

### Course Outcomes:

BA./B.Sc.,B.Sc(Home

Science)/B.Com.-Part-I

Subject:English Language:

On studying this paper, the student will be able to:

1. Develop of comprehensive ability.
2. Improve of vocabulary.
3. Have Effective communication skills.
4. Have faith in human values.
5. Acquire knowledge of Indian culture and tradition.
6. Write effectively and coherently.

BA./B.Sc.,B.Sc(Home Science)/BC

om, Part-II

Subject:English Language:

On studying this paper the student will have the

1. Ability to discuss and respond to the content of the passage.
2. Knowledge of science and information technology.
3. Writing skills through exercises in grammar and composition.

BA./B.Sc.,B.Sc(Home

Science)/B.Com.-Part III

Subject:English Language:

On studying this paper the student will have the

1. Familiarity with values of Indian life and social system.
2. The ability to see India in the Modern context.
3. Developed linguistic competence and communication skills.

## B.A.-I

### Subject: Political Science

#### Paper-I: Political Theories

On studying this paper, the student will be able to:

1. Know about state, its essential elements and different theories of the origin of state and basic knowledge about political science.
2. Know about citizenship equality liberty and many other important things.

#### Paper-II: State Government and Politics

On studying this paper, the student will be able to:

1. Know about constitution its main characteristics and fundamental rights and duties.
2. Know about state government, Election Commission and electoral reform.

## B.A.-II

### Subject: Political Science

#### Paper-I: Western Political Thought

On studying this paper, the student will be able to:

1. Know about main western political thinker just like Plato, Aristotle, Hobbes, Locke, Rousseau and their thoughts about political institutions.
2. Know the different principles given by various thinkers

#### Paper-II: Comparative Government and Politics

On studying this paper, the student will be able to:

1. Know the main political system which is adopted by different countries.
2. Know about the main characteristics of political system of different countries like Britain, China, America and Switzerland

**B.A.-III**

**Subject: Political Science**

**Paper-I: International Politics**

On studying this paper, the student will be able to:

1. Know about the significance of international politics and its impact on different countries.
2. Know about the Disarmament, Globalization and Diplomacy etc.

**Paper-II: Public Administration**

On studying this paper, the student will be able to get:

1. Knowledge of Public Administration its importance and scope.
2. Knowledge about government's part like legislature, executive and judiciary and its control on administration.

## **Course Outcomes:**

**M.A.-Ist.Sem.**

**Subject: Political Science**

**Paper-I: Political Thought**

On studying this paper, the student will be able to

1. Understand different political ideologies of different thinkers.
2. Know students the importance of different political thought and theories.

**Paper-II: Comparative Politics**

On studying this paper, the student will be able to:

1. Know the characteristics and main features of politics of different countries.
2. Know the differences in main political system of different countries.

**Paper-III: Public Administration I**

On studying this paper, the student will be able to:

1. Know the meaning and importance of Public Administration.
2. Know about private and public administration.

**Paper-IV: Foreign Policies of Major Countries**

On studying this paper, the student will be able to:

1. Knowledge of foreign policies of different countries like America, Japan, and China etc.
2. Get knowledge regarding the importance of relations among various countries.

**M.A.-IInd Sem.**

**Subject: Political Science**

**Paper -I: Western Political Thought**

On studying this paper, the student will be able to:

1. Know various political thoughts and their importance in today's political systems.
2. Know various theories given by political thinkers about politics.

**Paper-II: Politics of Developing Countries**

On studying this paper, the student will be able to:

1. Know the working and importance of political parties and pressure groups of different countries.
2. Know the functions and organization of legislature, Executive and Judiciary.

**Paper-III Public Administration II**

On studying this paper, the student will be able to:

1. Know the working of personnel administration, Bureaucracy, Union Public Service Commission and about recruitment.
2. Know about financial administration and formation of budget and its importance in Administration.

**Paper-IV: Foreign Policy of India**

On studying this paper, the student will be able to:

1. Know about foreign policy of India with various countries such as Bangladesh, China Nepal and Cyclone.
2. Know about the basic and main features of Indian foreign policy.



**M.A.-IIIrd Sem.**

**Subject: Political Science**

**Paper-I: Indian Govt. and Politics**

On studying this paper, the student will be able to:

1. Get knowledge about constitution, its characteristics and fundamental rights.
2. Get knowledge about Parliament, Supreme Court, judicial review and judicial activism.

**Paper-II: International Politics**

On studying this paper, the student will be able to:

1. Know about international politics and its importance.
2. Know the concept of world state and different principles of international policies.

**Paper-III: Research Methodology**

On studying this paper, the student will be able to:

1. Knowledge of research methodology to students.
2. Develop research skills as research is necessary for the academic development of the subject.

**Paper-IV: International Organizations**

On studying this paper, the student will be able to:

1. Get knowledge about the role and importance of international organization like League Nation, U.N.O.
2. Get knowledge about the structure and functions of these organizations and its agencies.

## M.A./Vth Sem.

### Subject: Political Science

#### Paper-I: Politics of State

On studying this paper, the student will be able to:

1. Get knowledge about the center and state relations and their importance.
2. Get knowledge of influence of caste, religion, region and language in Indian politics.

#### Paper-II: International Politics and Contemporary Issues

On studying this paper, the student will be able to get:

1. Knowledge of Non alignment, cold war, Globalization, Human Rights, Environment etc.
2. Knowledge about New World Order and Terrorism.

#### Paper-III: Research Methodology and Field Work

On studying this paper, the student will be able to:

1. Learn the use of tools and techniques in data collection.
2. Learn the use of statistics and use and significance of computer in research.

#### Paper-IV: International law

On studying this paper, the student will be able to:

1. Know what are international law and its importance.
2. Get knowledge about the rights and duties of state.
3. Know about the limitations and possibilities of international law.

Course Outcomes:

बी.ए./ बी. एससी./बी. कॉम. - प्रथम

आधार पाठ्यक्रम

प्रश्नपत्र - प्रथम हिंदी भाषा

उद्देश्य:-

1. भाषा - ज्ञान का विकास
2. भाषा का शुद्ध प्रयोग करना
3. संप्रेषण कौशल बढ़ाना

बी.ए./ बी. एससी./बी. कॉम. - द्वितीय

प्रश्नपत्र - प्रथम हिंदी भाषा

उद्देश्य:-

1. हिंदी भाषा के विविध रूपों का ज्ञान
2. साहित्य - संस्कृति से जोड़ना
3. व्याकरणिक ज्ञान का विकास

बी.ए./बी. एससी./बी. कॉम. - तृतीय

प्रश्नपत्र - प्रथम हिंदी भाषा

उद्देश्य:-

1. संप्रेषण कौशल की वृद्धि
2. साहित्य संस्कृति एवं सामान्य ज्ञान प्रदान करना



बी.ए.:- तृतीय वर्ष (हिंदी साहित्य )

प्रश्नपत्र - प्रथम जनपदीय भाषा साहित्य (छत्तीसगढ़ी )

उद्देश्य :-

1. छत्तीसगढ़ी साहित्य का परिचय
2. क्षेत्रीय भाषा को प्रोत्साहन

प्रश्नपत्र - द्वितीय हिंदी भाषा साहित्य का इतिहास तथा काव्यांग विवेचन

उद्देश्य :-

1. हिंदी भाषा के विविध रूपों एवं हिंदी साहित्य के इतिहास का सम्यक ज्ञान कराना
2. काव्यांग विवेचन

## बी.ए. समाजशास्त्र

### बी.ए. प्रथम वर्ष

प्रथम प्रश्न पत्र - समाजशास्त्र का परिचय विद्यार्थियों को समाजशास्त्र की विभिन्न अवधारणाओं के बारे में जानकारी मिलती है।

द्वितीय प्रश्न पत्र - समकालीन भारतीय समाज - पारम्परिक भारतीय समाज में आये परिवर्तन और समकालीन भारतीय समाज की जानकारी मिलती है।

### बी.ए. द्वितीय वर्ष

प्रथम प्रश्न पत्र - समाजशास्त्र एवं ग्रामीण समाज - ग्रामीण समाज के विशेषताओं एवं समस्याओं की जानकारी मिलती है।

द्वितीय प्रश्न पत्र - अपराध एवं समाज - अपराध के कारण, समाज के उत्तरदायित्व एवं अपराध को रोकने के तरीकों के विषय की जानकारी मिलती है।

### बी.ए. तृतीय वर्ष

प्रथम प्रश्न पत्र - समाजशास्त्रीय चिन्तन के आधार - विभिन्न समाज शास्त्रीय विचारों एवं विचारकों की जानकारी मिलती है।

द्वितीय प्रश्न पत्र - पद्धतियाँ एवं समाजिक अनुसंधान - समाजिक अनुसंधान एवं उसकी उपयोगिता के विषय में जानकारी मिलती है।

## Course Outcomes:

एम.ए. समाजशास्त्र प्रथम सेमस्टर

### प्रश्नपत्र प्रथम उत्कृष्ट समाजशास्त्रीय अध्ययन

विभिन्न विद्वानों के विचार और उनका समाजशास्त्र में योगदान देशकाल व परिस्थिति के कानन 17वीं सदी में औद्योगिक क्रांति व फ्रांस की क्रांति हुई इसके पश्चात् विषय की पूर्णता समाजशास्त्र के रूप में आया प्रथम प्रत्यक्षवादी विचारक आगस्ट कॉम्ट, विचारक मैक्स वेबर, स्पेन्जर, पैरेटी समकालिक समाजशास्त्री मार्टिन पर्सैस, सैरोकिक आदि विचारको ने समाज विज्ञान में क्या योगदान दिया इस सम्बन्ध इस प्रश्नपत्र से विद्यार्थियों को जानकारी दी जाती है पी.एस.सी. व यु.पी.एस.सी. व सहायक प्राध्यापक बनने के लिए इस विषय की उपयोगिता हो

### प्रश्नपत्र द्वितीय (औद्योगिक समाजशास्त्र)

यह प्रश्नपत्र एम.ए. प्रीवियस और फाइनल के विद्यार्थियों हेतु ऐच्छिक है जिसमें उन्हें उद्योग व समाज के बारे में बताया गया उन्हें औद्योगिक विकास, औद्योगिकरण व औद्योगिक क्रांति के बारे में जानकारी दी गई औपचारिक व अनौपचारिक संगठन के बारे में जानकारी दी गई छात्रों को औद्योगिक समाज एवं उत्तर समाज के बारे में बताया गया जिससे उन्हें उद्योग आधारित समाज पर महत्वपूर्ण जानकारी प्राप्त हुई

### प्रश्नपत्र तृतीय (सामाजिक विज्ञानों का पद्यति शास्त्र )

इसमें विद्यार्थियों का सामाजिक विज्ञानों का पद्यतिशास्त्र पढ़ाया गया जिसमें उन्हें किसी भी सामाजिक घटना या समस्या का अध्ययन करने हेतु वैज्ञानिक पद्यति का प्रयोग करने हेतु जानकारी दी गयी जिससे विद्यार्थियों को समां- शोध या अनुसन्धान सर्वेक्षण करने हेतु वैज्ञानिक दृष्टि प्राप्त हुए और वे फील्ड वर्क को अच्छी तरह से कर पाए फर्स्ट और सेकंड में यह प्रश्नपत्र अनिवार्य है जिसमें साक्षात्कार लेना प्रश्नावली व अनुसूची बनाना सीखे

### प्रश्नपत्र चतुर्थ (अपराधशास्त्र व दण्डशास्त्र)

अपराध व समाज का सम्बन्ध युगो युगीन रहा है जहा समज है वह अपराध होगा ही अतः अपराध बाल अपराध महिला अपराध संगठित अपराध इनकी जानकारी दी जाती है अपराध के रोक थाम के कानून दंडपुलिस न्यायलय आदि की जानकारी के साथ ही प्रायोगिक तौर पर इन्हे उच्चन्यायलय व रायपुर के केंद्रीय जेल भ्रमण कराया जाता है इस विषय को नैक स्टेट पी-एस.सी. व यु.पी.एस.सी. में परीक्षा के दौरान जानकारी अति आवश्यक है

एम. ए. समाजशास्त्र द्वितीय सेमस्टर

**प्रश्नपत्र प्रथम: परिवर्तन और विकास का समाजशास्त्र**

परिवर्तन और विकास का समाजशास्त्र प्रश्नपत्र में उन्हें परिवर्तन की अवधारणा बताई गई है की उद्विगल प्रगति एक रुपांतरण तथा होता है परिवर्तन क्यों और कैसे होता है इस हेतु उन्हें मिडल्ले व परिवर्तन के कारक बताये गए उन्हें परिवर्तन की प्रक्रियाएं यथा संस्कृतिकरण पश्चिमीकरण आधुनिकीकरण व धर्म निर्पेक्षिकरण की जानकारी दी गई समा. व आर्थिक विकास के साथ वैश्वीकरण के बारे में बताया गया किन प्रकार आर्थिक सुधारों के समा परिणाम हुए सुचना प्रौद्योगिक क्रांति से हमारा भारतीय समाज कैसे प्रभावित हुआ

**प्रश्नपत्र द्वितीय : सामाजिक विज्ञानों का पद्यति शास्त्र**

इसमें विद्यार्थियों का सामाजिक विज्ञानों का पद्यतिशास्त्र पढाया गया जिसमें उन्हें किसी भी सामाजिक घटना या समस्या का अध्यन करने हेतु वैज्ञानिक पद्यति का प्रयोग करने हेतु जानकारी दी गयी जिससे विद्यार्थियों को समा. शोध या अनुसन्धान सर्वेक्षण करने हेतु वैज्ञानिक दृष्टि प्राप्त हुए और वे फील्ड वर्क को अच्छी तरह से कर पाए फर्स्ट और सेकंड में यह प्रश्नपत्र अनिवार्य है जिसमें साक्षात्कार लेना प्रश्नावली व अनुसूची बनाना सीखें

**प्रश्नपत्र तृतीय : औद्योगिक समाजशास्त्र**

यह प्रश्नपत्र एम ए प्रीवियस और फाइनल के विद्यार्थियों हेतु ऐच्छिक है जिसमें उन्हें उद्योग व समाज के बारे में बताया गया उन्हें औद्योगिक विकास, औद्योगिकरण व औद्योगिक क्रांति के बारे में जानकारी दी गई औपचारिक व अनौपचारिक संगठन के बारे में जानकारी दी गई छात्रों को औद्योगिक समाज एवं उत्तर समाज के बारे में बताया गया जिससे उन्हें उद्योग आधारित समाज पर महत्वपूर्ण जानकारी प्राप्त हुई

**एम. ए. - समाजशास्त्र तृतीय सेमस्टर**

**प्रश्नपत्र प्रथम: परिपेक्षीय सिहौत व रिसेंट सामाजिक सिहौत**

तृतीय सेमेस्टर के प्रथम प्रश्नपत्र में परिपेक्षीय सिहौत व रिसेंट सामाजिक सिहौत पर पूर्ण जानकारी उपलब्ध कराया जाता है इस विषय के संरचनात्मक उत्तर संरचनात्मक आधुनिकतावाद उत्तर आधुनिकतावाद व सामाजिक सिहौत उत्तर आधुनिकतावाद पर विचारों की विद्यार्थियों शिक्षा दी जाती है इसका व्यवहारिक पहलु यह है की १९वीं- शदी के विचारक यदि मार्क्स के विचार है वो वर्तमान विचारक उहरन या मर्टन के विचारों पर अलेक्ज़ेंडर के विचार का क्या जमिनात्मक मूल्यांकन रहा है विनिमय का सिहौत प्रतीकात्मक अनुक्रियावाद व लोकविधि आदि विचारकों की जानकारी वर्तमान नैक++ स्लेट पी.एस.सी. सहा. प्राध्यापक बनाने में जानकारी आवश्यक हो



### प्रश्नपत्र द्वितीय : औद्योगिक समाजशास्त्र

यह प्रश्नपत्र एम ए प्रीवियस और फाइनल के विद्यार्थियों हेतु ऐच्छिक है जिसमें उन्हें उद्योग व समाज के बारे में बताया गया उन्हें औद्योगिक विकास, औद्योगिकरण व औद्योगिक क्रांति के बारे में जानकारी दी गई औपचारिक व अनौपचारिक संगठन के बारे में जानकारी दी गई छात्रों को औद्योगिक समाज एवं उत्तर समाज के बारे में बताया गया जिससे उन्हें उद्योग आधारित समाज पर महत्वपूर्ण जानकारी प्राप्त हुई

### प्रश्नपत्र तृतीय : अपराधशास्त्र व दण्डशास्त्र

अपराध व समाज का सम्बन्ध युगो युगीन रहा है जहाँ समाज है वह अपराध होगा ही अतः अपराध बाल अपराध महिला अपराध संगठित अपराध इनकी जानकारी दी जाती है अपराध के रोक थाम के कानून दंडपुलिस न्यायलय आदि की जानकारी के साथ ही प्रायोगिक तौर पर इन्हें उच्चन्यायलय व रायपुर के केंद्रीय जेल भ्रमण कराया जाता है इस विषय को नैक स्टेट पी एस सी व यु पी एस सी में परीक्षा के दौरान जानकारी अति आवश्यक है

### प्रश्नपत्र चतुर्थ : भारत में सामाजिक आंदोलन

यह प्रश्नपत्र तृतीय व चतुर्थ सेमेस्टर में अनिवार्य है जिसमें छात्रों को आंदोलन के बारे में बताया गया भारत में हुए विभिन्न आंदोलनों का इतिहास और उनके प्रकार बताये गए उन्हें आंदोलनों के कारणों और परिणामों की जानकारी दी गई जिससे विद्यार्थियों को भारत में अब तक हुए आंदोलनों के बारे में ज्ञान प्राप्त हुआ और उनकी सफलता या असफलता के बारे में जानकारी हुई और भारतीय समाज के प्रति जागरूक हुए विद्यार्थियों को इतिहास का ज्ञान हुआ

### एम. ए. - समाजशास्त्र चतुर्थ सेमेस्टर

#### प्रश्नपत्र प्रथम : तुलनात्मक समाजशास्त्र

तुलनात्मक समाजशास्त्र में भारतीय एवं पश्चिमी समाज की तुलना की गई है जिसमें एम.ए. चतुर्थ सेमेस्टर के विद्यार्थियों को पश्चिम में समाज का उद्भव व विकास कैसे हुआ और फिर समाजशास्त्र का अमेरिकीकरण किस प्रकार हुआ वैश्वीकरण का भारत पर क्या प्रभाव पड़ा आधुनिकता से भारतीय समाज कैसे प्रभावित हुआ भारतीय समाज पूर्व में कैसा था और वर्तमान में भारतीय समाज कैसा है तथा भविष्य में कैसा होगा इस विषय में महत्वपूर्ण जानकारी दी गई है

### प्रश्नपत्र द्वितीय : भारत में सामाजिक आंदोलन

यह प्रश्नपत्र तृतीय व चतुर्थ सेमेस्टर में अनिवार्य है जिसमें छात्रों को आंदोलन के बारे में बताया गया भारत में हुए विभिन्न आंदोलनों का इतिहास और उनके प्रकार बताये गए उन्हें आंदोलनों के कारणों और परिणामों की जानकारी दी गई जिससे विद्यार्थियों को भारत में अब तक हुए आंदोलनों के बारे में ज्ञान प्राप्त हुआ और उनकी सफलता या असफलता के बारे में जानकारी हुई और भारतीय समाज के प्रति जागरूक हुए विद्यार्थियों को इतिहास का ज्ञान हुआ

### प्रश्नपत्र तृतीय : परिवर्तन और विकास का समाजशास्त्र

प्रश्नपत्र में उन्हें परिवर्तन की अवधारणा बताई गई है की उद्विकास प्रगति एवं रूपांतरण क्या होता है परिवर्तन क्यों और कैसे होता है इस हेतु उन्हें सिद्धांत व परिवर्तन के कारक बताये गए उन्हें परिवर्तन की प्रक्रियाएं यथा संस्कृतिकरण पश्चिमीकरण आधुनिकीकरण व धर्म निर्पेक्षिकरण की जानकारी दी गई समा- व आर्थिक विकास के साथ वैश्वीकरण के बारे में बताया गया किस प्रकार आर्थिक सुधारों के समा- परिणाम हुए सुचना प्रौद्योगिक क्रांति से हमारा भारतीय समाज कैसे प्रभावित हुआ



## Course Outcomes:

### B.A-I

#### Subject: Ancient Indian History

##### Paper-I: Political History of India

On studying this paper, the student will be able to know:

1. Political History of ancient India. The life-story of the Indian people in their formative stage struggling to find happiness both here & hereafter.
2. Reconstruction of that past history through a selection of significant facts.

### B.A-II

#### Subject: Ancient Indian History

##### Ancient Indian Social & Economic Instruction

On studying this paper, the student will be able to:

1. Study Indian society that subjected to a variety of impacts under which the Indian people had to learn to adopt themselves to an ever changing environment.
2. Study of Social organization in India which is often remarked as the caste system.

##### Ancient Indian Polity: -

1. All forms of Human organization that of the state.

### B.A-III

#### Subject: Ancient Indian History

##### Art & Architecture

On studying this paper, the student will be able to:

1. Study the Indian art tradition which one of the oldest living art traditions in the world.
2. The art of country with its history social & economical perspective.
3. Excavation of the sites of the old towns like Harappa Mohenjo-Daro & Taxila information of the other ancient monuments.

M.A. - III & Final Sem.

Subject: Ancient Indian History

Paper-I: Political History of India

On studying this paper, the student will be able to:

**"Historiography in India was never more than a branch of epic poetry."**

1. Get the glimpse of the glorious past which is aptly called our 'cultural heritage' in right perspective & without a tinge of bias & an iota of exaggeration.

Paper-II:

On studying this paper, the student will be able to:

**Unity in diversity is the basic theme of our culture & continuity & change are its main currents.**

Our culture abhors pollution & assimilates the essentials. The Greeks, the Scythians, the hernians & many other came, saw & conquered India but now they have lost their distant ethnic identities & are known today as "Indians" Bharat their motherland. Let us preserve this cultural unity & scorn communalism separatism & terrorism.

Paper-III: Social & Economic Institutions in Ancient India

On studying this paper, the student will be able to:

1. Indian society information about subjected to a variety of impacts under which the Indian people had to learn to adopt themselves to an ever changing environment.

2. Knowledge about the caste & the guild two dominant forms of social & economic organization in ancient India.

Paper-IV: Polity (Ancient Indian Polity)

On studying this paper, the student will be able to:

1. About the Arthashastra or science of polity of Kautilya that the cumulative expression of a long tradition of political speculation & theorizing.

2. Studies on state formation & state structures have often stressed the importance of the ideology, despite the inherent analytical & conceptual difficulties that the nations of ideology possess.

M.A.-IIIrd & IVth Sem.

Subject: Ancient Indian History

Paper-I: Numismatics

On studying this paper, the student will be able to

1. A study of the Indian coins enlightens us a great deal regarding the history of ancient India.
2. Coins help us to build up the history of the country in many ways.
3. Information about the kings who ruled at various times in different parts of the country.
4. Fix up the chronology. The location of coins helps us to determine the extent of the territory of a king.
5. Coins are discovered from time to time either in the archaeological excavations purposely or accidentally.

Paper-II: Epigraphy & Paleography

On studying this paper, the student will be able to:

1. Epigraphy is the study of inscriptions & inscriptions literally means any writings engraved on some objects.
2. Inscriptions are of great value as they are engraved on stones & metals. They cannot be tampered with without detection. 3. The knowledge of epigraphy & paleography has to be acquired by an intensive study of numerous published inscriptions.
3. Inscription can be grouped under the following heads: commercial, magical, religious, administrative, eulogistic, dedicative, commemorative & literary.

Paper-III: Art & Iconography

On studying this paper, the student will be able to:

1. Indian art is not only one of the oldest & profusely productive but it also shows a remarkable diversity of forms of expression.
2. Information about the art of every country which has deep roots in its history, social & economic. The art of ancient India has grown in & developed out of a specific milieu. The conditions of which have determined the forms of its expression & controlled the pace of its growth.

3. The history of the art of ancient India is to be very significant. The Indian art tradition is one of the oldest living art traditions in the world.

#### **Paper-IV: Architecture**

On studying this paper, the student will be able to:

1. About architecture in India that is represented by many different types of buildings, which however maybe referred to two conventional divisions of (a) religious & (b) secular.
2. About the ancient monuments like buildings, statues of stone or metals, terra-cotta ornaments & decorative fragments, pottery etc. give us a lot of useful & reliable information.



**Course Outcomes:**

**B.A.-I**

**Subject: Economics**

**Paper-I: Micro Economics**

Upon successful completion of this Paper the student will be able to:

1. Factors affecting consumer demand
2. Production and cost matrix in output determination
3. Various market forms and determination of prices in these markets
4. How factor prices are determined
5. Factors of welfare as conceptualized by economists

**Paper-II: Indian Economy**

Upon successful completion of this Paper the student will be able to:

1. How Indian economy is changing toward a market based economy.
2. What are basic features of Indian Economy?
3. Planning in India and economic reform introduced and rationale behind reform.
4. Role of Industry and various policy decisions to induce industrial revolution in India.
5. Importance of foreign sector and rationale behind export promotion schemes.

**B.A. - II**

**Subject: Economics**

**Paper-I: Micro Economics**

Upon successful completion of this Paper the student will be able to:

1. National income and understand how it is calculated.
2. Factors responsible for employment determination.
3. Consumption and investment and their importance in N.I. determination.
4. Trade cycles and various factors responsible for trade cycle.
5. Export- Import and its related concepts
6. International institutions for trade and Economics.

### Paper-III: Money, Banking and Public Finance

Upon successful completion of this Paper the student will be able to:

1. How values of money change.
2. Inflation and measures to control inflation.
3. Banks, their role in economy and Central Banking system.
4. State and effect of its intervention in the economy.
5. Sources of various revenues to state.
6. Public debt and economic effects.

### B.A. - III

#### Subject: Economics

#### Paper-I: Development and Environmental Economics

Upon successful completion of this Paper the student will be able to understand:

1. Economic well being of various nations; Poverty and emerging trends to measure poverty and deprivation.
2. Population and Economy linkage, various perspective developments.
3. Environment, Growing importance of study of Environment Economy inter play.
4. Various socio- economic issues affecting mankind.

#### Paper-II: Statistical Methods

Upon successful completion of this Paper the student will be able to:

1. Statistics, data collection
2. Measurement of representative values.
3. Easement of various representative values.
4. Inter-relationship between social and economic variables.
5. Construction of Index numbers and Measurement of trend.



**Course Outcomes:**

**B.Sc. Physics**

**B.Sc. Physics Part I**

**Paper-I:** Mechanics, oscillation and properties of matter. It helps understand effect of centrifugal and Coriolis forces due to the earth's rotation.

**Paper-II:** Electricity, magnetism and electromagnetic theory. It helps understand different theories regarding electricity and magnetism.

**B.Sc. Physics Part II**

**Paper-I:**

Thermodynamics, Kinetic theory and statistical physics-Helps understand the laws of thermodynamics and statical basis of thermodynamics

**Paper-II:**

Acoustics and optics- Helps understand the speed of transverse waves on uniform string. Also helps understand interference of light.

**B.Sc. Physics Part III**

**Paper-I:**

Relativity Quantum Mechanics, atomic, molecular and nuclear physics-helps understand theory of relativity and quantum theory.

**Paper-II:**

Solid state physics-Helps understand atmosphere and crystalline solids and elements of symmetry.

## Course Outcomes:

Name of the Program: B.Sc. in Mathematics

B.Sc. 1<sup>st</sup> Year

### Paper: I:- Algebra and Trigonometry

Upon successful completion of this subject the student will be able to :-

#### 1. Matrices:-

1. Matrices are used in solving linear equations
2. Many area of Numerical Analysis depend upon linear equations.
3. Specific field of applications are computer graphics & cryptography etc.

#### 2. Theory of Equations

1. Know about number system.
2. Understand the famous Fermat's theorem.
3. Use in cryptography, Computer Science etc.

#### 3. Algebra

1. Algebra is a science of operations.
2. Use in Computer Science and Information Technology.
3. Used for logic & fuzzy set theory.

### Paper: II:- Elements of Calculus

Upon successful completion of this subject the student will be able to:

1. Importance of its use in almost all branches of engineering.
2. It is a science that deals with rate of change.
3. Applications of differentiation include measuring velocity, acceleration, etc.
4. Applications of Integration include estimating areas, volumes, etc.

### Paper: III:- Vector Analysis and Geometry

Upon successful completion of this subject the student will be able to:

1. Understanding the change of origin and change of scale,
2. Study of rate of change of vectors is vector calculus.
3. Use in Physics and Mechanics.
4. Understand the concepts of gradient, divergence, curl and their application

**Paper: I. Advanced Calculus**

Upon successful completion of this subject the student will be able to

1. Use in almost all branches of Engineering
2. Mainly deals with differentiation & integration
3. To learn measurable sets.
4. Understand nature of function, like cert. conv. & monotonics.
5. Find area of double & volume of trip integral.

**Paper: II. Differential Equation**

1. Differential equations are used in Mathematical Modeling.
2. Useful for solving many engineering problems.
3. It is used to solve both ordinary and partial differential equations.
4. Applications are in all branches of engineering.
5. Learn properties of Laplace transforms and inverse Laplace transforms.

**Paper: III. Mechanics**

Upon successful completion of this subject the student will be able to:

1. To study about 2-dimentional motion.
2. To study about Simple Harmonic motion, Projectile.
3. To learn about Kepler's laws of motion.
4. Use in many fields of Engineering, especially Civil and Mechanical Engineering
5. Classical Mechanics finds a large number of interesting applications in daily life

## B.Sc. 3<sup>rd</sup> Year

### Paper I. Analysis

Upon successful completion of this subject the student will be able to:

1. To learn properties of complex numbers.
2. To understand the use of complex numbers in the field of Calculus.
3. It is used in fixed point theorem and mapping principles.
4. To study continuous functions and convergence of sequences in metric spaces.
5. To learn connected complete and compact metric spaces.

### Paper II. Abstract Algebra

Upon successful completion of this subject the student will be able to:

1. It is branch of algebra.
2. Used in Discrete Mathematics, Computer Science, Information Technology etc.
3. To learn about modules.
4. To learn about canonical forms.
5. To learn about Vector Space and Inner product.

### Paper III. Discrete Mathematics

Upon successful completion of this subject the student will be able to:

1. Understand the basics of graph theory.
2. To understand trees and spanning trees.
3. Used in Genomics, networks, etc.
4. Useful for understanding sets, logic and probability theory.
5. Used in Discrete Mathematics, Computer Science and I.T.



### Course Outcomes:

#### B.Sc.-Part-I

#### Subject: Chemistry

#### Paper-I: Inorganic Chemistry

Upon successful completion of this subject the student will be able to:

1. Describe atomic structure on the basis idea of de Broglie matter waves, Heisenberg uncertainty principle, Schrodinger wave equation and atomic orbital.
2. Describe the shapes of s, p, d orbital's surface and Pauli exclusive principle, Hund's rule.
3. Write down the electronic configuration of elements and calculate I.A.N.
4. Describe the periodic (IE, EA, EN) trends in periodic table and their application.
5. Describe covalent bond on the basis of valence bond theory, directional characteristics of covalent bond hybridization with example of simple inorganic molecule.
6. Define bond parameters such as bond strength and bond energy and explain percentage ionic character, ionic solids with reference to ionic structure, radius ratio, lattice defect, and semiconductor.
7. Describe lattice energy, hydration energy, polarising power, Fajan's rule and metallic bonds.
8. Comparative study of s-block elements and salient feature of hydrides, hydration & complexation tendencies, function in bio systems and alkyl & aryls, chemistry of noble gases.
9. Comparative study of p-block elements, halides, hydrides, oxides and oxy acids of B, Al, N & P and their compounds.
10. Describe the principle involved in the detection of acids and basic radicals including interfering radicals.

#### Paper-II: Organic Chemistry

Upon successful completion of this subject the student will be able to:

1. Describe resonance, hyper conjugation, inductive effects, and H-bonding.
2. Describe mechanism of organic reaction including cleavage of bond types of reagent and reaction intermediates.
3. Describe optical and geometrical isomerism including resolution, inversion, retention, racemisations, relative & absolute configuration and nomenclature.

4. Describe the cycloaddition, Hückel's rule, theory, and theory of transition state and tunneling tunnel and reaction mechanism benzene & naphthalene their reactions

5. Study of chemical reactions of Alcohols, Alkenes, dienes and alkyne containing molecules. Diels Alder reaction

6. Study of alkyl halides and acyl halides, mechanism and stereochemistry of various  $S_N1$  substitution and elimination reaction

### **Part-III: Physical Chemistry**

Upon successful completion of this subject the student will be able to:-

1. Describe the mathematical chemistry including logarithmic relation, curve sketching, linear graph, straight line with slope and intercept
2. Determine and workout integration and differentiation, permutation combination and probability,
3. Know about the computers, hardware and software computer language, programming and operation systems.
4. Describe molecular velocities - RMS, average and most probable velocities, Maxwell's law and other relevant details including J-T effect and significances of gases.
5. Describe ideal, real gases and derivation including Vander - Waal's equation.
6. Describe the liquid state, viscosity and surface tension, ideal and non ideal solutions.
7. Describe the colloid properties relate to vapor pressure osmosis, boiling and freezing points molar masses and vant Hoff factor, Liquid crystals, emulsion, micelle, gel.
8. Describe the solid state - classification, symmetry, X-ray diffraction, miller indices and identification of unit cell.
9. Describe the chemical kinetics- rate of reaction, order of reaction and their determination.
10. Describe the catalysis - homogeneous and heterogeneous, industrial applications of cataly



**Lab Course:**

At the end of laboratory course the student will be able to:

1. Analyse inorganic mixture containing four radicals (two acid and two basic) including interfering and combination of acid radicals.
2. Detect the functional group in the given organic compound and determine its melting & boiling points.
3. Crystallize the given organic compound and determine its melting point.
4. Decolorise the given brown colored sugar.
5. Determine the percentage composition of binary mixture of liquids by viscometer and stalagmometer.

**B.Sc.-Part-II**

**Subject: Chemistry**

**Paper-I: Inorganic Chemistry**

Upon successful completion of this subject the student will be able to:

1. Describe the characteristic properties of d-block elements and elements of first transition series, their binary compounds and complexes.
2. Describe the chemistry of elements of second and third transition series.
3. Describe oxidation and reduction, use of red-ox potential data and red-ox diagrams.
4. Describe coordination chemistry, Werner theory, EAN, chalets, nomenclature, isomerism, VBT.
5. Describe the chemistry of lanthanides and actinides.
6. Describe acids and bases by Arrhenius, bronzed- lowery, Lax-flood, solvent system and Lewis concepts.
7. Describe the properties and reactions of non- aqueous solvents w.r.t liquid ammonia and liquid Sulphur dioxide.

### Paper-II: Organic Chemistry

Upon successful completion of this subject the student will be able to:

1. Describe the nomenclature, formation & chemical reactions of dihydric and trihydric alcohols and phenols.
2. Describe mechanism of rearrangement reactions: nucleophilic addition to carbonyl group.
3. Describe oxidation and reduction of aldehydes and ketones.
4. Describe methods of formation & chemical reactions of carboxylic acid and substituted carboxylic acids.
5. Describe reactivity, structure and nomenclature, basicity, structure of amines.
6. Describe Gabriel phthalimide, Hofmann bromamide azo coupling reactions.
7. Describe orbital picture and aromatic character of pyrrole, furan, thiophene and pyridine.
8. Describe preparation and reaction of indole, quinoline and iso quinoline and reactions of indole, quinoline and iso quinoline and electro phallic substitution reactions.

### Paper-III: Physical Chemistry

Upon successful completion of this subject the student will be able to:

1. Describe fundamentals of thermodynamics system, internal energy, enthalpy, heat capacity of gases at constant volume and constant pressure.
2. Calculate  $w$ ,  $q$ ,  $du$  &  $dh$  for the liquefaction of expansion of ideal gases under isothermal and adiabatic conditions, entropy and entropy change.
3. Apply phase rule to one, two and three component systems.
4. Describe Nerst distribution law, Henry's law and their application.
5. Describe specific and equivalent conductance & effect of dilution on conductance.
6. Describe applications of Kohlrausch's law and theories of strong electrolytes, transport and its determination by different methods.
7. Describe electrochemical cell and its conventional representation pH and pKa.
8. Describe corrosion, types, theories and its prevention.

### Paper: Lab Course

Upon successful completion of this subject the student will be able to:

1. Prepare standard solutions of oxalic acid.
2. Determine % of acetic acid in commercial vinegar using NaOH solutions.
3. Sprays different pigments of spinach using paper chromatography.
4. Determine R<sub>F</sub> value of organic compound using paper chromatography.
5. Understand effect of temperature on solubility of benzoic acids.
6. Calculate ΔH of salvation of benzoic acid in water.
7. Perform a laboratory experiment using conventional equipment, instrumentation and techniques and understand the principle well enough to interpret the data collected.

### B.Sc.-Part- III

#### Subject: Chemistry

#### Paper-I: Inorganic Chemistry

Upon successful completion of this subject the student will be able to:

1. Describe metal- ligands bonding in transition metal complexes crystal field theory.
2. Describe the thermodynamics and kinetic aspect of metal complexes, factor affecting the stability of complexes, substitution reaction in square planer complexes.
3. Describe the magnetic properties of the complexes, determination of magnetic susceptibility, L-S coupling, magnetic moments and application of magnetic moment data.
4. Describe the electronic spectra of transitional metal complexes including types of electronic transition, spectroscopic ground state, Orgel diagrams, spectra of hexa aqua titanium complex.
5. Describe organo metallic chemistry including definition, nomenclature and classification. Alkyls and aryls of Li, Al, Hg, Sn and Ti.
6. A brief account of metal- ethylene complexes, homogenous hydrogenation and mononuclear carbonyl and their nature of bonding.



7. Describe the bio inorganic chemistry including essential and trace elements in biological system, the hemoglobin and myoglobin, biological role of alkali and alkaline earth metals with special reference to  $Ca^{2+}$  and the nitrogen fixation.
8. Classification of acids and bases as hard and soft.
9. Describe HSAB concept, symbiosis and theoretical basis.
10. Describe inorganic polymers - silicon phosphorus.

### Paper-II: Organic Chemistry

Upon successful completion of this subject the student will be able to

1. Describe the formation, structure and chemical reactions of Grignard reagent, organ zinc and organ lithium.
2. Describe the nomenclature, structure formation and reactions of trans. triis ethyl, sulphonic acids, sulph on amides and sulph on guanidine.
3. Describe the organic synthesis via insulates including acidity of alpha hydrogen's, diethyl Malone's and ethyl ace to ace tale and their synthesis.
4. Describe the chaise condensation, Kato - Enola, taut amorism, alkylation of 1, 3-dithianes and a Kyla ion - acryl ion of enemies.
5. Classification, nomenclature of carbohydrates, mechanism of ova zone formation.
6. Describe the inter conversion of glucose & fracture, glucose to mannose, formation of gluersides.
7. Describe mechanism of motè rotation, structure of ribose & doxy RI base disaccharides and poly saccharine.
8. Describe the chemistry of fats, oils and detergents including sanctification value, iodine value, acid value, soap and detergents.
9. Describe synthetic polymers polymerization such as free radical vinyl, ionic vinyl, Z-N, vinyl polymerization condensation or step polymerization.
10. Describe the polyester, polyamides, phenol formaldehyde resin urea formaldehyde resin, epoxy resin and rubbers.
11. Describe synthetic dyes, their classification and chemistry.
12. chemistry and synthesis of methyl orange, Congo red, malachite green, crystal violet, phenolphthalein, fluoresce in, alizarins and indigo.
13. Describe the absorption spectra including UV absorption spectroscopy, beer's lamberts law and type of electronic transition, concept of chromospheres and Auto chrome, different shift.

14. Describe infra-red spectroscopy including type of vibration, hook's law, selection rule, intensity of IR bands, finger print region and characteristic absorption of functional gap.
15. Describe the NMR spectroscopy including all parameters such as nuclear shielding, de-shielding, chemical shift, spin-spin splitting coupling.
16. Interpret the PMR spectra of simple organic molecule.

### **Paper-III: Physical Chemistry**

Upon successful completion of this subject the student will be able to:

1. Describe elementary quantum mechanism through black-body radiation, plank's law, photoelectric effect and heat capacity and Bohr model of H-Atom
2. Describe de-Broglie, hypothesis, uncertainty principle, wave function, Schrodinger wave equation complete.

### **Paper- Lab Course**

Upon successful completion of this subject the student will be able to:

1. Separate components of binary mixture of organic compounds.
2. Synthesize aspirin and sod. Trioxalato ferrate.
3. Estimate Ba as BaSO<sub>4</sub> gravimetrically.
4. To verify Beer's law and determine the conc. of unknown solution of K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub> by using digital photo electric colorimeter.
5. Students will be able to design and carry out scientific experiments as well as accurately record and analyze the results of such experiments.
6. Follow safety procedures and demonstrate proper use of personal protective equipment.



### Course Outcomes:

Name of Program: B.Sc. in Zoology

B.Sc. – II

Paper-I: Anatomy and Physiology

1. Knowledge of the anatomical and physiological similarities and dissimilarities of vertebrate animals by comparative study.

Paper-II Vertebrate Endocrinology, Reproductive Biology, Behavior, Evolution and Applied Zoology

1. Know about the endocrine glands, hormones and mechanism of their action.
2. Different evidences and theories of organic evolution.
3. The behavioral patterns in animals.
4. Economically important animal culture practices.

### Practical Work:

1. Anatomical study of different Invertebrates and Vertebrates animals by Museum Specimens and Slides.
2. Experience the Skeletal system by viewing the bones of vertebrates.
3. Life Cycle of Honey Bee and Silkworm.

B.Sc. – III

Paper -I: Ecology, Environmental Biology, Toxicology, Microbiology and Medical Zoology

1. Know about the major ecosystems of world, characteristics of population, type of pollution and their regulation, conservation of natural resources.
2. Different type of chemical and biological toxicants, their effects and prevention.
3. Importance of Microorganism.
4. Study of Pathogenic animals, diseases and their symptoms and preventions.

**Paper-II: Genetics, Cell Physiology, Biochemistry, Biotechnology and Bio-techniques**

1. Know about the Human Genetics
2. Physiological functions of cells
3. Different Bio-molecules and their metabolism
4. Different Genetical Engineering Techniques
5. Different Bio-instrumental techniques

**Practical Work:**

1. Blood group detection and RBC counting methods.
2. Estimation of Population Density.
3. Identification of bacteria.

**Course Outcomes:**

**B.Sc.-I**

**Subject: Botany**

**Paper-I General Diversity of Microbes and Cryptogames**

1. The student will acquire the knowledge of general diversity of microbes, algae, fungi, Bryophyte and Pteridophyta.

**Paper-II Cell Biology and Genetres.**

1. Knowledge of cell, cell organelle, genitive material, gene expression and genitive variation

**B.Sc.-II**

**Subject: Botany**

**Paper-I Diversity of seed plants and their systematics.**

1. Diversity of gymnosperms and angiosperms.
2. Knowledge of Geological time scale and Fossils.

**Paper-II Structure, development and reproduction in flowering plants.**

1. The vegetative and reproductive structure and development of angiosperms.

**B.Sc.-III**

**Paper-I Plant Physiology, Biochemistry and Biotechnology.**

1. To know the importance of plant water relation, nutrients, Photosynthesis, Respiration and other life supportive processes in plants.

**Paper-II Ecology and utilization of plants.**

1. Knowledge about plants and environment and how plants are important and influence of our life.

**Course Outcomes:**

**B.A.-I**

**Subject: Anthropology**

**Paper-I: Foundation of Anthropology**

Study About all most all branches of anthropology is physical, social, cultural and archaeology.

**Paper-II: Introduction to Physical Anthropology**

Know about evolution and distribution of human population.

**Practical**

This paper covers study of human bones & also applied field like Craniometry and Somateometry.

**B.A.-II**

**Subject: Anthropology**

**Paper-I: Archeological Anthropology**

Study of past human culture which enables the students to understand present cultures in a better way.

**Paper-II: Tribal Cultures of India**

Acquire knowledge about tribal cultures in respect to family, marriage, worship economic, political, religion organization and present government policies for their development.

**Practical**

In this paper student will acquire knowledge regarding Paleolithic Mesolithic & acrolithic tools and it also ensure the students to know tribal material culture better.



**B.A.-III**

**Subject: Anthropology**

**Paper-I: Fundamentals of Human Genetics and Human Growth**

Acquire basic knowledge of genetics and importance of growth, Ecology and Demography.

**Paper-II: Theories of Social Cultural Anthropology**

Know about cultural anthropology with different theories & contribution of famous Anthropologist in the field of social culture anthropology.

**Practical**

This paper deal with Somatometry genetics, Blood group Dermatographics and basic Statistical tools.

**Course Outcomes:**

**Name of Program: M.A. Anthropology**

**M.A. Ist Sem**

**Paper I - Fundamentals of Social/Cultural Anthropology**

Upon successful completion of this subject the student will be able to:

1. About the meaning, scope and branches of Social/Cultural Anthropology.
2. Relation of social anthropology with other science and social sciences.
3. Some basic concept of culture and society.
4. Social, economic and political organizations and religion in primitive society.

**Paper II - Fundamentals of Physical/Biological Anthropology**

Upon successful completion of this subject the student will be able to:

1. About the meaning, scope, branches of physical anthropology and its relation with other Sciences.
2. Theories of Organic evolution.
3. Comparative study of Man & Aps.
4. Concept of Race.

**Paper III - Prehistoric Anthropology & Palaeo- Anthropology**

Upon successful completion of this subject the student will be able to:

1. About the meaning, branches, aims and applications of Archaeology and its relation with other sciences and social sciences.
2. Cultural evolution of man during Paleolithic, Mesolithic stage and dating techniques are part of it.

**Paper IV - Research methods in Anthropology**

Upon successful completion of this subject the student will be able to:

1. Various tools and techniques used in research.

**Lab Course I - Practical in Craniology and Craniometry**

Study and measurement of skull is done in this paper.

**Lab Course II - Practical in Osteology and Osteology**

Study and measurement of bones is carried out in this paper.

## M.A. Ind Sem

### Paper I - Indian Archaeology

Upon successful completion of this subject the student will be able to:

1. Cultural Evolution during Palaeolithic, Mesolithic, Neolithic and Chalcolithic period
2. Indus civilization and megalith culture in India

### Paper II - Fundamentals of Human Genetics

Upon successful completion of this subject the student will be able to:

1. History, scope, branches and elementary principles of genetics
2. Study of genes & inheritance.

### Paper III - Medical Anthropology

Upon successful completion of this subject the student will be able to:

1. Health, Illness and disease from a Social perspective.
2. Epidemiology, Health policy & programmes and Medical statistics.

### Paper IV - Biostatistics & Computer Applications

Upon successful completion of this subject the student will be able to:

1. Measure of dispersion, correlation, test of significance, vital statistics.
2. Introduction to computer.

### Lab Course I - Practicals in Archaeology

Prehistoric tools & techniques and Prehistoric sites are covered within the paper.

### Lab Course II - Compulsory Fieldwork

This is 7-10 days field based research programmes aimed at capacity building of these students to take up independent research programmes.

### Course Outcomes:

Name of Programme: B.Com-I

Group-I

#### Paper-I: Financial Accounting

Upon successful completion of this subject the student will be able to-

1. State the uses and users of accounting information.
2. Explain and apply accounting concepts and principles and conventions.
3. Record basic accounting transactions and prepare annual financial statements.
4. Analyse, interpret and communicate.
5. The information contained in basic financial statement and explains the limitations of such statements.

#### Paper-II: Business Mathematics

1. Analyze real world scenario to recognize when simple and compound interest annuities, pay roll preparation, pricing, invoice preparation, trade discount, taxes and depreciation are appropriate.
2. Formulate problems about the scenario creatively models.
3. Appreciate business mathematics concepts understand and be able to communicate the business concept and mathematics.
4. Work out simple and compound interest annuities.
5. Preparation of pay roll pricing, invoice trade discount taxes and depreciation problem in various situations.



## Group-II

### Business Management-Optional Group

#### Paper-I: Tax Procedure & Practice

##### Objectives

This course is to provide a brief idea about the framework of Indian Income Tax Law and Provisions.

##### Outcomes

Students can get the good basic knowledge of Income Tax Law and Procedure for financial and accounting purpose.

#### Paper-II: Business Communication

Upon successful completion of this subject the student will be able to develop effective business communication skills among the students.

##### Student Learning Outcomes -

1. Apply business communication strategies and principles to prepare effective communication for business situations.
2. Utilize analytical and problem solving skills appropriate to business communication.
3. Communicate via electronic mail, internet and other technologies.
4. Deliver an effective oral business presentation.

#### Paper-III: Business Regulatory Frame Work

This course is to provide a brief idea about the frame work of Indian business laws.

##### Student Learning Outcomes -

1. Basic legal knowledge to commerce students.
2. Knowledge of special contracts.
3. Knowledge of Negotiable Instrument Act.
4. Knowledge of Consumer Protection Act.

### Group-III

#### Paper-I: Business Environment

Upon successful completion of this subject the student will be able to:

1. Define the term ethics.
2. Understand the concept of business ethics.
3. Identify the types of ethical issue.
4. Understand the problems in business ethics.
5. Appreciate the concept of work ethics.
6. Apply the knowledge of ethics in real life situations.

#### Paper-II: Business Economics

Upon successful completion of this subject the student will be able to:

1. Analyze the demand and supply condition and assess the position of a firm.
2. Analyze operations of market under varying competitive conditions.
3. Analyze the local and global business environment. Apply effective written and oral communication skills to business situation.

### Group-II

#### Business Management- Optional Group

##### Paper-I: Tax Procedure & Practice

##### Objectives:

This course is to provide a brief idea about the framework of Indian Income Tax Laws and Provisions.

##### Outcomes:

Students can get the good basic knowledge of Income Tax Law and Procedure for business and accounting purpose.

## **Paper-II: Business Communication**

Upon successful completion of this subject the student will be able to develop effective business communication skills among the students.

### **Student Learning Outcomes -**

5. Apply business communication strategies and principles to prepare effective communication for business situations.
6. Utilize analytical and problem solving skills appropriate to business communication.
7. Communicate via electronic mail, internet and other technologies.
8. Deliver an effective oral business presentation.

## **Paper-III: Business Regulatory Frame Work**

This course is to provide a brief idea about the frame work of Indian business laws.

### **Student Learning Outcomes -**

5. Basic legal knowledge to commerce students.
6. Knowledge of special contracts.
7. Knowledge of Negotiable Instrument Act.
8. Knowledge of Consumer Protection Act.

### **Group-III**

#### **Paper-I: Business Environment**

Upon successful completion of this subject the student will be able to:

7. Define the term ethics.
8. Understand the concept of business ethics.
9. Identify the types of ethical issue.
10. Understand the problems in business ethics.
11. Appreciate the concept of work ethics.
12. Apply the knowledge of ethics in real life situations.

#### **Paper-II: Business Economics**

Upon successful completion of this subject the student will be able to:

4. Analyze the demand and supply condition and assess the position of a firm.
5. Analyze operations of market under varying competitive conditions.
6. Analyze the local and global business environment.
7. Apply effective written and oral communication skills to business situation.



## Course Outcomes:

B.Com-I

Subject: Commerce (Computer Application)

Paper-I: Computer Fundamentals and Office Automation

### Objectives

On successful completion of this subject the student will be able to do the following:

To provide an in-depth training in use of office automation packages, internet etc. essential for common man for day to day office management and e-governance.

1. To understand what Computer is?
2. To understand the basics of operating systems.
3. To understand how to use software packages in day to day activities.
4. Learn the essential and use of internet.

### Outcomes:

1. To learn an in-depth training in use of office automation packages and windows concept.
2. Essential for a modern office for day to day office management.
3. Understand the meaning and basic components of a computer system.
4. Discuss the advantages, limitation and applications of computers.
5. Define and distinguish hardware and software components of computer system
6. Understand the role of CPU and its components.
7. Understand the concept and need of primary and secondary memory.

## Paper-II: Computerized Financial Accounting

### Objectives:

Upon successful completion of this subject the student will be able to

1. To provide an in-depth training in use of TDS/PA database concept and tally.
2. Essential for a modern office for day to day office management.
3. Students will aware with the accounting concept, tools and techniques influencing business organization.

### Outcomes:

At the end of the course student should be able to use accounting and business computing, explain the objective of financial reporting and related key accounting assumptions and principles.

## B.Com-IInd Year

### Subject: Commerce

#### Group-I

### Paper-I: Corporate accounting

Upon successful completion of this course the student will be able to define basic term-

1. A comprehensive understanding of the advanced issue in accounting for assets liabilities and owners equity.
2. The ability to account for a range of advanced financial accounting issues.
3. The ability to prepare consolidated account for corporate group.
4. An understanding of the principles of accounting for investments in associate.
5. Strong verbal and written communication skills.

### Paper-II: Cost Accounting

Upon successful completion of this course the student will be able to define basic term-

1. Explain the terminology, basic concepts and principles of Cost Accounting
2. Prepare cost of goods manufactured statement
3. Analyze transactions and prepare accounting entries for job Costing and Process costing.
4. Analyzing data & prepare cost of production reports for process costing.

### Group-II

#### Paper-I: Principles of Business management

Upon successful completion of this course the student will be able to define basic terms-

1. To facilitate students understanding of their own managerial skills.
2. Use effective communication skill to promote respect, trust and relationships.
3. Practice critical and creative thinking to improve the decision making process.
4. Conduct research to identify new business trends and customer needs.

#### Paper-II: Company law

Upon successful completion of this course the student will be able to define basic terms-

1. Demonstrate comprehensive knowledge and understanding of social and economic policy considerations arising in this area.
2. Critically analyze complex problems in relation to the regulation of companies, apply the legal principles studied to these problems, evaluate competing arguments or solutions and present well supported conclusions both orally and in writing.
3. Read and study primary and secondary sources of company law with minimal staff guidance critically analyze, interpret, evaluate and synthesise information.

### Group-III : Applied Economics

#### Paper-I: Business Statistics

Upon successful completion of this course the student will be able to define basic terms-

It enables the students to gain understanding of statistical techniques as are applicable to business

#### **Student Learning Outcomes -**

1. Studying statistics learn a general system of concepts for Statistical Analysis.
2. Demonstrate the ability to apply fundamental concepts in exploratory data analysis.
3. Apply and interpret basic summary and modeling techniques for deviate data define the concept of least squares estimation in liner regression.
4. Prepare index number.
5. Knowledge of Forecasting Method industry vs. Company Sales.

## Paper-II Tax Procedure & Practice

### Objectives:

It enables the students to attain the theoretical and practical knowledge of direct taxes.

### Outcomes:

Students can get the good practical knowledge of direct tax and income tax law along business and accounting purpose.

## Paper-III: Fundamentals of Entrepreneurship

Upon successful completion of this course the student will be able to define basic terms:

1. Define basic terms
2. Identify the elements of success of entrepreneurial ventures.
3. Explain entrepreneurial project and its essential elements
4. Consider the legal and financial conditions as well as the importance of the entrepreneurial infrastructure for starting a business venture.
5. Evaluate the effectiveness of different entrepreneurial strategies
6. Interpret their own business plan.

## B.Com-IIInd Year

### Subject: Commerce (Computer Application)

#### Paper-I: Internet Application & E-Commerce

Upon successful completion of this course the student will be able to define basic terms-

1. Define E-commerce, its types, application.
2. Describe the life cycle of implementation of E-commerce.
3. Differentiate between E-commerce and other forms of commerce
4. List the modes of payments involved in E-commerce
5. Describe how to create web page and defining internet terminology.
6. Insert a graphics, link, table within web page.
7. Create validate & publish a web page.



### Outcomes:

1. Integrate user-centered design guidelines in developing user-friendly websites
2. Create a static website using HTML and add dynamic functionality to it by using JavaScript
3. Gain confidence to create dynamic websites on real world projects
4. Demonstrate an understanding of the foundations and architecture of E-commerce
5. Analyze the impact of E-commerce on business models and strategy
6. Describe the key features of internet, intranets and extranets and explain how they relate to each other.
7. Assess electronic payment systems.

### Paper-II: Database Management System (DBMS)

#### Objectives:

Upon successful completion of this course the student will be able to define basic term-

1. To understand the different issues involved in the design and implementation of a database system.
2. To study the physical and logical database design, database modeling.
3. To understand and use data manipulation language to quarry, update and manage a database.
4. To develop an understanding of essential DBMS concepts such as database security, integrity and concurrency.

#### Outcomes:

1. Gain a good understanding of the architecture and functioning of database management systems as well as associated tools and techniques, principles of data modeling using entity relationship and develop a good database design and normalization techniques to normalize a database.
2. Understand the use of structured query language and its syntax, transactions, database recovery and techniques for query optimization.
3. Acquire a good understanding of database system concepts and to be in a position to use and design database for different applications.

**B.Com-IIIrd Year**

**Subject: Commerce**

**Paper-I: Income Tax**

**Objective:**

It enables the students to know the basics of income tax and its ramifications.

**Outcome:**

Students can get the good basic practical knowledge of Income tax its deviation (all skill) and techniques use in business and accounting.

**Paper-II: Indirect Taxes**

Upon successful completion of their course a student will be able to:

1. Analyze indirect taxes such as central excise duty, customs duty, state excise duty etc.
2. Learning the procedure of filing returns.
3. Learning the computation of various indirect taxes.

**Paper-III: Management Accounting**

**Objective:**

The course provides the students an understanding of the application of accounting techniques for management.

**Outcomes:**

Students can get good basic knowledge with skill concept of accounting and managerial decision about entrepreneurship.

**Paper-IV: Auditing**

Upon successful completion of the requirements for this course student will be able to:

1. 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.
2. Explain the regulatory environment in which the external auditor operates and apply rules standards and pronouncement to the conduct of a financial report audit and assurance engagements.
3. Perform and apply professional ethics including code of conduct to specific scenario.

4. Describe the various level of presentation of different types of audit evidence
5. Understand auditor's legal liabilities and to be able to apply same law in making a judgement whether auditors might be liable to certain parties.
6. The course aims to develop student cognitive skills, especially, analytical, appreciative and communication skills.

### Marketing Area

#### Paper-I: Principles of Marketing

Upon successful completion of this course a student will be able to:

1. Use an understanding of marketing and the market driven enterprise to differentiate market enterprise.
2. Market economy as a foundation for future course work and employer selection.
3. Identify some of the basic approaches to formulating a market strategy in order to participate effectively when working with marketing policy coordinators.
4. Identify key stages of the market planning process in order to create marketing plan through development of key sections common to most plan.
5. Use knowledge of element of the marketing mix and the functional disciplines of marketing such as research and marketing communication in order to guide future course selections.
6. Use understanding of both the product marketing life cycle including professional role and responsibilities within the life cycle to guide marketing career and identify key stake holders in the business work place.

### Group-II

#### International Marketing

Upon successful completion of this course a student will be able to:

1. Be aware of the differences between domestic marketing and international marketing.
2. Understand how culture affects marketing abroad.
3. Understand the concept of global market.
4. Understand how business customs and motivations may vary from country to country.
5. Develop presentation and writing skills.
6. Work as a team.

### Paper-I Central Excise - Procedure & Practice

#### Objectives:

This course is meant to acquaint the students with the basics of central excise duty.

#### Outcomes:

Upon successful completion of this course a student will be able to:

1. Learning the computation of central excise duty.
2. Learning the procedure of filing returns.

### Paper-II: Custom duty - Procedure and Practice

#### Objective:

Upon successful completion of this course a student will be able to:

This course aims at imparting basic knowledge of custom duty.

#### Outcomes:

1. Learning the computation of custom duty.
2. Learning the procedure of filing returns.

### B.Com-III

#### Subject: Commerce (Computer Application)

#### Paper-I: Programming in Visual Basic

#### Objective:

Upon successful completion of this course a student will be able to:

1. Students will be able to learn visual programming basics and its components.
2. The objective of the course is to cover visual programming skills needed for modern software development.

#### Outcome:

1. Demonstrate fundamental skills in utilizing the tools of visual environment in terms of the set available command menus and toolbars.
2. Explain and use of delegates and event for producing event-driven application.



3. Implement SDI and MDI applications while using forms, dialogs and other types of GUI components.
4. Produce and use specialized new GUI components.
5. Explain message passing mechanism between components and threads using messaging.
6. Apply visual programming to software development by designing projects with menus and submenus.

### Paper-I: System Analysis, Design & MIS

#### Objective:

Upon successful completion of this subject the student will be able to:

1. Define the term system, system analysis and system design.
2. Describe the principle functions of the system analyst.
3. Describe the phases of system development life cycle.

#### Outcomes:

1. Gather data to analyze and specify the requirements of a system.
2. Design system components and environments.
3. Describe the system design tools.
4. Describe the role of maintenance task in the system development life cycle.



**Course Outcomes:**

**PGDCA**

**Subject: Introduction to Software Organization**

**Course Objectives:**

Upon successful completion of this subject the student will be able to:

1. Understand basic knowledge of computer, their types, application and features.
2. Distinguish between System software and Application software.
3. Identify the primary functions of an Operating System.
4. Describe the "boot" process.
5. Identify Desktop and Windows features.
6. Use Utility programs.
7. Compare between Human and Computer Language.
8. Define computer communication process.

**Course Outcome:**

1. Understand the meaning and basic components of a computer system.
2. Discuss the advantages, limitations and applications of computers.
3. Define and distinguish Hardware and Software components of computer system.
4. Identify different computing machines during the evolution of computer system.
5. Gain knowledge about five generations of computer system.
6. Identify and discuss the functional units of a computer system.
7. Identify the various inputs and output units and explain their purposes.
8. Understand the role of CPU and its components.
9. Understand the concept and need of primary and secondary memory.

### Subject: Programming in C++

#### Objectives:

Upon successful completion of this subject the student will be able to:

1. To gain experience about structured programming.
2. To understand the implementation of C language.
3. To understand various features in C.

#### Outcome:

1. Solve the given problem using the syntactical structures of C language.
2. Develop, execute and document computerized solution for various problems using the features of C language.
3. To read and write C program that uses pointers, structures, files etc.

### Subject: Office Automation and Tally:

#### Objective:

Upon successful completion of this subject the student will be able to:

1. To provide an in-depth training in use of Office Automation packages, FoxPro windows concept and tally.
2. Essential for a modern office for day to day office management.
3. Student will learn to create company, enter accounting voucher entries including advance voucher entries, do reconcile bank statement, do accrual adjustments, and also print financial statements, etc.

#### Outcome:

1. To improve quality of output in terms of presentation and reduction in processing time.
2. Student will do by their own create company, enter accounting voucher entries including advance voucher entries, do reconcile bank statement, do accrual adjustments, and also print financial statements, etc.
3. Students do possess required skill and can also be employed as Tally data entry operator.

## Subject: Office Automation and Labs

### Objective

- Upon successful completion of this subject the student will be able to
- 1. Create professional word documents, word spreadsheets, power point presentations using the Microsoft suite of office tools.
  - 2. To familiarize preparation of documents and presentations with office automation tools.

### Outcomes

By learning the course, the students will be able

1. To perform documentation
2. To perform accounting operations
3. To perform presentation skills

## Subject: Practical Based on Programming in "C":

### Objective

Upon successful completion of this subject the student will be able to:

The purpose of this course is to introduce to students to the field of programming using C language. The students will be able to enhance their analyzing and problem solving skills and use the same for writing programs in C.

### Outcomes:

After Completion of the course student should able to know concepts in problem solving, to do programming in C language, to write diversified solutions using C language.

## Subject: Database Management System (DBMS):

### Objectives:

Upon successful completion of this subject the student will be able to:

1. To understand the different issues involved in the design and implementation of a database system.
2. To study the physical and logical database designs, database modeling.
3. To understand and use data manipulation language to query, update, and manage a database.
4. To develop an understanding of essential DBMS concepts such as: database security, integrity, and concurrency.

### Outcomes:

1. Gain a good understanding of the architectural and functioning of different management systems as well as associated tools and techniques, principles of data modeling using entity-relationship and develop a good database design and normalisation techniques to normalise a database.
2. Understand the use of structural query language and its syntax, transactions, database recovery and techniques for query optimisation.
3. Acquire a good understanding of database systems concepts and its use in a practical setting and design databases for different applications.

### Subject: Programming in Visual Basic:

#### Objective:

Upon successful completion of this subject the student will be able to:

1. Learn Visual programming basics and its components
2. Cover visual programming skills needed for modern software development

#### Outcomes:

1. Demonstrate fundamental skills in utilizing the tools of a visual environment in terms of the set of available command menus and toolbars
2. Explain and use of delegates and events for producing event-driven application
3. Implement SDI and MDI applications while using forms, dialogs, and other types of UI components
4. Produce and use specialized new GUI components
5. Explain message passing mechanism between components and threads using messaging
6. Apply visual programming to software development by designing projects with menus
7. and submenus
8. Use visual programming environment to create simple visual applications

### Subject: E-Commerce and HTML:

#### Objective:

Upon successful completion of this subject the student will be able to:

1. Define E-commerce, its types, application
2. Describe the life cycle of implementation of E-commerce
3. Differentiate between E-commerce and other forms of commerce
4. list the modes of payments involved in E-commerce
5. Insert a graphic, link, table within a web page.
6. Use cascading style sheets.
7. Create, Validate & Publish a web page.



### Outcomes:

1. Design and implement an e-commerce application with a shopping cart
2. Integrate user-centered design guidelines in developing user friendly websites
3. Analyze different types of portal technologies and deployment methodologies currently used in the industry
4. Create a static website using HTML and add dynamic functionality to it by using server scripts
5. Gain confidence to create dynamic systems on real world problems

### Subject: Practical Based on E-Commerce and HTML, RDBMS and Visual Basic.

#### Objectives:

Upon successful completion of this subject the student will be able to:

1. Learn how to design and develop a Web page using HTML and CSS.
2. Design and develop a Web site using text, images, links, lists, and tables for navigation and layout. Style your page using CSS, internal style sheets, and external style sheets.
3. Understand, analyze and apply common SQL statements including DDL, DML and DCL statements to perform different operations.
4. Design and implement a database for a given problem according to well known design principles that balance data retrieval performance with data consistency.
5. Students will be able to design, code, test and debug at a beginning level.

#### Outcome:

1. Design and implement a database for a given problem according to well known design principles that balance data retrieval performance with data consistency.
2. Design, create, build, and debug Visual Basic applications
3. Write Windows applications using forms, controls, and events.
4. Create local HTML pages and move them to a remote web server.
5. Design and develop basic web pages using HTML and CSS
6. Link pages so that they create a Web site.



### Subject: Project:

### Objective:

Upon successful completion of this subject the student will be able to:

1. The objective of such a computerization system is to reduce paper-work and save of time in particular defined project. There by increasing the efficiency and decreasing the work load.
2. The project provides us the flexibility of generating the required document on screen as well as on printer as and when required.

### Outcome:

1. Acquire practical knowledge within the chosen area of technology for project development
2. Identify, analyze, formulate and handle programming projects with a comprehensive and systematic approach
3. Contribute as an individual or in a team in development of technical projects
4. Develop effective communication skills for presentation of project related activities

**Course Outcomes:**

**B.A.(Home Science)**

**Paper-I: Anatomy Physiology & Hygiene-** To provide knowledge regarding anatomy and physiology of human body and maintaining personal hygiene

**Paper-II: Extension Education-** To provide knowledge regarding extension of Home Science in community, basic essentiality of extension workers

**B.A.-II**

**Paper-I: Textile & Fiber Science-** To provide knowledge regarding Textile and chemistry of various fibers

**Paper-II: Family Resource Management-** To provide knowledge regarding resources for family, resources for family and their utility

**B.A.-III**

**Paper-I: Human Development-** To provide knowledge regarding human and various stages of development

**Paper-II: Food & Nutrition-** To provide knowledge regarding foods and nutrients in them. The use of nutrients for human health.

## B.Sc.(Home Science) Part-I

**Paper-I: Basic Nutrition** - To provide knowledge regarding foods and nutrients in them. The use of nutrients for human health.

**Paper-II: Resources, management and ecology** - To gain knowledge and principles of planning various types of residential space and skills to choose furnishing materials. Drawing the detail of showing basic plans and creating designs for furnishing items.

**Paper-III: Human development and family dynamics** - To provide knowledge regarding human and various stages of development.

**Paper-IV: Textile and clothing** -

Have hand on training in dress making and textile designing and acquire better computer management skills. teach them the differences in laundering processes used for different fabrics.

**Paper-V: Community development** - Perspective and approaches, socio-economic analysis of communities. To study the ideology of organizing people in development, appropriate collective actions for weaker section for their own development.

**Paper-VI: Personal empowerment and computer basics** - Know the basics of computer. To be able to use computers for educational information and research.

## B.Sc.(Home Science) Part-II

**Paper-I: Nutritional management in health and diseases**- To provide knowledge regarding foods and nutrients in them. The use of nutrients for human health.

**Paper-II: Textile** - To provide knowledge regarding Textile and chemistry of various fibers.

**Paper-III: Community Nutrition**- To provide knowledge regarding foods and nutrients in them to promote the health of community.

**Paper-IV: Communication process** - To understand the process of communication in development work and develop skills in use of media and methods.

**Paper-V: Life span development method** - To develop awareness regarding the development of the whole life span. To understand the issues faced and adjustments required at each stage across the life span. To understand the significance of various creative activities and teachers role in implementing them.

**Paper-VI: Consumer economics** - To understand consumer behavior. To emphasise the importance of consumer rights.

### B.Sc.(Home Science) Part-III

**Paper-I: Nutritional Biochemistry** - To provide knowledge regarding foods and nutrients in them. The use of nutrients for human health.

**Paper-II: Extension Education** - To provide knowledge regarding extension of Home Science in community, basic essentiality of extension workers.

**Paper-III: Art and Design** - Develop an understanding to the application of art principles in design composition of traditional and contemporary art, architecture, textile and interior designs. Develop skill in creating designs and making art objects.

**Paper-IV: Apparel making** - Familiarize with the essentials of apparel making. To enable the students to produce fashion sketches of the garments in an appealing manner with all the detail.

**Paper-V: Early Childhood** - To provide practical experiences of working with children which will enable students to develop necessary skill to work effectively with preschooler in various settings.

**Paper-VI: Food preservation** - Understand the nature of microorganism involve in food spoilage, food infections and intoxication. Understand the importance of microorganism in food biotechnology



## M.Sc.(Home Science)

### First Semester

**Paper-I: Research Methodology** - It emphasizes the need of research and different methods regarding research.

**Paper-II: Nutritional Bio-Chemistry** - To obtain an insight into the chemistry of major nutrients and physiologically important compounds. Understand the biological processes and systems, applicable to human nutrition.

**Paper-III: Clinical Nutrition** - To provide knowledge regarding foods and nutrients in them. The use of nutrients for human health.

**Paper-IV: Food Science**- Understand the nature of microorganism involve in food spoilage, food infections and intoxication. Understand the importance of microorganism in food biotechnology.

### Second Semester

**Paper-I: Statistics and Computer Application** - To emphasizes the importance of statistics and computer in the study of food and nutrition.

**Paper-II: Methods of Investigation** - To give knowledge regarding methods of investigation regarding problems related to food, nutrition and health.

**Paper-III: Problems in human nutrition** - To give knowledge regarding problems in human nutrition and their solution.

**Paper-IV: Food Chemistry** - To study chemical processes and interactions of all biological and non-biological components of foods.

### Third Semester

**Paper-I: Food Microbiology** - To provide knowledge regarding microorganisms that inhibit, create or contaminate food.

**Paper-II: Nutrition and health of women and children**- To provide knowledge regarding health and nutrition issues among women and children.

**Paper-III: Nutrition for health and fitness** - To provide knowledge regarding foods and nutrients to promote the health and fitness.



# M.Sc. (Home Science) (Food and Nutrition)

## First Semester

**Paper-I:** Research Methodology – It emphasizes the need of research and different methods regarding research.

**Paper-II:** Nutritional Bio Chemistry- To obtain an insight into the chemistry of major nutrients and physiologically important compounds. Understand the biological processes and systems as applicable to human nutrition.

**Paper-III:** Clinical Nutrition - To provide knowledge regarding foods and nutrients in them. The use of nutrients for human health.

**Paper-IV:** Food Science- Understand the nature of microorganism involve in food spoilage, food infections and intoxication. Understand the importance of microorganism in food biotechnology.

## Second Semester

**Paper-I:** Statistics and Computer Application – To emphasizes the importance of statistics and computer in the study of food and nutrition.

**Paper-II:** Methods of Investigation – To give knowledge regarding methods of investigation regarding problems related to food, nutrition and health.

**Paper-III:** Problems in human nutrition - To give knowledge regarding problems in human nutrition and their solution.

**Paper-IV:** Food Chemistry – To study chemical processes and interactions of all biological and non- biological components of foods.

## Third Semester

**Paper-I:** Food Microbiology – To provide knowledge regarding microorganisms that inhibit, create or contaminate food.

**Paper-II:** Nutrition and health of women and children- To provide knowledge regarding health and nutrition issues among women and children.

**Paper-III:** Nutrition for health and fitness - To provide knowledge regarding foods and nutrients them to promote the health and fitness.

**Paper-IV: Advanced Nutrition** - To provide latest knowledge regarding foods and nutrients in them .

### Fourth Semester

**Paper-I: Physiology** - To provide knowledge regarding anatomy and physiology of human body and maintaining personal hygiene

**Paper-II: Public Nutrition** - To provide knowledge regarding foods and nutrients in them to promote health of community.

**Paper-III: Geriatric Nutrition**

**Paper-IV: Research Methods in Food and Nutrition** - – It emphasizes the need of research and different methods regarding research.

## **Program Outcome: Arts**

After completing bachelor programme in Arts, a student will be able to develop:

1. **Critical Thinking:** Ability to identify, construct and evaluate arguments, ability to engage in reflective and independent thinking, integrates diverse sources of knowledge in solving problems.
2. **Communication Skills:** Develop oral and written skill for effective Communication, active participation in group activities will improve active learning skills and expressive skills and selfconfidence.
3. **Social Adoptability Skills:** Ability to communicate and share our thoughts & feeling with others, develops social interactions and becomes socially responsible individual (human being).
4. **Ideal Citizen:** Respect the value, principle ethics and contribute to society and community engage in civic responsibility and participate in civic life through volunteering.
5. **Ethical Value:** Inculcate ethical, moral and human values.
6. **Environmental Awareness:** Border understands of the local, national and global environment issues.
7. **Employability:** Preparing students for job prospect in organized sector.

## **Program Outcome: Science**

After completing bachelor programme in Science, a student will be able to develop:

1. **Critical Thinking:** The ability to gather and assess relevant information using abstract ideas to interpret it effectively.
2. **Scientific Skills:** Ability to understand scientific principles or concepts and demonstrate scientific knowledge and skills in scientific reasoning.
3. **Communication Skills:** Develop oral and written skills to develop the communication, Ability to work productively on team projects with team spirit.
4. **Social Adoptability:** Inculcate values which provide guidelines for social conduct and social interaction, communication skills are the key to build a strong social support network.
5. **Effective Citizenship:** Develop into an ideal citizen who performs the duties towards himself, family, society, community and towards the country.
6. **Environmental Awareness:** Develop understanding of current national and global environmental problems.
7. **Ethics:** Moral and ethical values are at the development of scientific temper of mind, capacity to think and judge about oneself.



## **Program Outcome: Commerce**

After completing bachelor programme in Commerce, a student will be able to develop:

1. **Critical Thinking:** Develop the ability to completely evaluate new ideas, research findings in evaluation into business and commerce related issues.
2. **Communication Skills:** Ability to communicate ideas effectively in both written and oral formats develops communicate business analysis to the stakeholder and clear effective and appreciative manner.
3. **Team Spirit:** Work collaboratively and productively in group.
4. **Social Responsibility:** Recognize and understand the ethical and moral responsibility of the individuals and organization in society.
5. **Global Citizen:** Evolve into a global citizen who understands the duties for the welfare of our society and country.
6. **Managerial Skills:** Ability to complete knowledge into performance makes business decision through capability to interact and motivate and understand concept, develop ideas and implement strategies.
7. **Employability:** Prepare students for employment in various fields like chartered accountancy, company secretary, banking sector, business management etc.

## **Program Outcome: Home Science**

After completing bachelor programme in Arts, a student will be able to develop:

1. Students come to know about Food and nutrition.
2. Students come to know about different aspects of textiles.
3. Students come to know about child development.
4. Helpful in getting job in hospitals.
5. Helpful in getting jobs in getting jobs in tourism industry

## **Program Outcome: PGDCA**

After completing Post graduate diploma in computer application programme in Computer application, a student will be able to :

1. Students are eligible to pursue MCA (Lateral Entry) and apply for jobs in various multinational companies, industries, banks.
2. They can start their own business in web development and software development.
3. Students are able to use their knowledge to develop different web and windows based applications.
4. Students can create database, websites and applications for their clients.
5. Students can also pursue the career of computer operators.
6. Students can also become network administrators.

