

Year: 1 Semester: II

S.N.	Subject Code	Subject		EVALUATION SCHEME								
				SESSIONAL EXAMS						ESE	Total	Credit
				L	T	P	CT	TA	Total			
1.	HBC-201	Fundamentals of Statistics		5	2	-	20	10	30	70	100	6
2.	HBC-202	Business Environment		5	2	-	20	10	30	70	100	6
3.	HBC -203	Business Law		5	2		20	10	30	70	100	6
4.	HBC -204	Environmental Studies		2			20	10	30	70	100	2
		Total		17	3	-	80	40	120	280	400	20
5	HBC -205	Swachha Bharat Abhiyan	Co-Curricular Activities (Non-CGPA)	2	-		20	10	30	70	100	2

Semester – II

Code-HBC-201

Fundamentals of Statistics

L	T	P
5	2	0

Learning Objectives : 1.To understand the concept of population and sample.
2.To use frequency distribution to make decision.
3.To understand and to calculate various types of averages and variation.

Unit - I Introduction of Statistics – Meaning, Definition, Importance and Limitation of Statistics.

Unit - II Measure of Central Tendency – Definition, Objectives and Characteristics of Measure of Central Tendency- Types of Averages- Arithmetic Mean, Geometric Mean, Harmonic Mean, Median, Mode.

Unit - III Measures of Dispersion and Skewness – Meaning, Definition, Properties of Dispersion – Range, Quartile Deviation - Mean Deviation, Standard Deviation. Coefficient of Variation, Karl Pearson’s and Bowleys Measures of Skewness.

Unit - VI Indian Statistics – A General Idea of the growth of Statistics Relating to Population, Agriculture, Industry and National Income

Learning Outcomes :-

1. How to calculate and apply measures of location and measures of dispersion -- grouped and ungrouped data cases.
2. How to apply discrete and continuous probability distributions to various business problems.
3. Perform Test of Hypothesis as well as calculate confidence interval for a population parameter for single sample and two sample cases. Understand the concept of p-values.
4. Learn non-parametric test such as the Chi-Square test for Independence as well as Goodness of Fit

Suggested Reading:

- 1.Gupta, C.B. Statistical Method, Sultan Chand, Delhi.
- 2.Gupta, S.C. and Indra Gupta, Business Statistical, Himalaya Publication House, New Delhi.
- 3.Gupta, S.P. Business Statistics- S. Chand and Company, Delhi.

L	T	P
5	2	0

Learning Objectives :

- 1.To develop knowledge base for demographic and environmental factors affecting Business.
- 2.To make the students aware of environmental problems related to Business and Commerce.
- 3.To inculcate values of Environmental ethics amongst the students.

- Unit - I** Meaning , nature and importance of business environment, Components of business environment – economic, Socio- cultural, Political and legal, Economic environment of business in India.
- Unit – II** Process and factors affecting economic development, Problems of Economic development, Unemployment, Poverty , Regional Imbalances, Price rise.
- Unit - III** Economic Planning in India, Objectives and Progress of five year plans in India. Problems and Prospects of economy of Uttarakhand.
- Unit – IV** Role of Government in business, Monetary and Fiscal Policy, Industrial and licensing Policy, Privatization, EXIM Policy.
- Unit - V** International Environment, Globalization and liberalization, Major International Institution – WTO and World Bank .

Learning Outcomes:-At the end of the course, student should be able to:

1. Discuss the supply and demand theory and its impact on insurance.
2. Explain the effects of government policy on the economic environment and insurance industry.
3. Outline how an entity operates in a business environment.
4. Describe how financial information is utilized in business.

Suggested Reading:

- 1.Sinha, V.C, and Sinha Ritika, Business Environment, Sahitya Bhawan Publishers & Distributors,Agra
- 2.Cherunilam, Francis, Business Environment, Himalaya Publishing House, New Delhi
- 3.Aswathappa, K.Essentials of Business Environment, Himalaya Publishing House, New Delhi

L	T	P
5	2	0

Learning Objective: This course is designed to provide the student with knowledge of the legal environment in which a consumer and businesses operates, and to provide the student with knowledge of legal principles.

Unit I- Indian Contract Act: Definition and essentials, Contracts agreements, Offer & Acceptance Consideration, Capacity of parties Free Consent, Performance of Contracts, Terminal of Contract, Consequence and Remedies of Contract terminal.

Unit II- Contingent contract, Implied, Quasi contract, Indemnity Contract, Guarantee contract, Bailment, Lien, Pledge contract, Agency contract.

Unit III- Sales of Goods Act: Sale contract-Definition, Features, Formation of Contract Contents of sale contract-Goods, Price, Condition and Warranty, Ownership of goods and transfer, Performance of sale contract, Delivery, Rights of unpaid sellers, Auction Sale.

Unit IV- Indian Partnership Act: Definition and Nature of Partnership Partnership deed Mutual and Third parties relation of Partners, Registration of Partnership Dissolution of Partnership.

Unit V- Definition Features Types Recognition And Endorsement of Negotiable Instruments.

Course Outcomes: On completion of this course, learners will be able to:

1. On completion of this course, learners will be able to: appreciate the relevance of business law to individuals and businesses and the role of law in an economic, political and social context.
2. Identify the fundamental of Formation of a Company.
3. Examine how businesses can be held liable in tort for the actions of their employees

Suggested Reading:

- 1.Singh, Avtar, Company Law, Eastern Book Co., Lucknow
- 2.Date, V.S. Students Guide to Corporate Laws, Taxman, New Delhi
- 3.Majumdar and Kapoor Company Law, Taxman New Delhi

L	T	P
2	0	0

Learning Objectives: The goal of this course is to provide students basic knowledge of environment and their role in life sustenance. The students can identify and analyze environmental problems as well as the risks associated with them.

Unit-I

Fundamentals of Environmental Management: Definition, principles and scope; Types and components of environment; Man- environment relationship; Causes of environment destruction; Environmental ethics; Environment Awareness Programmes.

Unit - II

Natural Resources - Awareness: Eco-system, Atmosphere, Land, Water, Forest, Mines & Minerals, Wetland, Bio-diversity, Conservation of natural resources.

Unit- III

Environmental Protection - Policies & Legislations: National environment policy, Environmental Legislations, International conventions and Agreements, GATT/WTO and environment, State Pollution Control Board, Role of NGOs.

Unit- IV

Environment Management System: ISO-14000, Environment Audit, Eco-Friendly products (Ecomark), Green Industry.

Unit - V

Environmental Impact Assessment (EIM): EIM-Methods and tools, Appraisal and clearance for industry, Evaluation Systems.

Learning Outcomes:

1. Student can recognize the environmental problem associated with development Apply the gained knowledge for the environmental conservation and its sustainability.
2. Demonstrate an integrative approach to deal with environmental issues with a focus on sustainable environmental management.
- 3 .Develop an ability to integrate the disciplines related to environmental concerns.

References:

1. N.K.Oberoi - Environmental Management, Excell Books.
2. G.N.Pandey - Environmental Management, Vikas.
3. K.M.Agrawal & P.K.Sikdar - Text Book of Environment, Macmillan.
4. L.W.Canter - Environmental Impact Assessment, Tata McGraw Hill.

L	T	P
2	0	0

Learning Objectives:

- To promote Swachhata Awareness campaign in villages adopted by the University
- To understand the importance of cleanliness and hygienic living in villages to remain healthy and fit
- To apply class room knowledge of courses to field realities and improve quality of living in villages

UNIT: 1

Introduction to Swachha Bharat Abhiyan, concept, scope, objectives an mode of functioning, Unnat Bharat Abhiyan and Swachha Bharat Abhiyan – comparison and integration.

UNIT : 2**Local Self Government and Swachha Bharat Abhiyan**

Introduction to Constitution, Constitutional Amendments on Panchayati Raj, Panchayati Raj Institutions (Gram Sabha, Gram Panchayat, Standing Committee), local civil society, local administration, Municipal Corporation & its functions and Administration. Role of Local Self Government in Swachha Bharat Abhiyan, Community participation in Swachh Bharat Abhiyan, Sanitation, Personal and community hygiene.

Assignment 2

How effectively are Panchayati Raj institutions functioning in the village? What would you suggest to improve their effectiveness? Present a case study (written or audio-visual).

Field Visit – (4 Classes)**UNIT : 3****Water Management System in Village**

Water and waste water, water crisis, water conservation, climate change, rain water harvesting, reuse, borewell, recharge structures ,water disposal ,sewage system and its management, open defecation and Swachha Bharat Abhiyan.

Smart Cities - Concept of Smart Cities, Smart Cities and Swachha Bharat Abhiyan.

Sustainable Development Goals – concept, objectives and merits, UN and National intervention

Assignment: 1

Water Conservation – Opportunities, Mapping, Challenges & Viable Solutions.

Group discussion in class- (4)

Field visit (4 Classes)

Awareness on Water Conservation

Assignment 3

Project Report on Sustainable Development in India – Problems & Prospects.

Field Visit –(4 Classes)

Awareness Campaign on Swachha Bharat Abhiyan

UNIT : 4

Legal Aspects

Pollution Control Boards-Central and State, Waste Management System (Solid and Liquid), Waste disposal,

Assignment 2

Waste Management System in the villages – Challenges & Opportunities.

Field Visit – (4 Classes)

Awareness on Waste Management System in the Village

Activities to be undertaken under Swachh Bharat Abhiyan

- Cleanliness in the offices /Departments/surroundings and nearby areas
- Segregation of waste and proper disposal of garbage as per pollution control board norms
- Cleanliness/Bus stand/Public places and Market places
- Periodic cleaning of hostel messes
- Developing green belt on roadside of the campus to prevent aerosol pollution
- One day cleanliness awareness camp in the villages adopted under Unnat Bharat Abhiyan
- To ensure that facility of toilets fresh drinking water, first aid and basic amenities be provided by the contractor to the labourers staying in the campus
- Awareness of people about sanitation related issues and trigger a change in sanitation related behaviour

- Change of behaviour about open defecation, hygiene practices, solid/liquid waste management in campus and at village level in adopted villages.

Learning outcomes:

After completing this course, student will be able to

- Gain an understanding of rural life and social realities
- Learn to understand the village problems and find solutions relating to cleanliness and hygienic living.
- Develop the spirit of community participation by involvement of common people

Suggested Books:

1. Singh, Katar, Rural Development Principles, Policies and Management, Sage Publications, New Delhi, 2015.
2. A Hand book on Village Panchayat Administration, Rajiv Gandhi Chair for Panchayati Raj Studies, 2002.
3. United Nations, Sustainable Development Goals, 2015 un.org/sdgs/
4. M.P.Boraian, Best Practices in Rural Development, Shanlax Publishers,
5. Unnat Bharat Abhiyan Website : www.unnatbharatabhiyan.gov.in