outline the logical thinking of students.
- Students are able to apply the theorem in correct way.
- Students can interpret how to know the real functions continuity and differentiability and their related problems based on their theorem's results.
- This paper covers topics such as: abelian groups, cyclic groups, permutations, cosets, rings, integral domain, ideals, modulus, polynomials rings, and field.
- Students will be able to perform basic computations in group and ring theory.
- Students will become familiar with some application of abstract algebra which is useful for developing error correcting codes, encryption, and prediction of 3D structures.
- Students will able to solve the probability-based problems.
- Students derive numerical methods for various mathematical operation and tasks, such as differentiation, integration. The solution of linear and nonlinear equation and solutions of differential equations.
- Students will solve the interpolation and exploration-based problems.
- This course will develop an understanding of error analysis for numerical methods.

B.A./B.Sc. Semester 6th

- This book contains topic such as: Jacobians, Beta and gamma functions, double and triple integrals, Fourier series, and calculus of complex functions.
- Students can understand how complex numbers provide a satisfying extension of the real numbers.
- Students can solve problems involving convolution, filtering, modulation and sampling.
- Students can learn techniques of complex analysis that make practical problems easy (e.g. graphical rotation and scaling as an example of complex multiplication).
- This book covers topic such as: vector spaces and subspaces, basis and dimension, quotient space, linear transformation, rank and nullity, algebra of linear transformations, dual space, eigen values and eigen vectors.
- Students can solve system of linear equations.
- Students can recognize the concepts of the terms of span, linear independence, basis and dimension and apply these concepts to various vector spaces and subspaces.

- Students will construct free-body diagrams.
 - Students will discuss easily the motion on smooth and rough planes, general motion of rigid body.
 - They will understand the analysis of distributed loads.
 - They will understand a broad knowledge of internal forces and moments.
- They will be able to apply Kepler's law to solve the problems.

M.A. English

- Helps The Students Learn The Evolution Of Language And The Politics.
- Enhances Critical Thinking Of Students.
- Cultivates Language Skills Of Students By Introducing Them To Structures Of Language Through A Wide Variety Of Literary Works.
- Hones The Writing Skills Of Students And They Learn The Conventions Of Academic Writing.
- Instills A Critical Perspective With Which Students Approach The Disciplines.
- Introduces Different Literary Periods And Trends Of Each Of These Periods.
- Introduces Works Written By Different Sections Of People(Gender, Racial And Ethnic Minorities) And Makes The Students Give Critical Responses From Different Perspectives.
- Critically Interact With Works From Different Contexts: Social, Political, Economic, Historical And National As Subjects Conscious Of Their Own Socio-Historic Specificity And Thus Their Level Of Critical Thinking Is Enhanced.
- Become Thorough With Reading Works With Theoretical Basis.
- Students Become Capable Of Interpreting And Exploring Relationships From The Points Of View Of Different People.
- Become Inspired By Fiction, Open Up Their Minds And Stimulate The Sympathetic/Empathic Imagination By Allowing Them To See The World Through Other's Eyes As Well To Foster Intercultural Dialogue.
- Approach And Appreciate Indian Literature In English And Explore Its Uniqueness And Its Place Among The Literatures In English.
- Learn What Language Is And What Knowledge A Language Consist Of. This Is Provided By Basic Examination Of Internal Organization Of Sentences, Words, And Sound Systems. The Course Assumes No Prior Training In Linguistics.
- Get Sensitized With The Critical Tools Used In The Reading Of Literature.
- Form An Idea Of The Complex Nature Of Literary Studies And How They Are Entangled With Other Aspects Of The Social Body.
- Gain Perceptive Insights Into The Socio-Political Dynamics, The Structuring Points Of View, The Dominant Ideology, Hegemony, The Prevailing Common Sense And Communal Underpinnings That Mediate The Writing, Production, Reception And Survival Of A Work.

- Learn Literary Terms And The Various Streams In Literary Criticism, To Make Them Aware Of The Inter-Disciplinary Nature Of Contemporary Criticism And To Develop In Students, Skills For Literary Criticism.
- Inculcate A Literary, Aesthetic And Critical Awareness Of Diverse Cultures And Literary Creations And Thus To Arrive At A Broader Vision Of The World.
- Come To Know About The Evolution Of The Feminist Movement And To Familiarize Them With The Various Issues Addressed By Feminism.
- Become Sensitized To Issues Like Marginalization And Subjugation Of Women.
- Develop Sensible Response To Great Classics In Translation And Fine Tune Analytical Skills With A View To Achieving A Broad, Wholesome Vision Of Life.

Course Courses		
Course Code	Course Name	Course Outcome
First Semester		
ENG-1	Reading, Writing and Documentation Skills	1. To enable students to appreciate and critically engage with literary forms and to equip them with necessary skills required to articulate their views on literary texts. 2. Developing critical appreciation of poetry, prosodic features, figures of speech; comprehend the literal and figurative uses of language 3. Recognize key passages; raise questions; appreciate complexity and ambiguity; comprehend the literal and figurative uses of language 4. To learn Writing Skills; Abstract, Note taking, Paragraph writing, Essay writing, Seminars, Assignments, and Presentations, resume writing, e-mail, MS Office, MS Excel, Preparing PPT 5. Students will be able to learn the basic documentation skills required for effective communication and research. 6. They will develop critical ability to appreciate complexity and ambiguity of prose. They will enhance their grammar skills.

ENG-II	British Poetry	1. The course is designed to give the students a historical overview of the developments in poetry, introduce major poets chronologically and also to give the students an overview of the ways to analyze poetry and understand its nuances. 2. The students will learn a historical overview of the developments in poetry. 3. The students will be able to engage themselves in critical reception of poetry. 4. They will enhance their critical ability to interpret poetry.
ENG-III	British Drama	1. Gain knowledge in the development of English Drama from its origin to 21st Century viz.. Shakespearean Drama, Shavian Plays, one-Act Plays, Absurd Plays etc. 2. The students will understand plays both as literary and performative texts. 3. They will learn the relation between literary texts and social environment. 4. They will be able to think critically and rationally. 5. To generate a broad vision of life by making the students to come to grips with universal problems discussed in these dramas. 6. To make the students explore how universal are these dramas and how politically motivated are these writings. 7. Drama enables students to pursue theatre related careers and provide direction in the development of professional skills. 8. Drama enhances students critical thinking skill within an active learning environment. 9. Conceptualize various types of Drama viz.. Tragedy, Comedy, Farce, Melodrama, Historical Place, through the prescribed text and analyze the effect they create in the students.

ENG-IV	British Novel	1. To acquaint the students to the gradual evolution of the English Novel and its emergence as a dominant form documenting the social, cultural, and ideological concerns of the English society. 2. students will learn the historical development of the novel. 3. They develop a better understanding of the relationship between history, culture and literature through novels. 4. They will have an enhanced critical understanding of the novels and their technical aspects. 5. Learn the elements of fiction-technique, plot, character, setting, style, point of view. 6. Conceptualize the genre of Novel and its types viz., Allegorical, Gothic, Historical, Epistolary, 7. Picaresque, and Psychological. 8. Students become well acquainted with the literary genre of novel and short-story and literary devices of allegory and metaphor, satire and stream of consciousness technique. 9. Enhances reading skills and makes them understand how to represent their experience and ideas critically, creatively and persuasively through the medium of language. 10. Understand historical, social background of the novelist. 11. Novelist unique style of writing helps student to enhance their creative skills. 12. Students learn human values and pattern of behavior. Students learn about different cultures, ethos and milieu.
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ENG-V	British Prose	1. To acquaint the students to the major developments in the history of prose writing and to discuss the socio-political issues on which the essays were based. 2. The Students will be able to differentiate various types and techniques of prose writing. 3. They will be able to examine the socio-historical issues discussed in the essays. 4. They will be able to develop critical thinking by analyzing the cultural contexts of these texts. 5. Gain knowledge of eminent writers- Bacon, Lamb, Addison, Gandhi, Nehru, Vivekananda etc. 6. Understand the prose writers background, biographies and their works.. 7. Students develop their imagination by reading different styles of essays prescribed in the course. 8. To provide opportunities for self-expression.
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ENG-VI	Self Study	1. The objective of this course is to create habits of reading books and to develop writing skills in a manner of creativity and originality. The students will select a topic of their interest with consultation with their teachers/In charge /mentors. After selecting a suitable title for the paper, the student will be required to prepare a hand written report about 6-10 pages in his /her own handwriting. 2. The students will be able to develop a flair for reading. 3. They will also gain confidence for giving free expression to their ideas in speaking as well as writing. 4. They will learn to organize their ideas and thoughts in a rational, logical and spontaneous manner while writing. 5. On the whole, it will help students build tremendous confidence.
ENG-V11	Seminar	1. To develop in students a flair for reading outside their syllabus. 2. To develop in students presentation skills. 3. To enhance effective communication in them. 4. To build overall confidence in the students. 5. The students will be inclined towards a habit of reading and widen their horizons of knowledge. 6. Their presentation skills,(Vocabulary, tone patterns etc) will be improved. 7. It will be a confidence building exercise.
ENG-V111	Computer Application	1. To prepare the Students for the modern technological world. 2. To develop in the students necessary skills in computer Programs like MS Word, MS Excel, Power Point presentation etc. 3. Students will emerge more confident after learning computer applications. 4. Knowledge of computer application will make

		them fit for variety of career options.
ENG-IX	Value Education/Communication skills Personality Development	1. The paper aims at overall enhancement of communication Skills in the Students. 2. Focuses on speaking and writing, skills to prepare them for the modern competitive world. 3. To make them learn & practice basic technological Skills. 4. To bring a holistic enhancement in their communication Skills & Personality Development. 5. Communication skills as well as presentation Skills will be sharpened. 6. They will be better equipped to face interviews for their future career. 7. They are better prepared to enter professional world with developed skills.
Second Semester		
ENG-X	Literary Criticism & Theory- 1	1. Introduce students to major critics and their canonical criticism. 2. Provide students with the critical faculties necessary in an academic environment, and in an increasingly complex and interdependent world. 3. Help students with research acumen for performing research, analysis, and criticism of literary and cultural texts from different historical periods and genres. 4. Assist students in the development of intellectual flexibility, creativity, and cultural literacy so that they may engage in life-long learning. Students will be familiar with representative literary and critical texts within a significant number of historical, geographical, and cultural contexts. 5. Students will be able to apply critical and theoretical approaches to the reading and analysis of literary and cultural texts in multiple genres. 6. Students will be able to identify, analyze, interpret and describe the critical ideas, values, and themes that appear in literary and cultural texts and understand the way these ideas, values, and themes

		inform and impact culture and society, both now and in the past. 7. Students will be able to write analytically in a variety of formats, including essays, research papers, reflective writing, and critical reviews of secondary sources.
ENG-XI	American Literature-1	1. Introduce students to different genres in American Literature. 2. Acquaint students with the problems prevailing in America in backdrop of historical and cultural perspective. 3. Provide students with the literary movement in America. 5. Help students understand American culture, people and geography. 6. Students will be able to read critically and appreciate the genres of American Literature. 7. Students will be able to understand the nature of problems in American society. 8. Students will be able to understand and compare the literary movements of American with other movement in same time period across world. 9. Students will be able to understand American culture and people etc.
ENG-XII	Modern British Literature	1. Introduce students with modern British Literature. 2. Help to understand the nature and difference between modern and pre-modern period British Literature. 3. Assist students to understand the current concerns that literature deals. 4. Acquaint students the situation of human being in modern period. Students will be able to know the nature and genres of Modern British Literature. 5. Students will be able to understand and appreciate the difference of pre-modern and modern period British literature. 6. Students will be able to know the current social,

		economical, psychological and other problems.
ENG-X111	Indian Writings in English	1. Acquaint students with the Indian Writing in English; its growth, movement, genres etc. 2. Assist students in locating Indian Writing in English in global literature. 3. Help students understand the Indian problems through literature. 4. Students will be able to know the growth and development of Indian literature in English. 5. Students will have an insight to locate Indian 6. Writings in English in literature of different countries. 7. Students will be able to have knowledge of the problems of issues of Indian through Indian Writings in English. 8. Students will have knowledge of Indian authors and their writings in English.

ENG-XIV	Diasporic Literature	1. Help students critically engage with Diasporic Literature. 2. Assist students understand the problems of Indian Diaspora. 3. Provide students with different perspectives to look at any developing country. 4. Introduce students with the perspective of country and relatives of the diaspora. 5. Students will be able to understand the notion of diaspora. 6. Students will be able to understand the problems of diaspora and the country they live in. 7. Students will be able to understand the different perspectives of looking at any country or person.
ENG-XV	Self Study	1. The objective of this course is to create habits of reading books and to develop writing skills in a manner of creativity and originality. The students will select a topic of their interest with consultation with their teachers/In charge /mentors. After selecting a suitable title for the paper, the student will be required to prepare a hand written report about 6-10 pages in his /her own handwriting. 2. The students will be able to develop a flair for reading. 3. They will also gain confidence for giving free expression to their ideas in speaking as well as writing. 4. They will learn to organize their ideas and thoughts in a rational, logical and spontaneous manner while writing. 5. On the whole, it will help students build tremendous confidence.
ENG-XVI	Seminar	1. To develop in students a flair for reading outside their syllabus. 2. To develop in students presentation skills. 3. To enhance effective communication in them.

		4. To build overall confidence in the students. 5. The students will be inclined towards a habit of reading and widen their horizons of knowledge. 6. Their presentation skills,(Vocabulary, tone patterns etc) will be improved. 7. It will be a confidence building exercise.
Third Semester		
ENG- XVII	Literary Criticism & Theory-II	1. To help students critically engage with critical concepts central to the study of literature and how these have evolved over the ages. 2. The students will be able to. 3. Comprehend a range of theoretical aspects and their progress in literary studies. 4. Recognize and understand literary premises and the philosophical background of a particular theoretical approach. 5. Recognize, understand and apply the different critical approaches to their own critical analysis of a text. 6. Acquire advanced skills in tracing and presenting theoretical issues in their study of literature 7. Analyze literary works for their structure and meaning.
ENG- XVIII	American Literature-11	1. Get a good grasp of the historical, political, and cultural contexts of American literature. 2. Recognize and explain distinct characteristics of American literature of a particular era and tradition. 3. Recognize and explain the various contexts of American multicultural literature.. 4. Learn how literature can contribute to social justice by giving voice to the marginalized.
ENG-IX	Study of Language-1	1. Get an understanding of the contemporary approaches to the study of language. 2. Understand the nuances of English speech sounds, word stress, intonation, and rhythm. 3. Gain an understanding of the structure of language.

		4. Gain conceptual and practical knowledge of language learning processes.
ENG-X	Self Study	1. The objective of this course is to create habits of reading books and to develop writing skills in a manner of creativity and originality. The students will select a topic of their interest with consultation with their teachers/In charge /mentors. After selecting a suitable title for the paper, the student will be required to prepare a hand written report about 6-10 pages in his /her own handwriting 2. The students will be able to develop a flair for reading 3. They will also gain confidence for giving free expression to their ideas in speaking as well as writing 4. They will learn to organize their ideas and thoughts in a rational, logical and spontaneous manner while writing 5. On the whole, it will help students build tremendous confidence
ENG-XI	Seminar	1. To develop in students a flair for reading outside their syllabus. 2. To develop in students presentation skills. 3. To enhance effective communication in them. 4. To build overall confidence in the students. 5. The students will be inclined towards a habit of reading and widen their horizons of knowledge. 6. Their presentation skills,(Vocabulary, tone patterns etc) will be improved. 7. It will be a confidence building exercise.
ENG-XII	Literature and Gender	1. Theorize about gender in literary texts 2. Build upon their knowledge of Gender theory and its evolution. 3. Analyze a literary text from the perspective of gender. 4. Learn about the contribution of various thinkers in the field of gender studies.

ENG-XIII	South Asian Literature	1. Demonstrate a deep understanding of the cultural, historical geopolitical contexts of South Asian literature. 2. Gain an understanding of the principal thematic concerns of South Asian literature. 3. Gain an appreciation for the diversity of forms and themes prevalent in South Asian literature. 4. Critically engage with literary forms and meanings.
ENG-XIV	Communication Skills	1. To improve the basic skills of reading, writing, listening and speaking among students of any subject. 2. To prepare students to face interviews and group discussions. 3. To acquaint students with the contemporary, colloquial and idiomatic expressions in language. 4. To train them in practical letter writing and forms of business communication The students will be able to. 5. Develop competence in oral and written communication. 6. Gain an understanding of communication theories. 7. Develop and show critical and analytical thinking.
Fourth Semester		
ENG-XV	Criticism & Literary Theory-III	1. To make students familiar to critics, important schools and movements, and the historical and cultural contexts important to those theories and Demonstrate an understanding of key concepts in literary theory so that they may explain to others the meaning, significance, and value of specific literary theoretical works. 2. Students will be able to apply theoretical approaches to the literary texts. 3. It will enhance their knowledge on the major concepts given by different literary and cultural theorists 4. It will enhance critical ability of the students by introducing them to significant critical movements.

ENG-XVI	Non-Fictional Narratives	1. To demonstrate reading strategies to comprehend point of view, sequencing, and author's purpose in nonfiction narration and to identify and explain narrative techniques in nonfiction. 2. Familiarizing the students about major Non-fiction narratives. 3. Enabling critical thinking in students to appreciate these narratives in their cultural as well as personal contexts. 4. Enhancing critical ability of the students to enabling them to approach these narratives from the perspective of gender and marginalization.
ENG-XVII	Study of Language	1. To create a fundamental understanding of the basic nature, branches and history of linguistic inquiry and to understand and use method of logical analysis in analyzing the data from a wide variety of languages and dialects. 2. To introduce the students to various types of communication and its regional variation. 3. To Make the students familiar to historicity of language, socio-linguistics and psycho-linguistics. 4. To enhance the ability of students in language use and language structures.
ENG-XVIII	Self Study	1. The objective of this course is to create habits of reading books and to develop writing skills in a manner of creativity and originality. The students will select a topic of their interest with consultation with their teachers/In charge /mentors. After selecting a suitable title for the paper, the student will be required to prepare a hand written report about 6-10 pages in his /her own handwriting 2. The students will be able to develop a flair for reading 3. They will also gain confidence for giving free expression to their ideas in speaking as well as writing 4. They will learn to organize their ideas and thoughts in a rational, logical and spontaneous manner while writing 5. On the whole, it will help students build

		tremendous confidence.
ENG-XIX	Seminar	1. To develop in students a flair for reading outside their syllabus. 2. To develop in students presentation skills. 3. To enhance effective communication in them. 4. To build overall confidence in the students. 5. The students will be inclined towards a habit of reading and widen their horizons of knowledge. 6. Their presentation skills, (Vocabulary, tone patterns etc) will be improved. 7. It will be a confidence building exercise.
ENG-XX	Dalit Literature	Provide an understanding of the changing position of Dalit at conceptual and practical level through Literature. 1. The students will get acquainted with a neglected social the history of the oppressed. 2. The students will get knowledge of the caste system and untouchability and social ramifications 3. students will get an understanding the changing position of Dalits in Social History 4. Understand the evolution of Dalit writings. 5. Have knowledge about the prominent Dalit writers and 6. Realize the plight and exploitation of this community. Have an awareness about human rights and its violations, their sufferings and pain.
ENG-XXI	Literature of Protest	1. The paper attempts to familiarize students with the literary and ideological contexts and contours of protest andto locate literature as a comprehensive site of contestations. 2. Students will get familiar with the history and political analysis of protest and dissent in literary tests. 3. It will make them reflect upon constraints and challenges culture or social structure poses. 4. It will improve their critical thinking skills.

M.A. Geography

Program Outcome (POs)

PO 1 - Knowledge - Capable of demonstrating comprehensive disciplinary knowledge gained during course of study.

PO 2 - Research Aptitude - Capability to ask relevant/appropriate questions for identifying, formulating and analyzing the research problems and to draw conclusion from the analysis.

PO 3 - Communication – Ability to communicate effectively on general and scientific topics with the scientific community and with society at large.

PO 4 - Problem Solving - Capability of applying knowledge to solve scientific and other problems.

PO 5 - Individual and Team Work - Capable to learn and work effectively as an individual, and as a member or leader in diverse teams, in multidisciplinary settings.

PO 6 - Investigation of Problems - Ability of critical thinking, analytical reasoning and research based knowledge including design of experiments, analysis and interpretation of data to provide conclusions.

PO 7 - Modern Tool usage - Ability to use and learn techniques, skills and modern tools for scientific practices.

PO 8 - Science and Society - Ability to apply reasoning to assess the different issues related to society and the consequent responsibilities relevant to the professional scientific practices.

PO 9 - Life-Long Learning - Aptitude to apply knowledge and skills that are necessary for participating in learning activities throughout life.

PO 10 - Ethics - Capability to identify and apply ethical issues related to one's work, avoid unethical behavior such as fabrication of data, committing plagiarism and unbiased truthful actions in all aspects of work.

PO 11 - Project Management - Ability to demonstrate knowledge and understanding of the scientific principles and apply these to manage projects.

Program Specific Outcomes (PSO's)

PSO 1 - Understanding the human and physical environmental phenomena using specialized knowledge pertaining to various sub-fields of geography.

PSO 2 - Ability to use the state of art geospatial knowledge for resolving the Social-Economic, cultural and physical problems of the society.

PSO 3 - Learning the techniques of data acquisition, data processing and interpretation of locational and spatial data.

PSO 4 - Ability to demonstrate and communicate the geographical knowledge and inculcate analytical ability, research aptitude and relevant skills.

Learning Objectives of the Whole Course

1. This two-year course aims to provide a conceptually and practical sophisticated understanding of spatial issues and their association with the environment, socio-economic, political, and cultural realm.
2. To develop an understanding about basic concepts, principles, theories, contemporary issues and advance technology inputs to develop a capacity to appraise the geographical phenomena.
3. To develop insight on the issues related to development and inequalities or disparities among regions and achieving the balanced regional development with adopting a sustainable approach.
4. Link theory, hypothesis, methods, data and fieldwork to identify and develop advanced research questions and design dissertation research that is identifiable with a professional research approach. In addition, enhance the potentiality among students to visualize the geographical reality through empirical field-based observations.
5. To make the students well aware of geo-strategies issues and today's emerging political system.
6. To develop an understanding of the transport network, spatial interaction through various transportation mode and location models to investigate economic development.
7. To develop the skills of using geographical instruments, drawing the map and making models with help of advance professional software(s).
8. To enable the students to acquire a knowledge of their existing surrounding, distribution of resource and how physical and climatic factors influenced their way of life and decision making.
9. The course is inter-disciplinary in nature and produces an intellectually exciting environment to the students without previous experience of the subject of geography.
10. The course tries to educate the students to seek placement in various professional and government agencies deals with; environmental issues, weather forecasting, earth sciences, urban and regional planning, transport planning, population studies, agricultural and rural development, physical and social data collection by surveying, and computer based data management and professional map making etc.

Master of Commerce (M.Com)

M.Com is a two year full time post graduate degree program. To keep uniformity with the requirements of the Choice Based Credit System, provisions have been made for core courses, discipline centric elective courses (DCEC) and open elective course.

Program Outcomes

- Acquire in depth knowledge of commerce discipline including wider and global perspectives with an ability to discriminate, evaluate, analyze and to discriminate, evaluate, analyze and synthesize existing and new knowledge and integration of the same for enhancement of knowledge.
- Extract information pertinent to industry issues through survey, apply appropriate research methodologies, techniques and tools, analyze and interpret data, submit a report about the study in commerce.
- Demonstrate ability to understand commerce in different functional areas like Accounting and finance, Marketing Management and HRM.
- The students can seek placement in the areas of finance, accounting and management like Accounts executive officer, financial analyst, tax manager etc.
- M.Com degree holder can meet the prospective employer requirements like learning aptitude, job proficiency and also pursue research in commerce and management areas.

Course Outcomes

Semester - 1st

- Students will be able to apply various accounting ratios in decision making.
- Enhance the knowledge of TQM and report writing.
- This course aims at imparting knowledge about human behavior and perception with respect to business organization.
- It enhances knowledge of the various aspects of the individual life positions and ego state and accordingly reacts to them.
- This course provides students with the knowledge, tools and techniques to make effective economic decisions under conditions of risk and uncertainty.
- Apply the economic way of thinking to individual decisions and business decisions.
- To equip students with some important statistical techniques for decision making.
- To provide ground for learning advanced statistical tools used in research.
- To provide advanced knowledge about HR practices in real corporate world to students.
- Make them able to take decisions related to HR planning and development.

Semester – 2nd

- Students will have thorough knowledge of preparing various types of budgets setting standards and preparing various reports.
- Students are enabled to apply cost behavior and cost relationship with profitability in management decision making process.
- Students are enabled to apply practical knowledge & techniques acquired in this course in financial decision making.
- Enhance the knowledge of various capital structure and dividend theories.
- Students will gain knowledge regarding Indian Financial System.
- It will also provide knowledge about financial market and insurance sector.
- Impart knowledge about various economic reforms in India.
- Provide knowledge about various policies related to business environment.
- Impart in students the core knowledge related to research and its processes.
- Students can identify appropriate research topics, select and define appropriate research problem and parameters.

Semester – 3rd

- Know the developments in accounting theory, financial reporting and disclosure practices at the national and international level.
- Impart knowledge of Indian accounting standards with IFRS.
- Students will be able to use the various applications of internet in performing business operations.
- Make the students understand the computer fundamentals, information technology, operating system and word processing, accounting packages and database management.
- Students will be able to understand inventory system.
- Knowledge of process costing, integral and non – integral systems.
- Understanding of project planning and resource allocation strategies.
- Able to deal with special decision situations such as mutually exclusive projects.
- Knowledge of capital markets, trading and settlement mechanism in India.
- Able to do investment, Security and technical analysis.

Semester – 4th

- Providing basic idea about corporate governance and the role and importance of its stakeholders.
- Bring conceptual clarity about different principles, theories, models and emerging trends in good governance practices adopted in the global and Indian context.
- Understand and formulate different strategies at corporate and business level.
- Analyze how organization makes decisions in response to rapid changes that occurs due to dynamic environment.
- Understand international business environment and different foreign market entry strategies.
- Knowledge of Regional economic integration and regional trade agreements.
- Understand important aspects of corporate accounting viz. amalgamation and liquidation of company.
- Have a comprehensive understanding of the advanced issues in accounting and how to deal with them.
- Knowledge to manage financial services and risk associated with them.
- Understanding factoring and forfeiting.
- Understanding and apply tools and techniques related to cost control.

B.A. Honors English

Program Outcomes

PSO-1: The Program educates students in both the artistry and utility of the English language through an artistic/aesthetic study of language through texts and the various historical and contemporary forms of culture. The creativeness of learners gets continuously enhanced.

PSO-2: It provides students with a constant enhancement of their critical faculties in conceiving thoughts around literary areas/texts necessary in an academic environment subsequently exercised in their respective career professions useful in an increasingly complex and interdependent world.

PSO-3: The Program also graduates students with capabilities of performing research, scrutiny, and undertake analysis of compositions/art works (book reviews & film reviews for instance), and pursue criticism of literary and cultural texts from various genres in different historical and stylistic perspectives and genres (art criticism, writing feature articles for instance).

PSO-4: It also facilitates students in the development of intellectual flexibility something which works for them in getting professionally embellished with the use of creativity and an acute sense of reasoning and intellectual subtlety so that their engagement in respective career professions become a life-long learning.

PSO-5: The Program also lets students be familiar with geographies and continents: their cultural and historical pasts. Students get familiar with literary portrayals of socio-cultural values, mythologies and their religious and mystical significance. This helps learners in creating/understanding a specific literary heritage and its symbiosis with humanity at large.

PSO-6: The Program also creates a solid coordination between knowledge and character building. Students encounter a plethora of characters be it typecast or radical, or socio-culturally located, and undertake in-depth critiques on all possible scrutiny into character-selves something which enables students in having a better control and better furnish or even facilitate themselves with character building and being responsible citizen/humans in the world.

PSO-7: The Program orients students to think in multi-dimensional ways and processes. It helps them with governing tools of exercise (such as language, rhetoric's etc) in dealing with a given problem or situation where different perspectives such as political, economic, social and cultural are juxtaposed broadening the horizon of their thought processes. It helps students add dimensions.

PSO-8: The Program connects learners with popular narratives, popular media forms and content. Parts of the Program's content have direct highlights on popular mediums of art such as painting, theatre, ballet/dance/musical etc. Students do take active interest in these areas and subsequently invest their career energy into these fields and attain success and popularity.

PSO-9: It enables the students to relate to trajectories of time: past, present and future. Students read literatures from a vast range of time-space zones ranging from the Greek antiquity to reading of ancient Sanskrit texts to readings of modern contemporary

authors from India, Africa, and the Western world. This helps students in understanding the historiography of literary content including language and style—areas that add significantly in the understanding of „nation“ and imbibe the learning into their own appropriations/creations.

PSO-10: Students pursuing this Program are trained into modules of interpretation such as those based on themes and content or also around compositional „forms“ thereby exploring multiple layers of meaning embedded in a given text/situation. This efficiency thereafter also gets hugely added in their philosophical scrutiny.

PSO-11: Students under the Program are also trained (through literary festivals, debates and extempore etc) in developing their oratorical skills, organizational skills interactive and argumentative skills

PSO-12: The Program also exposes students to possible innovative practices around pedagogy tools/methods (such as use of PPTs in presentations & other technological innovations) which a significant percentage of graduate students subsequently use in their own teaching pedagogy. Use of audio-visual tools, for instance, is regularly exercised upon and this adds to their meritorious teaching-learning paradigm.

PSO-13: The Program also connects students with their dealings with fantasy material and processing. Roles that fancy and imagination play in human life are crucially recognized through classroom textual discussions. Students do eventually relate these fantasy/imaginative material with visual narratives in other media and genres such as films and photography. They learn a set of relative adaptability skills of how in various creative ways art is composed and constantly work on their levels of efficiency around inter-connectivity of art forms and the artist's relationship with the art or writers' relationships with writings.

PSO-14: The Program also allows learners to recognize larger creative energies in the physical universe. It highlights on scientific scrutiny while it directs students.

This course introduces students to understand the role of English for literary writings. The course basically aims to attain in learners a thorough understanding of British Literature from 14th century to the modern Age with its social, cultural and political background. The study of literature improves sensibility and provide with a certain depth of conception. The semester system makes the students get a better Idea of the subject. It makes them intellectually sharpen and innovative.

It augments the student's ability to understand the nuances of literature and allures them to study more thereby broadening their learning spectrum.

- Students are ready to take up the special studies in literature. They go for higher studies like M.A., Ph.D. and D.Lit.
- At the global level the students are able to learn English as a language.
- Students of this course develop critical thinking.

- Develop the habit of effective reading and writing skills.
- Builds confidence in handling of English language.
- Literature teaches universal human experiences.
- Students learn about other cultures and places which expands their horizons.
- Their course helps students to explore the entire range of human experience in fiction, poetry drama and prose.
- Increases confidence in speaking publically and listen thoughtfully and respectfully.
- Students develop the art of comprehend the literal and figurative uses of language.
- Appreciate Indian literature in English and its uniqueness.
- They are taught to find symbols, themes, learn about characters and their importance.
- The study of literature helps students see the people world-wide places and things, events etc. through different eyes and different view point.
- Students accurately and precisely communicate- both in speaking and writing.
- Apart from these students of English literature can also find jobs in various fields like Translation, Speech writing, Script writing, Teaching, Journalism etc.

Poetry

- Students are acquainted with poetry and its various forms.
- To develop a taste for poetry reading and writing.
- To develop aesthetic sense of students.
- To develop imagination in students.
- To enable students to read the poem with correct rhyme and rhythm.
- Use proper pattern of intonation.
- Read biographies and literary compositions of great poets like Shakespeare, Milton, Pope, Shelley, Keats etc.

Prose

- Students learn prose and its forms.
- It enables the students to understand the passage, to read fluently, to enrich vocabulary and enjoy reading and writing.
- Enhance the writing skills of the students.
- Understand a passage and grasp its meaning.
- To read with correct pronunciation, stress, pause etc.

- To comprehend and grasp the themes of the essays.
- Read essays of eminent writers like Bacon, Addison, Lamb, Gardiner etc.

Drama

- Student learns Drama- its origin, its types, and various dramatic devices.
- Drama helps to enhance language and communication skills.
- Drama develops emotional intelligence.
- Drama nurtures creativity.
- Drama augments performance skills.
- Students acquire analytical skills to make critical and rational judgments.
- Understanding dramatic art forms and the ability to express themselves imaginatively and effectively.

Fiction

- Students understand the definition, structure, history of fiction.
- Understands the elements of novel.
- Explain themes and plot construction.
- Understands the nuances of characterization
- Describe and explain setting of novels.
- Relate the novel to the real life.
- Read the novels of great novelist - Jane Austen, Dickens, Orwell, IssacAsimov etc.