

**CURRICULUM
FOR
SECOND SEMESTER
OF
THREE-YEAR
DIPLOMA COURSES
IN
POLYTECHNICS
OF
UNION TERRITORY
OF
JAMMU AND KASHMIR**

CURRICULUM

FOR

SECOND SEMESTER

DIPLOMA IN

TRAVEL AND TOURISM

SUBJECT STUDY SCHEME (2nd Sem: Travel and Tourism)

Course Code	Subjects	Time in Hours				CREDITS		
		Theory	Tutorial	Practical	Total	Theory	Practical	Total
HS203	Language and Communication Skill-II	3	-----	---	3	3	--	3
HS204	Language and Communication Skill-II Lab	---	-----	2	2	---	1	1
TRPC201	Culture and Heritage	3	-----	---	3	3	---	3
TRPC202	Hospitality Services-I	2	-----	---	2	2	---	2
TRPC203	Hospitality Services-I Lab	----	-----	4	4	--	2	2
TRPC204	Tourism Resources and Infrastructure	2	-----	---	2	2	---	2
TRPC205	Tourism Resources and Infrastructure Lab	---	----	2	2	----	1	1
TRPC206	History of J&K	3	-----	---	3	3	--	3
BS205	Ecology and Environment	3	-----	---	3	3	---	3
BS206	Ecology and Environment Lab	----	-----	4	4	----	2	2
	Total	16	0	12	28*	16	6	22

*Note: The remaining 2 hrs in a week shall be used in activities like sports , debates, seminars etc.

PROGRAM: THREE YEAR DIPLOMA IN TRAVEL AND TOURISM	
Course Code : HS203	Course Title: Language & Communication Skills – II
Semester: 2ND	Credits: 03
Periods per Week: 3 (L: 3 T: 0 P:0)	

COURSE OBJECTIVE:

Language is the most commonly used medium of self-expression in all spheres of human life personal, social and professional. A student must have a fair knowledge of English language and skills to communicate effectively to handle the future jobs in industry. The objective of this course is to develop effective communication skills and also to inculcate soft skills among the students in professional and inter-personal communications facilitating their all-round development of personality. At the end of the course, the student will be able to develop comprehension skills, Professional etiquettes; improve vocabulary; use proper grammar; acquire writing skills and explore various aspects of soft skills. It is expected that each polytechnic will establish a communication skill laboratory for conducting practical's mentioned in the curriculum.

COURSE CONTENT**Unit 1: Short stories and Poetry (08hrs)**

- 1.1 Section A: - Short Stories
 - Three Questions : Leo Tolstoy
 - The last leaf : O Henry
- 1.2. Section B:-Poems
 - The Psalm of life : H.W. Longfellow
 - Say Not Struggle Naught Availeth : A.H. Clough

Unit 2: Essentials of Grammar (10hrs)

- 2.1. Basics of grammar (Parts of speech)
- 2.2. Subject -Verb Agreement
- 2.3. Tenses
- 2.4. Voice (Active and Passive)
- 2.5. One word substitution
- 2.6. Correct /Incorrect sentences

Unit 3. Techniques of Writing. (10hrs)

- 3.1. Comprehension of an Unseen Passage
- 3.2. Paragraph Writing
- 3.3. Circulars
- 3.4. Memos

Unit 4: Soft Skills (12hrs)

- 4.1. Intrapersonal and Interpersonal skills - Meaning and Importance.
- 4.2. Self-Management Skills
- Goal setting- Meaning, Importance, types and ways to achieve goals.
 - Time Management- Meaning, benefits and strategies to improve time management.
 - Self-motivation -Meaning and Importance.
 - Stress management -.Meaning, Causes and Techniques of stress management.
 - Positive Thinking
 - Problem-solving- Meaning, Steps and importance.
 - Decision Making - Meaning, process/stages and Importance of decision making
- 4.3. Team work and Leadership skills -Concept of Teams; Building effective teams; Concept of Leadership and honing Leadership skills.

Unit 5: Etiquettes**(08hrs)**

- 5.1. Etiquettes - Meaning, Types and Importance
- 5.2. Professional etiquettes- ABC (Appearance, Behavior, Communication) of Professional Etiquettes, Importance of Professional etiquettes.
- Office Etiquette - Meaning, Importance and Tips.
 - Meeting etiquettes - Meaning, Importance and Tips.
 - Telephone etiquettes.

COURSE OUTCOME**After the completion of the course the student will be able to:**

Unit 1:

- Read, analyze, and interpret works of literature.
- Make themselves proficient in literary contexts.
- Learn different words in the text which in turn will enhance their language (Vocabulary).

Unit 2:

- Identify the different parts of speech and their usage in the sentence.
- Know about the application of various grammatical items like Subject-Verb Agreement, Tenses, and Voice etc.
- Enrich his/her vocabulary and enhance grammar accuracy.

Unit 3:

- Comprehend the passage and able to answer the linked questions.
- Plan, organize and present ideas coherently on a given topic.
- Compose circulars and memos which in turn will enhance their writing skill.

Unit 4:

- Set goals, manage time and stress, solve problems and organize oneself effectively.
- Know about self-motivation and its importance.
- be a team player and know how to develop leadership skills.

Unit 5:

- Demonstrate personal and professional etiquettes.

RECOMMENDED BOOKS:

1. Kulbhushan Kumar," Effective Communication Skills", Khanna Publishing House, New Delhi (Revised Edition 2018)
2. M. Ashraf Rizvi,"Effective Technical Communication". Mc-Graw Hill: Delhi, 2002.
3. Sanjay Kumar and PushpLata, "Communication Skills "Oxford University Press, 2011
4. Meenakshi Raman &Sangeeta Sharma, "Technical Communication: Principle and Practice". New Delhi:OUP, 2011.
5. Francis Peter S.J.,"Soft Skills and Professional Communication"
6. K.R. Lakshminarayana& T. Murugavel, "Managing Soft Skills", Scitech Publications. 2009
7. NK Aggarwal and FT Wood, "English Grammar, Composition and Usage".Macmillan Publishers India Ltd; New Delhi.
8. Dr. Alex, "Soft skills"
9. Gopaldaswamy Ramesh and MahadevanRamesh,"The Ace of Soft Skills: Attitude, Communication and Etiquette for Success". Pearson

UNIT WISE TIME AND MARKS DISTRIBUTION

UNIT	TIME (Hrs)	MARKS (%age)
1	08	20
2	10	20
3	10	20
4	12	25
5	08	15
TOTAL	48	100

PROGRAM THREE YEAR DIPLOMA IN TRAVEL AND TOURISM	
Course Code : HS204	Course Title: Language & Communication Skills – II Lab
Semester: 2nd	Credits: 01
Periods per Week: 2 (L: 0 T: 0 P:2)	

COURSE OBJECTIVE:

Language is the most commonly used medium of self-expression in all spheres of human life personal, social and professional. A student must have a fair knowledge of English language and skills to communicate effectively to handle the future jobs in industry. The objective of this course is to develop effective communication skills and also to inculcate soft skills among the students in professional and inter-personal communications facilitating their all-round development of personality. At the end of the course, the student will be able to develop comprehension skills, Professional etiquettes; improve vocabulary; use proper grammar; acquire writing skills and explore various aspects of soft skills. It is expected that each polytechnic will establish a communication skill laboratory for conducting practical's mentioned in the curriculum.

LIST OF PRACTICALS:

1. Ice breaking Activity and JAM session
2. Developing conversational ability - Describing yourself, Describing objects around you, Describing People.
3. Situational Dialogues- Role Play- Expressions in various situations- Self introduction and introducing others- Greetings- Taking Leave - Apologies- Requests etc.
4. Listening with Comprehension-Listening to recorded lectures, poems, interviews, speeches, documentaries etc. - Taking notes while listening
5. Professional etiquettes- Netiquette, Telephone Etiquette, Introduction and first impression, Business meeting etiquette, Dressing and Dinning Etiquette.
6. Reading articles from newspaper, magazines, journals etc.
7. Public speaking - Extempore and Impromptu Speech
8. Grammar - Words often misspelt - confused/ misused; Common errors in pronunciation; Idiomatic expressions.
9. Professional Skills- Drafting Job Application Letter, CV/ Resume; Interview skills.
10. Demonstrating the do's and don'ts of facing the interview.

PROGRAM: THREE YEARS DIPLOMA PROGRAMME IN TRAVEL AND TOURISM	
Course Code: TRPC201	Course Title: CULTURE & HERITAGE
Semester: 2ND	Credits: 3
Periods per week: 3(L:3 T:0 P:0)	

COURSE OBJECTIVE

The subject aims to cover the rich cultural heritage of the country in its myriad forms as the core tourism products and attractions of India. As a result of this course the students shall develop an understanding about culture and heritage as an intrinsic part of the tourist attractions. It will also enhance their capabilities in choosing places while designing an itinerary.

COURSE CONTENT

Unit 1. Introduction to Culture

- 1.1 Culture: Concept and meaning
- 1.2 General features of Indian culture
- 1.3 Evolution of Indian Culture
- 1.4 Customs & Traditions
- 1.5 Major religions and their popular pilgrimage sites in India

Unit 2. Components of Culture

- 2.1 Architecture and Sculpture in India
- 2.2 Music-Hindustani & Karnataka style
- 2.3 Classical dance forms-Bharatnatyam, Kuchipudi, Odissi, Kathakali, Manipuri, Kathak.
- 2.4 Folk dances-Garba, Bhangra, Bihu, Chau
- 2.5 Handicrafts of India
- 2.6 Indian Fairs and Festivals
- 2.7 Paintings, Murals

Unit 3. Culture of J&K

- 3.1 J&K - Population, languages
- 3.2 Music & dance
- 3.3 Paintings (Miniature Bhasoli paintings)
- 3.4 Temple architecture of J&K-Martand, Awantipur, Pandrethan, Naranag, Ranbhireshwar, Krimchi, Raghunath etc
- 3.5 Fairs and festivals
- 3.6 Places of pilgrimage, monuments, museums
- 3.7 Handicrafts: Arts and crafts in Kashmir-Carpet weaving, Shawl embroidery, Paper machie

Unit 4. Heritage

- 4.1 Heritage: Concept and meaning
- 4.2 Heritage Management organisations-UNESCO, ASI, INTACH (Introduction, Objectives and Functions)

- 4.3 UNESCO Heritage sites in India
- 4.4 Monuments of India under ASI
- 4.5 Archeological Sites of India
- 4.6 AMASR Act 1958

COURSE OUTCOME

After the completion of the course the student will be able to

- Explore the components and various aspects of culture, customs and traditions of Jammu and Kashmir and of India.
- Identify and know about heritage, various monuments and heritage sites of India.

RECOMMENDED BOOKS

1. Successful Tourism Management, Volume I and Volume II. Fundamentals of Tourism by Pran Nath Seth, Published by Sterling Publishers Pvt. Ltd., New Delhi, 1999.
2. Lonely Planet – India by Sarina Singh, Lonely Planet Publications, 2003.
3. Pannikar, K.M; Essential features of Indian Culture; Bombay Bharatiya Vidya Bhavan
4. Basham, A.L ; Cultural History of India; Oxford: Clarendon..
5. Atlas of India by Ved Prakash, Prashant Gupta, Dreamland Publications, New Delhi.
6. The India of Ancient times by Sher, Syed Osman, Vikas Publishing, New Delhi
7. Vidyardhi, M.L; Indian Culture through Ages.
8. Wonder that was India-A.L. Basham, Penguin India.

UNITWISE TIME AND MARKS DISTRIBUTION

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	09	20
2	15	30
3	15	30
4	09	20
Total	48	100

PROGRAM: THREE YEARS DIPLOMA PROGRAMME IN TRAVEL AND TOURISM	
Course Code: TRPC202	Course Title: HOSPITALITY SERVICES - I
Semester: 2ND	Credits: 2
Periods per week: 2(L:2 T:0 P:0)	

COURSE OBJECTIVE

Hospitality plays an important role in tourism industry. The subject emphasizes on the accommodation/hospitality sector of the tourism industry. It will enable the students to understand various front office and housekeeping operations like types of accommodation, rooms, plans and reception, reservation procedures, etc. It will also help the students in performing important housekeeping operations.

COURSE CONTENT

Unit 1: Introduction to Hospitality

- 1.1 Hospitality-Definition, Concept and Meaning
- 1.2 Accommodation: Meaning, Types & forms
- 1.3 Difference between Hotel, Motel & Resort
- 1.4 Supplementary Accommodation
- 1.5 Tourism & Hospitality- interrelationship vis a vis interdependence
- 1.6 Hotels: Definition, Origin and growth
- 1.7 Organizational Structure of a Standard International Hotel
- 1.8 Classification, registration and gradation of Hotels
- 1.9 HRACC, IHA, FHRAI: Introduction, Objectives, functions
- 1.10 License, permits and regulatory guidelines for hotels

Unit 2 Front Office (FO) Operations

- 2.1 Front Office (FO) Operations
- 2.2 Functions of Front Office
- 2.3 Front office organization/Front office layout
- 2.4 Role of Front Office Manager & personnel
- 2.5 Basis of charging room rates
- 2.6 Front office terminology
- 2.7 Tourist Information
- 2.8 Reservation- Types & modes
- 2.9 Reception/registration of guests (Check-in & check-out)
- 2.10 Key handling process
- 2.11 Types of plans and Types of rooms
- 2.12 Coordination of front Office with other departments

Unit 3: Accommodation Operations (Housekeeping)

- 3.1 Introduction to housekeeping operations

- 3.2 Housekeeping Functions
- 3.3 Housekeeping organization/layout
- 3.4 Role and responsibility of House Keeping Manager and Personnel
- 3.5 Cleaning agents
- 3.6 Housekeeping equipment
- 3.7 Types of cleaning
- 3.8 Room cleaning operations
- 3.9 Lost and found procedure
- 3.10 Room reports
- 3.11 Laundry/linen room
- 3.12 Room supplies

COURSE OUTCOME

After the completion of the course, the student will be to:

- Describe the concept of hospitality, accommodation and its types, evolution, classification and registration of hotels.
- perform front office operations, front office layout, reservation procedure, registration procedure, departure procedure and message and key handling procedure.
- perform housekeeping operations, layout, types of cleaning, cleaning agents, room cleaning procedure and lost and found procedure.

RECOMMENDED BOOKS

1. Front Office Manual - Sudhir Andrews, Tata McGraw Hill Publications.
2. Housekeeping Manual- Sudhir Andrews, Tata McGraw Hill Publications.
3. Peter Jones: Introduction to Hospitality Operation; Cassell, New York.
4. Hotel Front Office Operations & Management; Jata Shankar Tiwari; Oxford University Press India.
5. International Tourism Management; A.K. Bhatia; Sterling Publications New Delhi.
6. Hotel housekeeping Operations & Management; G.Raghubalan; Oxford- University Press India.
7. Guide for Hotel Management; Arihant Publication
8. Introduction to Hospitality; John.R. Walker; Pearson

UNITWISE TIME AND MARKS DISTRIBUTION

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1.	11	34
2.	11	34
3.	10	32
Total	32	100

PROGRAM: THREE YEARS DIPLOMA PROGRAMME IN TRAVEL AND TOURISM	
Course Code: TRPC203	Course Title : Hospitality Services - I Lab
Semester: 2ND	Credits: 2
Periods per week: 4(L:0 T:0 P:4)	

COURSE OBJECTIVE

Hospitality plays an important role in tourism industry. The subject emphasizes on the accommodation/hospitality sector of the tourism industry. It will enable the students to understand various front office and housekeeping operations like types of accommodation, rooms, plans and reception, reservation procedures, etc. It will also help the students in performing important housekeeping operations.

LIST OF PRACTICALS

1. Telephone manners (receiving calls)
2. Taking reservations
3. Check-in and check-out procedures
4. Taking messages
5. Baggage handling procedure
6. Bed making procedure
7. Cleaning and polishing of glass, wood and various other surfaces
8. Explanation to the guest about the tourist sites in the vicinity
9. Visit to a hotel for studying Front Office Operations, Food and Beverages and Housekeeping practices.

PROGRAM:THREE YEARS DIPLOMA PROGRAMME IN TRAVEL AND TOURISM	
Course Code: TRPC204	Course Title : TOURISM RESOURCES AND INFRASTRUCTURE
Semester: 2ND	Credits: 2
Periods per week: 2(L:2 T:0 P:0)	

COURSE OBJECTIVE

After undertaking this course, the students will be acquainted with the utility of various resources (natural or manmade) in tourism. This understanding will enrich the knowledge of the student about the possible destinations for various tourism activities.

COURSE CONTENT

Unit 1. Tourism Resources

- 1.1 Tourism Product: -Meaning, nature, Concept
- 1.2 Unique features of core tourism product
- 1.3 Concept of resource
- 1.4 Tourism resources: - Concept and meaning
- 1.5 Various types of tourism resources
 - 1.5.1 Natural (Physical & Biotic)
 - 1.5.2 Man-made (Socio-Cultural, Religious, Spiritual, Historical)
- 1.6 Tourism Products of India

Unit 2. Natural Tourism resources

- 2.1 Natural Tourism resources/Geographical Resources-existing use pattern vis-a-vis potential with relation to varied landforms
 - 2.1.1 Mountains-Hiking, camping, mountaineering etc.
 - 2.1.2 Water bodies: Rivers/ Lakes/Backwaters- angling, Kayaking, canoeing, Boating, River rafting etc
 - 2.1.3 Beaches and Islands-surfing, Scuba Diving, parasailing
 - 2.1.4 Forests/ Wildlife(Biosphere reserves, National parks and Sanctuaries, safari, /Bird Watching etc)
 - 2.1.5 Deserts- Desert safari, ATV riding etc.

Unit 3. Man Made tourism Resources

- 3.1 Entertainment tourism Resources
 - 3.1.1 Amusement parks
 - 3.1.2 Shopping Malls
 - 3.1.3 Museums
 - 3.1.4 Theatre and Cinema
 - 3.1.5 Casinos and Pubs

- 3.2 Religious Tourism Resources
 - 3.2.1 Buddhist Resources: Bodh gaya, Sarnath, Sanchi and Ajanta
 - 3.2.2 Islamic Resources: Delhi, Agra, Hyderabad,
 - 3.2.3 Hindu Resources: Khajuraho, Mahabalipuram, Tirupati
- 3.3 Socio-cultural Resources
 - 3.3.1 Khumbh Mela, PuriRath Yatra, Pushkar Fair

Unit 4: Tourism Infrastructure

- 4.1 Basic infrastructure
- 4.2 Differentiation between basic infrastructure and tourism infrastructure
- 4.3 Tourism infrastructure
- 4.4 Basic Tourism Products
- 4.5 Resident oriented products
- 4.6 Tourism oriented products

COURSE OUTCOME

After the completion of the course, the student will be able to

- Understand the concept and various types of tourism products
- execute the concept and various types tourism resources(Natural and manmade)
- work on basic infrastructure and tourism infrastructure

RECOMMENDED BOOKS

1. Burkart, A.J & Heinemann Medlik; Tourism: Past, Present and Future; Professional publishing London
2. Wahab, S.E; Tourism Management; Tourism international Press, London
3. A.K. Bhatia; International tourism Management; Sterling Publishers Ltd New-Delhi.
4. Mcintosh Report, W. Gredner R. Charles; Tourism: Principles, Practices and Philosophies; John Wiley And sons Publication, New York.
5. Negi, Jagmohan; Tourism & Travel: Concepts & Principles; Gitanjali Publishing House
6. Mill, R.C & Morrison; Tourism System
7. Cook, Yale, Marqua; Tourism-The business of Travel; Pearson Publications

UNITWISE TIME AND MARKS DISTRIBUTION

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	07	22
2	09	28
3	09	28
4	07	22
Total	32	100

PROGRAM: THREE YEARS DIPLOMA PROGRAMME IN TRAVEL AND TOURISM	
Course Code: TRPC205	Course Title: TOURISM RESOURCES AND INFRASTRUCTURE LAB
Semester: 2ND	Credits: 1
Periods per week: 2(L:0 T:0 P:2)	

COURSE OBJECTIVE

This course will expose the students with the utility of various ports, resources and infrastructures in tourism industry. This understanding will enrich the knowledge of the student about the possible destinations for various tourism activities.

LIST OF PRACTICALS

1. Visit to call centre
2. Visit to railway station
3. Visit to airport
4. Visit to Bus stand
5. Visit to Tourist offices
6. Visit to Historical and religious sites
7. Visit to shopping Malls
8. Adventure activities (Hiking, trekking, river rafting, paragliding etc.)

PROGRAM: THREE YEARS DIPLOMA PROGRAMME IN TRAVEL AND TOURISM	
Course Code: TRPC206	Course Title: HISTORY OF JAMMU AND KASHMIR
Semester: 2ND	Credits: 3
Periods per week: 3(L:3 T:0 P:0)	

COURSE OBJECTIVE

After studying this course, the students will be able to utilize the historical knowledge about J&K during their interaction with the tourists while guiding or escorting them to various places within the territory of J&K.

COURSE CONTENT

Unit 1. Ancient History	(12hrs)
1.1 Neolithic Age	
1.2 History of Jammu and Kashmir before 14th century	
1.3 Rajtarangni (Kalhana)-Brief description	
1.4 Mauryan empire in Kashmir- Ashoka's Reign; Foundation of Sri-Nagar.	
1.5 Kanishka's rule & 4 th Buddhist Council	
Unit 2. Medieval History	(12hrs)
2.1 Budshah rule in Kashmir	
2.2 Yousuf Shah Chek	
2.3 Mughal rule	
2.4 Durrani Empire (Afghan rule)	
2.5 Sikh rule (Maharaja Ranjit Singh)	
2.6 Anglo Sikh rule	
Unit 3. Modern History	(12hrs)
3.1 Dogra dynasty (Maharaja Gulab Singh)	
3.2 Treaty of Lahore	
3.3 Historical aspects of the creation of Princely State of J&K	
3.4 Taxation policy during Dogra rule	
3.5 Begar system	
3.6 Law of State subject	
Unit 4. Contemporary	(12 hrs)
4.1 Political Developments in 20 th century	
4.2 Struggle for Independence	
4.3 Instrument of accession	
4.4 Abrogation of article 370	
4.5 Creation of UT of J&K	

COURSE OUTCOME

After the completion of the course, the student will be able to:

- Learn and know about the ancient, medieval and modern history jammu and Kashmir
- Learn about the political development of Jammu and Kashmir.

RECOMMENDED BOOKS

1. The Valley of Kashmir; Sir Walter Lawrance; Penguin
2. History of Kashmir ; Parvez Diwan; Manas Publications
3. History of Jammu & Kashmir; M. Salim Khan;
4. Hindu Rulers, Muslim Subjects; Mridu Rai
5. Kashmir 1947-Rival versions of History; Prem.Shankar. Jha; Oxford University Press
6. Article 370: A Constitutional History of Jammu & Kashmir; A.G.Noorani; Oxford University Press

UNITWISE TIME AND MARKS DISTRIBUTION

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	12	25
2	12	25
3	12	25
4	12	25
Total	48	100

PROGRAM: THREE YEARS DIPLOMA PROGRAMME IN TRAVEL AND TOURISM	
Course Code: BS205	Course Title: ECOLOGY AND ENVIRONMENT
Semester: 2ND	Credits: 3
Periods per week: 3(L:3 T:0 P:0)	

COURSE OBJECTIVE: Persons engaged in tourism related activities require the knowledge of Environment and Ecology so as to help in keeping the destinations and work places more ecofriendly for sustainable tourism.

COURSE CONTENT

1. Ecosystem

- 1.1 Basic concept and definition of Ecology, ecosystem, resistance and resilience, autecology, synecology, major terrestrial biomes (meaning and types).
- 1.2 Renewable and Non-renewable resources- concept and types

2. Global warming and climate change

- 2.1 Trends of Global warming and climate change.
- 2.2 Drivers of Global warming and climate change.
- 2.3 Impacts of Global warming on atmosphere, weather patterns, Sea level rise, agriculture productivity and biological response.
- 2.4 Ozone layer- importance, depletion and environmental impacts.

3. Biodiversity

- 3.1 Concept, importance and Threats
- 3.2 Conservation – Insitu conservation (Biosphere reserves, National Parks, wild life sanctuaries)
- 3.3 Exsitu conservation (Botanical Gardens, Zoological gardens, gene banks, seed and seedling banks, pollen culture, tissue culture and DNA banks)

4. Environmental Health and Human Health

- 4.1 Pollution- Definition, classification, solubility of pollutants, transfer of pollutants within different mediums, concept of radioactivity.
- 4.2 Types of pollution- Source, effects on the environment, various control measures.

5. Disaster Management

- 5.1 Concept, types, causes (Natural and anthropogenic factors) and losses.
- 5.2 Functions and responsibilities of NDMA and IMD.

6. Environment in an urban setting

- 6.1 Introduction to Urbanization.
- 6.2 Urban dwelling (Housing scenario, poverty and slums).
- 6.3 Importance and threat to nature in the city.
- 6.4 Green belts and urban forestry(concept).

COURSE OUTCOME

After completion of the course the student will be able to

- Explore about the ecosystem, global warming and climate change, biodiversity and pollutions and its impacts.
- Explain the functions and responsibilities of various disaster management.
- Illustrate the concepts and meanings of Urbanization, its importance and threat to nature in cities.

RECOMMENDED BOOKS

1. Environment and Ecology by Majid Husain and Published by GK publications.
2. Environment Ecology, biodiversity, climate change and Disaster management by RAVI P. AGRAHARI published by MC Graw Hill.
3. Environment and Ecology – A dynamic Approach by NEERAJ NACHIKETA published by G.K. Publications (P) limited.
4. Environment and Pollution- An ecological approach by RS Ambasht and PK Ambasht published by CKS publishers and distributors pvt. Ltd.
5. Ecotourism and sustainable development by Satish Chandra Nigam published by Rajat Publications
6. Ecology Environment and Tourism by L.K. Singh published by Isha books.

UNITWISE TIME AND MARKS DISTRIBUTION

Topic No.	Time allotted (Hrs)	Marks allotted (%)
1	6	10
2	10	20
3	10	20
4	10	20
5	6	15
6	6	15
Total	80	100

PROGRAM: THREE YEARS DIPLOMA PROGRAMME IN TRAVEL AND TOURISM	
Course Code: BS206	Course Title: ECOLOGY AND ENVIRONMENT LAB
Semester: 2ND	Credits: 2
Periods per week: 4(L:0 T:0 P:4)	

COURSE OBJECTIVE:

This course will expose the students to practical knowledge of Environment and Ecology so as to help in keeping the destinations and work places more ecofriendly for sustainable tourism.

PRACTICALS:

1. Visit to National Park and sanctuaries to study the environmental impacts.
2. Visit to monuments and pilgrimage sites (like Vaishno Devi) to study the environmental impacts.
3. Visit to sewage disposal plants.
4. Organize and attend environment awareness camps and disaster management camps.