

**Scheme of Studies for
BS Tourism & Hospitality and BS Archaeology Degree Programs
(Session 2023-2027 onwards)**

Approved by the 2nd Board of Studies held on September 28th, 2023.



**Institute of Cultural Heritage, Tourism and Hospitality
Management, University of Swat**

CONTENTS	Page. No.
Introduction	03
Vision of the institute	03
Mission of the Institute:	03
Degree Programs	03
Agenda Item-1 Scheme of Studies for BS (4 Years, 8 Semester Program) in Tourism and Hospitality (Fall Semester 2023-27 onwards).	10-124
Agenda item No.02 Scheme of Studies for BS (4 Years, 8 Semesters Program) in Archaeology (Fall Semester 2023-27 onwards).	125-259
Agenda Item No.03 Teaching of Holy Quran with Translation, Tafseer & Tajweed for BS Tourism and Hospitality and BS Archaeology Degree Programs, University of Swat	260-271

Introduction

The Institute of Cultural Heritage, Tourism and Hospitality Management (hereafter ICHTHM) have been established with a view to preserve the tangible and intangible cultural heritage of the Swat valley and to contribute towards development of an archaeological and ethnic profile of the region. It also aims to explore the genesis of the cultural activities, to trace the complex and rich historical past of the country, to promote eco- and cultural tourism of Pakistan in general and the Malakand division and the Northern Areas in particular. Moreover, the institute must impart the quality education at graduate, undergraduate and postgraduate levels meeting with the international standards. It was the prime need of the time to work on all the aspects of the subject, to create awareness among the general masses for playing a vital role in preserving the rich cultural heritage. It is also a need of time, to prepare professionals in fields of Archaeology, Cultural Heritage Management, Tourism Management, Hotel and Hospitality Management and Conservation of Tangible and Intangible cultural heritage of Pakistan. This could be possible only with the establishment of a department with faculty members having sound knowledge and experience in their respective areas of specialization. This department aims to protect and promote our rich heritage for the benefit of future generations.

Vision of the institute:

The vision of this institute is to become a leading institute imparting excellence in knowledge of Cultural Heritage, Archaeology, Tourism and Hospitality.

Mission of the Institute:

The mission of this institute is to prepare students for global leadership positions having sound professional skills with regional and local knowledge in the field of Archaeology, Cultural Heritage Management, Tourism and Hospitality Management through innovative learning, rigorous training, and diverse field activities through updated and advance curriculum.

Degree Programs

The Institute is currently offering two degrees i.e. BS Tourism & Hospitality and BS Archaeology.

BS Tourism and Hospitality

The concept of tourism and hospitality as an industry is not new to the world; however, the recognition of the field as a subject in Pakistan is recently adopted at university level. Every year countries around the world are generating billions of dollars of revenue while employing nearly 14 million people in the Tourism and Hotel industry. Recently, our country is also trying to generate revenue from this sector; therefore, the Higher Education of Pakistan has developed the curriculum of BS Tourism and Hospitality for launching the BS degree program in both public and private universities of the country. The Institute of Cultural Heritage, Tourism and Hospitality Management, University of Swat is therefore, offering BS Degree program in the field of Tourism and Hospitality for preparing the students as per the requirement of the Tourism and Hospitality sector/industry. The up to date and advance courses will help us in preparing professionals having a wide range of transferable skills. Along with the focus on the theoretical aspects of the program we are also focusing on providing students with firsthand practical exposure.

Program Objectives:

1. To prepare skilled professionals in the field of Tourism and Hospitality Management who can cope with the newly arising issues related to these fields.
2. To prepare professionals with diverse skills who can work in future as policy makers and young entrepreneurs in the field of Tourism and Hospitality.
3. To integrate cultural heritage sector in tourism industry for developing the area as a unique tourism product.
4. To enable students to promote tourism as a tool for sustainable development of the region.
5. To encourage the students to demonstrate their knowledge, skill and communicate ideas in an effective manner while providing quality services.
6. To acquire the necessary competency in Tour and Travel as well as hospitality Services, while discovering all the different aspects of this field.

7. To enable students to handle conservation and preservation issues related to the Cultural Heritage as professionals.
8. To enable them to handle the legal issues related to the Tourism and Hospitality in the light of national and international Charters.

Elements of the Strategic Plan to achieve Program Objectives:

1. Advance courses and curriculum designed according to the latest market trends in the degree program help in preparing professionals capable of coping with the newly arising national and international issues in the field of Cultural Heritage, Tourism and Hospitality Management.
2. Detail study of the issues facing by the Tourism and Hospitality industry will help the students to understand the strengths and weaknesses of the government and international policies.
3. Sustainable development related courses will help the students to understand the socio-economic importance of Tourism for the community development in a sustainable way.
4. Field visits and integration of practical knowledge in the courses along with the co-curricular activities will enable the students to meet the market expectations.
5. Practical exposure along with discussion on case studies and task-oriented work will enable the students to acquire the needed competency in the field of Travel and Tourism industry.
6. The theoretical and practical framework of the courses in the program will enable in developing a well-equipped and technically prepared human resource.
7. Detail study of cultural heritage laws and charters will enable the students to tackle any sort of legal issues that may arise during their work in the field.

Learning Outcomes:

1. After the completion of this degree program students will be able to understand the basic concepts of Tourism and Hospitality Management.
2. Students will be able to protect and promote cultural and natural resources of the region.
3. Students will be able to provide quality services while serving in the industry which will result in customer satisfaction.

4. They will be equipped to tackle the cultural and natural heritage related issues ranging from documentation and preservation to legal and promotional matters.
5. Students will be capable of doing teamwork for achieving organizational goals.
6. Diverse and transferable skills that they will achieve during time will help them to look after a variety of operations.
7. After completion of the degree program students will be able to establish their businesses while looking for new venues.
8. After the completion of the degree program students will be able to carry out major research projects in Tourism and Hospitality.
9. The students will be able to do decision making based on logical thinking and analytical skills.

HIGHER EDUCATION COMMISSION OF PAKISTAN STANDARDIZED TEMPLATE / SCHEME OF STUDIES FOR FOUR-YEAR INTEGRATED CURRICULA FOR BACHELOR'S DEGREE IN BASIC, SOCIAL, NATURAL AND APPLIED SCIENCES (2017).

STRUCTURE

Sr.	Categories	No. of courses Min – Max	Credit Hours Min – Max
1.	Compulsory Requirement (No Choice)	9 – 9	25 – 25
2.	General Courses to be chosen from other departments	7 – 8	21 – 24
3.	Discipline Specific Foundation Courses	9 – 10	30 – 33
4.	Major Courses including research project / Internship	11 – 13	36 – 42
5.	Electives within the major	4 – 4	12 – 12
	Total	40 – 44	124 – 136

- Total numbers of Credit hours 124-136
- Duration 4 years
- Semester duration 16-18 weeks
- Semesters 08
- Course Load per Semester 15-18 Cr hr
- Number of courses per semester 4-6 (not more than 3 lab / practical courses)

LAYOUT FOR BS TOURISM AND HOSPITALITY

Compulsory Requirements (the student has no choice)		General Courses to be chosen from other departments		Discipline Specific Foundation Courses	
9 courses		7-8 courses		9-10 courses	
25 Credit hours		21-24 Cr. Hours		30-33 Credit hours	
Subject	Cr. Hr	Subject	Cr. hr	Subject	Cr. hr
1. ENGLISH I	3	1. Principles of Management	3	1. Introduction to Tourism & Hospitality	3
2. ENGLISH II	3			2. Pakistan-Tourist Destinations	3
3. ENGLISH III	3	2. Cultural History of Pakistan	3	3. Sustainable Tourism	3
4. English IV/ Univ. Optional *	3			4. Cultural Tourism	3
5. PAKISTAN STUDIES	3	3. Introduction to Archaeology	3	5. Hospitality Operations	3
6. ISLAMIC STUDIES/ETHICS		4. Introduction to Psychology	3	6. House Keeping Operations and Management	3
7. MATHS I/ STATS I				7. Tourism and Hospitality Laws	3
8. MATHS II/ STATS II/ Univ. Optional **	2	5. Introduction to Sociology	3	8. Tourism Management	3
9. INTRODUCTION TO COMPUTER	2	6. Organizational and Consumer Behaviour	3	9. Event Management	3
	3				
	3	7. Public Relations	3		
		8. Logic & Critical Thinking	3		

	25		24		30
Major courses including research project/Internship			Elective Courses within the major		
11-13 courses			4 courses		
36-42 Credit hours			12 Credit Hours		
Subject	Cr. hr	Subject	Cr. hr		
1. Front Office Operations and Management	3	(Any four of the courses may be opted from the following elective courses)			
2. Tourism: Concepts and Principles	3				
3. Tourism Marketing	3		1. Tourism Planning and Development	3	
4. Heritage Management	3		2. Culinary Art	3	
5. Sacred/Religious Tourism	3		3. Destination Branding	3	
6. Sports and Adventure Tourism	3		4. Tourism and Peace	3	
7. Travel & Tour Operations	3				
8. Restaurant Management	3				
9. Accounting and Finance	3				
10. Research Project-I	3				
11. Research Project-II	6				
12. Emerging Trends in Tourism and Hospitality	3				

	42		12
--	-----------	--	-----------

Total Credit Hours: 124-136

*** University has the option to recommend any other course in lieu of English IV**

**** University may recommend any other course in lieu of Mathematics – II**

***** University may recommend the courses in the category of general courses from Humanities, Social & Biological Sciences.**

Note: Elective courses may be developed and offered by the concerned universities according to their specialties.

Agenda Item-1

Approval of Courses and Syllabus adopted for BS (4 Years, 8 Semester Program) Tourism and Hospitality for the Fall Semester 2023 onwards.

The following scheme of Studies is adopted for the BS Tourism and Hospitality Degree Program. The current scheme is taken from the HEC Revised Curricula of 2017, for the same degree program with some modifications as per the requirements of this Institute.

Eligibility Criteria for BS (4 year) in Tourism and Hospitality:

Admission Criteria	Course Title	Duration	Mode	Total No. of Credit Hours
For obtaining admission in BS (4 year) Tourism and Hospitality student must have FA/F.Sc. or Equivalent with minimum 45% marks.	B.S (4 Year) Tourism and Hospitality	04 years	Semester System	130

List of Compulsory Subject (The student has no choice) 09 Courses =25 Credit Hours

S. No	Subject Name	Credit Hours
1.	Functional English (English-I)	03
2.	Writing & Presentation Skills (English II)	03
3.	Communication Skill (English-III)	03
4.	English IV/ Univ. Optional *	03
5.	Pakistan Studies	02
6.	Islamic Studies / Ethics	02
7.	Maths-I/ Stats I	03
8.	Maths-II/ Stats II/ Univ. Optional	03
9.	Introduction to Computer	03
Total Credit Hours= 25		

List of General Subjects taken from other Departments (07-08 Courses)

S. No	Subject Name	Credit Hours
1.	Principles of Management	03
2.	Cultural History of Pakistan	03
3	Introduction to Archaeology	03
4	Introduction to Psychology	03
5	Introduction to Sociology	03
6	Organizational and Consumer Behavior	03
7	Public Relations	03
8	Logic & Critical Thinking	03
Total Credit Hours= 24		

List of Discipline Specific Foundation Courses (09-10 Courses)

S. No	Subject Name	Credit Hours
1.	Introduction to Tourism & Hospitality	03
2.	Pakistan – Tourist Destinations	03
3.	Sustainable Tourism	03
4.	Cultural Tourism	03
5.	Hospitality Operations	03
6.	House Keeping Operations and Management	03
7.	Tourism Management	03
8.	Tourism and Hospitality Laws	03
9.	Event Management	03
Total Credit Hours= 27		

List of Major Courses including research project / Internship (11-13)

S. No	Subject Name	Credit Hours
1.	Front Office Operations and Management	03
2.	Tourism: Concepts and Principles	03
3.	Tourism Marketing	03
4.	Heritage Management	03
5.	Sacred/Religious Tourism	03
6.	Travel & Tour Operations	03
7.	Sports and Adventure Tourism	03
8.	Restaurant Management	03
9.	Accounting and Finance	03
10.	Research Project-I/ Research Methodology	03
11.	Research Project-II/ Internship/ (Two subjects from the elective course, one each of 03 Credit Hours)	06
12.	Emerging Trends in Tourism and Hospitality	03
13.	Human Resource Management	03
Total Credit Hours= 42		

List of Elective within the Major Subjects of Tourism and Hospitality

S. No	Subject Name	Credit Hours
1.	Tourism Planning and Development	03
2.	Culinary Art	03
3.	Destination Branding	03
4.	Tourism and Peace	03

Total Credit Hours= 12

List of University Optional/ Elective Courses relevant to Tourism and Hospitality

The following courses are relevant to the discipline of Tourism and Hospitality and could be incorporated in the list of elective subjects in BS Tourism and Hospitality, either in lieu of the Major Courses such as English-IV and Maths II/Stati-II, or as elective courses to be offered instead of Research project/internship.

Course Code	Name of Subject	Cr.Hr
Elective-5	Archaeology of Swat	03
Elective-6	World Heritage Sites	03
Elective-7	Provincial Cultural Heritage	03
Elective-8	Gandhara Civilization	03
Elective 9	Indigenous Cultures of Pakistan	03
Elective 10	Archival Studies (<i>This course is included as per HEC circular No.HEC/CURR/NAP/ARCHIVES/2021/2026</i>),dated 25-09-2021	03
Elective-11	Dark Tourism	03
Elective -12	Urban and Rural Tourism	03
Elective -13	Recreation, leisure, and Entertainment Management	03
Elective-14	Electronic Tourism	03
Elective-15	Geographic information system &Remote Sensing	03
Elective-16	Customer Care	03
Elective-18	Cultural Anthropology	03

Elective-19	Archaeological Heritage of Pakistan	03
Elective-20	Hotel Management-I (Front office Management)	03
Elective-21	Hotel Management-II (Accommodation Operations)	03
Elective-22	Hotel Management-III (Food& Beverage Production & Services)	03
Elective-23	Tourism Geography	03

Semester Break up BS (4 Year) Tourism and Hospitality Degree Program w.e.f. Fall Semester 2023 onwards.

FIRST SEMESTER		
Course Code	Course Title	Credit Hrs.
ENG-101	Compulsory I: English I (Functional English)	3(3+0)
PS-102	Compulsory II: Pakistan Studies	2(2+0)
MTM-103/Stat-103	Compulsory III: Maths I/Stat-I	3(3+0)
MGT-104	General I: Principles of Management	3(3+0)
HIST-105	General II: Cultural History of Pakistan	3(3+0)
TH-106	Foundation I: Introduction to Tourism & Hospitality	3(3+0)
Total Credit hours		17
SECOND SEMESTER		
Course Code	Course Title	Credit Hrs.
ENG-151	Compulsory IV: English II (Communication Skills)	3(3+0)
MTM-152	Compulsory V: Maths-II/Uni.Opt. (World Heritage Sites)	3(3+0)

ISL-153	Compulsory VI: Islamic Studies	2(2+0)
ARCH-154	General III: Introduction to Archaeology	3(3+0)
PSY-155	General IV: Introduction to Psychology	3(3+0)
TH-156	Foundation II: Pakistan – Tourist Destinations	3(3+0)
Total Credit hours		17
THIRD SEMESTER		
Course Code	Course Title	Credit Hrs.
ENG-201	Compulsory VII: English III (Technical Writing and Presentation Skills)	3(3+0)
TH-202	Foundation III: Sustainable Tourism	3(3+0)
SOC-203	General V: Introduction to Sociology	3(3+0)
MGT-204	General VI: Organizational and Consumer Behavior	3(3+0)
TH-205	Foundation IV: Cultural Tourism	3(3+0)
Total Credit hours		15
FOURTH SEMESTER		
Course Code	Course Title	Credit Hrs.
ENG-251	Compulsory VIII: English IV/ Uni.Opt.	3(3+0)
CS-252	Compulsory IX: Introduction to Computer	3(3+0)
TH-253	Foundation V: Hospitality Operations	3(3+0)
JMC-254	General VII: Public Relations	3(3+0)
TH-255	Foundation VI: : House Keeping Operations and Management	3(3+0)
Total Credit hours		15
FIFTH SEMESTER		
Course Code	Course Title	Credit Hrs.
TH-301	Foundation VII: Tourism Management	3(3+0)
TH-302	Foundation VIII: Tourism and Hospitality Laws	3(3+0)
TH-303	Major I: Front Office Operations and Management	3(3+0)
TH-304	Major II: Tourism: Concepts and Principles	3(3+0)
TH-305	Major III: Tourism Marketing	3(3+0)
TH-306	Major IV: Heritage Management	3(3+0)

Total Credit hours		18
SIXTH SEMESTER		
Course Code	Course Title	Credit Hrs.
TH-351	Foundation IX: Event Management	3(3+0)
Phil-352	General VIII: Logic & Critical Thinking	3(3+0)
TH-353	Major V: Sacred/Religious Tourism	3(3+0)
TH-354	Major VI: Travel & Tour Operations	3(3+0)
TH-355	Major VII: Sports and Adventure Tourism	3(3+0)
MGT-356	General: Project Management	3(3+0)
Total Credit hours		18
SEVENTH SEMESTER		
Course Code	Course Title	Credit Hrs.
TH-401	Major VIII: Restaurant Management	3(3+0)
MGT-402	Major IX: Accounting and Finance	3(3+0)
TH-403	Elective I: Tourism Planning and Development	3(3+0)
TH-404	Elective II: Culinary Art	3(3+0)
TH-405	Major X: Research Methodology	3(3+0)
Total Credit hours		15
EIGHTH SEMESTER		
Course Code	Course Title	Credit Hrs.
TH-451	Major XI: Research Project/ Internship/ Two subjects from the elective courses	3+3=06
TH-452	Major XII: Emerging Trends in Tourism and Hospitality	3(3+0)
MGT-453	Major XIII: Human Resource Management	3(3+0)
TH-454	Elective III: Destination Branding	3(3+0)
TH-455	Elective IV: Tourism and Peace	3(3+0)
Credit hours		18
Total Credit hours of the Semester=133		

DETAIL OF COURSES

SEMESTER-I

Course Code	Course Title	Credit Hrs.
ENG-101	Compulsory I: English I (Functional English)	3(3+0)
PS-102	Compulsory II: Pakistan Studies	2(2+0)
MTM-103/Stat-103	Compulsory III: Maths I/Stat-I	3(3+0)
MGT-104	General I: Principles of Management	3(3+0)
HIST-105	General II: Cultural History of Pakistan	3(3+0)
TH-106	Foundation I: Introduction to Tourism & Hospitality	3(3+0)
Total Credit hours		17

Course Title	English-I	Cr. Hr. 03
---------------------	------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

This course provides individualized and small group instruction in basic reading and writing skills. The course focuses on foundational phonics skills, functional vocabulary, and comprehension, as well as writing personal information, creating lists and basic computer skills. The course will ensure that candidates will communicate effectively in English language.

COURSE OUTCOMES:

On the successful completion of the course candidates will be able to: • Use vocabulary correctly. • Construct sentences using correct grammar. • Write meaningful essays and précis and comprehend written English.

WEEK 1-4

Module-1 Fundamentals of grammar

Parts of speech and their correct usage, sentence structure and types of sentences, Parts of speech & their correct usage, Sentence Structure, and types of sentences. spelling, vocabulary. Listening skills, speaking skills, Writing skills.

WEEK 5-8

Module -2 Message Design

- Process of preparing effective business message.
- The appearance and design of business message
- Good-news and neutral messages.

WEEK 9-12**Module -3 Strategies for Oral Communication.**

- Strategies for successful speaking and successful listening.
- Strategies for successful informative and persuasive speaking

WEEK 13-16**Module -4 The Job application Process.**

- The written job presentation
- The job application process-interviews and follow-up.

RECOMMENDED BOOKS/READINGS:

1. Howe, D.H, Kirpatrick, TA., & Kirpatrick, D.L. (2004). Oxford English for undergraduates, Karachi: Oxford University Press.
2. I. A. Richards & Christine Gibson, Learning Basic English: A Practical Handbook for English-Speaking People, New York: W. W. Norton & Co. (1945)
3. Basic English: A Protest, Joseph Albert Lauwerys, F. J. Daniels, Robert A. Hall Jr., London: Basic English Foundation, 1966. An answer to Robert A. Hall, Jr.'s criticism
4. Murphy, R. (2003). Grammar in Use.

PS-102	Pakistan studies	Cr. Hr. 03
---------------	-------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

The course provides a complete knowledge of Pakistan movement. The course also focus on the culture, people, geographical features, constitution evaluation, contemporary issue of the country. The main objective of the course is to enhance students' knowledge about geo-political, cultural, constitutional and current issues prevailing in Pakistan.

Course Contents:

WEEK 1-5:**Module - 1: Historical Perspective**

- Ideological rationale with special reference to Sir Syed Ahmed Khan, Allama Muhammad Iqbal, and Quaid-i-Azam Muhammad Ali Jinnah.
- Factors leading to Muslim separatism.
- People and Land
- Indus Civilization
- Muslim advent
- Location and Geo-Physical features.

WEEK 6-12:**Module - 2: Government and Politics in Pakistan**

- Political and constitutional phases:
 - a. 1947-58
 - b. 1958-71
 - c. 1971-77
 - d. 1977-88
 - e. 1988-99
 - f. 1999 onward

WEEK 13-16:**Module - 3: Contemporary Pakistan**

- Economic institutions and issues
- Society and social structure
- Ethnicity
- Foreign policy of Pakistan and challenges
- Futuristic outlook of Pakistan

Recommended Books/Readings

- 1) Burki, Shahid Javed. State & Society in Pakistan, The Macmillan Press Ltd 1980.
- 2) Akbar, S. Zaidi. Issue in Pakistan's Economy. Karachi: Oxford University Press, 2000.
- 3) S.M. Burke and Lawrence Ziring. Pakistan's Foreign policy: An Historical analysis. Karachi: Oxford University Press, 1993.
- 4) Mehmood, Safdar. Pakistan Political Roots & Development. Lahore, 1994.
- 5) Wilcox, Wayne. The Emergence of Bangladesh., Washington: American Enterprise, Institute of Public Policy Research, 1972.

- 6) Mehmood, Safdar. Pakistan Kayyun Toota, Lahore: Idara-e-Saqafat-e-Islamia, Club Road, nd.
- 7) Amin, Tahir. Ethno - National Movement in Pakistan, Islamabad: Institute of Policy Studies, Islamabad.
- 8) Ziring, Lawrence. Enigma of Political Development. Kent England:
- 9) WmDawson & sons Ltd, 1980.
- 10) Zahid, Ansar. History & Culture of Sindh. Karachi: Royal Book Company, 1980.
- 11) Afzal, M. Rafique. Political Parties in Pakistan, Vol. I, II & III. Islamabad: National Institute of Historical and cultural Research, 1998.
- 12) Sayeed, Khalid Bin. The Political System of Pakistan. Boston: Houghton Mifflin, 1967.
- 13) Aziz, K.K. Party, Politics in Pakistan, Islamabad: National Commission on Historical and Cultural Research, 1976.
- 14) Muhammad Waseem, Pakistan Under Martial Law, Lahore: Vanguard, 1987.
- 15) Haq, Noor ul. Making of Pakistan: The Military Perspective. Islamabad: National Commission on Historical and Cultural Research, 1993.

MATH-103	Mathematics-I	Cr. Hr. 03
-----------------	----------------------	-------------------

Course Description:

This course is built upon the mathematical concepts, principles and techniques that are useful in Archaeology and Tourism management. The main objectives of the course are to enhance student`s competency in application of mathematical concepts in solving management problems and to improve their level of quantitative approach.

Course Outcomes:

Upon the successful completion of this course, students should be able to understand Mathematical Functions, Building and solving linear and quadratic equations, Types of functions, Matrices and its applications as well as model the effects of non-isothermal problems through different domains.

Course Contents:

WEEK 1:**Module - 1: Algebra**

Preliminaries: Real and complex numbers, Introduction to sets, set operations, functions, types of functions.

WEEK 2:**Module - 2:**

Matrices: Introduction to matrices, types of matrices, inverse of matrices, determinants, system of linear equations, Cramer's rule.

WEEK 3:**Module - 3:**

Quadratic equations: Solution of quadratic equations, nature of roots of quadratic equations, equations reducible to quadratic equations.

WEEK 4:**Module - 4:**

Sequence and Series: Arithmetic, geometric and harmonic progressions.

WEEK 5:**Module - 5:**

Permutation and combinations: Introduction to permutation and combinations,

WEEK 6:**Module - 6:**

Binomial Theorem: Introduction to binomial theorem.

WEEK 7:**Module - 7:**

Trigonometry: Fundamentals of trigonometry, trigonometric identities.

WEEK 8:**Module - 8:**

Graphs: Graph of straight line, circle and trigonometric functions.

WEEK 9-11:**Module - 9: Statistics**

Introduction: Meaning and definition of statistics, relationship of statistics with social science, characteristics of statistics, limitations of statistics and main division of statistics.

WEEK 12-14:**Module - 10:**

Frequency distribution: Organization of data, array, ungrouped and grouped data, types of

frequency series, individual, discrete and continuous series, tally sheet method, graphic presentation of the frequency distribution, bar frequency diagram histogram, frequency polygon, cumulative frequency curve. Measures of central tendency: Mean and medium and modes, quartiles, deciles and percentiles.

WEEK 15-16:

Module - 11:

Measures of dispersion: Range, inter quartile deviation mean deviation, standard deviation, variance, moments, skewness and kurtosis.

Recommended Readings:

1. Budnick, Mathematics for Business Economics and Social Science
2. Burton, Shelton, Business Maths using Excel, South-Western Cengage Learning
3. Cheryl Cleaves, Business Maths, Pearson (Latest Edition)
4. Kaufmann. J. E., 'College Algebra and Trigonometry', PWS-Kent Company, Boston, Latest Edition.
5. Swokowski. E. W., 'Fundamentals of Algebra and Trigonometry', Latest Edition.
6. Walpole, R. E., 'Introduction of Statistics', Prentice Hall, Latest Edition.
7. Wilcox, R. R., 'Statistics for the Social Sciences'.

MGT-104	Principles of Management	Cr. Hr. 03
----------------	---------------------------------	-------------------

Course Introduction and Objective:

Examination of management theory and provide opportunities for application of these ideas in real world situations. This examination focuses on the managerial functions of Assessing, Planning, Organizing, and Controlling. Both traditional and cutting-edge approaches are introduced and applied. Specific attention is paid throughout the course to the ethical implications of managerial action and inaction.

- Evaluate the global context for taking managerial actions of planning, organizing, and controlling.
- Assess global situation, including opportunities and threats that will impact management of an organization.

- Integrate management principles into management practices.
- Assess managerial practices and choices relative to ethical principles and standards.
- Specify how the managerial tasks of planning, organizing, and controlling can be executed in a variety of circumstances.
- Determine the most effective action to take in specific situations.
- Evaluate approaches to addressing issues of diversity.

COURSE OUTCOMES:

1. Discuss and communicate the management evolution and how it will affect future managers.
2. Observe and evaluate the influence of historical forces on the current practice of management.
3. Identify and evaluate social responsibility and ethical issues involved in business situations and logically articulate own position on such issues.
4. Explain how organizations adapt to an uncertain environment and identify techniques managers use to influence and control the internal environment.
5. Practice the process of management's four functions: planning, organizing, leading, and controlling. 6. Evaluate leadership styles to anticipate the consequences of each leadership style.

WEEK 1-4:

Module I Introduction to Management and Foundation of Management:

What is management, Functions, Skills of management, Management types, Historical forces shaping management, Classical management – Scientific Management- Bureaucratic Management – Administrative principles, Humanistic Perspective –Human Relations Movement – The Human Resource Perspective – The Behavioral Science Approach, Ethics

WEEK 5-8:

Module II Goal Setting & Planning:

Goals, Planning, Types of planning, Time Horizon, what is strategy, Strategic management, SWOT, Types of Strategies, From Formulation to Implementation, Fundamental of decision making, Types of decision making, steps in decision making.

WEEK 9-12:

Module III Fundamental of organizing:

What is organizing, Types of organizations, Departmentalization, Division of labor.

WEEK 13-14:

Module IV Leading:

Nature of leadership, Leadership verses Management, Position power, Personal power, Empowerment, Behavioral approach, Contingency Approach, New Leadership Approach.

WEEK 15-16:

Module V Controlling:

Importance of Control, Planning & Controlling, Organization control focus, TQM, Elements of organization control, Management control system, Financial Control, Budgeting process, Trends in financial control

Recommended Books:

1. Understanding hospitality Law, Jack. P. Jeffries and Banks Brown 4th edition. Chips Books, Texas.
2. Hospitality and tourism law, M. Boustiv, J. Ross, N. Geddes, W. Stewart, International Thomson Business press 1999.
3. Principles of Hospitality Law, Mike Boella, Alan Pannett, 2nd edition, Cengage Learning Business Press.
4. www.tourism.gov.pk
5. Publication for Acts
6. Stephen P. Robins, Mary Coulter: Management
7. H. Koontz Odonnell and H. Weihrich: Management
8. Mc Farland: Management: Foundation and Practice
9. Robert M. Fulmer: The New Management
10. Brownell, Judi. "Women in Hospitality Management: General Managers' Perception of Factors Related to Career Development." International Journal of Hospitality Management, Vol. 13, No. 2, pp. 101–118, June 1994.
11. H. Koontz Odonnell and H. Weihrich: Management
12. Mc Farland: Management: Foundation and Practice

13. Robert M. Fulmer: The New Management

HIST-105	Cultural History of Pakistan	Cr. Hr. 03
-----------------	-------------------------------------	-------------------

Course Introduction & Objectives:

The course deals with the pre-Muslim period of Indo-Pakistan history. It deals with the Indus Valley Civilization and its landmarks and then also focuses on the origin and development of three important religions of the world: Hinduism, Jainism and Buddhism. It also discusses religion-political history and social conditions of the people of this period.

After studying this course, students will be able to: • Appreciate the achievements of one of the oldest civilizations of the world—Indus Valley—and its relevance to today's world. • Understand the socio-political and religious conditions of the people. • Develop a background for the later developments in India.

WEEK 1-2:**Module-1 Sources of ancient history:****WEEK 3-9:****Module-2 Ancient History of Indo Pak:****Prehistoric period:**

- Vedic Aryans: social, political, economic, and religious life
- Buddhism: Life and teachings of the Buddha
- Jainism
- Hinduism
- Achaemenian rule in Pakistan
- Alexander's invasion of Pakistan
- Mauryan dynasty: Administration of Chandragupta Maurya, Ashoka's contributions to Buddhism
- Indus-Greeks

- Scythians
- Parthians
- Kushanas: Achievements of Kanishka, Gandhara Art
- Sassanians
- White Huns
- Odi Shahis (i.e. Hindu Shahis)

WEEK 10-16:

Module-3 Muslim History of Pakistan and India:

Arabs:

- Early contact
- Conquests of Baluchistan, Sindh and the NWFP
- Muslim rule in Baluchistan and Sindh under the Arab Khilafat

Turks:

- Trans Khyber activities of Ghaznavids and the rise and fall of Lahore as a center of Muslim State AD 997-1210

The rise of the Ghorids and the establishment of Delhi as the capital of Muslim India

- The Delhi Sultanate with Multan, Uchch and Lahore as centers in the west and Awadh and Bengal in the east AD 1150 to 1325.
- Fragmentation and Turbulence AD 1325 to 1425

Afghans:

- Lodhis
- Suris

Mughals and Post Mughals:

- Phases of establishment and transition from Sultanate to Badshahat AD 1526 to 1576 •
- Phase of Vibrant Mughal Society, culture and administration AD 1576 to 1707 •

Decadence and decline AD 1707 to 1830

- Final stages AD 1830 to 1857

Provincial Chapter:

Every province will develop its Muslim period history accordingly.

RECOMMENDED BOOKS/READINGS:

1. Abdur Rahman, The Last two Dynasties of the Sahis, Islamabad, 1979.
2. Basham, A.L. The Wonder that was India, rpt. India, 1963.
3. Majumdar, R.C. et.al. An Advanced History of India, Part-I, London, 1960.
4. Qureshi, I.H. (ed.), A Short History of Pakistan, Book One, Karachi, 1967.
5. Smith V.A. The Early History of India, from 600 BC to the Muhammad Conquest, Oxford, 1967.
6. Thapar, R. A History of India, vol. 1, Penguin Books, New York, 1979.
7. Abdur Rahman, 'New Light on the Khingala, Turk and the Hindu Sahis', Ancient Pakistan, Vol. XV, 2002, 37-42
8. Abdur Rahman, 'Ethnicity of the Hindu Sahis', Journal of the Pakistan Historical Society, Vol. LI, No.3, 2003, pp. 3-10
9. Ali, M. The Court of the Great Mughals, Lahore, 1986.
10. Amjid, Y. Tareekh-e-Pakistan, Vols. I, II, (Urdu) Barani, Z. Tarikh-i Feroz Shahi, Urdu tr. Aftab Asghar, Lahore, 1986.
11. Cambridge History of India, Vols. III, IV.
12. Elliot and Dowson, The History of India as Told by Its Own Historians, all vols., Lahore, 1976 (1st pub. 1867-77)

TH-106	INTRODUCTION to TOURISM & HOSPITALITY	Cr. Hr. 03
---------------	--	-------------------

Course Introduction and Objectives:

This course is designed to introduce students to the tourism and hospitality industry. Consideration is given to the concepts and vocabulary common throughout the tourism and hospitality sectors. A critical examination of the competition for resources with other industries is examined.

Course Objectives:

1. Describe the characteristics of tourism.
2. Define, understand, and explore a variety of tourism terminology and concepts.
3. Identify evolving issues and trends in the tourism industry and discuss their implications for festivals and events.
4. Define the interrelationship of the five sectors of the tourism industry and evaluate their role in supporting events.
5. Describe the history and current scope of the Hospitality industry.
6. Describe the basic structure and organization of the foodservice industry.
7. List and describe the basics of catering operations.
8. Explain the structure, amenities, and product types available in the lodging industry.

Course Contents:

WEEK 1-3:

Module -1

Definitions, History, Scope, Types and Forms, Basis of Tourism, Limits of Tourism, Tourism Promotion. Main Global features, Time Zones and Climate.

WEEK 4-6:

Module -2

Travel (Air, Sea, Road), Accommodation (Hotels & Restaurants), Infrastructure, Super Structure, Composition, Related Industries, Recourses (Natural & Cultural), Activities.

WEEK 7-10:

Module -3

What is Hospitality industry, hospitality and tourism, characteristics of Hospitality industry, The natures of Hospitality industry, services offered by hospitality industry, relationships with other

sectors of tourism Industry. Historical development in accommodation sector, accommodation classification, F&B establishment classification, Hotel guests and Types of guests, ownership and management of accommodations, management measures for hotels.

WEEK 11-13:

Module – 4

Influences of hospitality industry on other establishment, working conditions in hospitality industry, service ethos. Types of establishments, key departments 26 Hospitality structures (organizational) major Hospitality division, support departments.

WEEK 14-16:

Module – 5

The Hotel Development Process, The Art and Science of Opening a Hotel, Customer Relationship Management, Ownership structure of hotels. Types Sole proprietorship, Partnership, Management Contract, Joint Venture, Franchisee, Public Sector, Private Sector, Referral Groups/Consortium Concept, Features, Advantages and Disadvantages.

Recommended Books:

1. Boniface, Brian G., and Chris Cooper. *Worldwide Destinations: The Geography of Travel and Tourism*, 3rd Ed.
2. Brownell, Judi. "Women in Hospitality Management: General Managers' Perception of Factors Related to Career Development." *International Journal of Hospitality Management*, Vol. 13, No. 2, pp. 101–118, June 1994.
3. Burkart, A. J., and S. Medlik. *Historical Development of Tourism*. Aix-en-Provence, France: Centre des Hautes Etudes Touristiques, 1990.
4. Burns, Peter M., and Andrew Holden. *Tourism: A New Perspective*. New York: Prentice Hall, 1995.
5. Bennett, M. M. "Strategic Alliances in the World Airline Industry." *Progress in Tourism and Hospitality Research*, Vol. 3, No. 3, pp. 213–224, 1997.
6. Dwyer, Larry, and Peter Forsyth. "Economic Significance of Cruise Tourism." *Annals of Tourism Research*, Vol. 25, No. 2, pp. 393–415, April 1998.
7. Harris, Robert, and Joy Howard. *Dictionary of Travel, Tourism, and Hospitality*
8. Towner, John. "Approaches to Tourism History." *Annals of Tourism Research*, Vol. 15, No. 1, pp. 47–62, 1988.

9. Rice, Kate. "The Professional Prospects for Women in Travel." Travel Counselor, No. 29, pp. 20–22, October 28, 1996.

10. Professional hospitality an introduction global books & subscription service New Delhi.

11. Hotel Management and Operation, John Wiley & Sons, Inc.

12. Introduction to Hospitality-John R. Walker University of South Florida Publisher: Prentice Hall

13. Hotel Management-educational & environmental aspects-Yogender K. Sharma

14. Housekeeping Training Manual– Sudhir Andrews (Tata McGraw Hill).

15. Front Office Training Manual– Sudhir Andrews (Tata McGraw Hill).

16. Food & Beverage Training Manual– Sudhir Andrews (Tata McGraw Hill).

17. Managing Front Office Operations – Kasavana & Brooks

18. Hotel, Hostel and Hospital Housekeeping – Joan C Branson & Margaret Lennox

SEMESTER-II

Course Code	Course Title	Credit Hrs.
ENG-151	Compulsory IV: English II (Communication Skills)	3(3+0)
MTM-152/ MGT-152	Compulsory V: Maths II/Stat-II / University optional (Destination Management)	3(3+0)
ISL-153	Compulsory VI: Islamic Studies / Ethics	2(2+0)
ARCH-154	General III: Introduction to Archaeology	3(3+0)
PSY-155	General IV: Introduction to Psychology	3(3+0)
TH-156	Foundation II: Pakistan – Tourist Destinations	3(3+0)
hours		Total Credit 17

ENG-151	English-II (Communication Skills)	Cr. Hr. 03
----------------	--	-------------------

Module-1 Theory:

- Elements of effective language
- Correct use of words & expression
- Treacherous words; Translation from Urdu to English & Vice Versa

Module-2 Practical:

1. Comprehension and translation exercises.

Recommended Books/Readings:

1. English for international tourism by Pearson education Limited
2. English for international tourism workbook by Pearson education Limited
3. English for Careers Tourism by Robin Walker and Keith Harding
4. English for Tourism Vocational Schools of Hospitality and Tourism Gu Kesil Nilgun Yorganc
5. English for Careers Tourism 1 Teachers Book - Robin Walker and Keith Harding.

MTM-152	Mathematics-II	Cr. Hr. 03
----------------	-----------------------	-------------------

Course Objectives

To prepare the students, not majoring in mathematics, with the essential tools of calculus to apply the concepts and the techniques in their respective disciplines.

Course Contents**WEEK 1-4:****Preliminaries:**

Real-number line, functions and their graphs, solution of equations involving absolute values, inequalities.

WEEK 5-8:

Limits and Continuity:

Limit of a function, left-hand and right-hand limits, continuity, continuous functions.

WEEK 9-12:**Derivatives and their Applications:**

Differentiable functions, differentiation of polynomial, rational and transcendental functions, derivatives.

WEEK 13-16:**Integration and Definite Integrals:**

Techniques of evaluating indefinite integrals, integration by substitution, integration by parts, change of variables in indefinite integrals.

Recommended Books

1. Anton, H., Bevens, I., Davis, S., 2005. Calculus: A New Horizon. 8 th ed. John Wiley, USA.
2. Stewart, J., 1995. Calculus. 3 rd ed. Brooks/Cole
3. Swokowski, E.W., 1983. Calculus and Analytic Geometry. PWSKent Company, USA
4. Thomas, G.B. and Finney, A.R., 2005. Calculus. 11th ed. AddisonWesley, Reading, USA.

MGT-152	Destination Management	Cr. Hr. 03
----------------	-------------------------------	-------------------

Course Description:

Destination management is about managing the operations on a particular destination having attraction among the tourists due to natural or cultural importance. Visitor's management is one of the key elements of this subject as the stakeholders are facing problems to handle the large number of tourists on a destinations.

Course Outcomes:

This course will enable the students to comprehend the handling steps for tourists on the destination as well as operational efficiency.

Course Contents:**WEEK 1-4:**

Module - 1: Introduction

Introduction to Destination, Context, World Famous Destinations, Pakistan Famous Destinations

WEEK 5-6:**Module - 2: Development**

Destinations Development, Carrying Capacity, Processes, Demand for Destination

WEEK 7-8:**Module - 3: Management**

Management of Destination, Five “W”, What, Where, When, Why, Who.

WEEK 9-10:**Module - 4: DMOs**

Destination Management Organizations, Destination Management Activities.

WEEK 11-13:**Module - 5: Marketing**

Marketing of Destination, Comparison of National Destinations with International Destinations.

WEEK 14-16:**Module - 6: Advantages**

Competitive advantage of Destinations.

Recommended Books/Readings

- 1) Clare linkson and Lynn Minnaert “Tourism Management”.
- 2) Bornhorst,T., Ritchie,J.R.B and Sheehan,L.(2010)”Determinants of Tourism success for Destination Management Organizations and Destinations: An empirical examination of stakeholders perspective” Tourism Management,31(5):572-589.
- 3) “The Competitive Destination:A Sustainable Tourism Perspective.”Ritchie,J.R.B and Crouch,G(2003).Wallingford:CABI.

ISL-153	Islamic Studies	Cr. Hr. 02
----------------	------------------------	-------------------

Course Introduction & Objectives

This course is designed to provide the students with basic concepts and principles of Islam. The course also focuses on the life of Muhammad (S.A.W) and makes an introduction of tourism and hospitality reference to Islamic teachings.

WEEK 1-2:**Module-1 Introduction to Quranic Studies:**

- Basic concepts of Quran, History of Quran, Uloom ul quran

WEEK 2-8:**Module-2 Study of the selected Text from the Holy Quran:**

- Verses of Surah Al-Baqara related to faith (verse No. 284-286)
- Verses of Surah Al- Hujrat related to Adab Al -Nabi (verse No:1-18)
- Verses of Surah Al- Ihzab related to Adab Al -Nabi (verse No:6, 21,40,56,57,58)
- Verses of surah Al-Mumanoon related to charactristes of faithful (verseNo: 1-11)
- Verse Surah al-Furqan related to social ethics (verse No: 63-77)
- Verses of surah Al-inam related to Ihkam (verse No:152-154)
- Verses of surah Al-saf related to tafakar, tadabar (verse No; 1-14)

WEEK 9-10:**Module-3 Basic concepts of Hadith:**

- History of Hadith
- Kinds of Hadith
- Uloom ul Hadith
- Legal position of Sunnah

WEEK 11-12:**Module- 4 Life of Prophet Muhammad (P.B.U.H.):**

- Life of Muhammad bin Abdullah (before prophethood)
- Life of the Holy prophet (S.A.W) in Makkah
- Life of the prophet (S.A.W) in Madina

WEEK 13-14:**Module-5 Islamic Civilization:**

- Basic concepts of Islamic political system
- Islamic concept of sovereignty
- Basic institutions of Government in Islam

WEEK 15-16:**Module-6 Tourism & Hospitality and Islamic concepts:**

- Ethics of hospitality in Islam
- Ethics of food and beverages in Islam
- Ethics of Travel and travelers in Islam

Recommended Books/Readings:

1. Ahmad Hasan, (1993), “Principles of Islamic Jurisprudence” Islamic Research Institute: Islamabad: Pakistan, International Islamic University.
2. Bhatia, H. S. (1989) “Studies in Islamic Law, Religion and Society” NewDelhi: Deep & Deep Publications
3. Dr. Muhammad Zia-ul-Haq, (2001). “Introduction to Al Sharia Al Islamia”Islamabad, Pakistan: Allama Iqbal Open University
4. Hameed ullah Muhammad, „Introduction to Islam Mulana Muhammad Yousaf Islahi,”
5. Hameed ullah Muhammad, “Emergence of Islam”, Islamabad: IRI.
6. Hameed ullah Muhammad, “Muslim Conduct of State” Islamabad, Pakistan: Hussain Hamid Hassan, u leaf Publication.
7. Mir Waliullah, (1982), “Muslim Jurisprudence and the Quranic Law of Crimes” Islamic Book Service.

ARCH-154	Introduction to Archaeology	Cr. Hr. 03
-----------------	------------------------------------	-------------------

Course Introduction & Objectives:

The discipline of Archaeology involves the study of past societies, their practices and behaviours as deduced by the analysis and interpretation of their material remains. This course will provide an introductory exploration of archaeological theory, method, and practice.

Course Outcomes:

- By the end of this course, you should be able to do the following:
- Define archaeology and its relevant role in reconstructing the past.
- Exhibit an understanding of the development of the discipline.
- Demonstrate knowledge about basic archaeological techniques and methods.
- Analyze and critically evaluate archaeological material culture.
- Synthesize archaeological data to make informed and educated interpretations.
- Effectively communicate knowledge about archaeological ethics and contemporary heritage management efforts and organizations

WEEK 1-14:**Module-1 Theory:**

- Definitions and Terminologies in Archaeology
- Aims and Objectives of Archaeology
- Brief History and developments of Archaeology
- Relation of Archaeology with Tourism and other subjects
- Field Archaeology (Discovery, Survey, Excavation, Recording, Pottery-yard, Registration, Cataloguing, Publication, Report writing)
- Pakistani Cultures & Civilizations (Indus & Gandhara)

WEEK 15-16:**Module-2 Practical:**

- Visit to Archaeological Sites, Monuments and Museums

Recommended Readings:

1. Agrawal, D.P. Ghosh, A. (eds.), Radiocarbon and Indian Archaeology, Bombay, 1973.
2. Aitkin, M.J. Science-based Dating in Archaeology, Longman, London, 1990.

3. Bowman, S.G.E. Radiocarbon Dating, the British Museum publication, London, 1990.
4. Fagan, B.M. In the Beginning: An Introduction to Archaeology, HarperCollins, 7th ed., 1991.
5. Hole, F. and Heizer, R.F. Prehistoric Archaeology: A Brief Introduction, New York, 1977.
6. Joukowsky, M. A. Complete Manual of Field Archaeology, USA, 1980.
7. Renfrew, C. and Bahn, P. Archaeology: Theories, Methods, and Practice, Thames and Hudson, London, 1991.

PSY-155	Introduction to Psychology	Cr. Hr. 03
----------------	-----------------------------------	-------------------

Course Introduction & Objectives

This course will introduce you to the fundamental principles of psychology. It has been designed not only to provide students with the tools necessary for the study of psychology but to present with a sampling of the major areas of psychology research. The course begins with a short overview of how psychology developed as an academic discipline and an introduction to a number of the principle methodologies most commonly developed in its study. The subsequent units are arranged around broad areas of research including emotions, development, memory, and motivation etc.

Learning Outcomes:

- Upon successful completion of this course, you will be able to:
- Identify the steps of the scientific method and explain how this method applies to psychological research methodology and statistical analyses.
- Demonstrate an understanding of the general history of the field of psychology.
- Explain the nature versus nurture argument and the status of thinking regarding gene-environment interaction.

- Identify the basic components and mechanisms of the major biological systems often studied in psychology; and
- Demonstrate an understanding of the basic findings within a variety of areas of psychology, including Sensation and perception, Learning and memory, Emotion, Development, Social psychology.

Course Contents:

WEEK 1-3:

Module I:

- Introduction to Psychology
- Research Methodology
- Biological Bases of Behavior

WEEK 4-6:

Module II:

- Learning
- Memory & Cognition
- Personality

WEEK 7-10:

Module III:

- Abnormal Psychology
- Altered states of consciousness
- Motivation
- Emotion

WEEK 11-13:

Module IV:

- Life-Span Development
- Human Sexuality
- Social Psychology
- Health Psychology/Stress Management

WEEK 14-16:

Module V:

- Sensation
- Perception
- Cognition/Memory
- Intelligence

Recommended Books:

1. An Introduction to the History of Psychology by B.R Hergenhahn and TracyHenley
2. CLEP Introductory Psychology Book with Online CLEP Test Preparation 2nd Edition by Don J. Sharpsteen
3. Introduction to Psychology 10th Edition by James W. Kalat
4. Introduction to Psychology 10th Edition by Rod Plotnik and HaigKouyoumdjian
5. Introduction to Psychology: Gateways to Mind and Behavior with ConceptMaps and Reviews by Dennis Coon and John O. Mitterer
6. Psychology – 10th Edition by David G. Myers.

TH-156	Pakistan – Tourist Destinations	Cr. Hr. 03
---------------	--	-------------------

Course Introduction and Objectives:

This course focuses on the classification of the tourism resources of Pakistan. The course further makes clarification of tourist's circuits and paths, tourist facilities. The student will get knowledge about the popular destinations in Pakistan. The course also emphasis to permeate students with an appreciation of the finite natural and cultural resources, and the importance of prudent and responsible management.

Objectives:

1. Enhancement of students' knowledge about the tourism destinations of Pakistan
2. Provision of information about tourists' circuits in Pakistan.
3. The existence facilities at natural and cultural sites, and the required amenities.
4. Future opportunities for developing different kinds of conventional tourism.

Course Outcomes:

After the successful completion of the course the students will be able:

- To know about the tourism attractions of Pakistan.
- The level of facilities required at international standards.
- To develop various types of tourism activities according to the natural and cultural resource available in Pakistan.
- To apply principles of ethics, cultural sensitivity, and modern business practices.
- To demonstrate an ability to engage in collaborative actions.

Course Contents:**WEEK 1-3:****Module-1 Tourism in General:**

History and development of tourism in Pakistan. Tourism at Glance, Types of resources, Classification of resources, National and provincial tourism bodies, Tourist paths, Tourism circuits, Tourist facilities and services.

WEEK 4-6:**Module-2 Natural Resources:**

Natural Tourism resources in Pakistan- Tourist pattern and potential with relation to varied landforms (mountains, deserts, beaches, & islands), water bodies and biotic wealth (flora-fauna). Popular tourist destination for land based, water based and air-based tourist activities.

National Parks and Natural Reserves in Pakistan.

WEEK 7-10:**Module-3 Cultural Heritage Resources:**

Muslim, Buddhist, Sikh, Hindu, Socio cultural resources - Important fairs and festivals Manmade resources: Adventure sports – museums, zoo, theatres, Commercial attractions - Amusement Parks – Gaming - Shopping - Live Entertainments - Supplementary accommodation. Gastronomic tourism.

WEEK 11-12:**Module-4 Neo tourism:**

Emerging Tourism Destinations: Ecotourism - Camping Tourism - Medical Tourism - MICE Tourism - Pilgrimage Tourism, CEPEC and benefits to Tourism Industry

WEEK 13-14:**Module-5 Popular Tourist destinations:**

Hill Stations: Murree, Ziarat, Naran, Kaghan, Galliyat, Study of Hill Station attractions and their environment, Case studies of Swat valley, Hunza valley and Galliyat.

WEEK 15-16:**Module-7 Practical/Visits:**

Visits to tourist destinations and preparation of visit report

Recommended Books/Readings:

1. Tahir Jahangir, A Travel Companion to the Northern Areas of Pakistan (Karachi, Oxford University Press, 2004).
2. Mock Johan (2002) Trekking in the Karakoram & Hindukush, only Planetwalking guide, 2nd Edition.
3. Siddiqui, Z (1988) Tourism marketing: Pakistan in UK's context.

4. Pakistan Guide by Isobell sha.
5. Pakistan from mountain to sea
6. Yearly Publication of Tourism.
7. www.tourism.gov.pk
8. www.unwto.org.pk
9. www.wttc.org

SEMESTER-III

Course Code	Course Title	Credit Hrs.
ENG-201	Compulsory VII: English III (Technical Writing and Presentation Skills)	3(3+0)
TH-202	Foundation III: Sustainable Tourism	3(3+0)
SOC-203	General V: Introduction to Sociology	3(3+0)
MGT-204	General VI: Organizational and Consumer Behavior	3(3+0)
TH-205	Foundation IV: Cultural Tourism	3(3+0)
Total Credit hours		15

ENG-201	English III (Technical Writing and Presentation Skills)	Cr. Hr. 03
----------------	--	-------------------

WEEK 1-8:

Module -1:

- Grammar review
- Vocabulary Development
- Pronunciation
- Drills
- The psychology of effective communication
- Principle of communication psychology

WEEK 9-16:

Module- 2

- Presentation
- Report writing
- The need for business report
- Informational report
- Analytical reports

- Writing headings and sub-headings
- Using visual aid
- Proof reading
- Presentations

Recommended Books/Readings:

1. Bov'ee D. Philips: Business Communication today
2. Stewart, Zimiber & Clark: Business English & Communication
3. Himstreet & Batty: Business Communication
4. Kity O Locker: Business & Administrative communication

TH-202	Sustainable Tourism	Cr. Hr. 03
---------------	----------------------------	-------------------

Course Introduction & Objectives:

This course introduces the concepts and principles associated with sustainable tourism development, emphasizing on their implications for management and planning purposes. Topics to be addressed include concept, justification, and evolution of sustainable development; socio-cultural, economic, and environmental dimensions of sustainable tourism; positive and negative impacts of tourism development; and principles conducive to sustainable tourism planning and community development. Given that each case of tourism development is unique, examples from the U.S. and around the world will be used to examine and discuss issues and practices of sustainable tourism development within different geo-cultural contexts. This course adopts the Problem-Based Learning format, which promotes and enhances students' analytical skills, problem solving skill and team working skills.

Course Outcomes:

After Completion of this course the students will be able to understand the philosophy, scope and principles of sustainable development, differentiate sustainable versus non-sustainable practices in tourism developments along with identifying challenges, weaknesses, and strengths of sustainable tourism within different geo-cultural contexts. It will enable them to recognize socio-cultural, environmental, and economic impacts of tourism at the individual, community, and greater society levels identify strategies to mitigate negative impacts and enhance positive impacts of tourism within a holistic approach. They will be able to evaluate and monitor indicators of community development recognize different types of niche tourism activities (e.g., volunteer tourism; Agri-tourism) with the capacity to foster sustainable community development and improve student's analytical and critical thinking as well as their communications skills.

Course Contents:

WEEK 1-2:

Module-1:**An Overview of Sustainability and Development****WEEK 3-4:****Module-2:****Introduction to Sustainable Tourism**

Historical Background, sustainable tourism: concepts and objectives, Key Issues in Sustainable Tourism, critique of Current thinking in Sustainable Tourism.

WEEK 5-6:**Module-3:****Dimensions of Sustainable Tourism**

Sustainable Tourism Management: The Socio-cultural Dimension, The Environmental Dimension, The Economic Dimension, Major Indicators of Sustainable Tourism

WEEK 7-8:**Module-4:****Strategies for Sustainability:**

Selected strategies for achieving sustainability, feasibility studies, project formulation, getting the framework right: policy and planning, organizing for sustainability: institutional issues.

WEEK 9-10:**Module-5:****The Key Actors in Sustainable Tourism:**

The Public Actors, the Industry (tour operators/hoteliers), the Voluntary Sector, the Host Community, the Media, the Tourist, the NGOs/INGs.

WEEK 11-12:**Module-6:****Sustainable Tourism in Different Geographical Locations:**

Coastal Areas and the Sea, Rural Areas, Urban Areas, Mountainous Regions, Islands, Wetlands, Deserts

WEEK 13-14:**Module-7:****Sustainable Tourism & Cultural Heritage:**

Culture & its preservation, culture as a tourism attraction, the impacts of tourism, Eco-tourism and parallels to cultural heritage tourism, industry responses to sustainable tourism, the realities of industry structure, role for development cooperation programs.

WEEK 15-16:

Module-8:

Global Sustainable Tourism Criteria:

Sustainability and Tourism Policies, Tourism and Sustainable Development Goals (SGDs).

Recommended Readings:

1. Sustainable Tourism Management by John Swarbrooke.
2. UNWTO and UNEP (2005) Making Tourism More Sustainable: A Guide for Policy Makers, UNWTO, Madrid and UNEP, Paris
3. UNWTO (2004) Indicators of Sustainable Development for Tourism Destinations – Guidebook, UNWTO, Madrid
4. World Tourism Organization, (2002). Guide for local authorities on developing sustainable tourism. Madrid: WTO.
5. Cooper, C., (1993). Tourism: Principle and Practices. Pitman Publishing: London.
6. Diaz Benavides, D., (2001). The sustainability of International Tourism in Developing countries. In UNLDC ed. Tourism in the Least Developed Countries. Geneva: UNLDC.
7. Dwyer, L., Forsyth, P., Rao, P., (2000). The price competitiveness of travel and tourism: a comparison of 19 destinations. Tourism Management, 21, 9-22.
8. Dwyer, L., Forsyth, P., Spurr, R., (2004). Evaluating tourism's economic effects: new and old approaches. Tourism Management, 25, 307-317.

TH-203	Introduction to Sociology	Cr. Hr. 03
---------------	----------------------------------	-------------------

Course Introduction & Objectives:

This course introduces students to the basic concepts and methods of sociology. Students will see the connection between the individual and society plus connections among key sociological

concepts such as culture, socialization, norms, race, gender, and social class, to understand how social forces shape our behaviour. This course encourages students to recognize that diverse opinions exist in a pluralistic society. This course pays special attention to classical social theories of Durkheim, Marx, and Weber. Twentieth-century perspectives such as symbolic interaction, conflict theory, structural functionalism and feminist theories are also considered.

Course Outcomes:

- Students can explain how deviance and conformity are socially constructed and distinguish what is, or is not, deviance depending on specific time frames, cultures, locations, historical periods, and reference groups.
- Students understand the basic historical data, sociological processes and concepts, and contemporary issues concerning the social construction of race, ethnicity, gender, social status, economic class, and learn how these change over time.
- Students can connect specific historical and contemporary demographic data to specific social institutions, explain the major sociological concepts and theories associated with the various institutions, determine the sociological impact on individuals and groups within the various institutions, and relate those institutions to specific types of societies.
- Students will be able to demonstrate an understanding of cross-cultural differences and an understanding of the importance of cultural context. Students will be familiar with the concepts of culture and its components (e.g., norms, values) and to identify and understand differences and commonalities within diverse cultures.

WEEK 1-3:

Module- 1: Understanding Sociology:

- Sociology: Definition, nature, and scope
- Sociology as a Science
- Society and community, kind of community
- Characteristics of community, differentiate between society and community.
- Major Theoretical Perspectives

WEEK 4-6:

Module – 2: Sociological Approach to Tourism:

- Sociological factor in Tourist motivation, Attitude and Perception
- Social dimension of host – tourist relationship
- Socio-economic and socio-cultural impacts of tourism

WEEK 7-8:**Module – 3: Tourism System and the Individual:**

- Socialization through interaction and exchange of values, norms, social laws, and usages
- Factors influencing individual's role, behavior, attitudes, and experiences at the destination.

WEEK 9-10:**Module-4****Culture and Society:**

- Definition and Significance of Culture, characteristics of culture
- Social role and social status, types of Culture role and status, cultural lag, ethnocentrism.
- Group and Social Role and Socialization
- Relationship between culture and social structure

WEEK 11-12:**Module- 5 Social Group and Social Stratification:**

- Definition of social group, types of social group.
- Definition and ties of social class
- Social mobility, its agents and ties.

WEEK 13-14:**Module – 6: Tourism and Social Institutions:**

- Social institutions and their roles
- Factors influencing the roles and status of social institutions.
- Influence of tourism on social institutions

WEEK 15-16:**Module – 7: Tourism and Social Change:**

- Social Change: Definition and theories of social change
- Factors affecting social change.
- Tourism as an instrument of social change

Recommended Books/Readings:

1. Apostolopoulos, Y., Leivadi, S & Yiannakis, A., (eds.) 2000, The Sociology of Tourism: Theoretical and Empirical Investigations, Routledge, London, and New York.
2. Vidya Bhushan and Sachdeva, D.R., 1992. An Introduction to Sociology, Kitab Mahal, Allahabad.
3. Srinivas, M.N. 1987. Social Change in Modern India, Orient

- Longman, New Delhi.
4. Veena das (Ed.), 2006. Handbook of Indian Sociology, Oxford University Press, New Delhi.
 5. Lan Robertson, Sociology (1977), seventh printing July (1980), Worth Publishers, Inc., 444 Park Avenue South New York, New York 10016
 6. Paul B. Horton and Chester L. Hunt, (1984) Sixth edition international Student Edition, McGraw-Hill International Book Company, Singapore.
 7. Robert Bierstedt, The Social Order (1970), International Student edition, McGraw-Hill Kogakusha, LTD, Tokyo,
 8. Donald Light, Jr. And Suyzanne Killer, Sociology (1985) Fourth Edition, Alfred A. Knopf, New York.
 9. Kendall, Diana: Sociology in our Times. Wadsworth
 10. Henslin, James M. Sociology. Allyn & Baco
 11. Brgjar, George J. & Soroka, Michael P. Sociology. Allyn & Baco
 12. Kendall, Diana: Sociology in our Times. Wadsworth
 13. Henslin, James M. Sociology. Allyn & Bacon
 14. Brgjar, George J. & Soroka, Michael P. Sociology. Allyn & Baco.

MGT-204	Organizational and Consumer Behavior	Cr. Hr. 03
----------------	---	-------------------

COURSE INTRODUCTION & OBJECTIVES:

This course deals with human behaviour in organizations. Conceptual frameworks, case discussions, and skill-oriented activities are applied to course topics which include motivation, learning and development, group dynamics, leadership, communication, power and influence, change, diversity, organizational design, and culture. Class sessions and assignments are intended to help participants acquire skills and analytic concepts to improve organizational relationships and effectiveness.

Course Objectives:

- To gain a solid understanding of human behavior in the workplace from an individual, group, and organizational perspective.
- To obtain frameworks and tools to effectively analyze and approach various organizational situations.
- To integrate course materials with your own workplace experiences.
- To reflect upon student own beliefs, assumptions, and

behaviors with respect to how individuals, groups, and organizations act in order to expand your options of approaches and increase your own effectiveness.

Course Contents:

WEEK 1-3:

Module I: Organizational Behavior: An Introduction:

- The Nature and Study of Organizations
- Work in the 21st Century: The Changing World of People and Organizations
- Research Methods in OB

WEEK 4-6:

Module II: Basic Human Processes:

- Perception and Learning
- Individual Differences: Personality and Abilities

WEEK 7-8:

Module III: The Individual in the Organization:

- Motivation
- Work-Related Attitudes
- Career Development and Work Stress

WEEK 9-10:

Module IV: Group Process:

- Group Dynamics and Teamwork
- Interpersonal Communication
- Decision Making in Organizations
- Cooperation and Conflict in Organizations
- Workplace Violence and Aggression

WEEK 11-13:

Module V: Influencing Others:

- Influence, Power, and Politics
- Leadership: Its Nature and Impact in Organizations

WEEK 14-16:

Module VI: Organizational Processes:

- The Work Environment: Culture and Technology
- Organizational Change and Development

Recommended Books:

1. Organizational Behavior by Arnold Robbins and Timothy A. Judge
2. Essentials of Organizational Behavior by Stephen Robbins
3. Leading Change: An Action Plan from the World's Foremost Expert by John Kotter
4. Managing Organizational Behavior by Ronald R Sims
5. Essentials of Organizational Behavior by Laurie J. Mullins
6. Reframing Organizations: Artistry, Choice, and Leadership by Lee G. Bolman and Terrence E. Deal.

TH-205	Cultural Tourism	Cr. Hr. 03
---------------	-------------------------	-------------------

Course Introduction & Objectives:

The course investigates the relationship between culture, heritage, and tourism, by examining the socio-cultural complexities of cultural heritage tourism. Heritage tourism defines the modern market-centred approach to historic preservation. Issues and trends in the management of tangible and intangible assets, such as interpretation, globalization, cross-cultural values, impacts of development, sustainable tourism, etc. are also investigated. Focus will be placed on war heritage, UNESCO world heritage sites in Pakistan, the role of cultural and creative industries in tourism.

Course Outcome:

After studied the course students will be able to:

- Acquire knowledge and demonstrate an understanding of the relationship between culture and tourism, concepts, and theories of cultural tourism.
- How cultural tourism affects and is affected by stakeholders.
- The relationship between cultural tourism and debates about contemporary issues.
- Analyze how heritage tourism works in Pakistan.
- Learn to perform under constraints and demonstrate an ability to work in a group through collaboration and cooperation.
- Demonstrate an ability to apply knowledge, collect data, extract and synthesize information, and present research findings and solutions.
- Demonstrate an ability to work independently and verbally present and/or write scholarly papers, to express opinions and arguments with respect to contemporary cultural tourism issues and trends.

WEEK 1-3:**Module 1: Introduction:**

- Meanings of Culture, Society, Civilization
- Definition of Cultural Tourism
- Cultural Diversity
- Impacts of Tourism on Culture
- Living cultural Heritage, Archaeological Heritage
- International Cultural Tourism Charter

WEEK 4-6:**Module II: Cultural Tourism Resources:**

- The Land
- Climate
- Economy
- Language and literature
- Socio-Religious groups
- Customs & Traditions

WEEK 7-10:**Module III: Attractions of Cultural Tourism in Pakistan:**

- Tangible & Intangible Culture
- Archaeological sites
- Museums
- Architecture
- Fairs & Festivals
- Arts & Crafts
- Rural & Urban Tourism
- Religious/spiritual
- Folklores
- Performing Art (Music, Drama, and dance)
- Traditional Sports
- Food & Gastronomy
- Events and exhibitions

WEEK 11-13:**Module IV: Cultural Tourism Issues & Challenges:**

- Endangered Cultures & Traditions
- Globalization
- Terrorism
- Poverty
- Awareness, Education and Trainings

- Authentic data & ownership
- Preservation & Conservation
- Management & Marketing
- Research and Planning

WEEK 14-16:

Module V: Cultural Tourism Planning & Operations:

Understanding heritage tourism in relation to World Heritage Sites, urban and rural environments, specific sites, buildings and institutions, heritage tourism tours, understanding impacts from tourism, and, balancing conservation, community needs and access.

- Cultural Policy of Pakistan
- Tourism Policy of Pakistan
- (Review- Case Study) and Assignments

RECOMMENDED READINGS:

1. Folk Heritage of Pakistan (Complete sets) 1975-77
 2. Directory of cultural intuitions in Pakistan by Saboohi Niazi 1980.
 3. Heritage management, interpretation, identity by Peter Howard
 4. The Heritage Reader by Graham Fairclough
 5. Heritage Studies: Methods and approaches by Marie Louise Stig
 6. Uses of Heritage by Laurajane smith
 7. Cultural tourism: The Partnership between tourism and cultural heritage management by Bob Mckercher and Hilary du cros
 8. Intangible heritage (Key Issues in Cultural Heritage) by Laurajane smith
- Cultural heritage and human rights by helaine siluerman

SEMESTER-IV

Course Code	Course Title	Credit Hrs.
ENG-251	Compulsory VIII: English IV/Univ. Optional*	3(3+0)
CS-252	Compulsory IX: Introduction to Computer	3(3+0)
TH-253	Foundation V: Hospitality Operations	3(3+0)
JMC-254	General VII: Public Relations	3(3+0)
TH-255	Foundation VI: : House Keeping Operation and Management	3(3+0)
Total Credit hours		15

ENG-251	English IV	Cr. Hr. 03
----------------	-------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

This course is designed to give students a comprehensive view of communication, its scope and importance in day-to-day life, and the role of communication in establishing a favourable outside the firm environment, as well as an effective internal communications program. The various types of communication media are covered. This course also develops an awareness of the importance of succinct written expression to modern communication.

Objectives of the course are to:

- Demonstrate the use of basic and advanced proper writing techniques that today's technology demands, including anticipating audience reaction.
- Write effective and concise letters and memos.
- Prepare informal and formal reports.
- Proofread and edit copies of business correspondence.
- Use career skills that are needed to succeed, such as using ethical tools, working collaboratively, observing business etiquette, and resolving workplace conflicts.
- Plan successfully for and participate in meetings and conduct proper techniques in telephone usage.
- Use e-mail effectively and efficiently.
- Develop interpersonal skills that contribute to effective and satisfying personal, social and professional relationships, and Utilize electronic presentation software.

COURSE OUTCOMES:

- Upon successful completion of this course, the student should be able to:
- Apply business communication strategies and principles to prepare effective communication for domestic and international business situations.
- Identify ethical, legal, cultural, and global issues affecting business communication.
- Utilize analytical and problem-solving skills appropriate to business communication.
- Participate in team activities that lead to the development of collaborative work skills.
- Select appropriate organizational formats and channels used in developing and presenting business messages.
- Compose and revise accurate business documents using computer technology.
- Communicate via electronic mail, Internet, and other technologies.

- Deliver an effective oral business presentation.

WEEK 1-4:

Module – 1 Effective Business Communication:

What new communication, Importance of communication, Communication Model, Barriers in communication, Rules to overcome Barriers in communication, Old vs. New style in communication, Talk Tactics.

WEEK 5-6:

Module – 2 The Seven C's:

Completeness, Conciseness, Consideration, Concreteness, Clarity, Courtesy, Correctness.

WEEK 7-8:

Module – 3 The process of preparing an Effective Business Message:

Five Planning steps, Basic organization plans, Composing the Message.

WEEK 9-12:

Module – 4 Parts and Types of Business Message:

Standard & Optional parts, Letter layout, Good News, Bad News, Neutral and Persuasive Messages

WEEK 13-16:

Module – 5 Strategies for Successful Speaking and Successful Listening:

Strategies for improving Oral Presentations, Strategies for reducing Stage Fright, Strategies for improving Listening Skills

RECOMMENDED BOOKS/READINGS:

1. Effective Business Communications by HERTA A. MURPHY
2. Business Communication: Process and Product by Mary Ellen Guffey
3. The Sketch note Handbook: The Illustrated Guide to Visual Note Taking by Mike Rohde
4. Pitch anything: an innovative method for presenting, persuading and by Oren Klaff
5. Essentials of Business Communication by Mary Ellen Guffey

CS-252	Introduction to Computer	Cr. Hr. 03
---------------	---------------------------------	-------------------

This course is designed to familiarize students with computers and their applications. It will also emphasize the use of computers and technology throughout their high school, college, and future careers. Students will learn fundamental concepts of computer hardware and software and become familiar

with a variety of computer applications, including word processing, spreadsheets, databases, and multimedia presentations. Students will also investigate Internet-based applications, working with email and learning how to browse the web. Coursework also includes activities that explore social and ethical issues related to computers.

COURSE OUTCOMES:

- Upon completion of this course, students will:
- Be able to identify computer hardware and peripheral devices.
- Be familiar with software applications.
- Understand file management.
- Accomplish creating basic documents, worksheets, presentations, and databases.
- Distinguish the advantages and disadvantages of networks.
- Experience working with email and recognize email netiquette.
- Explore the Web and how to conduct research.
- Identify computer risks and safety.

WEEK 1-2:

Module-1 Introduction to computer:

Definition, types and classification of computers, Hardware, Input hardware, storage hardware; processing hardware, Output hardware, Software, application software, system software, software packages, Different types of Microprocessors & other Hardware Terminology

WEEK 3-6:

Module-2 Use and Applications:

Application & the uses of Information Technology in the Hospitality Industry
Examples of use of Computers in Front/Outlets etc, Introduction to different Computer Related terms/concepts, Introduction to different kinds of OS used in case of standalone PC/Network, Single user/multiuser OS(DOS/UNIX), Windows. File Handling Concepts under DOS/WINDOW, Concept of Computer File & its storage, Ways of maintaining Files under DOS/Windows,

WEEK 7-8:

Module-3 The Application of Microsoft Office:

Overall windows operation, Introduction to different windows-based packages, Utilities / Application of MS-Word, Application of MS- Excel

WEEK 9-10:

Module-4 Useful Program:

- Adobe Photoshop. Editing photographs/Advertisement designing.
- Coral Draw. Layout and drawing.
- Macromedia Flash. Animation making/Drawing cartoons for newspapers and magazines. Graphics.

- use of scanners.

WEEK 11-12:

Module-5 Introduction to Internet:

Internet, e-mail; local area network, wide area network, configurations

WEEK 13-14:

Module-6 Computer Application (practical):

- Familiarize with a PC and identify the various components of computer.
- Identify the various Input and Output Devices.
- Introduction to Basic DOS commands.

Introduction to Windows as an Operating System

- Getting familiar to Windows Environment.
- Introduction to the various packages of MS-Office.
- Introduction to the Word Processor.
- MS-Word: Entering a document, Editing a Text. Inserting, replacing and deleting
- Characters. Saving a document. Opening an Existing Document and changing Page Layout.
- Utilities / Application of MS-Word
- Application of MS- Excel

WEEK 15-16:

Module-7 Advance applications for Tourism & Hospitality:

Property management system interfaces

- Point of sale systems (pos)
- Cash accounting systems (cas), guest information systems

Food & beverage management applications
 ▪ Recipe management / sales analysis
 Food and beverage applications

- Pos order – entry units
 - Key boards and monitors, touch screen terminals
- Pos software

Accounts applications

- Accounts receivable module
- Payroll module inventory module

Recommended Books/Readings:

2. Richard G, 2000, “Computer Simulate with Mathematics” and Springer-Verlag. Germany.
3. Long L, Long N, 2000. Fundamentals of Computer, 6th ed.
4. Courter G, Marquis A, 1999, Microsoft Office 2000, BPB Publications.

TH-253	Hospitality Operations	Cr. Hr. 03
---------------	-------------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

This introductory course provides an overview of the hospitality and tourism industry, its growth and development, industry segments and their distinguishing characteristics, trends and current concerns. Students are introduced to career opportunities and the employability skills needed to succeed in specific hospitality fields.

The Objectives of the course are:

- Discuss and analyze the key factors responsible for the growth and development of hospitality and tourism.
- Describe the current trends and challenges faced by the hospitality and tourism industry, in the context of global economic, environmental, health and other social concerns.
- Discuss hotel classifications and describe the different types of hotel ownership and development, i.e. franchising and management contracts.
- Identify possible career paths for hospitality graduates with emphasis on the vast opportunities open to those who possess the knowledge, skills and personal qualities expected of potential industry leaders.
- Discuss the importance of effective leadership and management, and the characteristics of effective leaders in the hospitality industry.

COURSE OUTCOMES:

After completion of the course students will be expected to be able to:

- Describe the role of the housekeeping department in hotel operations, and explain the importance of effective communication between housekeeping, the front office and the engineering and maintenance division.
- Identify typical cleaning responsibilities of the housekeeping department, and explain how area inventory lists, frequency schedules, performance standards and productivity standards are used to plan and organize the housekeeping department.

- Apply techniques to develop and improve human resource skills in recruiting, selecting, hiring and orienting. Techniques addressed include identifying sources of labor from nontraditional labor markets, implementing internal and external recruiting methods, minimizing employee turnover, enhancing interviewing skills, and orienting new employees to the housekeeping department.
- Apply techniques to develop and improve human resource skills in areas of training, scheduling, motivating, and disciplining. Techniques addressed include implementing the four-step training method, developing a staffing guide, adopting alternative scheduling methods, motivating the housekeeping staff, and administering a formal disciplinary action program.

Course Contents:

WEEK 1-2:

Module -1:

Lodging- yesterday and today: ancient history, Middle Ages, colonial period, nineteenth century and twentieth century. The industry today, Organization design, Types of travellers.

WEEK 3-4:

Module -2:

Forces affecting growth and change in the hospitality industry: Managing change, demand, diversity and culture change, supply and its produce, workforce diversity, the impact of labor scarcity.

WEEK 5-6:

Module -3:

Food Service: The varied field of food service, the restaurant business, the dining market and the eating market, contemporary popular priced restaurants restaurant operations, making a profit in food service operations, keeping the score in operations. Best practices in food and beverage management. Contemporary hotel catering.

WEEK 7-8:

Module -4:

Competitive Forces in Food Service: Competitive conditions in food service, marketing mix, competition with other industries, self-operated facilities, business and industry food service, vending. Consumer concerns, Food service and the environment.

WEEK 9-10:**Module -5:**

Operations; Rooms: The room side of the house, front office operations, Job at the front office, yield management, room rate structure, the property management system, guest accounting, reservation and forecasting, guest service.

WEEK 11-12:**Module -6:**

Operations; Housekeeping, Engineering and Security: Housekeeping organization and operations, co-ordination with other departments, the hotel engineering functions/duties, engineering personnel, Duties of security department and personnel.

WEEK 13-14:**Module -7:**

Marketing and associated activities: Building market leadership, consumer decision rules and implication of hotel choice, hotel pricing, Hotel sales organization and operations, public relations. Marketing research

WEEK 15-16:**Module-8:**

Financial control and information management: Budgeting and forecasting, the economics of the hotel business, dimensions of the hotel investment decision. The hotel purchasing function, Data mining for hotel firms, Cash management and cost control.

Recommended Books:

1. Michael J. O'Fallon, Denney G. Rutherford (2010) Hotel Management and Operations 5th edition. John Wiley & Sons.
2. Jack D. Ninemeier and David K. Hayes (2006) Hotel Operations Management 2nd edition Persons.
3. John R. Walker (2004) *Introduction to Hospitality Management 3rd Edition*. Pearson.
4. Suzanne Weissinger (2000) *Hotel and Motel Operations 2nd edition*. Delmar-Thomson Learning.
5. John Cousins, David Foskett, and Caillein Gillespie (2006), *Food and beverage Management 2nd edition*. Person.
6. YU, L. (1999) *the Hospitality Business: Management and Operations*. TheHaworth Hospitality Press.

JMC-254	Public Relations	Cr. Hr. 03
----------------	-------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

This is an introductory course of Public Relations regarding the theory, history, practice, and future of public relations. The course provides you a comprehensive view of the field by introducing you:

COURSE OBJECTIVES:

Students will be able to:

- Explain public relations as an ethical practice, a planned process, a managerial concept, and a behavioral science.
- Outline the history of public relations.
- Recognize key professionals in shaping public relations.
- Apply public relations models and communication theories.
- Identify key publics involved in public relations.
- Explain key issues in handling different key publics.
- Evaluate PR writing, integrated marketing communications, and crisis management tactics.
- Assess diverse situations and apply the appropriate public relations strategies and tactics to address these situations.

COURSE OUTCOMES:

- Communicate effectively with their audiences, and repair public relations and marketing communications messages in the appropriate style.
- Apply appropriate technology to the creation and dissemination of messages.
- Plan, initiate and complete a specific Public Relations/Marketing Communications Campaign.
- Be aware of the ethics of the profession and the Code of Ethics of the Public Relations

COURSE CONTENTS:

WEEK 1-4:

Module –I:

Definitions and overview of public relations - As a managerial concept - As a behavioral science.

WEEK 5-8:

Module –II:

History of the field, from ancient beginning to modern times - Important people, leaders in the field - Societal factors impacting growth.

WEEK 9-12:**Module –III:**

Public relations problem-solving and planning “process” - RACE, ROPE, other programming models - Role of research in public relations programs.

WEEK 13-16:**Module –IV:**

Public relations communication theory - SEMDR, other communications models

- Concept of two-way communication. The public of public relations - Overview of most crucial publics, including community, employees, consumers, government, news media.

RECOMMENDED BOOKS:

1. The Practice of Public Relations (12th Edition) by Fraser P. Seitel
2. Crystallizing Public Opinion by Edward Bernays
3. The Tipping Point: How Little Things Can Make a Big Difference by Malcolm Gladwell.

TH-255	House Keeping Operation and Management	Cr. Hr. 03
---------------	---	-------------------

COURSE INTRODUCTION & OBJECTIVES:

To give the students practical knowledge and supervisory duties of day-to-day procedures of housekeeping department. Acquaintance of different types of equipment and their uses. Cleaning of windows, floors and bathrooms, Bed making. Polishing of different types of articles. Cleaning and polishing of metals, brass, silver, copper. Cleaning of public areas. Overall cleaning of various types of rooms and bathrooms. Use of various machines used by the house keeping department. First Aid Procedures as dealt in theory The objectives of this course are to help students understand, organize, and effectively perform the operations of the rooms division of a hotel. The course's overall objective is to prepare the student for the management career in the hospitality field.

COURSE OUTCOMES:

Through the study to be carried out with the use of visual aids and onsite visits, the student will become capable to:

- Be a successful seller of rooms and other services of the hotel.
- Understand the reservations, check-in, and check-out procedures.
- Collaborate with his/her colleagues, as well as with the other departments of the hotel.
- Offer high level services and contribute to the hotel's security.
- Plan, organize and control the room division's operations.

WEEK 1-2:**Module-1 Introduction:**

The Housekeeper and the organization of the department, housekeeping terminologies, Routine methods of work, Housekeeping Department-Hierarchy, Duties & responsibilities of housekeeping staff, attributes of housekeeping employees, Planning, and organizing the duties. Islam and Housekeeping, Types of Rooms & suites, Various status of Rooms, Amenities provided in standard, superior & deluxe rooms, facilities, supplies and amenities, Items provided on request.

WEEK 3-4:**Module-2 Hotel Housekeeping in Hotels:**

Importance and Functions, Liaison with other departments, Types of Rooms- Classification, Room supplies, Related documentation procedures. Hotel facilities and services, leisure link facilities in hotel. Star rating standards and housekeeping.

WEEK 5-6:**Module-3 Cleaning Procedures:**

Cleaning agents. Equipment's classification, Principles of Cleaning, Selection of Cleaning material, Types of cleaning and cleaning procedures. Cleaning Schedules, Daily, weekly & Spring Cleaning, Morning & evening service, second service, Daily cleaning in a Department Room Planning a weekly cleaning schedule, public area cleaning methods & Schedules Cleaning public area-cleaning methods-cleaning agents-cleaning equipment's and standards- pests, pest control and waste disposal-laundry, dry cleaning and stain removal contract cleaning, green housekeeping.

WEEK 7-8:**Module-4 Room Preparation:**

Bed Making-Types of service, Laundry-Type & Machines used, key and key control, Pest control, Linen room-classification & layout.

WEEK 9-10:**Module-5 Furnishing & Budgeting:**

Different types of floors and wall covering, Carpet, curtain types, cushions, blankets, Furniture used in room, Interior décor. Room Interiors-Ceramics, Glass, Metals and Sanitary- Textile and Floral arts- Interior decoration- Lighting, Heating, Ventilation and Flowers. Budgeting and expenditures, control and practice, material classification and housekeeping inventory.

WEEK 11-12:**Module- 6 Laundry and linen room management:**

laundry, Efficacy of On-Premises Laundry Operations, Planning and Pre-Engineering, Floor Plan Layout and Size, Major Equipment Requirements,

material, chemicals and equipment, Staffing, washing cycles, dry cleaning, Linen, classification of hotel linen, Linen room, requirements of linen room, organizing activities of linen room.

WEEK 13-14:

Module-7 Health and safety Management:

Health and safety Management, health, safety and security risks for guest, Prevention of fire and First aid. PEST challenges in hotel, Key and lock management, lost and found management.

WEEK 15-16:

Module-8 Demonstrate and Practice:

Practical work will be conducted in the in-house labs and the student will be given exposure to the industry.

- Basic steps and skills required for setting up trolleys and floors pantry Know forms.
- Registration and records maintenance, Supervisory work.
- Cleaning of rooms and bathrooms during departure, stay-on and others with emphasis on key tasks and correct sequence.
- Practice bed making, care-upkeep of carpets, dusting-wiping-cleaning of surfaces.
- Learn skills for polishing floors, metal, wood, and other surfaces.

Recommended Readings:

2. Branson, Lennox; Hotel, Hostel and Hospital Housekeeping Holder & Stoughton
3. Accommodation Operation Bharathiar University, Coimbatore India.
4. Housekeeping Management in Hotels Anita Banerjee. BK Chakravarti,
5. Alam, M., Housekeeping Manual, DT&H Hazara University, 2016.
6. Hotel House Keeping a Training Manual by Sudhir Andrews, Tata McGraw Hill publishing company limited New Delhi.
7. Hotel Housekeeping Operations & Management by Raghubalan, Oxford University Press.
8. House Keeping Management by Matt A. Casado; Wiley Publications
9. Professional Management of Housekeeping Operations (II Edn.) by Robert J. Martin & Thomas J.A. Jones, Wiley Publications the Professional Housekeeper by Tucker Schneider, Wiley Publications
10. Professional Management of Housekeeping Operations by Thomas J. A. Jones publisher- John Wiley & Sons inc.
11. Managing Housekeeping Operations by Margart M. Kappa, CHHE, American Hotel & Lodging Associations.

SEMESTER-V

FIFTH SEMESTER		
Course Code	Course Title	Credit Hrs.
TH-301	Foundation VII: Tourism Management	3(3+0)
TH-302	Foundation VIII: Tourism and Hospitality Laws	3(3+0)
TH-303	Major I: Front Office Operations and Management	3(3+0)
TH-304	Major II: Tourism: Concepts and Principles	3(3+0)
TH-305	Major III: Tourism Marketing	3(3+0)
TH-306	Major IV: Heritage Management	3(3+0)
Total Credit hours		18

TH-301	Tourism Management	Cr. Hr. 03
---------------	---------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

This subject will provide students with an overview of the tourism industry to include its size, scope, importance and impacts by focusing on the dynamic nature of its main operational sectors and the career opportunities within each of them. It will also provide a general understanding of the knowledge and associated skills required to work in this exciting and dynamic industry.

This course provides students with the fundamental knowledge concerning human resources management, destination planning, policy, environment, and prospects in the tourism industry. The subject will expose students to managerial approaches that are pertinent in a business enterprise. Business challenges and several management issues are also covered for a student to acquire better understanding of managerial duties, skills, roles and decisions. Real life cases will also be discussed to give students a relatively comprehensive understanding of the tourism industry.

COURSE OUTCOMES:

- Define and appreciate the complexities relating to tourism studies, the tourist, and the tourism industry.
- Define what is considered as the tourism product and the relevance to tourism management.
- Describe the main sectors of the tourism industry including their interrelationships and importance.
- Apply business principles as well as basic accounting, budgeting, financial and administration skills to support the effective management and operation of a variety of organizations delivering tourism products and

services.

- Comply with relevant organization and workplace systems, processes, policies, standards, legal obligations, and regulations, and apply risk management principles, to support and maintain efficient, safe, secure, accessible, and healthy tourism operations.
- Use appropriate technologies to enhance the quality and delivery of tourism products, services, and customer experiences, to measure the effectiveness of tourism operations and to participate in tourism development.
- Keep current with tourism trends and issues, and interdependent relationships in the broader tourism industry* sectors to improve work performance and guide career development.
- Respond to issues and dilemmas arising in the delivery of tourism products, services, and customer experiences by using and promoting ethical behavior and best practices of corporate social responsibility and environmental sustainability.

COURSE CONTENTS:

WEEK 1-4:

Module1: Managing the Tourism System:

Introduction, the scope, scale and significance of tourism, Definitions, concepts, and structure of tourism Introduction: quality and the accommodation sector, the accommodation sector: overview and challenges, Tour operations management, Tour operating value chain, managing tourism distribution.

WEEK 5-8:

Module2: Managing Tourism Businesses:

Human resource management in tourism, The characteristics of tourism as a sector and their impact on the management of human resources, Skills shortages in tourism, Education and training in tourism, Flexibility, and innovation in the management of human resources, Recruitment, retention and turnover, Rewards, benefits and compensation, Strategy for tourism, Strategic analysis, Strategic choice, Strategic implementation, The law, and tourism.

WEEK 9-12:

Module3: Managing Tourism in Its Environment:

Managing urban tourism, introduction: urban tourism within tourism studies, Urban tourism: key themes and issues, Managing the countryside for tourism: a governance perspective, rural tourism, Tourism in the countryside: challenges, Tourism in the countryside: management responses, the governance of the countryside, Rural governance, and tourism: competing ideologies, The nature of tourism in development, Nature of the destination, Site and visitor management at natural attractions.

WEEK 13-16:**Module4: Contemporary Issues in Tourism Management:**

The role of government in the management of tourism, the public sector and tourism policies, the role of government in tourism, Information and communication technologies for tourism, Tourism and the environment, international tourism: the management of crisis, Ethics in tourism management, managing the heritage enterprise for loveable host communities.

RECOMMENDED BOOKS:

1. The Management of Tourism by Lesley Pender and Richard Sharpley
 2. The Business of Tourism Management by *John Beech and Simon Chadwick*.
- Tourism Management Dynamics Trends, management and tools by Dimitrios Buhalis and Carlos Costa

TH-302	Tourism and Hospitality Laws	Cr. Hr. 03
---------------	-------------------------------------	-------------------

COURSE INTRODUCTION & COURSE OBJECTIVES:

The key principles of law applicable to tourism, hospitality, and related industries, Pakistan tourism legislation on business organizations and several international law issues such as consumer protection, product and service liability, employment, and law of access to the natural environment.

- Understand the nature of law and the legal system of Pakistan.
- Understand the legal concept and principles of personality, contract law, the rules under the specific provisions of the Civil and Commercial Code concerning sale, hire of property, hire of work, hire of services and labor law, deposit and special rules for innkeeper, insurance.
- Set up and manage basic forms of business organizations.
- Understand the rules imposed by specific legislations concerning the operation of hotel, place of entertainment, travel agency and tourist guide business.

COURSE OUTCOMES:

After successful completion of this course, students will be able to:

- Demonstrate an understanding of the implications of the relevant legal principles for the business.
- Avail of the knowledge of the law to limit the legal exposure of the business.
- Describe the courts system and sources of law.
- Use the knowledge of the law of tort, employment and commercial law in business.

- Apply the knowledge of hospitality and tourism law in business.

WEEK 1-4:

Module – 1:

What constitutions, law and rules, who is responsible to create a law, who are responsible to endorse the law. What are basic rights?

WEEK 1-4:

Module – 2:

Debate the statement, “the customer is always right,” from a basic legal position. Distinguish between the sources of law. Differentiate between the 3 varieties of torts: negligence, trademark infringement, and fraud. Define the terms, “civil rights” and “discrimination” Explain the relationship between interstate commerce and civil rights. Describe what is meant by liability. Recognize the impact of laws on managers as pertaining to: establishing essential job function.

WEEK 5-6:

Module - 3:

Basic Legal Principles Governing Hospitality Operations - The Common Law Basis for Laws Governing the Hotelkeeper - The Hotelkeeper and the Law of Contracts.

WEEK 7-10:

Module – 4:

The Tourism & Hospitality related law in Pakistan under following headings.

- a. Hotel & Restaurant Act 1976 and rules 1978
- b. Tour Guiding Act 1978 and Rules
- c. Travel Agencies Act 1978 and Rules

WEEK 11-16:

Module – 5:

The other related law in Pakistan under following headings.

- a. Laws Dealing with Food Safety in Pakistan
- b. Health and Safety Acts
- c. Labor law.
- d. Antiquity Act.
- e. Liabilities for lost and theft.
- f. Wildlife.
- g. Forest Act.
- h. Taxation.
- i. Licensing and agreement law

RECOMMENDED READINGS:

1. Understanding hospitality Law, Jack. P. Jeffries and Banks Brown 4th Edition. Chips Books, Texas.
2. Hospitality and tourism law, M. Boustiv, J. Ross, N. Geddes, W. Stewart, International Thomson Business press 1999.
3. Principles of Hospitality Law, Mike Boella, Alan Pannett, 2nd edition, Cengage Learning Business Press.
4. Relevant Acts and Ordinances
5. Factories Act, Industrial Relations Ordinances, Payment of Wages Act

TH-303	Front Office Operations and Management	Cr. Hr. 03
---------------	---	-------------------

COURSE INTRODUCTION AND OBJECTIVES:

The essential knowledge and skills required for management in hiring front office employees and renting rooms within the hospitality industry, property management systems, reservations, yield management.

After successful completion of this course, students will be able to:

- Classify hotels in terms of their ownership, affiliation, and levels of service.
- Describe how hotels are organized and explain how functional areas within hotels are classified.
- Summarize front office operations during the four stages of the guest cycle.
- Discuss the sales dimension of the reservations process and identify the tools managers use to track and control reservations.
- Identify typical service requests that guests make at the front desk.
- Explain important issues in developing and managing a security program.
- Describe the process of creating and maintaining front office accounts.
- Identify functions and procedures related to the check-out and account settlement process.
- Summarize the steps in the front office audit process.
- Apply the ratios and formulas managers use to forecast room availability.
- Explain the concept of revenue management and discuss how managers can maximize revenue by using forecast information in capacity management, discount allocation, and duration control.

COURSE OUTCOMES:

The student will be able to:

- Identify the independent components of the lodging front desk/front office system.
- Identify and explain the impacts of the front desk/ front office on the overall lodging operation.

- Apply and explain skills necessary to seek employment in front desk/ frontoffice supervision and management.

Explain and perform the night audit function.

WEEK 1-2:

Module-1:

Hotel Past & Present and Classification:

Historical Perspective, Market Place Consistency, Lodging Management Association, Revenue Sources, Sleeping Rooms, Meeting Function Space, Outlets/Ancillary Revenue Sources, Profit Margin, Room Cost, Food Cost,

Opportunity Cost, Case Study, Hotel Sizes, Hotel Location Classification (Downtown, Resort, Airport, Suburban etc), Hotel product Types, Service Level, Target Market, hotel Rating (Star System), Case Study of Pearl Continental Hotels Pakistan.

WEEK 3-4:

Module-2:

Care for Customer and communication:

Hotel security, Health & safety, the concept of hospitality and service, the customer care triangle, care of the customer, roles, responsibilities and attributes of a receptionist, Communication, verbal communication, non-verbal communication, written communication, visual communication, telecommunication.

WEEK 5-6:

Module-3:

Reservations and check in:

Sources of reservation, modes of reservation, types of reservation, methods of reservation, close outs, yield management, overbooking, control of reservation, confirming reservation and status of reservation, revision and cancellations, Registration, Room status, the check in process, walk-in or chance booking, VIPCheck in, Group arrivals, Selling rooms- departure.

WEEK 7-8:

Module-4:

Room Rate Structure:

Rate Structure, Hubbart Formula, Cost Rate Formula, Market Tolerance, Room rate Designations, Rate Measurement Averages.

WEEK 9-10:

Module-5:

Guest Accounting and Methods of Payment:

Principles of hotel billing, Type of system, Machine billing, Property Management System, Control procedure, Night Audit, Cash Floats, Methods of Payment, Foreign Exchange, Petty cash and paid outs, rapid/speedy check outs.

WEEK 11-12:

Module-6:

Selling Techniques:

Reception as a sales department, Purpose of selling, ABC of selling, The hotel product, Selling methods

WEEK 13-14:

Module-7:

The Property Management System:

Selecting The PMS, Guest Account, Guest registration Menu, Guest Accounting Menu, The Check In, Before PMS, PMS Hierarchy, PMS System Interface, The Evolution to PMS.

Industry Perspective: Technology in Hospitality

WEEK 15:

Module-9:

Statistics and Reports:

Business Statistics, Key Room statistics, Occupancy reports, Guest Statistics, Operational reports, Forecasts, Financial reports.

WEEK 16:

Module-9:

Practical:

Perform/Work at Front office for not less than 15 days, Field visits.

RECOMMENDED BOOKS:

1. Peter Abbott and Sue Lewry (1999) Front Office 2nd Edition, ButterworthHeinemann.
2. Dix Colin and Baird Chris (1998) Front Office 4th Edition, Harlow Longman.

3. Sue Baker, Pam Bradley and Jeremy Huyton (2000) Principles of hotel front office operations 2nd Edition: London Cassell.
4. James A. Bardi, William Sullivan, Sheryl F. Kline (2006), Hotel front officemanagement 4th Edition. John Wiley & Sons
5. South Asia Tourism Secretariat (2007) Front Office, SATS.
6. Front Office Training manual – Sudhir Andrews. Publisher: Tata McGraw-Hill
7. Managing Front Office Operations – Kasavana & Brooks Educational Institution AHMA
8. Front Office – operations and management – Ahmed Ismail (ThomsonDelmar).
9. Managing Computers in Hospitality Industry – Michael Kasavana & Cahell.
10. Front Office Operations – Colin Dix & Chris Baird.
11. Front office Operation Management- S.K Bhatnagar, Publisher: Frank Brothers
12. Managing Front Office Operations by Kasavana & Brooks
13. Principles of Hotel Front Office Operations, Sue Baker & Jermy Huyton, Continuum
14. Check in Check out- Jerome Vallen
15. Hotel Front Office Management, 4th Edition by James Socrates Bardi; Wiley International.

TH-304	Tourism: Concepts and Principles	Cr. Hr. 03
---------------	---	-------------------

COURSE INTRODUCTION AND OBJECTIVES:

This course aims at identifying the student with the different types of concepts, their importance, strategies, and success stories (Case studies). It also aims at identifying students with the proper plans and critical analysis for best management and operations practices to achieve sustainable development.

COURSE OBJECTIVES:

- Explain the main concepts of tourism practices.
- Outline the principle historical changes that have occurred in tourism and its significant impact on current tourism practices.
- To apply a significant analytical, creative, and conceptual skills.
- Plan, Manage and implement the concepts in tourism practices.

COURSE OUTCOMES:

- Knowledge and understanding of tourism and hospitality with emphasis on its available resources (Natural and Cultural), infrastructure and superstructure.
- Management, marketing, and business skills
- Evaluate critically, from a strategic perspective.

- Communication skills
- Practical, innovative, demonstrative and employment related skills
- Integrate subject specific knowledge and transferable skills to develop a specialist in depth, conduct a research investigation, and effectively report the findings.
- Computer and Information Management Technology Skills

COURSE CONTENTS:

WEEK 1-4:

Module-1:

Introduction to Tourism, Definitions of Tourism, Concepts of Tourism: Cultural Tourism, Eco-Tourism, Community Based Tourism, Sustainable Tourism, Green Tourism, Pro-poor Tourism, Responsible Tourism, Public Private Partnership.

WEEK 5-6:

Module-2:

Cultural Tourism, Concept & Definition, Principles of Cultural Tourism, CaseStudy (Cultural Tourism)

WEEK 7-8:

Module-3:

Community Based Tourism, Concept & Definition, Principles of CommunityBased Tourism, Case Study (Community Based Tourism)

WEEK 9-10:

Module-4:

Eco-Tourism & Green Tourism, Concept & Definition, Principles of GreenTourism, Case Study (Eco & Green Tourism)

WEEK 11-12:

Module-5:

Pro-Poor Tourism, Concept & Definition, Principles of Eco-Tourism, CaseStudy (Pro-Poor Tourism)

WEEK 13-14:

Module-6:

Responsible Tourism, Concept & Definition, Principles of Responsible Tourism,Case Study (Responsible Tourism)

WEEK 15-16:**Module-7:**

Other concepts

RECOMMENDED BOOKS/READINGS:

1. Cooper, C. Fletcher, J. Gilbert, D. and Wanhill, S. (2002). *Tourism Principles and Practice*, Longman, UK
2. Dittmer, P. (1998). *Hospitality Industry*, Third Edition, Wiley and Sons.
3. Boniface, Brian G., and Chris Cooper. *Worldwide Destinations: The Geography of Travel and Tourism*, 3rd Edition.
4. Brownell, Judi. "Women in Hospitality Management: General Managers' Perception of Factors Related to Career Development." *International Journal of Hospitality Management*, Vol. 13, No. 2, pp. 101–118, June 1994.
5. Burkart, A. J., and S. Medlik. *Historical Development of Tourism*. Aix-en-Provence, France: Centre des Hautes Studies Touristiques, 1990.
6. Burns, Peter M., and Andrew Holden. *Tourism: A New Perspective*. New York: Prentice Hall, 1995.
7. Bennett, M. M. "Strategic Alliances in the World Airline Industry." *Progress in Tourism and Hospitality Research*, Vol. 3, No. 3, pp. 213–224, 1997.
8. Dwyer, Larry, and Peter Forsyth. "Economic Significance of Cruise Tourism." *Annals of Tourism Research*, Vol. 25, No. 2, pp. 393–415, April 1998.
9. Harris, Robert, and Joy Howard. *Dictionary of Travel, Tourism, and Hospitality*
10. Towner, John. "Approaches to Tourism History." *Annals of Tourism Research*, Vol. 15, No. 1, pp. 47–62, 1988.
11. Rice, Kate. "The Professional Prospects for Women in Travel." *Travel Counselor*, No. 29, pp. 20–22, October 28, 1996.
12. Witt, Stephen F., and Luiz Moutinho. *Tourism Marketing and Management Handbook*, 2nd Edition. New York: Prentice Hall, 1994.
13. World Tourism Organization. *Yearbook of Tourism Statistics*. Madrid: WTO, 2010.
14. Towner, John. "The Grand Tour: Sources and a Methodology for an Historical Study of Tourism." *Tourism Management*, Vol. 5, No. 3, pp. 215–222, September 1984.
15. WTTC/HRC. *Steps to Success: Global Good Practices in Travel and Tourism Human Resource Development*. Vancouver: World Travel and Tourism Council Human Resource Centre, 1998.

TH-305	Tourism Marketing	Cr. Hr. 03
---------------	--------------------------	-------------------

COURSE INTRODUCTION AND OBJECTIVES:

This course will provide knowledge of models, concepts, tools, and techniques necessary to undertake strategic marketing and management decisions in the field of tourism. The objective of the course is to focus on developing analytical skills in the formulation and implementation of market driven strategies and plans for an organization. Strategic marketing is the process of creating satisfied customers through the integration of all business functions and through the continuous search for a sustainable competitive advantage through innovation. Therefore, the course will cover current developments in marketing and management theory and practice. After having successfully completed the course, students will be able to master the following skills: provide insight into the role of marketing in tourism strategy development at the highest levels of an organization; apply strategic marketing frameworks, concepts, and methods to different types of tourism organizations; evaluate customer-life time value; assist tourism organizations to deliver excellent tourism experiences; discuss the internal and external barriers to strategy implementation, as well as use various approaches for overcoming these barriers.

COURSE OUTCOMES:

Knowledge and understanding of:

- The role of marketing in tourism strategy development.
- Destination marketing management: demand and supply issues, attractiveness, and competitiveness.
- Theory, formulation, and implementation of market driven strategies and plans for a tourism organization.
- Marketing mix strategies and tactics for tourism.
- Understanding of strategic marketing frameworks, concepts, and methods to different types of tourism organizations.
- To evaluate customer-life time value and assist tourism organizations to deliver excellent tourism experiences.
- To discuss the internal and external barriers to strategy implementation, as well as use various approaches for overcoming these barriers.

WEEK 1-4:

Module-I

Marketing:

What is marketing, The Core Concepts, Needs, Wants & Demands, Products (Goods, Services, & Ideas), Exchange & Transactions, Relationship network, Markets, Marketers & Prospects, Marketing Management, Company orientation toward marketplace.

- **Winning Markets through Market- Oriented Strategic Planning:**

The Nature of High performance Business, Organization & Organizational Culture, Corporate & Division Level Strategic Planning – Defining the

Corporate Mission – Establishing Strategic Business Units – Assigning Resources to eachSBU –

- **Scanning Marketing Environment:**

Analyzing Needs & Trends in the Macro Environment, Identifying & Responding to the Major Macro Environment Forces, Macro Forces - Demographic - Economic – Natural – Political – Legal Social – Cultural

WEEK 5-8:

Module-II

Market Segments, selecting market targets and Developingmarketing strategies:

Market segmentation, Levels of market segmentation, Pattern of market segmentation, Market segmentation procedure, Bases for segmentation consumer markets, Bases for segmenting business markets, Requirements for effect segmentation, Evaluating target markets.

- **Developing New Products:**

Challenges in new product development, Effective organizational arrangements, Managing the new product development process – Idea generation – Idea screening – Concept development and testing – Marketing strategy development – Business analysis – Product development – Market testing – Commercialization the Consumer Adoption Process

- **Managing life Cycle Strategies:**

The Product life cycle – Demand/ Technology life cycle – Stages in the product life cycle – Product Category, Product for, Product and branding life cycle, Marketing strategies throughout the plc, Market evaluation.

WEEK 9-16:

Module-III

Managing service businesses and product support services: The nature and classification of services, Characteristics of services and theirmarketing implications – Intangibility – Inseparability – Variability – Perishability.

- **Managing Advertisement, Sale Promotion and Public Relations:** Designing the sales forces – sale force objectives – Sale force strategy – Salesforce structure – Sale force size – Sale force compensation, Managing the salesforce – Recruiting and selecting sales representatives – Training salesrepresentatives -Motivating Sales Representatives – Evaluating salesRepresentatives, Principles of personal selling – Sales Professionalism –Negotiation – Relationship marketing.

RECOMMENDED BOOKS:

1. The New Rules of Marketing and PR: How to Use Social Media, Blogs, News Releases, Online Video, and Viral Marketing to Reach Buyers Directly, 2nd Edition by David Merman Scot
2. Marketing for Tourism by J. Christopher Holloway
3. Tourism marketing and management handbook Stephen F. Witt, Luiz Moutinho
4. Marketing for Hospitality and Tourism by Kotler
5. Sales and Marketing for Travel and Tourism (2nd Edition) by Doris S. Davidoff and Philip G. Davidoff (Jan 14, 1994)
6. Hospitality Sales and Marketing by James R. Abbey (Jun 1, 2008)
7. Marketing for Hospitality & Tourism (5th Edition) by Philip R Kotler, John T. Bowen and James Makens.
8. Marketing Essentials in Hospitality and Tourism: Foundations and Practices by Stowe Shoemaker and Margaret Shaw.

TH-306	Heritage Management	Cr. Hr. 03
---------------	----------------------------	-------------------

COURSE INTRODUCTION AND OBJECTIVES:

In this there is a shift from managing the heritage resources for tourism to managing the tourism processes, venues, and products in terms of how tourists make use of and 'consume' heritage. The module will encourage you, the student, to look at the growth of the tourism industry and how it has affected the heritage, museum, and art gallery sector. It takes account of the opportunities and threats posed by tourism to the 'heritage industry' and consider international and national policies, charters, and legislation regarding heritage tourism.

COURSE OUTCOMES:

- To give an intellectual framework for understanding the definitions, concepts and philosophies surrounding heritage tourism and its management.
- To some key issues in heritage tourism including, sustainability, benefits and negative impacts, public interest, and the different types of heritage tourism.
- To an understanding of heritage tourism in terms of different contexts - for example in relation to urban, rural, and site-specific environments.
- To an intellectual framework to understand the consumption of heritage tourism products and activities.

WEEK 1-2:**Module-1 General Introduction:**

Definitions, historical background, scope and importance of Cultural Resource Management.

WEEK 3-4:

Module-2 Cultural Heritage Management: theories and methods: Provides a theoretical framework and examines issues of evaluation, legislation, and communication to foster global responsibility and present integrative approaches to managing heritage.

WEEK 5-6:**Module-3 Cultural Heritage Documentation and Presentation:**

Deals with the approaches and techniques used for the identification, documentation, interpretation and presentation of cultural heritage sites and materials. The module takes critical approaches to the ideas of heritage and to the interpretation of heritage resources. Site inspections will expose students to contemporary professional practice in the field as well as to the experience of being “heritage consumers”. Assignments will enable practice in applying the techniques to real situations.

WEEK 7-8:**Module-4 Heritage Tourism:**

Defining heritage tourism and understanding the links between heritage and tourism histories of heritage tourism management, the development of heritage tourism organizations and agencies, key issues and the different types of heritage tourism, heritage tourism development as a process, planning and management

WEEK 9-10:**Module-5 Cultural Heritage Planning and Development:**

Explores practical approaches and methods to heritage development and planning with emphasis on the integration of related disciplines to attain environmentally sound and socially responsible preservation, management, and development initiatives.

WEEK 11:**Module-6 The Museums:**

Covers various modules that deal with the museum philosophy, policy, function, and structure. Topics like code of conduct and professional standards in museums, collection management, museum documentation, and computerization of museum records, exhibition policies, museum environment and its control. Methods and standards in the treatment of museum artifacts are especially emphasized in this module. Role and services are also covered.

WEEK 12:**Module-7 Preventive Conservation:**

Covers all aspects of the storage and display of artifacts e.g. museums, disaster plans, monitoring and controlling the storage and display environment, storage materials etc. The module focuses on issues related to preventive conservation such as disaster planning,

conservation policies, collections survey, building envelopes and zonation, storage systems, oddy tests, and stable storagematerials. Students will take an environmental monitoring project and collectioncondition survey as Module of this course.

WEEK 13:

Module-8 Conservation Projects Management:

Looks at collections management and condition surveys, and at the commissioning, planning and management of conservation projects. History of structures, survey techniques and report writing, assessment and diagnosis of structural failure, repair techniques: philosophy and technology, maintenance programs, environmental control and monitoring, case studies: structural problems in selected building types.

WEEK 14:

Module-9 Information Technology in Heritage Management:

Provides the students with the basic theory and principles of various types of information technologies, including database management systems, GIS etc. The course focuses on the application of these techniques in the documentation, conservation and management of cultural heritage.

WEEK 15:

Module-10 Special Topics in Cultural Heritage Management & TourismResources Management:

To be decided by the course instructor subject to the department approval, aims at explaining the main aspects related to managing tourism resources including balancing tourism supply and demand, government tourism administration, role of private sector and NGOs, tourism impacts, human and financial resources, and public awareness.

WEEK 16:

Module-11 Tourism and Local Community:

Emphasis is placed on the study and analysis of the interaction processes between local community and the tourism activities in the various cultural, social and economic aspects, as well as the impact of such interaction on the change processes produced by the tourism industry among local people.

RECOMMENDED READINGS:

1. Cultural Heritage Management: A Global Perspective by Phyllis MauchMessenger and George S. Smith.
2. Heritage: Management, Interpretation, Identity by Peter Howard.
3. Cultural Tourism: The Partnership between Tourism and Cultural HeritageManagement by Bob Mekercher and Hilary Du Cros.
4. Risk Preparedness: A Management Manual for World Cultural Heritage by Herb Stovel.

5. Management Guidelines for World Cultural Heritage Sites by Bernard M. Feilden and Jukka Jokilehto.
6. Operational Guidelines of the UNESCO World Heritage Committee.
7. Dar, S.R. Archaeology and Museums in Pakistan, Lahore, 1977.
8. Dar, S.R. Museology and Museum Problems in Pakistan, Lahore 1980.
9. Dar, S.R. Repositories of our Cultural Heritage: A Handbook of Museums in Pakistan, Lahore, 1979.

SEMESTER-VI

Course Code	Course Title	Credit Hrs.
TH-351	Foundation IX: Event Management	3(3+0)
Phil-352	General VIII: Logic & Critical Thinking	3(3+0)
TH-353	Major V: Sacred/Religious Tourism	3(3+0)
TH-354	Major VI: Travel & Tour Operations	3(3+0)
TH-355	Major VII: Sports and Adventure Tourism	3(3+0)
MGT-356	General: Project Management	3(3+0)
Total Credit hours		18

TH-351	Event Management	Cr. Hr. 03
---------------	-------------------------	-------------------

COURSE INTRODUCTION AND OBJECTIVES:

This course will cover the role of events in today's world, budgets and goals, workflow management, venue selection and negotiation, room layouts and seating formats, food and beverage, entertainment and speakers, design and decor, transportation and logistics, registration and check-in, hybrid meetings, apps and technology, basic lighting, and audio visual, and more.

COURSE OUTCOMES:

The student will be able to:

- Understand how to create an event that achieves specific objectives for the host/client.
 - Design a planning process that incorporates budgeting, project management, communication, and evaluation tools.
 - Understand the various event elements (food and beverage, design, entertainment, site selection, etc.) and how to cost-effectively employ them.

- Understand the role of the planner on site at the event, and the mindset necessary to oversee successful event coordination.
- Understand the key elements of a conference and the processes involved in format and venue selection, registration, catering, accommodation, transport, theming, security, and entertainment.
- Understand management essentials such as developing budgets, critical paths, work breakdown structures, risk mitigation and contingency planning.
- Understand opportunities and challenges such as sponsorship, marketing, publicity, and stakeholder management as they relate to conference and corporate event management.

WEEK 1-2:

Module-1

Introduction, Size, Type, Event Team, Code of Ethics, Relevant legislation, Licensing, Stakeholders and official Buddies, Contracts.

WEEK 3-4:

Module-2 Concept & Design:

Developing Event Concept, Analyzing the Concept, Designing, Logistics, feasibility (SWOT, PEST, AIDA, SMART).

WEEK 5-6:

Module-3 Marketing & Technology:

Nature of Event Marketing, Process, Marketing Mix (Product, Price, Place, People, Promotion, Image, Advertising, Publicity, Public Relation, Sponsorship). Marketing Plan Goals, Leveraging Technology, Mobile Apps & Social Media, Photo/Video Capture and Post-Event Usage, Virtual/Hybrid Event Options

WEEK 7-8:

Module- 4 Financial Management and Planning:

The Budget, Breakeven Point, Cash Flow, Profit and Loss Statement, Balance Sheet, Financial Control System, Panic Payments. Mission/Purpose Statement, Aims and Objectives, Event Proposal, Staging, Theme, Rehearsals, Services, Catering, Accommodations, Environment, Staffing, Organizational Chart, Job Descriptions, Recruitments, Trainings, Volunteers.

WEEK 9:

Module-4 Protocol:

Guests, Titles, Dress Code, Protocol for Speakers, Religious and cultural Protocols, Political and Official Protocols, Protocols for Different Ceremonies, Rules, and Regulations.

WEEK 10:**Module-5 Leadership:**

Developing Leadership Skills, Managing Temporary and Diverse Teams, Group Development, Improving Communication, Time management, Planning and Managing Meeting, Coordination.

WEEK 11:**Module-6 Operations and Logistics:**

Logistics, Policies, Procedures, Performance Standards, Functional Areas, Leadership and Staff motivations.

WEEK 12:**Module-7 Safety and Security:**

Security, Safety and Health, Risk Management, Incident Reporting, Response Teams and Plans, Standards for Safety, security and risk Management.

WEEK 13:**Module-8 Crowd Management & Evacuation:**

Crowd Management Plan, Major Risks, Crowd Management, Emergency Planning, Implementing Emergency Procedures.

WEEK 14:**Module-9 Monitoring Control and Evaluation:**

Monitoring and Control Systems, Operational Monitoring and Control, Evaluation, the Broader Impacts of Event, Accountability.

WEEK 15-16:**Module-10 Functional Organization**

Trends and issues, Organize an Event, MICE, Conference, Exhibition, Festival, Meeting, etc.

RECOMMENDED READINGS:

1. The event manager's bible: the complete guide by D.G. Conway
2. Events management by Glenn Bowdin
3. Event planning: the ultimate guide to successful me by Judy Allen.
4. Events design and experience (events management) by Graham Berridge.
5. Special event production: the resources by Doug Matthews.

Phil-352	Logic & Critical Thinking	Cr. Hr. 03
-----------------	--------------------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

This course helps students learn to think clearly, concisely, and analytically, through a familiarity with the reasoning methods of logic in terms of learning how to define terms, formulate arguments, and analyze statements critically and objectively. The course deals with the language of logic and the methods of deductive and inductive reasoning.

COURSE OUTCOMES:

After studying this course, the learners will be able to:-

- Explain and apply the basic concepts essential to a critical examination and evaluation of argumentative discourse.
- Use investigative and analytical thinking skills to examine alternatives, explore complex questions and solve challenging problems.
- Synthesize information to arrive at reasoned conclusions.
- Evaluate the logic and validity of arguments, and the relevance of data and information.
- Recognize and avoid common logical and rhetorical fallacies.

CONTENT LIST:

WEEK 1-4:

Module I

- Definition of Logic
- Logic as a science and an art
- Scope of logic
- The laws of logic
- Induction and essential characteristics of induction

WEEK 5-8:

Module II

- Categorical propositions and classes
- Quality, quantity, and distribution
- The traditional square of opposition
- Immediate inferences, conversion, obversion, contraposition, inversion
- Existential import
- Symbolism and diagram for categorical proposition

WEEK 9-16:

Module III

- Three basic uses of language

- Discourse serving multiple functions.
- The form of discourse
- Emotive words
- Kinds of agreement and disagreement
- Emotively neutral language
- The purpose of definition
- The types of definition
- Various kinds of meaning
- Techniques for defining.
- Standard form categorical syllogisms
- The formal nature of syllogistic arguments
- Venn diagram techniques for testing syllogisms
- Rules and fallacies
- Reducing the number of terms in categorical syllogism
- Translating categorical proposition into standard forms
- Uniform translation
- Enthymemes
- The dilemma
- Informal fallacies
- Fallacies of ambiguity
- The avoidance of fallacies

RECOMMENDED BOOKS:

1. Suppes, P. (2012). Introduction to logic. Courier Corporation.
2. Gensler, H. J. (2012). Introduction to logic. Rutledge.
3. Kant, I. (2015). Introduction to logic. Open Road Media.
4. Bradley, R. (1979). Possible worlds: An introduction to logic and its philosophy.
5. Rescher, N. (1964). Introduction to logic.

TH-353	Sacred/Religious Tourism	Cr. Hr. 03
---------------	---------------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

The course will cover different aspects of tourism related to Religious (or Sacred) sites and places still in use of the followers of various religious groups within the country and abroad regardless of any factual and/or theistic biasness. It will also cover visits to various sites and places/buildings associated with the followers of different religions. For example, Buddhist

stupas and monasteries in the Swat, Taxila and Peshawar valleys, Sikh shrines, Jain/Hindu temples, Muslim religious establishments, tombs/graveyards, Christian churches, etc.

COURSE CONTENTS:

WEEK 1-3:

Module-I:

Basic concepts – History of Religious travel & tourism – Religious tourism as educational & spiritual phenomena.

WEEK 4-6:

Module-II:

Ancient religions of the world and tourism – spiritual philosophies – religious destinations in the world – religious destinations in Pakistan.

WEEK 7-9:

Module-III:

Tourism & Hospitality and Islamic concepts – ethics of hospitality in Islam – ethics of food and beverages in Islam – ethics of travel and travellers in Islam, Management issues for religious heritage attractions – impacts of religious tourism – in personal, local community, economy, politically, worldwide.

WEEK 10-12:

Module-IV:

Religious history of Pakistan, Classification of religious/sacred places (of the Muslims, Christians, Buddhists, Hindus, Jains, Parsis, Sikhs, Kalashas, etc), Types of religious heritage (Masjid, Tombs, Idgahs, Stupas, Monasteries, Temples, Dharamsala's, Sacred caves/grounds/places, Churches, Gurudvaras, Places (such as grounds, trees, hill-tops, caverns, rivers, springs, etc) associated with great religious leaders of various religions.

WEEK 13-16:

Module-V:

Living pilgrimages, Moral values pertaining to religious/sacred places, Management/organizational structure of sacred places, financial management for Religious Sites, Security/Human Resource management for Religious Sites, awareness, marketing and promotion for Religious Sites

Suggested Readings:

1. Nasim Khan, M. The Sacred and the Secular: Investigating the Stupa and Settlement Site of Aziz Dheri,

Peshawar Valley, Khyber Pukhtoonkhwa (3 volumes).
Peshawar. 2010.

2. Nasim Khan, M. Treasures from Kashmir Smast – The Earliest Shivaite Monastic Establishment. Peshawar. 2006
3. Shah, Ibrahim (2007) Hindu Art in Pakistan: a Study Based on Museums Collection), (PhD thesis, unpublished), Peshawar: Department of Archaeology, University of Peshawar
4. The Mahabat Khan Mosque and its Decorative Beauty (MPhil thesis, unpublished), Department of Archaeology, University of Peshawar, 1996
5. Khan, A. N. Multan: History and Architecture, Islamabad, 1983
6. Development of Mosque Architecture in Pakistan, Islamabad, 1991.
7. Sehrai, F.U. A Guide to Takht-i Bahi,
8. Marshall, J. (1975) Taxila: An Illustrated Account of Archaeological Excavations Carried Out at Taxila Under the Orders of the Government of India Between the Years 1913-1914, (3vols.), New Delhi repr. (1st edn. Cambridge University Press 1951), (Vol. I: Structural Remains)
9. Rahman, A. Islamic Architecture of Pakistan: An Introduction, Peshawar, 1981
10. Hasan, Shaikh Khurshid. The Islamic Architectural Heritage of Pakistan, Royal Book Company, Karachi, 2000.
11. Dani, A.H. Shahbazgarhi, Peshawar, 1964.
12. Khan, F.A (1969) Architecture and Art Treasures in Pakistan: Prehistoric, Protohistoric, Buddhist and Hindu Periods, Karachi.

TH-354	Travel & Tour Operations	Cr. Hr. 03
---------------	-------------------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

The course exposes students to knowledge on the operations and management of tour and travel segments of the tourism industry. It equips them with skills of how to manage tour and travel related procedures and activities enabling them to become effective managers.

Course objectives are as under:

- Knowledge of the tour operations industry
- Knowledge and skills of tour operators' products
- Knowledge and skills essential in the administration and management of tour operations as a business
- Acknowledge the crucial relationships of various tour components such as transportation, lodging, dining, sightseeing, attractions, and shopping.
- Understand different types of tour operators as well as basic types of organizational structures.
- Identify tour distribution channels.
- Evaluate the significance of business plan for tour operators.

- Appreciate the ways in destination research, development, and supply negotiations.
- Device and develop tour itinerary planning.
- Understand how to strategically price the tour.
- Understand the three major function of tour operations: pre-touroperation, tour execution, and post-tour phase.
- Appreciate an administration of tour operation and its environment.

COURSE OUTCOMES:

- The students will gain necessary skills in travel management.
- They will increase their knowledge and practice in packaging tours.
- They will adopt the travel system and have competence for implementation.
- Knowledge and skills of tourism operations industry
- Understating legal aspects in tour and travel operations.

WEEK 1-4:

Module-I Introduction to Travel and Tourism:

Concept of Travel and tourism, Nature and features of Tourism as an industry, Travel Trade Meaning and definition of travel agency and tour operator, Traveltrade-an historical perspective, Types of travel agency and tour operator business, Destination company-functions, Distinction between wholesale travelagency and tour operator business, Integration and linkages in the travel agencybusiness, Role and Contribution of travel companies in the growth and development of tourism, Travel Trade- the Changing Environment.

WEEK 5-8:

Module-II Organizational Structure and Functions of Travel AgencyBusiness:

How to start a Travel Business, Choice of Travel Agency Ownership, Organization structure and Working of Travel Agency and Tour Operator, Travel Agency- MNCs meaning and Benefits, Procedure for the approval from Government of Pakistan, Functions of travel companies.

WEEK 9-10:

Module-III Itinerary Development:

Introduction, Meaning and Definition, Types of Itineraries, how to Develop an effective Itinerary, Reference tools for Itinerary Preparation, Step- by- Step procedures.

WEEK 11-12:**Module-IV Tour Packaging Management:**

Concept, Origin and Development of Tour packaging, Types of Tour Package, Components of a standard package Tours, Tour Package- Pre information

WEEK 13-14:**Module-V Tour Costing and Pricing:**

Defining the concept of cost, Tour Cost- a focus on cost effectiveness, Components of tour cost, Fixed and variable costs, Direct and indirect costs, Factors affecting the Tour Cost, costing a tour package, Cost sheet-meaning and significance, Procedure for Cost determination, Calculation of tour price, Factors affecting the tour pricing, Significance of profit margin, Pricing strategies for package tours.

WEEK 15-16:**Module VI Public Sector Tourism Enterprises and Tour Packaging Business:**

Public sector Undertaking, Government involvement in Tourism Operations, Major Tourism Enterprises in Public Sector, Equipping the office, filling system, building a Tour company, success prescriptions, prepare for failure then concentrate on success.

RECOMMENDED BOOKS/READINGS:

1. Barbara Braidwood, Susan Boyee & Richard Cropp; Tour Guiding Business by Unistar Books Pvt Ltd.
2. Negi, Jagmohan (1998): Travel Agency and Tour Operation: Concepts and Principles, Kanishka, New Delhi
3. Tour Guiding; South Asian Tourism secretariat.
4. Tour operation South Asian Tourism secretariat.
5. Yale, Pat (1995) The Business of Tour Operations, London: Longman Group
6. Webster, Susan (1993) Group Travel Operating Procedures (2nd ed.), Van Nostrand Reinhold.

TH-355	Sports and Adventure Tourism	Cr. Hr. 03
---------------	-------------------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

Sport Tourism refers to vacations that include playing or watching competitive or non-competitive sports or participating in recreation or leisure activities. While adventure tourism means to enjoy wilderness of mountains, beaches, deserts, and forest etc. Topics covered in this course include sport/adventure industries, politics in sport, sport/ adventure marketing, and sport facility operation. Sports and adventure has become a major demand generator for many countries around the world and consequently the growth and status of this phenomenon is a major

aspect of this course. The process of creating proposals and bids for sport/adventure events will also be discussed.

- Discuss the relationship between sports and adventure tourism.
- Identify the major sports/ adventure venues and events.
- Discuss issues and initiatives related to sports tourism in Canada and internationally.
- Understand how government agencies and private sector groups work together to foster the growth of sport and adventure events and activities.
- Identify the steps used to promote major sport and adventure events.

COURSE OUTCOMES:

The students will be able to:

- Develop a sport tourism concept plan and/or research paper to implement and organize within an organization or for an organization.
- Develop and present a cross-border sport tourism plan or a sport & adventure plan to organize and implement.

Sport Tourism

WEEK 1-2:

Module-I Introduction Sport and Tourism:

Sport and tourism: Globalization, mobility and identity
Sport and tourism in a global world
Sport and contemporary mobility
Culture and identity.

WEEK 3-4:

Module-2 Activity:

Globalization and the mobility of elite competitors
Spectatorship and spectator experiences
Recreational sport and serious leisure

WEEK 5-6:

Module-3 People:

Authentic experiences
Temporary sport migrants
Transnationalism, migration and diaspora

WEEK 7-8:

Module-4 Place:

Modern landscapes and retro parks
Place attachment
Sport and place competition
Globalization, mobility, and identity: Building theoretical informed insights into the study of sport and tourism.

WEEK 9-10:**Module-5****Adventure Tourism**

Introduction/ Basic Concepts, Definitions, historical background, hard and soft adventures.

WEEK 11-12:**Module-6**

Classification of Adventures, Land, water/ aqua and aerial adventures

WEEK 13-14:**Module-7**

Major Adventure Activities and skills, Mountaineering, Trekking, Mountain Biking, Skiing, Diving, White Water Rafting, Surfing, Swimming, Ballooning, Parachuting, Paragliding.

WEEK 15-16:**Module-8**

Organizations/ Clubs working for Adventure Tourism in Pakistan, Famous Adventure Destinations of Pakistan, Potential Adventure Destinations of Pakistan.

RECOMMENDED BOOKS/READINGS:

1. Adventure Tourism by Ralf Buckley
2. Adventure Tourism: The New Frontier by John Swarbrooke, Colin Beard, Suzanne Leckie and Gill Pomfret (4 Jul 2003)
3. Adventure Tourism by R. Buckley (24 Oct 2006)
4. Adventure Tourism Management by Ralf Buckley Professor (30 Oct 2009)
5. Adventure Tourism: Meaning, Experience and Education by Peter Varley, Steve Taylor and Tony Johnson (1 Dec 2012)
6. Sport Tourism Paperback by Douglas Michele Turco (Author), Roger Riley (Author), Kamilla Swart (Author)
7. Sport and Tourism 1st Edition by James Higham (Author), Tom Hinch (Author).

MGT-356	Project Management	Cr. Hr. 03
----------------	---------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

The course trains in the basic principles of project management, including concepts from the initiating, planning, executing, monitoring & controlling, and closing process groups. Introduce fundamentals of project management knowledge areas, integration, scope, time, cost, quality, human resources, communications, risk, procurement, and stakeholder management. The objectives are:

- Understand key concepts of project management and project lifecycle.
- Begin to develop project planning skills.
- Practice the key stages of managing projects.
- Develop increased awareness of available resources to further develop project management skills.
- Consider how to apply new knowledge to their own projects and set realistic goals for moving forwards.

COURSE OUTCOMES:

- Manage the selection and initiation of individual projects and of portfolios of projects in the enterprise.
- Conduct project planning activities that accurately forecast project costs, timelines, and quality. Implement processes for successful resource, communication, and risk and change management.
- Demonstrate effective project execution and control techniques that result in successful projects.
- Conduct project closure activities and obtain formal project acceptance.
- Demonstrate a strong working knowledge of ethics and professional responsibility.
- Demonstrate effective organizational leadership and change skills for managing projects, project teams, and stakeholders.

COURSE CONTENT:

WEEK 1-4:

Module-I

Introduction to Project Management, Organizational Capability, Leading and Managing Project Teams, Project Selection and Prioritization.

WEEK 5-8:

Module-II

Stakeholder Analysis & Communications Planning, Scope Planning, Chartering, Scheduling, Resourcing and Budgeting Projects.

WEEK 9-12:**Module-III**

Project Risk Management, Project Quality & Kick-off, Project Supply Chain Management, Determining Project Progress & Results, Finishing the Project and Realizing the Benefits.

WEEK 13-16:**Module-IV**

Reviewing the Project Lifecycle, Large Scale & Iconic and Public Sector Projects, Events as Projects, Triple Bottom Line Sustainability, Community Consultation & Engagement, Industry Speaker.

Recommended Books:

1. Project Management Body of Knowledge by Project Management Institute
2. The art of project management by Scott Berkun
3. The fast forward MBA in project management by Eric Verzuh
4. Project Management: A Systems Approach to Planning, Scheduling by Harold Kerzner.

SEMESTER-VII

Course Code	Course Title	Credit Hrs.
TH-401	Major VIII: Restaurant Management	3(3+0)
MGT-402	Major IX: Accounting and Finance	3(3+0)
TH-403	Elective I: Tourism Planning and Development	3(3+0)
TH-404	Elective II: Culinary Art	3(3+0)
TH-405	Research Methodology	3(3+0)
Total Credit hours		15

TH-401	Restaurant Management	Cr. Hr. 03
---------------	------------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

This course is a restaurant management course that provides students with the unique opportunity to study operations and management of full-service restaurants. Course topics include operational issues, customer satisfaction, restaurant trends and challenges, financial accountability, service issues, and management development. Various aspects of production and service are experienced, discussed and demonstrated. Students become familiar with all aspects of a restaurant operation. The course is designed for students who desire to improve their

understanding of restaurant management. It will identify leadership skills in finance and cost controls, marketing, bar and kitchen food productions, and effective menu planning. This course will also provide students with the basics of entrepreneurialism and how to put these learning objectives to work.

COURSE OUTCOMES:

After successfully completing this course, student will be able to:

- Summarize procedures within restaurant operations.
- Apply operational procedures to achieve specific results.
- Examine the influence of the history of restaurants on contemporary restaurants.
- Justify use of managerial functions to affect profitability.
- Develop strategies to improve restaurant performance.

WEEK 1-2:

Module-1 Introduction:

Introduction to catering – Different types of catering establishments. Relationship of catering industry with other industries. Attributes of food and beverage service personals, Staff organization in different types of restaurants, duties & responsibilities of restaurant staff. Classification of restaurants. Types of restaurants, Ancillary departments.

WEEK 3-4:

Module-2 Restaurant Facilities:

Development and design, space allocation, features of equipment, factor affecting the selection of equipment, Classification of operating equipment used in restaurants & their uses. Automatic vending, dining room furnishing, furniture, linen, Restaurant service Mise en Scene, Mise en place. Conservation of environment, solid waste management.

WEEK 5-6:

Module-3 Services technicalities:

Basic technical skills, interpersonal skills, laying cover, taking orders, service of Food, service of beverages, clearing during service, SERVQUAL in Restaurant.

WEEK 7-8:

Module-4 Procedures:

Billing, special form of service. Function catering, function administration, function organization. Operational control, revenue control, appraising revenue, appraising cost, appraising profits, profits measures, appraising the whole operation.

WEEK 9-10:**Module-5 Accounting & Technology in Restaurant:**

Technology in restaurants industry, table management, POS system, mobile phone technology, web-based program, Gifts and loyalty cards, Guest services.

WEEK 11-12:**Module-6 Financial planning and operations:**

Financial planning and operations, records and reports, cost and control, review of Restaurant business plan.

WEEK 13-14:**Module-7 Restaurant Leadership and Management:**

Leading the employee, nature of leadership, employee input, Restaurant Management issues, new employee Training and development, Orientation, Communication skill, team building, effective delegation, developing others, Staffing the Restaurant.

WEEK 15-16:**Module-8 Practical work & familiarization visit to restaurants, and outlets:**

Demonstrations and Practical's of the skills and methods of service and supervisory tasks. Familiarization of cutlery, Crockery, glassware, Hollowware and Flatware, furniture, ancillary areas of F&B Dept. Linen used in the F&B Dept, Handling of trays and salvers, Mise en scene –Laying and relaying of Tablecloth, Mise en Place, Service of water, Holding and use of Service Spoon and Fork, Sequence of service / Taking orders, service of Food – Silver Service, Laying tables for Different Meals, Lunch Service, Pre Plated Service, Drawing Glassware, Service of Water / Bottled Water / Mineral Water, Service of Tea, Service of Coffee, service of Juices, Service of Beverages in Rooms, KOT, BOT, billing, Beverage Sales Control, Beverage Sales Summary Sheet, Quotation.

RECOMMENDED READINGS:

1. Walker, John R., (2011) The restaurant: from concept to operation. — Seventh edition. Published by John Wiley & Sons, Inc., Hoboken, New Jersey.
 2. Cousins, Foscett, Gillespie Food and Beverage Management, Pearson Education
 3. Casado, Matt A (1994), Food and Beverage Service Manual, John Wiley & Sons.
 4. Costas Katsigris, Chris Thomas, Design and Equipment for Restaurants and Foodservice: A Management View,
 5. Dennis R. Lillicrap, John A Cousins (1991), Food and Beverage Service, Elbs.
 6. Food and beverage Service – I Bharathiar University, Coimbatore India.
- S. Medlik (1972), Profile of the Hotel and Catering Industry, Heinemann

MGT-402	Accounting and Finance	Cr. Hr. 03
----------------	-------------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

This course deals with the basic of accounting and finance. This will enable students to determine tourism and hospitality organization profitability and economic transparency. The objective of the course is to supply the students with the knowledge that is needed for financial decision making in the hospitality industry and for efficient record keeping, financial management of tourism and hospitality enterprises. This course highlights the dimensions of organizational culture which are associated with accounting and financial knowledge and processes. The course is divided in two sections. The first section refers to general principles of accounting. The second section refers to the analysis of financial statement which make different stakeholders for taking appropriatedecisions.

COURSE OUTCOMES:

At the end of this course, students will know:

- What is accounting? The process of recording business transactions.
- Development of financial statement according to GAAP.
- How to determine the financial status of tourism and Hospitality organizations?
- Accounting cycle, as well as finance.
- Financial analysis and to determine probability of an organization.
- Investment appraisal methods, with applications to expansion, restructuring, acquisitions.
- The nature and use of the financial products/ instruments available in the market.

COURSE CONTENTS:

WEEK 1-4:

Module-I Introduction to Accounting:

What is accounting, what is finance, accounting systems, Types of Accounting, Decision making parties, Principles of accounting.

WEEK 5-8:

Module-II Basics of Accounting:

Introduction to financial statements, Balance Sheet/ Statement of financial positions – Assets – Liabilities – Owner equity, Accounting Equation, Effects of

business transactions, Income statement, Statement of cash flow, Articulation, Forms of business organization.

WEEK 9-12:

Module III The Accounting Cycle

Role of accounting record, the ledger, the use of Accounts, Debit & Credit entries, T – Ledger, the trial balance, adjusting entries, Adjusted trial balance, Preparation of financial Statements, Income statement, Statement of owner equity, Balance sheet

WEEK 13-14:

Module IV Financial Assets Management

What is finance, modes of financing, Sources of Finance, Equity Shares, Preference Shares, Cash management, reporting cash in balance sheet, Cash Handling, Internal control, Cash disbursement, Bank statement, reconciling bank statement, Petty cash funds, Cash budget, Account Receivable, Short term Investment, Working Capital, and its Sources.

WEEK 15-16:

Module V Financial Analysis

Liquidity ratio, Activity ratio, Solvency ratio, Profitability ratio, Cost Analysis, Vertical Analysis, Horizontal Analysis, Ratio Analysis

RECOMMENDED BOOKS:

1. Accounting for Hospitality, Tourism and Leisure 2nd Edition by Gareth Owen.
2. Management Accounting for Hospitality and Tourism 3rd Edition by Richard Katas
3. Harris, P. (1995) 'Accounting and Finance for the International Hospitality Industry', Butterworth Heinemann: UK, PB, ISBN 075063586X stlg18.99
4. Katas, R. and Conlan, M. (1997) 'Hospitality Accounting', ITBP: UK, PB, ISBN 1861520867 stlg19.99
5. Owen, G. (1998) 'Accounting for Hospitality, Tourism and Leisure', Longman: UK, PB, ISBN 0582312957 stlg20.99
6. Atkinson, H. Berry, A. and Jarvis, R. (1995) 'Business Accounting for Hospitality and Tourism', ITBP: UK, PB, ISBN 0412480808 stlg20.99
7. The Economic Ascent of the Hotel Business by Paul Slattery
8. Hospitality Financial Management by Agnes L. DeFranco, Thomas W. Lattin
9. Hotel Operations and Auditing Manual by Cihan Cobanoglu, Gail Sammons, Patrick J. Moreo
10. Accounting and Financial Management, First Edition - Developments

in the International Hospitality Industry by Marco Mongiello, Peter Harris

11. Financial Management for Hospitality Decision Makers
(Hospitality, Leisure and Tourism) 1st Edition by Chris Guilding

TH-403	Tourism Planning and Development	Cr. Hr. 03
---------------	---	-------------------

COURSE INTRODUCTION & OBJECTIVES:

Tourism development is about developing country tourism through proper development steps so that a specific country can be presented as an attraction for not only domestic tourists but for international tourists also.

COURSE OUTCOMES

The graduates will be able to utilize the assets of tourism by having background knowledge about reforms and means of development.

COURSE CONTENTS

WEEK 1-4:

Module - 1: Introduction

Tourism Resources and Potential, **Problems and Perspectives**, General Problems of Culture, environment, leisure, Travel barriers and Accommodation problems, Role of Policies in Development

Module - 2: Tourism Planning & Development

Tourism Planning, Coordination in Planning, Planning Process, Territorial Planning, Environment Planning, Regional considerations, Carrying capacity

WEEK 5-8:

Module - 3: Tourism organization

Influencing factors, Recommendations of UN, National tourist organizations, World tourism organizations

Module - 4: Tour operations

Emergency of tour operator, Package tour (Quality), Price advantages (the Discount), Marketing packages, Tourist product (Special Feature), Geographical effects, Tourism for business

WEEK 9-12:**Module - 5: Global Tourism**

Global code of ethics for tourism, WTO perspective on sustainable tourism, Tourism for prosperity & peace, Corporation for development of market intelligence, World tourism day, non-Governmental perspective, Industry initiative for sustainable tourism (Problems & Solutions), Governmental Actions, Tourism industry actions, NGO actions, what government, Industry & NGO's should do, Coastal impact of tourism, Institutional actions, Regulation & Standards within the industry

Module - 6: Legislative requirements

Governmental legislations (Pakistan case study), International transportation policy, Water transportation, Protection of hotels, Food licensing, Food safety, Place of entertainment, building codes to facilitate tourism, Protection of wildlife, Environmental protection act

WEEK 13-16:**Module – 7: Policy proposal**

Tourism as industry, Accommodation projects, Food oriented projects.

Policy for

- Parks
- Handicrafts
- Fairs & Festivals
- Museums
- National Parks
- Training in Hospitality Industry

Module - 8: Cases

Tourism Planning & Policy of Pakistan, Tourism Act 1973, Hotel & Restaurant Act 1973.

Recommended Readings:

- 1) Tourism Development (Problems and Perspectives) by Yashodhara Jain.
- 2) International Tourism (Fundamentals and Practices) by A.K Bhatia.
- 3) Thesis on Planning and Development For Tourists Attractions and Facilities in Hill Resort
by M.R
Malhotra A.I.T.P
- 4) Journal of Tourism Development(<http://www.sdts.net.cn/web/zhuanti/zzs/index.html>)
- 5) Tourism Economics(<http://www.ippublishing.com/te.htm>)
- 6) Tourism Planning and Development(<http://tandfonline.com/toc/rthp21/current>)

TH-404	Culinary Art	Cr. Hr. 03
---------------	---------------------	-------------------

COURSE INTRODUCTION AND OBJECTIVES

Food is fundamental to life. Not only does it feed our bodies, but it is often the centerpiece for family gatherings and social functions. In this course, students learn all about food, including food culture, food history, food safety, and current food trends. They also learn about the food service industry and prepare some culinary dishes. Through hands-on activities and in-depth study of the culinary arts field, this course helps students to enhance their cooking skills and gives them the opportunity to explore careers in the food industry.

- Discuss the history and development of the food service industry.
- Describe the major accomplishments of famous chefs from history.
- Summarize the influence of historical entrepreneurs in the food service industry in the United States.
- Analyze how current trends in society affect the food service industry.
- Explain how taste and smell combine to give foods their flavors.
- List physical, psychological, cultural, and environmental influences on food likes and dislikes.
- Discuss global food diversity.
- Explain the basics of safety in culinary arts.
- Identify safety hazards in the food service workplace.
- Explain the basics of sanitation in a professional kitchen.
- Discuss procedures for cleaning commercial kitchen equipment.
- Identify various moist and dry cookery methods.
- Identify levels of training required for food service and culinary arts occupations.

COURSE OUTCOMES:

- To apply the latest modes of working, to master the various existing culinary techniques in national and international cookery, as well as in traditional and contemporary cuisine.
- To estimate, manage resources, and calculate costs, taking into consideration all necessary factors, from purchasing of basic resources, working with suppliers through to the final product, making use of strategic, administrative, and marketing concepts.
- To be able to manage a working team, making the best of their potential and supervising the activities of kitchen aids and auxiliaries, acquiring the necessary competence to solve different problems which may arise in work, as well as the efficient use of time, space, and human and material resources within the kitchen.
- To plan and carry out efficient leadership for the best preparation and elaboration of foods, always observing the safety and hygiene regulations in the workplace and following the instructions of a qualified professional.
- To acquire the knowledge which will allow you to conserve and handle different food resources, and to design and produce menus to meet the quality standards of each area of the market.

WEEK 1-4:**Module-I Introduction:**

Aims & Objectives of cooking food, Introduction to Safety, maintaining personal hygiene, hazards and Risks, History and development of cooking, the kitchen brigade, what is a professional cook, food and nutrition's, the food guide pyramid, food contamination, Food and Beverage system. Health & Safety regulations, hazards in workplace, emergencies in workplace, communication skills, security procedures, team work, waste management, pest control, storage and stock control.

WEEK 5-6:**Module-II Introduction to Hygiene and Sanitation:**

Hygiene, Sanitation, meaning, uses in hotel industry. Importance of hygiene and sanitation in catering industry. Personal hygiene for staff members in the production areas in preparing food or coming in touch with food and beverages. Personal hygiene for staff coming in touch with guests.

Module-III Basic concepts:

Foundation Ingredients- fats, oils and their uses. Flavoring agents - Flavoring and Seasonings, sweetening agents, Thickening agents. Knife and Knife skills, kitchen terminologies.

WEEK 7-8:**Module-IV Preparation concepts:**

Preparation of Ingredients – Washing, peeling, Scrapping, cutting of vegetables, method of mixing foods, methods of cooking foods. Sauce meaning, uses, points to be observed when preparing recipe for mother sauces, Names, and derivatives of mother sauce.

WEEK 9-12:**Module-V Menu concepts:**

Menu and types of menus, Basic Stocks types, Soups and its types, Rice and types of rice, Egg dishes, pasta and cooking methods of pasta, Fish course, Poultry, key preparation techniques for poultry, Introduction to vegetables and cooking techniques.

WEEK 13-16:**Module-VI (Practical's):**

Horrs d' Oeuvers, appetizers and starters, salads, cold sauces, Introduction to desserts. (Preparation of 6 recipes from each course).

RECOMMENDED/SUGGESTED READINGS:

1. Anita Tull (1996), Food and Nutrition, Oxford University Press.
2. Arora K (1982), Theory of Cookery, K.N. Gupta & Co.
3. Auguste Escoffier (1979), The Complete Guide to the Art of Modern Cookery, Heinemann.
4. Ann Seranne (1983), The Complete Book of Egg Cookery, Collier Macmillan
5. David J, Textbook of Hotel Management, Anmol Publication (P) Ltd.
6. Douglas Robert Brown (2003), The Restaurant Manager's Handbook, Atlantic Publishing Company.
7. David A. V. Dendy (2001), Cereals and Cereal Products, Springer.
8. Eleanor Hallam (2005), Food Technology, Nelson Thornes.
9. Escoffier (1941), The Escoffier Cook Book, Crown Publishers, New York.
10. Fannie Merritt Farmer (1896), The Boston Cooking-School Cook Book, Little, Brown and Company.
11. Peter Barham (2001), The Science of Cooking, Springer.
12. Julia Child, Louisette Bertholle, Simone Beck (2001), Mastering the Art of French Cooking, Knopf Publishing Group.
13. Robin Nelson (2003), Fruits, Lerner Publications.
14. Frederic Rosengarten, Jr., Frederic Rosengarten (2004), The Book of Edible Nuts, Courier Dover Publications.
15. Frances E. Ruffin (2005), Kitchen Smarts: Food Safety and Kitchen Equipment, The Rosen Publishing Group.
16. Kenneth James (2006), Escoffier: The King of Chefs, Continuum
17. Thomas B. Johansson, Laurie Burnham (1993), Renewable Energy:

Sources for Fuels and Electricity, Island Press.

18. Food preparation South Asian Secretariat. Jessica Souhami (2006), Sausages, Frances Lincoln Ltd

TH-405	Research Methodology	Cr. Hr. 03
---------------	-----------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

Research Methodology is a hands-on course designed to impart education in the foundational methods and techniques of academic research in social sciences and business management context. Research scholars would examine and be practically exposed to the main components of a research framework i.e., problem definition, research design, data collection, ethical issues in research, report writing, and presentation. Once equipped with this knowledge, participants would be well-placed to conduct disciplined research under supervision in an area of their choosing. In addition to their application in an academic setting, many of the methodologies discussed in this course would be like those deployed in professional research environments.

1. understand some basic concepts of research and its methodologies.
2. Identify appropriate research topics!
3. select and define appropriate research problem and parameters.
4. prepare a project proposal (to undertake a project)
5. organize and conduct research (advanced project) in a more appropriate manner.
6. write a research report and thesis.
7. write research proposal

COURSE OUTCOMES:

The students will be able to understand:

- To understand the basic framework of research process.
- To understand various research designs and techniques.
- To identify various sources of information for literature review and data collection.
- To develop an understanding of the ethical dimensions of conducting applied research.
- Appreciate the components of scholarly writing and evaluate its quality.

WEEK 1-2:

Module-I Introduction to Research:

What is research, Business research, Definition of research, Types of research, Basics or fundamentals of research, Internal & External Research, Ethics of research.

WEEK 3-4:**Module-II The Hallmarks of Research:**

Purposiveness, Rigor, Testability, Replicable, Precision & Confidence, Objectivity, Generalization, Limitation of research.

WEEK 5-6:**Module-III Steps of Hypothesis – Deductive Methods:**

Observation, Preliminary information gathering, Theory formulation, Hypothesizing, Future data collection, Data analysis, Deduction.

WEEK 7-8:**Module-IV Business Research:**

The internet, electronically mails, Browsers, Web sites.

WEEK 9-10:**Module-V Research Process:**

Define broad problem area, Preliminary data gathering, Problem definition, Theoretical framework, Generation of hypothesis, Research design, Datacollection, Analysis & Interpretation, Deduction, Report writing, Report Presentation, Decision.

WEEK 11-12:**Module-VI Data Collection Methods:**

Sources of data, Primary sources, Secondary sources, Data Collection methods

– Interviewing (Structured / Unstructured) – Questionnaires – Attributes of good questionnaire, Other Methods – Observational surveys – Sampling – Electronicsources

WEEK 13-14:**Module-VII The Research Report:**

Research Proposal, Report, Report Writing, Purpose of the Report, Characteristics of the Report.

WEEK 15-16:**Module-VIII Integral Parts of the Report:**

Title Page Preface Acknowledgment Research Proposal & Authorization letter Executive Summary Table of contents Introduction Section Body of the Report-Final Parts of the Report References Bibliography Appendix Oral Presentation.

RECOMMENDED BOOKS/READINGS:

1. Hult, C.A. Researching and Writing Across the Curriculum, 2nd Ed. California,(1990).
2. Lester, J.D. Writing Research Papers: A Complete Guide, London. (1987).
3. Marius, R. A Short Guide to Writing about History, London. (1989).
4. Sharer, R.J. and Wendy A. Fundamentals of Archaeology, London. (1980),
5. Goode & Hatt, Methods in Social Research, National Book Foundation, Islamabad. (2000).
6. Mali, A. L. Pancholi Kundan, the Fundamentals of Research Methodology, Jaipur, India. (1988).
7. Bahr, C. & Albert, Social Science Research Methods, National Book Foundation, Islamabad. (2000).

SEMESTER-VIII

Course Code	Course Title	Credit Hrs.
TH-451	Major X: Research Project/ Internship/ Two subjects from the elective courses	3+3=06
TH-452	Major XI: Emerging Trends in Tourism and Hospitality	3(3+0)
MGT-453	Major XII: Human Resource Management	3(3+0)
TH-454	Elective III: Destination Branding	3(3+0)
TH-455	Elective IV: Tourism and Peace	3(3+0)
Credit hours		18

TH-451	Major X: Research Project/ Internship	Cr. Hr. 03
---------------	--	-------------------

Course Description:

The main purpose of the research is to evaluate or create exiting understanding, review, and investigate existing situation or problems, find out the appropriate solutions to the problems as well explain new idea and generate scope of further research. The research project/Research Thesis is a document submitted in support of candidature for an academic degree presenting the author's research and findings presenting the author's research and findings. The research project / thesis will be properly documented, bind in a green cover with silver printed information about the topic, intern/researcher, session, supervisor, name of the department.

Course Outcomes:

At the end of this course, the students will be able to recognize the importance of research as a first step in cultural heritage and archeology. It will enable them to translate basic/applied archaeological and tourism issues into appropriate academic research questions. The students will understand the links between the issues being investigated and the method of investigation. They will be able to understand the governing principles in the qualitative and quantitative research traditions.

Course Contents:**Assignment / Project Procedure**

The following information has been selected from the Publication Manual of the American Psychological Association (5th ed.). The full reference is given at the bottom of this page.

Document Format

- Margins set at one inch (top, bottom, left and right)
- Characters should be left justified.
- Font size should be 12 points.
- Indent all paragraphs 5 spaces.
- Lines should be double spaced.
- All charts and graphs should be titled and shown on one page.
- The title page should have title, author, class number and name, and date.
- Pages should be numbered consecutively (top right-hand corner).
- References should follow the APA style (some examples are listed below)

In Body of Text

APA uses author-date method of citation; the last name of the author and the year of publication are inserted in the body of the text at the appropriate point.

example: Smith (1993) described the recreation program as well developed.

example: In a recent study on aging skiers, Smith (1993) organized participant needs.

Note: use (n.d.) if no date is available. Example Jones (n.d.)

Note: use the title of the document if no author is indicated.

References**Journal**

Author last name, first initial, second initial. year of publication. name of article. Name of journal (underlined or italicized), volume number (underlined) number (in parentheses), page numbers. The first line is indented five spaces.

example: Becker, L. A. (1993). The Complex and Dynamic Nature of Leisure Experience. Journal of Leisure Research, 26 (3), 1-7 .

example: Winston, D. E. & Post, I. R. (1994). Leisure Events Planning. Leisure Today, 12(4), 44-57.

Magazine

example: Gardner, H. (1981, December). Risk Management and Liability. Parks and Recreation, 70-76.

Book

example: Ree, I. J. (1994). Recreation Cost and Benefits. New York: McMillan Co.

Newspaper article

example: Jones, M. (2003, January 3). Ecotourism interest drops in third world countries. The Daily Sun, pp. A1, A4.

On-line

example: Author, first initial, (date). Title of article. Name of periodical Retrieved (today's date) from

Specify web path (URL)

Smith, R. R. (1988). Recreation and Tourism Trends. Retrieved October 1, 2003 from <http://www.worldtour/recreation.html>

Note: use n.d. if no date is available.

Note: use the title of the document if no author is indicated. Example:

Recreation and Tourism Trends. (2002). Recreation and Tourism Trends. Retrieved October 1,

2002 from <http://www.worldtour/recreation.html>

Quotations

Double quotations marks are used for all material quoted directly from a source.

example: Smith's (1993) article stated, "Recreation professionals must have outstanding communication

skills" (p.34).

example: She stated, "Writing skills are essential to good communication" (Jones, 1992, p. 22), but she did not describe how to acquire these skills.

Note: Direct quotes over 40 words need to be shown in an indented paragraph.

On-line Sources

Many electronic sources do not provide page numbers (unless they are PDF reproductions of printed material). If paragraph numbers are visible, use them in place of page numbers. Use the ¶ symbol or the abbreviation para.

As Myers (2000) aptly phrased it, "positive emotions are both an end-better to live fulfilled, with."

If there are headings in the document and neither paragraph nor page numbers are visible, cite the heading and the number of the ¶ following it to direct the reader to the location of the quoted material.

"The current system of managed care and the current approach to defining empirically supported treatments are shortsighted" (Beutler, 2000, Conclusion section)

Personal Communication

These may be letters, e-mail, or telephone conversations. These forms of communication are not included in the reference list. Cite personal communications in the body of the text only. Give the Initials and Surname and an exact date of the communication.

example: J. O. Smith (personal communication, Oct. 1, 1995)

example: (J. O. Smith, personal communication, Oct. 1, 1995)

Source: American Psychological Association. (2001). Publication Manual of the American Psychological Association (5th ed.). Washington, DC: American Psychological Association

(ISBN: 1-55798-791-2 pbk)

TH-452	Emerging Trends in Tourism and Hospitality	Cr. Hr. 03
---------------	---	-------------------

COURSE INTRODUCTION & OBJECTIVES:

For the last few years, the tourism industry is witnessing some emerging trends and issues among bulk of tourists, which is resulting in some new developments in the industry itself. It is expected that these upcoming trends will influence the strategy development, business, marketing policies and the tourism planning in the year ahead. This course focuses on the key issues and the forthcoming trends in the tourism and hospitality industry.

The main objectives of the course are:

- Training and education
- Challenges of tourism and hospitality industry
- Crisis and forecasting of tourism & hospitality industry.
- Organization and management (practical issues and current trends in the hotel, catering, and tourism industry)
- Product and food innovation
- Current trends & Tourism

COURSE OUTCOMES:

- Critical review of the key trends in tourism and hospitality sector on local, regional and global levels.
- Deduce key trends through interpreting and critiquing academic theory and current industry practice of the key challenges that the sector faces.
- Concisely advocate and substantiate professional judgments to a variety of audiences through a diagnosis of emerging challenges that may inhibit growth in the sector, proposing creative strategies to combat them exemplifying ethical responsibility and evidence-based decision-making.

WEEK 1-3:

Module-I Overview of World Tourism:

Introduction, Tourism and Hospitality Industry, Trends in Tourism and Hospitality, Looking beyond the short term.

WEEK 4-6:

Module-II Actual Challenges to the Tourism and Hospitality Industry: What is Crisis, how long will the crisis last, how does the crisis reflect on the Tourism and Hospitality Industry, how do Tourism and Hospitality players react, what should the tourism and hospitality industry expect?

WEEK 7-9:**Module-III Financial crisis and Tourism and Hospitality:**

Investment in Tourism and Hospitality as a subject of theory of efficient capital market, Conditions and Interdependencies of the Subprime Crisis for Tourism and hospitality, Facts, Figures and Legacies of Speculation in Tourism.

WEEK 10-12:**Module-IV Forecasting the future of Tourism and Hospitality:**

Introduction – Winning in a Turbulent Era, The Economic Downturn, Scenarios for the Road to Recovery, Key Themes for 2020 in the Hospitality and Tourism Sector, Drivers of Change over the Next Decade, The World in 2030, Technology and Tomorrow's Customer, Travel in 2015 – What Does the Market Think? Building a Future Ready Organization – Practical Actions.

WEEK 13-16:**Module-V The Future of Mobility – Scenarios for the Year 2025:**

Why Are We Looking into the Future of Mobility? Looking into the Future: The Scenario Technique, What Will Our World Look Like in the Year 2025? Scenario “Mobility Calls for Action” – A Look Back from the Year 2025, What Does All This Mean to Our Mobility? – How Mobile Are We in the Year 2025?

Differentiation Beyond Price, Travel Company Media Offerings/Monetizing Downstream Traffic, social media, Metasearch (Travel Search Engines)

RECOMMENDED BOOKS:

1. Trends and issues in Global Tourism by Roland Canardy and Martin Buck, 2010, Springer
2. The future of Hospitality and Travel by Maruim Cetron
3. New Trends in Tourism and Hotel Industry by Atul Saxena
4. Emerging Trends in Tourism by Ashok Aima.

TH-453	Human Resource Management	Cr. Hr. 03
---------------	----------------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

Students are introduced to the management of an organization's workforce through the design and implementation of effective human resources policies and procedures. Topics include the need for human resources management and its growing professionalism; human resource planning including job design and analysis; recruitment and selection; compensation; employee development; workplace health and safety; and employee relations.

- Develop the knowledge, skills and concepts needed to resolve actual human resource management problems or issues.
- Manage the employment relationship, which is a shared responsibility between employers, management, human resources specialists, and employees. Investigate how HRM is responding to current business trends, opportunities, and challenges.
- Identify the human resources needs of an organization or department.
- Conduct a job analysis and produce a job description from the job analysis.
- Evaluate the procedures and practices used for recruiting and selecting suitable employees.
- Assess training requirements and design a successful orientation and training program.
- Discuss workplace health and safety programs and the roles of the employer and the employee in enforcing health and safety policies and procedures.

COURSE OUTCOMES:

- Synthesize information regarding the effectiveness of recruiting methods and the validity of selection procedures and make appropriate staffing decisions.
- Design a training program using a useful framework for evaluating training needs, designing a training program, and evaluating training results.
- Properly interpret salary survey data and design a pay structure with appropriate pay grades and pay ranges.
- Evaluate a company's implementation of a performance-based pay system.
- Demonstrate knowledge of employee benefit concepts, plan design, administrative considerations and regulations governing employee benefit practices.
- Align HR systems with the strategic business objectives of a firm

WEEK 1-2:

Module-I Strategic HRM in a Changing Environment:

What is HRM?, the Activities of HRM, Trends Enhancing the Importance of HRM, Competitive Advantage, Domestic vs. International HR, International HR strategies.

WEEK 3-4:**Module-II The Legal Environment of HRM:**

Equal Employment Opportunity Law, Age Discrimination Law, Disability Law, Harassment Law, Future Trends in EEO.

WEEK 5-6:**Module-III Work Analysis & Design:**

What is Work Analysis? What are the Major Goals of Work Analysis? Most useful Work Analysis Methods How to choose the Best Work Analysis Method

WEEK 7:**Module-IV HR Planning, Recruitment and Selection:**

Effective HR Planning, the Recruitment Function (HRP in Action, Selection Methods, Application Blanks and Biographical data, Reference and Background Checks, Personnel Testing, Performance Testing, Interviews

WEEK 8:**Module-V Performance Management and Appraisal:**

How do we define and Why Measure Performance? Legal Issues Associated with Performance Appraisals, Designing an Appraisal System, Methods of Delivering Performance Feedback.

WEEK 9:**Module-VI Training & Development:**

Need Assessment, Development of the Training Program, Evaluation Special Training Programs.

WEEK 10:**Module-VII Direct & Indirect Compensation:**

Direct Compensation: Wage & Salary, the Traditional Approach to Compensation.
Indirect Compensation: Employee Benefits, Communicating the Benefits Program
International Compensation Managerial Implications for PFP Program.

WEEK 11-12:**Module-VIII Pay for Performance:**

Determinants of Effective PFP, Main Problems with PFP, Legal Implications of PFP. Individual PFP Plans: Merit pay & Incentive System, Group Incentive Plans, Managerial and Executive Incentive Pay.

WEEK 13-16:**Module-IX Employee Health & Safety:**

Common Workplace Injuries & Diseases, Legal Issues Related to Health & Safety, Programs to Reduce Accidents at Work.

RECOMMENDED READINGS:

1. Human Resource Management An Experiential Approach H. JohnBernardin
2. William B. Werther & Keith Davis: Human Resource & Personnel, McGraw-Hill.
3. Bernardin & Russell: Human Resource Management McGraw Hill. 73
4. Fred Luthans: Organizational Behavior. McGraw Hill.
5. Robert Kreitner & Angelokinicki: Organizational Behavior, IRWIN
6. Human Resource Management by- David A. Decenzo, Stephen P. Robbins
7. James C. Vanhorne: Fundamentals of Financial Management
8. Eugene F. Brigham: Fundamental of Financial Management
9. Garry Dessler, Human Resource Management.
10. Dale S. Beach, Personnel The Management of people at work.
11. Holden, Human Resource Management.

TH-454	Destination Branding	Cr. Hr. 03
---------------	-----------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

Ferrari, iPod Nano, Toyota, Nike, Khaadi, HSY, Marriott, Pearl Continental, Lipton, Samsung, Imperial, Bata, Service, etc. These are just some of the names which conjure up strong images and feelings. We love to love them, or love to hate them. They are strong brands because they have resonance in the mind of the consumer.

This course introduces you to brands by allowing you to stand in the shoes of the Brand Manager. The course objectives are twofold:

1. To understand the theoretical concepts underlying successful brands.
2. To apply those concepts to real brands.

COURSE OUTCOMES:

Upon completion of this course students will be able to:

- Dismantle a brand and evaluate its intrinsic and extrinsic components.
- Suggest routes for brand development on large and small budgets.

- Critically assess brand naming strategies
- Critique product, packaging and logo design.
- Evaluate the role of advertising and media in brand development.
- Describe brand portfolio management strategies.
- Present routes for brand extension and growth.
- Critically assess strategies for brand recovery.
- Relate concepts presented in branding literature to real-world brands.

COURSE CONTENTS:

WEEK 1-4:

Module-I

Global context, Global Trends, Travel Motivations, Technological Change, Competitive environment, Types of brands, Product brand, service brand, destination brand, place brand, Thematic brand, geographical brand, from destination to place, branding in digital age.

WEEK 5-8:

Module-II

Branding objectives, Brand positioning, branding process, destination audit, segmentation analysis, Consumer perception research, Competitor analysis, brand building process and models, understanding visitor vs non-visitor, brand architecture, Challenges.

WEEK 9-12:

Module-III

Bringing the brand to life, applying brand value, brand guidelines, the logo: brand essence or symbol, slogans and straplines, living the brand value, creative branding, main steps in developing brand.

WEEK 13-16:

Module-IV

Managing the brand, brand manager, steering group, brand champions, brand advocates, brand seminars, Keeping the brand fresh, branding measuring, brand tracking surveys, online panel surveys, bench marking surveys, omnibus style surveys, visitor satisfaction surveys, monitoring media coverage, branding strategies, implementing the brand, critical success factors and the future

RECOMMENDED BOOKS:

1. Riezebos, R. (2003) Brand Management, London: Financial Times-Prentice Hall.
2. Brassington, F. and Pettitt, S. (2006) Principles of Marketing 4th Edition. London: Financial Times-Prentice Hall.
3. de Chernatony, L. & McDonald, M. (2003) Creating Powerful Brands, London: Butterworth Heinemann.
4. Klein, N. (2001) *No Logo*, London: Flamingo Press.
5. Asworth, G. J and Goodal, B. (eds) (1990) Marketing Tourism places. Routledge London.
6. Carmen, B, Stuart, E. I and Ritchie, J.R.B (2005) Destination branding: Insights and practices from destination management organizations.
7. Katrin, B, (2005) Tourism destination marketing- A tool for destination management? New Zealand
8. Pike, S, (2004) Destination Marketing Organisation. Elsevier

TH-455	Tourism and Peace	Cr. Hr. 03
---------------	--------------------------	-------------------

COURSE INTRODUCTION & OBJECTIVES:

With over one billion tourists travelling the world every year, tourism has become a worldwide social and cultural phenomenon that engages people of all nations as both hosts and guests. The fundamental experience of tourism – visiting a new place and meeting its people and culture – is a transformative aspect that defines tourism's role as an agent of peace. Never have people travelled so widely, nor encountered such a wide variety of cultures. These connections spur dialogue and exchange, break down cultural barriers and promote the values of tolerance, mutual understanding, and respect. In a world constantly struggling for harmonious coexistence, these values espoused by tourism are integral to building a more peaceful future. Indeed, peace is the cornerstone of travel and tourism, and essential to social growth and development.

COURSE OUTCOMES:

Trust-building between different stakeholders:

- Forward-looking and constructive cooperation between participants
- Innovative solutions to existing economic or social challenges
- A higher quality, and broader acceptance, of decisions
- Ownership of and commitment to implementing agreed-upon results
- Collective responsibility for change
- Sustainable outcomes
- Long-lasting cooperative structures
- Focusing on the contribution to the common cause
- Being open to iterative learning

- Respecting legitimacy

COURSE CONTENTS:

WEEK 1-4:

Module-I Tourism Ethics and Peace:

Peace Sensitive Tourism: How Tourism Can Contribute to Peace. Peace Tourism. Cornerstones for a Better World: Peace, Tourism and Sustainable Development.

WEEK 5-8:

Module-II Tourism, Development and Peacebuilding:

Responsible Tourism and Development in the Context of Peace-Building Understanding Economic Effects of Violent Conflicts on Tourism Religious Tourism – Business for Peace in the Holy Land. Tourism, Democracy and Conflict Resolution.

WEEK 9-12:

Module-III Tourism, Democracy & Conflict:

Tourism as a Force for Political Stability. War and Peace – and Tourism in Southeast Asia. Peace Sensitivity in Tourism Codes of Conduct at Destinations in Conflict the Role of the Tourist Guide in Promotion of Dialogue between Civilizations Mainstreaming Sustainability through Peace-Building at Large-Scale Tourism Events.

WEEK 13-16:

Module-IV Culture, Heritage and Education:

Tourism as Peace Education: A Role for Interpretation Peace as a Destination: Peace Tourism around the World. Peace through Tourism: An Historical and Future Perspective

RECOMMENDED BOOKS:

1. Tourism, Progress and Peace by Omar Moufakkir (Editor), I. Kelly.
2. Peace Through Tourism: Promoting Human Security Through International Citizenship by Lynda-ann Blanchard, Freya Higgins-Desbiolles.
3. International Handbook on Tourism and Peace by UNWTO.

Uni.Opt/ Elective-05	Archaeology of Swat	Cr. Hr. 03
-----------------------------	----------------------------	-------------------

Course Description:

The present districts of Swat and its surrounding regions remained a favorite abode for human beings since the time memorable. The Swat valley was a flourishing center of Buddhism as attested by the remains of numerous Buddhist establishments which still stand in different localities while the antiquities recovered from their excavations by the Pakistani and foreign archaeologists are preserved in the Swat Museum Saidu Sharif and the Italy Museum, Rome.

Course Outcomes:

The study of Swat archaeology will provide an opportunity to the students to learn about the history of the arrival of Buddhism and its spread to different countries of the world such as China and Central Asian states. Moreover, the history of the beginning of archaeological research in the Swat valley and the contribution carried out by the Pakistan and foreign archaeologists, particularly the members of the Italian Archaeological mission to Pakistan will also study in detail.

Course Contents:

WEEK 1-4:

Module - 1: History of archaeology of Swat in pre partition time

- Beginning of Archaeology in South Asia and the Establishment of the Asiatic Society in 1784
- Early Archaeological investigation in Gandhara from 1830-1840
- Archaeological discoveries in Swat (1840-1890)
- Archaeological Survey and excavations of Buddhist establishments at Swat (1890-1921)
- Archaeological Survey and excavations of Buddhist establishments at Swat (1926-1940)

WEEK 5-8:

Module - 2:

- Shifting paradigms in the research, from the '60ies to the present:

- Contributions of the Italian Archaeological Mission to Swat (1956 till present)
- Excavations and Explorations carried out by the Department of Archaeology and Museums, Government of Pakistan
- Contributions of the department of Archaeology, University of Peshawar (1980-1995)
- Contributions of The Directorate of Archaeology and Museums, Government of Khyber Pakhtunkhwa

WEEK 9-12:

Module - 3: Important Archaeological sites and Monuments in Swat Region

- Ghalegay Rock Shelter, Aligrama, Loebanr
- Andan Dheri, Chatpat, Damkot
- Nimogram, Barikot Ghondai, Abashaib China, Toker Dara, Amlokdara, Balo Kaly Gumbat
- Shingarda stupa, Butkara I, Butkara III, Saidu Sharif
- Rajagira castle, Ora Bazar and Ghaznavid Mosque at Odigram
- Rock Carvings and rock paintings

WEEK 13-16:

Module - 4: Practical

- Visits to the nearby Archaeological sites and monuments as well as Swat Museum
- Participation in the archaeological field work such as excavation, exploration, and conservation etc.

Recommended Readings:

Update with Italian Bibliography

1. Abbot, J. (1854). Gradus ad Aornon. Journal of the Asiatic Society of Bengal, 309-63.
2. Ashraf Khan, M. (2011). Research and Excavations in Swat: The Pakistani Contribution. Journal of Asian Civilizations, Vol. 34, No.1, 355-60.
3. Beal, S. (1884). Si-Yu-Ki. Buddhist Record of the Western World, Vol. 1. London: Trubner & Co.
4. _____ (1888). The Life of Hiuen-Tsang. London: Trubner & Co.

5. Burger, E., & Wright, P. (1985 (Rep). Excavations in Swat and Explorations in the Oxus Territories in Afghanistan. Asian Arts & Archaeology, Series No-1, 1-67.
6. Churchill, W. L. (1898). The Story of the Malakand Field Force: An Episode of Frontier War. London: Longmans, Green , and Co.
7. Court, M. A. (1840). Collection of Facts which may be useful for the Comprehension of Alexander's Exploits on the Western Banks of the Indus (with map). Journal of the Asiatic Society of Bengal, Vol. VIII, 304-13.
8. Cunningham, A. (1871). The Ancient Geography of India. London: Trubner & Co.
9. Dani, A. H. (1967). Timargarha and the Gandhara Grave Culture. Ancient Pakistan, Vol. III, 1-407.
10. _____(1968-69). Excavation at Andandheri. In A.H. Dani, ed., Chakdara Fort and Gandhara Art. Ancient Pakistan, Vol. IV, 33-64.
11. _____ (1968-69). Excavation at Chatpat, In A.H. Dani, ed., Chakdara Fort and Gandhara Art. Ancient Pakistan, Vol. IV, 65-102.
12. Enriquez, C. M. (1910). The Pathan Borderland. Simla: Thacker, Spink and Co.
13. Faccenna, D. (1962). Mingora Site of Butkara I. In Reports of the Campaigns 1956-1958 in Swat (Pakistan. Report and Memoirs. Vol.1. Italy: Insituto Poligrafico dello stato P.V.
14. Faccenna, D., & Taddei, M. (1964). Sculptures from the Sacred Area of ButkaraI (Swat, W. Pakistan), Vol. II, Part. 2 & 3. Italy: Instituto Poligrafio dello Stato P.V.
15. Fergusson, J. (1910). History of Indian and Eastern Architecture, Vol. 1. London: John Murray.
16. Khan, F. (1992). Recent Discoveries from the North-West Frontier, Pakistan. South Asian Studies, Vol. 8, 67-79.
17. Khan, F. (1990). Fresh Evidence of Early Buddhist Sculptures from Gandhara. Ancient Cylon, Vol. 4, , 171-73.
18. Khan, S. (1995). Priliminary Report of Excavations at Marjanai, Kabal, Swat. Ancient Pakistan, Vol. XI, 1-74.
19. Legge, J. (1886). A Record of Buddhistic Kingdoms: Being an Account by the Chinese Monk Fa-Hien . Oxford: Clarendon Press.
20. Luders, H. (1901). A Buddhist Inscription in Swat. Journal of the Royal Asiatic Society of Great Britan and Ireland, 575-76.
21. Garrick, H. B. (1885). Archaeological Survey of India: Report of a Tour through Behar, Central India, Peshawar and Yusufzai, Vol. XIX, Calcutta: Government Press
22. Imperial Gazetteer of India, 1908: Provincial Series, North-West Frontier Province, Calcutta: Government Press

23. Masson, C. (1844). Narrative of various Journeys in Balochistan, Afghanistan, the Panjab, & Kalat, Vol. 1, London: S & J. Bently Publishers
24. Nasim Khan, M. (2010). Wima Takto-One or Two? Archaeological and Numismatics Evidence from Gandhara. Gandharan Studies, Vol. 4, Printographs.
25. Nasim Khan, M. (2010). The Sacred and the Secular: Investigating the unique stupa and settlement site of Aziz Dherai, Peshawar valley, NWFP, Pakistan, Vol.1 . Peshawar. Printograph, Pakistan.
26. Olivieri, L. (2011). Bibliography (1940-2011), IsMEO/ IsIAO Activities and Research in Northern Pakistan. Journal of Asian Civilizations, Vol. 34, No.1, 355-60.
27. Rahman, A. (1968-69). Excavation at Damkot, in A.H. Dani, ed., Chakdara Fort and Gandhara Art. Ancient Pakistan Vol. IV, 103-250.
28. _____ (1991). Butkara III: A Preliminary Excavation Report. Ancient Pakistan, Vol. VIII, 152-63.
29. _____(1993). Shnaisha Gumbat: First Preliminary Excavation Report. Ancient Pakistan, Vol. VIII, 1-124.
30. _____ (2011). A Walk Through Gandhara. Proceedings of the International Workshop on Gandharan Cultural Heritage, Vol. 1 (pp. 17-27). Islamabad: Taxila Institute of Asian Civilizations Quaid-i-Azam University, Islamabad, Pakistan.
31. Rapson, E. (1901). Impressions of Inscriptions Received from Captain A.H. MacMahon, Political Agent for Swat, Dir and Chitral. Journal of the Royal Asiatic Society of Great Britain and Ireland, 291-94.
32. Raverty, H. (1863). An Account of Upper and Lower Suwat, and the Kohistan, to the Source of Suwat River; with an Account of the tribes inhabiting those, Valleys. Journal of the Asiatic Society of Bengal, Vol. XXXI, No. I To V, 227-81.
33. _____ (1865). An Account of Upper Kash-kar, and Chitral, or Lower Kash-kar, together with the Independent Afghan State of Panj-Korah, including Tal-ash. Journal of the Asiatic Society of Bengal, Vol. XXXIII, No. I, to V, 125-51.
34. _____(1878 (Rep 1976). Notes on Afghanistan & Baluchistan. Quetta: Gosh-e-Adab.
35. Stein , A. (1929 (Rep. 2006). On Alexander's Tracts to the Indus. London: Macmillan and Co., Limited.
36. _____ (1899 (Rep 1985). Detailed Report of an Archaeological Tour with the Buner Field Force. Indian Antiquary, Vol XXVIII, 14-28, 33-46, 58-64.
37. _____ (1899). Notes on Inscriptions from Udyana, Presented by Major Dean. Journal of the Royal Asiatic Society of Great Britain and Ireland, 895-903.

38. _____ (1921). Serindia: Detailed Report of Explorations in Central Asia and Westernmost China, Vol. 1. Oxford: Clarendon Press.
39. _____(1930 (Rep 1991). An Archaeological Tour in Upper Swat and Adjacent Hill Tracts. Memoir of the Archaeological Survey of India, Vol. 42, , 1-115.
40. _____ (1942). From Swat to the Gorges of the Indus. The Geographical Journal, Vol. 100, No. 2, 49-56.
41. Swati, M. (1997 (Rep 2007). Special Features of the Buddhist Art in the swat Valley. Ancient Pakistan, Vol. XVIII, 105-57.
42. _____ (1997). Pre-Kushana Reliquaries from Pataka, Swat. Journal of the Royal Asiatic Society of Great Britan and Ireland, Third Series, Vol.7 No.2, 249-55.
43. _____(1998). The Indus-Oxus School of Buddhist Art. The Glory that was Pakistan, Vol.1, 27-36.
44. Taddei, M. (2003). Buddha E Apollo, in G. Verardi and A. Filligenzi, ed., In Maurizio Taddei ,On Gandhara Collected Articles, Vol. 1. Napoli: University degli di Napoli.
45. Tucci, G. (1958). Preliminary Report on an Archaeological Survey in Swat. East and West, Vol. 9. No. 4, 279-328.
46. Watter, T. (1904). On Yuan Chwang's Travels in India. London: Royal Asiatic Society.

Uni. Opt/ Elective-06	World Heritage Sites	Cr. Hr. 03
------------------------------	-----------------------------	-------------------

Course Description:

This course explores the concept of world heritage and the listed world heritage sites of Pakistan as well as some other countries. The course also introduces students to different UNESCO charters and the criteria for enlisting as World Heritage Site.

Course Outcomes:

After completion students will be able to understand the concepts and process involved in selection of any heritage sites on World Heritage list. The students will be able to identify all the sites that are declared as world heritage sites in Pakistan as well as in South Asia.

Course Contents:

WEEK 1-4:

Module-1: Introduction

- What is heritage?
- Cultural heritage
- Natural heritage
- World heritage institutions

WEEK 5-8:

Module-2: Charters and Criteria

- UNESCO/ ICOMOS charters
- Criteria of world heritage sites

WEEK 9-12:

Module-3: Sites in South Asia

- World heritage sites
- World heritage sites in Pakistan and India.

WEEK 13-14:

Module-4: Other important Sites (3 from each continent)

- Asia
- Africa
- North Americas
- South America
- Australia
- Europe

WEEK 15-16:

Module-5:

- Visit and reports of any world heritage Sites of Pakistan
- A case study of World Heritage Sites in Pakistan

Recommended Readings:

1. World Heritage Sites: A Complete Guide to 911 UNESCO World Heritage Sites by UNESCO
2. World Heritage Sites: A Complete Guide to 890 UNESCO World Heritage Sites by UNESCO
3. Treasury of World Culture: Archaeological Sites and Urban Centers UNESCO World Heritage (v. 1)
4. Monumental Sites: Treasury of World Culture Series UNESCO World Heritage (v. 2)
5. 1001 Natural Wonders You Must See Before You Die: UNESCO Edition by Michael Bright and Koichiro Matsuura (Aug 1, 2009)
6. Managing World Heritage Sites by Anna Leask and Alan Fyall (Jun 28, 2006)
7. World Heritage Sites of UNESCO: Vol. 2 (World Heritage Sites/UNESCO 2) by Marco Cattaneo (Nov 6, 2003)
8. World Heritage Sites of China by Cao Nanyan and Claire Welch (2007)

Uni. opt/ Elective-07	Provincial Cultural Heritage	Cr. Hr. 03
------------------------------	-------------------------------------	-------------------

Course Description

This course is designed to acquire the knowledge about the basic concepts of provincial cultural heritage in Pakistan. This will help the students to get knowledge about the significance and scope of cultural heritage of the Khyber Pakhtunkhwa Province of Pakistan.

Course Outcomes:

After completion of this course, students will be able to understand the rich cultural heritage of the Khyber Pakhtunkhwa province. They will also visit to the different Archaeological sites and

monuments of the province to know about the unique and rich cultural heritage of Khyber Pakhtunkhwa

Course Contents:

WEEK 1-3:

Module 01

Introduction to Cultural Heritage

Diverse Heritage of Khyber Pakhtunkhwa

Module 02

WEEK 4-6:

Prehistoric and Proto Historic Period Heritage

- Ghalegai Cave, Tangonawo Smast, Butkara II, Loe Banr, Gogdara Rock carvings,

WEEK 7-9:

Module-03:

The Historic Period Heritage

- Cultural profile of Bala Hisar Mound Charsadda, and Barikot (the ancient Bazira site of Swat),

WEEK 10-12:

Module-04:

The Buddhist and Hindu Period Heritage

- Buddhist sites of Takht-i-Bhai, Jamal Garhi, Sahri Bahlol, Ranigat, Aziz Dheri, Julian, Bhamala, Buddhist Road of Shahkot and Malakand, Kashmir Smast, Hindu Temples of Kafir Kot, Hindu Temples of Peshawar, Gandian Temple Mansehra, Raja Gira Castle

WEEK 13-14:

Module 05:

The Muslim Period Heritage

Shaikh Qutb-ad-Dīn's Tomb at Dalazāk, Mughal Sarai at Gor Khuttri, Bara Bridge, Azakhail Bowli, Hund fort, Durrani graveyard at Kohat, Sethi House Peshawar Wooden Architecture of Dir, Swat

WEEK 15: **Module 06:**

The Sikh and British Period Legacy. Sikh Gurudwaras of Peshawar, Bala Hisar fort, Islamia College, Peshawar Museum, Malakand hydropower tunnels, Churches of Peshawar, Mardan and Abbottabad.

WEEK 16: **Practical**

Visits to different Museums of Khyber Pakhtunkhwa

Visits to Heritage monuments and sites of Khyber Pakhtunkhwa

Recommended Readings:

1. Ashraf Khan. M. & Mahmood-ul-Hassan (2010). A New Discovery in the Taxila Valley: Archaeological Excavations at the Buddhist Monastery of Jinan Wali Dheri, *Gandhāra the Buddhist Heritage of Pakistan: Legends, Monasteries, and Paradise*, 302-307
2. Bagnera. A. (2006). Preliminary Note on the Islamic Settlement of Udegram, Swāt: The Islamic Graveyard (11th -13th Century A.D), *East & West*, Vol. 56, No. 1/3, 205-228
3. Behrendt. K. (2004). *The Buddhist Architecture of Gandhāra*, Leiden: Brill Publishers
4. Bellew. H.W. (Rep 2001). *A General Report on the Yusufzai*, Lahore: Sang-e-Meel Publications. First published in 1864
5. Bivar. A. D.H. (1996). Zar-Ḍheri: An Unrecorded Gandhāra Stūpa and a Possible Provenance, *South Asian Studies*, Vol. 12, 139-45
6. Callieri et al (2000). Bir-Kot- ghwandai, Swat, Pakistan. 1998-1999 Excavation Report, *East and West*, Vol.50, No. 1/4, 191-226
7. Dani, A.H. (2002). Peshawar Historic City of the Frontier. Sang-e-Meel Publications, Lahore.

8. Errington. E. (1987a). *The Western Discovery of the Art of Gandhāra and the Finds of Jamal Garhi*, Ph.D. Thesis submitted to the School of Oriental and African Studies, University of London
9. Hargreaves. H. (1910-11). Excavations at Takht-i-Bahi, *Archaeological Survey of India. Annual Report 1910-11*, 33-45
10. Khan. A.N. (1991). *Development of Mosque Architecture in Pakistan*, Islamabad: Lok Virsa Publishing House
11. Khan. Z. et al. (2012). A Note on the Archaeological Significance of Hund, *Putaj*, Vol.19, 77-92
12. Marshall. J. (1918). *A Guide to Taxila*, Calcutta: Government Printing
13. Meister. M. W. (2010). *Temples of the Indus*. Studies of the Hindu Architecture of Pakistan, Boston
14. Mizuno. S and Higuchi. T (Edited 1978). *Thareli Buddhist site in Pakistan Surveyed in 1963-67*, Dohosha: Publication of the Kyoto University Scientific Mission to Iranian Plateau
15. Nasim Khan. M. (2006). *Treasures from Kashmir Smast (The Earliest Śaiva Monastic Establishment)*, Peshawar: New Awan Printers
16. Nasim Khan. M. (2010a). *The Sacred and the Secular: Investigating the Unique Stūpa and Settlement site of Aziz Dheri, Peshawar Valley, Khyber Pakhtunkhwa, Pakistan*, Vol. 1, Peshawar: Printograph Publishers
17. Olivieri. L. M. (2014). *The Last Phases of the Urban Site of Bir-Kot-Ghwandai (Barikot) The Buddhist Sites of Gumbat and Amluk-Dara (Barikot)*, Lahore.
18. Rahman, A. (1981). 'Shaikh Imam Al-Din and his tomb at Palosai Piran', The Proceedings of the Hijra Celebration Symposium on Islamic Art, Calligraphy, Architecture and Archaeology, Vol. I. Publication of the Department of Archaeology, University of Peshawar.
19. Rahman. A. (1979). *The Last Two Dynasties of the Śāhis*, Islamabad: Quai-i-Azam University
20. Rahman. A. (1989). Ghaznavid Remains in the N.W.F. Province, *Central Asia*, No.24, Summer, 85-93

21. Shah. I. (2002). Discovery of the Remains of the Mughal Period Bridge on the Zinda'i Stream: The Provenance of the So-called Bara Bridge Inscription, *Ancient Pakistan* Vol. XV, 27-35
22. Shah. I. (2002). The Mahabat Khan Mosque Peshawar: History and Architecture, *The Journal of Humanities and Social Sciences*, Vol. X :II, 13-24
23. Shah. I. (2007). *Hindu Art in Pakistan: A Study based on Museum collection*, Ph.D. Thesis (Unpublished), Submitted to the Department of Archaeology, University of Peshawar
24. Shah. I. (2010). A Short Survey of Hindu Temples in Peshawar, *South Asian Studies*, 24:1, 119-132
25. Shah. I. (2013). The Śaiva Temple at Gāndhiyān (near Mānsehra): Some Connected Problems *South Asian Studies*, 29:2, 229-240
26. Shah. I. (2016). Hindu Iconography in the Gor Khatri Temple (Peshawar): Sacred Imagery painted in the Saiva Shrine, *South Asian Studies*, 32:2, 185-198
27. Shakirullah (2012). Tomb Architecture in the Khyber Pakhtunkhwa Province of Pakistan: An Analytical Study. PhD Dissertation submitted to the Institute of Archaeology & Social Anthropology, University of Peshawar.
28. Spooner. D.B. (1909). Excavations at Sahribahlol, *Archaeological Survey of India. Annual Report 1906-7*, 102-18
29. Yoshihide. K. et.al. (2011). *Zar Dheri Archaeological Excavation of an Ancient Buddhist Site in Pakistan*, Tokyo: Publication of the Tokyo National Museum, Japan

Agenda item No.02

Scheme of Studies for BS (4 Years, 8 Semesters Program) in Archaeology for the Session 2023-27 onwards.

Introduction:

The concept of the exploration and documentation of the Archaeological Assets of Indo-Pakistan took its roots in 18th century. With the passage of time the Archaeological Survey of India was established in 1861, and until 1947, the said institute made tremendous progress in the development of Archaeology as an attractive subject. After the independence of Pakistan, the subject of Archaeology was included in the academic discipline to be taught in colleges and University level. As the Swat valley is dotted by archaeological remains ranging from the prehistoric time to early Islamic era, therefore, the University of Swat decided to launch BS degree program in this discipline with the following objectives.

Program Objectives

9. To prepare skilled professionals in the fields of Archaeology and Cultural Heritage Management who can cope with the newly arising issues related to these fields.
10. To equip students with the advance skills required for the protection and promotion of cultural and resources of the region.
11. To prepare professionals with diverse skills who can work in future as policy makers and as young entrepreneurs.
12. To integrate cultural heritage sector in tourism industry for developing the area as an Archaeological tourism destination.
13. To enable students to demonstrate their knowledge, skills and communicate ideas in an effective manner.
14. To acquire the necessary competency in exploration, documentation, excavation and conservation of the Archaeological sites and monuments of Pakistan.
15. To assist students in human resources development by providing advance and updated knowledge in the field of archaeology.
16. To enable them to handle the legal issues related to the Cultural Heritage in the light of national and international Charters.

Elements of the Strategic Plan to Achieve Program Objectives

8. Advance courses and curriculum designed according to the latest market trends in the degree program will help in preparing professionals capable of coping with the newly arising national and international issues in the field of Archaeology and Cultural Heritage
9. Conservation and field-oriented courses with the regional knowledge,
10. Courses on preservation, protection and promotion of archaeological sites and monuments.
11. Detail study of the issues related to cultural heritage.
12. Field visits to the archaeological sites and Museums of Pakistan
13. Participation of students in workshops, seminars, excavation and preservation projects
14. Practical knowledge in the courses along with the co-curricular activities
15. Practical exposure along with discussion on case studies and task oriented work will enable the students to acquire the required competency in the field of Archaeology.
16. The theoretical and practical framework of the courses in the program will provide the well-equipped and technically prepared human resource.
17. Conservations and preservation related courses along with Management skill will prepare the students to handle all sorts of cultural assets related issues in a professional way.
18. Detail study of cultural heritage laws and charters will enable the students to tackle any sort of legal issues that may arise during their field work.

Learning Outcomes:

10. After the completion of this degree program, the students will be able to understand the basic concepts of Archaeology and Cultural Heritage of Pakistan.
11. Students will be able to protect and promote cultural and natural resources of the region.
12. Students will be able to identify and decipher the ancient text written on old coins, birch barks carved and inscribed on stone slabs, pottery and rocks and boulders.
13. The students will also learn about the ancient art and architecture of the country.
14. Students will be capable to understand the early Islamic period art, architecture, Numismatics and epigraphy.
15. The students will also learn about the importance of Museology and Museum related knowledge.
16. During the study, the students will be able to carry out major research projects, explorations and excavations.

17. After completion of the degree program students will be able to seek employment in colleges and universities as well as Directorates of Archaeology and Museums.

HIGHER EDUCATION COMMISSION OF PAKISTAN (HEC) STANDARDIZED TEMPLATE / SCHEME OF STUDIES FOR FOUR-YEAR INTEGRATED CURRICULA FOR BACHELOR'S DEGREE IN BASIC, SOCIAL, NATURAL AND APPLIED SCIENCES (REVISED IN 2016).

STRUCTURE

Sr. No	Categories	No. of courses Min – Max	Credit Hours Min – Max
1.	Compulsory Requirement (No Choice)	9 – 9	25 – 25
2.	General Courses to be chosen from other departments	7 – 8	21 – 24
3.	Discipline Specific Foundation Courses	9 – 10	30 – 33
4.	Major Courses including research project / Internship	11 – 13	36 – 42
5.	Electives within the major	4 – 4	12 – 12
	Total	40 – 44	124 – 136

- Total numbers of Credit hours 124-136
- Duration 4 years
- Semester duration 16-18 weeks
- Semesters 08
- Course Load per Semester 15-18 Cr hr
- Number of courses per semester 4-6 (not more than 3 lab / practical courses)

LAYOUT

Compulsory Requirements (the student has no choice)		General Courses to be chosen from other departments		Discipline Specific Foundation Courses	
9 courses		7-8 courses		9-10 courses	
25 Credit hours		21-24 Cr. Hours		30-33 Credit hours	
Subject	Cr. Hr	Subject	Cr. hr	Subject	Cr. hr

10. ENGLISH I	3	1. Introduction to Anthropology	3	1. Introduction to Archaeology	3
11. ENGLISH II		2. Fundamentals of Geography	3	2. Ancient History of South Asia	3
12. ENGLISH III		3. Basic Geology	3	3. Archaeological Heritage of Pakistan	3
13. English IV/ Univ. Optional *	3	4. Introduction to Zoology	3	4. Stone Age Cultures of Pakistan	3
14. PAKISTAN STUDIES		5. Fundamentals of Botany	3	5. Bronze Age Cultures of Pakistan	3
15. ISLAMIC STUDIES/ETHICS		6. Basic Chemistry	3	6. Ancient Religions of Pakistan and India	3
16. MATHEMATICS I		7. Computer Applications	3	7. Field Archaeology	3
17. MATHEMATICS II/ Univ. Optional **	3	8. Introduction to History	3	8. Museum Studies	3
18. INTRODUCTION TO COMPUTER	3	***		9. Cultural Tourism in Pakistan	3
	2			10. Growth of Archaeology in South Asia	
	2				
	3				
	3				
	3				
	25		24		30

Major courses including research project/Internship		Elective Courses within the major	
11-13 courses		4 courses	
36-42 Credit hours		12 Credit Hours	
Subject	Cr. hr	Subject	Cr. hr
13. Physical Anthropology	3	(Any four of the courses may be opted from the following elective courses)	3
14. Ancient Civilizations	3		
15. Indus Civilization	3		
16. Muslim History of South Asia	3		
17. Cultural Anthropology	3		
18. Archaeological Conservation		1. Gandhara Civilization	
19. Muslim Art: Calligraphy,		2. Provincial Cultural Heritage	

Painting and Minor Arts & Crafts	3	3. Rock Art of Pakistan	3
20. Muslim Architecture of Pakistan and India	3	4. Ancient Art and Architecture of Pakistan and India.	3
21. Research Methodology	3		3
22. Numismatics of Pakistan and India	3		
23. Research Project/Internship-I	3		
24. Research Project/Internship-II	3		
25. Paleography and Epigraphy of Pakistan and India	3		
	3		
	6		
	42		12

Total Credit Hours: 124-136

* University has the option to recommend any other course in lieu of English IV

** University may recommend any other course in lieu of Mathematics – II

*** University may recommend the courses in the category of general courses from Humanities, Social & Biological Sciences.

Note: Elective courses may be developed and offered by the concerned universities according to their specialties.

Scheme of Studies adopted in the University of Swat

The following scheme of Studies is adopted for the BS Archaeology Degree Programme, at the Institute of Cultural Heritage, Tourism and Hospitality Management (hereafter ICHTHM), University of Swat for the Session 2022 (3rd batch) onwards. The current scheme is taken from the HEC Revised Curricula 2016, with some modifications as per the requirements of this Institute.

Eligibility Criteria:

Admission Criteria	Course Title	Duration	Mode	Total No. of Cr. Hrs
For obtaining admission in BS (4 year) Archaeology student must have FA/F.Sc. or Equivalent with minimum 45% marks.	BS (4 Year) Archaeology	04 years	Semester System	130

List of Compulsory Subject (The student has no choice)
09 Courses =25 Credit Hours

S. No	Subject Name	Credit Hours
10.	Functional English (English-I)	03
11.	Writing & Presentation Skills (English II)	03
12.	Communication Skill (English-III)	03
13.	English IV/ Univ. Optional *	03
14.	Pakistan Studies	02
15.	Islamic Studies / Ethics	02
16.	Mathematics-I/ Stats-I	03
17.	Mathematics-II/ Stats-II/ Univ. Optional	03
18.	Introduction to Computer	03
Total Credit Hours= 25		

List of General Subjects taken from other Departments (07-08 Courses)

S. No	Subject Name	Credit Hours
1	Introduction to Sociology	03
2	Introduction to Psychology	03
3	Fundamentals of Geography	03
4	Archaeological Conservation	03
5	Introduction to Tourism and Hospitality	03
6	Folk Heritage of Pakistan	03
7	Geographic Information System and Remote Sensing	03
Total Credit Hours= 21		

List of Discipline Specific Foundation Courses (09-10 Courses)

S. No	Subject Name	Credit Hours
10.	Introduction to Archaeology	03
11.	Ancient History of Pakistan and India	03
12.	Archaeological Heritage of Pakistan.	03
13.	Stone Age Cultures of Pakistan	03
14.	Bronze Age Culture of Pakistan	03
15.	Ancient Religions of Pakistan and India	03
16.	Field Archaeology	03
17.	Museum Studies	03
18.	Cultural Tourism in Pakistan	03
Total Credit Hours= 27		

List of Major Courses including research project / Internship (11-13)

S. No	Subject Name	Credit Hours
1	Physical Anthropology	03
2	Ancient Civilizations	03
3	Indus Civilization	03
4	Cultural Heritage Management	03
5	Muslim History of South Asia	03
6	Cultural Anthropology	03
7	Provincial Cultural Heritage	03
8	Muslim Art: Calligraphy, Painting, Minor Arts & Crafts	03

9	Muslim Architecture of Pakistan and India	03
10	Research Methodology	03
11	Numismatics of Pakistan and India.	03
12	Paleography and Epigraphy of Pakistan and India	03
13	Research Project / Internship/ two additional courses from the list of Elective Subjects	06
Total Credit Hours= 42		

List of Elective within the Major Subjects of Archaeology

S. No	Subject Name	Credit Hours
5.	Gandhara Civilization	03
6.	Provincial Cultural Heritage	03
7.	Rock Art of Pakistan	03
8.	Ancient Art and Architecture of Pakistan and India	03
Total Credit Hours= 12		

List of additional elective/ University Optional Courses

The following courses are relevant to the discipline of Archaeology and will be incorporated in the list of General Subjects either in lieu of the compulsory courses English-IV and Mathematics-II, or will be offered instead of Research Project/Internship

S. No	Subject Name	Credit Hours
1.	World Heritage Sites	03
2.	Traditional Arts and Crafts of Pakistan	03
3.	Theory and Science in Archaeology	03
4.	Indigenous Cultures of Pakistan	03

5.	Experimental Archaeology	03
6.	Archival Studies	03
7.	Introduction to Law	03
8.	Basic Geology	03
9.	Introduction to Anthropology	03
10.	Basic Chemistry	03
11.	Introduction to Forestry	03

Semester Breakups (Schemes for the Session 2023-2027 onwards).

Semester/Year	Course Codes	Name of Subject	Cr. Hrs
First	ENG-101	Compulsory-I: English-I	3(3+0)
	PS-102	Compulsory-II: Pakistan Studies	2(2+0)
	MATH-103/Stat-103	Compulsory-III: Mathematics-I	3(3+0)
	TH-104	General-I: Introduction to Tourism and Hospitality	3(3+0)
	SOC-105	General-II: Introduction to Sociology	3(3+0)
	ARCH-106	Foundation-I: Introduction to Archaeology	3(3+0)
			17
Second	ENG-151	Compulsory-IV: English-II	3(3+0)
	ISL-152	Compulsory-V: Islamic Studies	2(2+0)
	ARCH-153	Compulsory-VI: Mathematics II (World Heritage Sites)	3(3+0)
	PSY-154	General-III: Introduction to Psychology	3(3+0)
	GEOG-155	General-IV: Fundamentals of Geography	3(3+0)
	ARCH-156	Foundation-II: Ancient History of Pakistan and India	3(3+0)
			17
Third	ENG-201	Compulsory-VII: English-III	3(3+0)
	CS-202	Compulsory-VIII: Introduction to Computer	3(3+0)
	ARCH-203	General-V: Archaeological Conservation	3(3+0)
	TH-204	General-VI: Sustainable Tourism	3(3+0)
	ARCH-205	Foundation-III: Archaeological Heritage of Pakistan.	3(3+0)

			15
Fourth	ENG-251	Compulsory IX: English-IV	3(3+0)
	ARCH-252	General-VII: Folk Heritage of Pakistan	3(3+0)
	GEOG-253	General-VIII: Geographic Information System and Remote Sensing	3(3+0)
	ARCH-254	Foundation-IV: Stone Age Cultures of Pakistan	3 (3+0)
	ARCH-255	Foundation-V: Bronze Age Cultures of Pakistan	3 (3+0)
			15

Fifth	ARCH-301	Foundation-VI: Ancient Religions of Pakistan and India	3(3+0)
	ARCH-302	Foundation-VII: Field Archaeology	3 (3+0)
	ARCH-303	Major-I: Physical Anthropology	3(3+0)
	ARCH-304	Major-II: Ancient Civilizations	3(3+0)
	ARCH-305	Major-III: Indus Civilization	3(3+0)
			15
Sixth	ARCH-351	Foundation-VIII: Museum Studies	3(3+0)
	ARCH-352	Foundation-IX: Cultural Tourism in Pakistan	3(3+0)
	ARCH-353	Major-IV Cultural Heritage Management	3(3+0)
	ARCH-354	Major-V: Muslim History of South Asia	3(3+0)
	ARCH-355	Major-VI: Cultural Anthropology	3 (3+0)
	ARCH-356	Major-VII: Provincial Cultural Heritage	3(3+0)
			18
Seventh	ARCH-401	Major-VIII: Muslim Art: Calligraphy, Painting, Minor Arts & Crafts	3(3+0)
	ARCH-402	Major-IX: Muslim Architecture of Pakistan and India	3(3+0)
	ARCH-403	Major- X: Research Methodology	3(3+0)
	ARCH-404	Major-XI: Numismatics of Pakistan and India.	3(3+0)
	ARCH-405	Major-XII: Paleography and Epigraphy of Pakistan and India	3(3+0)
			15
Eight	ARCH-451	Major-XIII: Research Project / Internship /Two additional subjects from the category of Elective Courses:	6(6+0)
	ARCH-452	Elective-I (Within Major): Gandhara Civilization	3(3+0)
	ARCH-453	Elective-II (Within Major): Archaeology of Swat	3 (3+0)
	ARCH-454	Elective-III (Within Major): Rock Art of Pakistan	3(3+0)

	ARCH-455	Elective-IV (Within Major): Ancient Art and Architecture of Pakistan and India	3(3+0)
			18
TOTAL CR. HRS			130

Details of Courses

Semester-I

Course Code	Category	Course Title	Credit Hours
ENG-101	Compulsory-I:	English-I	3(3+0)
PS-102	Compulsory-II:	Pakistan Studies	2(2+0)
MATH-103/Stat-103	Compulsory-III:	Math-I/ Stat-I	3(3+0)
TH-104	General-I:	Introduction to Tourism and Hospitality	3(3+0)
SOC-105	General-II:	Introduction to Sociology	3(3+0)
ARCH-106	Foundation-I:	Introduction to Archaeology	3(3+0)
			17

ENG-101	English-I	Cr. Hr. 03
----------------	------------------	-------------------

Course Description:

This course provides the language skills for effective communication, organizational communication, the writing process, designing business documents, writing business correspondence, preparing reports, proposals, manuals, and presentation, preparing employment and administrative messages, business terminology for marketing and trade, communicating with the customer.

Course Outcomes:

After completion of this course the students will be able to develop their skills in reading, writing, speaking and thinking. It will also help students in understanding and appreciation of English language and its use in effective communication and literature. Along with this it will increase their understanding and appreciation of essay writing, short stories and will develop their ability to evaluate and understand written material. As a result of this course effective business communication skills and enhanced presentation skills will be developed.

WEEK 1-4:

Module - 1: Fundamentals of Grammar:

Parts of speech and their correct usage, spelling, vocabulary.

WEEK 5-8:

Module - 2: Pre writing Techniques

- Free Writing.
- Diagramming.
- Making Lists.
- Brainstorming.

WEEK 9-12:

Module-3: Structure and paragraph development

- Qualities of effective sentences.
- Common errors in sentence structure.
- Correcting faulty sentences.
- Paragraph development.

WEEK 13-16:

Module - 4: The Job application Process/ letters.

- The written job presentation
- The job application process-interviews and follow-up.
- The process of letter writing.

Recommended Readings:

- 1) Howe, D.H, kirpatrick, TA & kirpatrick, D.L.(2004).Oxford English for undergraduates, Karachi: Oxford University Press
- 2) I. A. Richards & Christine Gibson, *Learning Basic English: A Practical Handbook for English-Speaking People*, New York: W. W. Norton & Co. (1945)

- 3) *Basic English: A Protest*, Joseph Albert Lauwerys, F. J. Daniels, Robert A. Hall Jr., London: Basic English Foundation, 1966. An answer to Robert A. Hall, Jr.'s criticism
- 4) *Murphy, R.(2003).Grammar in Use.*

PS-102	Pakistan Studies	Cr. Hr. 02
---------------	-------------------------	-------------------

Course Description:

This course develops the vision of historical perspective, government, politics, contemporary Pakistan, ideological background of Pakistan. Study the process of governance, national development, issues arising in the modern age and posing challenges to Pakistan.

Course Outcomes:

After completion of this course students will be able to understand the history, major events, and movements in the history of Pakistan. It will enable them to the political and constitutional phases of Pakistan since its independence. At completion the students will have a fair idea of the economic, social, ethnic and policy structure of contemporary Pakistan.

Course Contents:

WEEK 1-5:

Module - 1: Historical Perspective

- Ideological rationale with special reference to Sir Syed Ahmed Khan, Allama Muhammad Iqbal and Quaid-i-Azam Muhammad Ali Jinnah.
- Factors leading to Muslim separatism.
- People and Land
- Indus Civilization
- Muslim advent
- Location and Geo-Physical features.

WEEK 6-10:

Module - 2: Government and Politics in Pakistan

- Political and constitutional phases:
 - a. 1947-58

- b. 1958-71
- c. 1971-77
- d. 1977-88
- e. 1988-99
- f. 1999 onward

WEEK 11-16:

Module - 3: Contemporary Pakistan

- Economic institutions and issues
- Society and social structure
- Ethnicity
- Foreign policy of Pakistan and challenges
- Futuristic outlook of Pakistan

Recommended Readings

- 16) Burki, Shahid Javed. State & Society in Pakistan, The Macmillan Press Ltd 1980.
- 17) Akbar, S. Zaidi. Issue in Pakistan's Economy. Karachi: Oxford University Press, 2000.
- 18) S.M. Burke and Lawrence Ziring. Pakistan's Foreign policy: An Historical analysis. Karachi: Oxford University Press, 1993.
- 19) Mehmood, Safdar. Pakistan Political Roots & Development. Lahore, 1994.
- 20) Wilcox, Wayne. The Emergence of Bangladesh., Washington: American Enterprise, Institute of Public Policy Research, 1972.
- 21) Mehmood, Safdar. Pakistan Kayyun Toota, Lahore: Idara-e-Saqafat-e-Islamia, Club Road, nd.
- 22) Amin, Tahir. Ethno - National Movement in Pakistan, Islamabad: Institute of Policy Studies, Islamabad.
- 23) Ziring, Lawrence. Enigma of Political Development. Kent England:
- 24) WmDawson & sons Ltd, 1980.
- 25) Zahid, Ansar. History & Culture of Sindh. Karachi: Royal Book Company, 1980.
- 26) Afzal, M. Rafique. Political Parties in Pakistan, Vol. I, II & III. Islamabad: National Institute of Historical and cultural Research, 1998.
- 27) Sayeed, Khalid Bin. The Political System of Pakistan. Boston: Houghton Mifflin, 1967.

- 28) Aziz, K.K. Party, Politics in Pakistan, Islamabad: National Commission on Historical and Cultural Research, 1976.
- 29) Muhammad Waseem, Pakistan Under Martial Law, Lahore: Vanguard, 1987.
- 30) Haq, Noor ul. Making of Pakistan: The Military Perspective. Islamabad: National Commission on Historical and Cultural Research, 1993.

MATH-103	Mathematics-I	Cr. Hr. 03
-----------------	----------------------	-------------------

Course Description:

This course is built upon the mathematical concepts, principles and techniques that are useful in Archaeology and Tourism management. The main objectives of the course are to enhance student's competency in application of mathematical concepts in solving management problems and to improve their level of quantitative approach.

Course Outcomes:

Upon the successful completion of this course, students should be able to understand Mathematical Functions, Building and solving linear and quadratic equations, Types of functions, Matrices and its applications as well as model the effects of non-isothermal problems through different domains.

Course Contents:

WEEK 1-2:

Module - 1: Algebra

Preliminaries: Real and complex numbers, Introduction to sets, set operations, functions,
types of functions.

WEEK 3-4:

Module - 2:

Matrices: Introduction to matrices, types of matrices, inverse of matrices, determinants,
system of linear equations, Cramer's rule.

WEEK 5:**Module - 3:**

Quadratic equations: Solution of quadratic equations, nature of roots of quadratic equations,
equations reducible to quadratic equations.

WEEK 6:**Module - 4:**

Sequence and Series: Arithmetic, geometric and harmonic progressions.

WEEK 7:**Module - 5:**

Permutation and combinations: Introduction to permutation and combinations,

WEEK 8:**Module - 6:**

Binomial Theorem: Introduction to binomial theorem.

WEEK 9:**Module - 7:**

Trigonometry: Fundamentals of trigonometry, trigonometric identities.

WEEK 10:**Module - 8:**

Graphs: Graph of straight line, circle and trigonometric functions.

WEEK 11-12:**Module - 9: Statistics**

Introduction: Meaning and definition of statistics, relationship of statistics with social

science, characteristics of statistics, limitations of statistics and main division of statistics.

WEEK 13-14:**Module - 10:**

Frequency distribution: Organization of data, array, ungrouped and grouped data, types of

frequency series, individual, discrete and continuous series, tally sheet method, graphic presentation of the frequency distribution, bar frequency diagram histogram, frequency polygon, cumulative frequency curve. Measures of central tendency: Mean and medium and modes, quartiles, deciles and percentiles.

WEEK 15-16:

Module - 11:

Measures of dispersion: Range, inter quartile deviation mean deviation, standard deviation, variance, moments, skewness and kurtosis.

Recommended Readings:

8. Budnick, Mathematics for Business Economics and Social Science
9. Burton, Shelton, Business Maths using Excel, South-Western Cengage Learning
10. Cheryl Cleaves, Business Maths, Pearson (Latest Edition)
11. Kaufmann. J. E., 'College Algebra and Trigonometry', PWS-Kent Company, Boston, Latest Edition.
12. Swokowski. E. W., 'Fundamentals of Algebra and Trigonometry', Latest Edition.
13. Walpole, R. E., 'Introduction of Statistics', Prentice Hall, Latest Edition.
14. Wilcox, R. R., 'Statistics for the Social Sciences'.

TH-104	Introduction to Tourism	Cr. Hr. 03
--------	-------------------------	------------

Course Description:

The course is designed for introducing the concept of Tourism as an amusement and industry for playing a vital role in the economy of Pakistan. The student will be able learn about various aspects of Tourism, especially religious and Archaeological Tourism.

Course Outcomes:

This course will help the student in developing the basic and compatible knowledge about tourism, its background, types and what could be the future innovation in this field.

WEEK 1-2:

Module - 1: Introduction & Feature of worldwide destinations

Definitions, History, Scope, Types and Forms, Basis of Tourism, Limits of Tourism, Tourism Promotion. Main Global features, Time Zones and Climate, Main Travel & Tourism destinations, Geography of Pakistan, Geo-Physical features of Pakistan and Climate.

WEEK 3-4:

Module - 2: Impacts of Tourism

Economic, Environmental, Social, Cultural, Political etc.

WEEK 5-6:

Module - 3: Major Component of Tourism

Travel (Air, Sea, Road), Accommodation (Hotels & Restaurants), Infrastructure, Super Structure, Composition, Related Industries, Recourses (Natural & Cultural), Activities.

WEEK 7-8:

Module - 4: Tourism Policy and Planning

International Policy, Pakistan Policy and Planning, Role of Government and other Organizations, Case study of Dubai or any other Touristic Destination.

WEEK 9-10:

Module - 5: Tourism Management

What is Management (Definitions), Tourism Products, Role of Management, Strategies, Tourism Organization, Financial Analysis.

WEEK 11-12:

Module - 6: Tourism Marketing

What is Marketing (Definitions), Marketing Segments (Target Market), Marketing Mix (Product, Place, Price, Promotion, people), Market Research, Packages

WEEK 13-14:

Module - 7: Domestic Tourism & Future Trends

Current Situation, Problems, Issues & Trends, International Trends and Standards

WEEK 15-16:

Module - 8: Practical/ Case Studies

- International Tourist Destination
- Domestic Tourist Destination
- Visit to different local Tourist sites, Mapping, Itinerary, Broachers, Posters, slogans etc.

Recommended Readings

- 1) Boniface, Brian G., and Chris Cooper. *Worldwide Destinations: The Geography of Travel and Tourism*, 3d ed.
- 2) Brownell, Judi. "Women in Hospitality Management: General Managers' Perception of Factors Related to Career Development." *International Journal of Hospitality Management*, Vol. 13, No. 2, pp. 101–118, June 1994.
- 3) Burkart, A. J., and S. Medlik. *Historical Development of Tourism*. Aix-en-Provence, France: Centre des Hautes Studes Touristiques, 1990.
- 4) Burns, Peter M., and Andrew Holden. *Tourism: A New Perspective*. New York: Prentice Hall, 1995.
- 5) Bennett, M. M. "Strategic Alliances in the World Airline Industry." *Progress in Tourism and Hospitality Research*, Vol. 3, No. 3, pp. 213–224, 1997.
- 6) Dwyer, Larry, and Peter Forsyth. "Economic Significance of Cruise Tourism." *Annals of Tourism Research*, Vol. 25, No. 2, pp. 393–415, April 1998.
- 7) Harris, Robert, and Joy Howard. *Dictionary of Travel, Tourism, and Hospitality*
- 8) Towner, John. "Approaches to Tourism History." *Annals of Tourism Research*, Vol. 15, No. 1, pp. 47–62, 1988.
- 9) Rice, Kate. "The Professional Prospects for Women in Travel." *Travel Counselor*, No. 29, pp. 20–22, October 28, 1996.
- 10) Witt, Stephen F., and Luiz Moutinho. *Tourism Marketing and Management Handbook*, 2d ed. New York: Prentice Hall, 1994.
- 11) World Tourism Organization. *Yearbook of Tourism Statistics*. Madrid: WTO, 2010.
- 12) Towner, John. "The Grand Tour: Sources and a Methodology for an Historical Study of Tourism." *Tourism Management*, Vol. 5, No. 3, pp. 215–222, September 1984.
- 13) Annals of Tourism Research(<http://www.journals.elsevier.com/annals-of-tourism-research/>)

- 14) Current issues in Tourism(<http://www.tandfonline.com/loi/rcit20/current>)
- 15) International Journal of Knowledge Management in Tourism and Hospitality (<http://inderscience.com/jhome.php>)
- 16) International Journal of Tourism Perspectives (<http://www.econ-society.org/journals/ijtp/ijtp.htm>)
- 17) Journal of Tourism and Research(<http://www.todayscience.org/JTR/jtr.html>)
- 18) Journal of Tourism History (<http://www.tandfonline.com/toc/rjth20/current>)
- 19) Tourism and Hospitality Research(<http://thr.sagepub.com/>)
- 20) Tourism Management(<http://www.journals.elsevier.com/tourism-management/>)

SOC-105	Introduction to Sociology	Cr. Hr. 03
----------------	----------------------------------	-------------------

Course Description

The course is designed to introduce the students with sociological concepts and the discipline. The focus of the course shall be on significant concepts like social systems and structures, socio-economic changes and social processes.

Course Outcomes:

The course will provide due foundation for further studies in the field of sociology.

Course Outline:

WEEK 1-2:

1. Introduction

- a. Definition, Scope, and Subject Matter
- b. Sociology as a Science
- c. Historical back ground of Sociology
- d. Relationship of sociology with other social sciences

WEEK 3-6:

2. Basic Concepts

- a. Group, Community, Society
- b. Associations
 - i. Non-Voluntary
 - ii. Voluntary
- c. Organization
 - i. Informal
 - ii. Formal
- d. Social Interaction

- i. Levels of Social Interaction
- ii. Process of Social Interaction
 - a) Cooperation
 - b) Competition
 - c) Conflict
 - d) Accommodation
 - e) Acculturation and diffusion
 - f) Assimilation
 - g) Amalgamation

WEEK 7-8:

3. Social Groups

- a. Definition and Functions
- b. Types of social groups
 - i. In and out groups
 - ii. Primary and Secondary group
 - iii. Reference groups
 - iv. Informal and Formal groups
 - v. Pressure groups

WEEK 9-12:

4. Culture

- a. Definition, aspects and characteristics of Culture
 - i. Material and non-material culture
 - ii. Ideal and real culture
- b. Elements of culture
 - i. Beliefs
 - ii. Values
 - iii. Norms and social sanctions
- c. Organizations of culture
 - i. Traits
 - ii. Complexes
 - iii. Patterns
 - iv. Ethos
 - v. Theme
- d. Other related concepts
 - i. Cultural Relativism
 - ii. Sub Cultures
 - iii. Ethnocentrism and Xenocentrism
 - iv. Cultural lag

WEEK 13-14:

5. Socialization and Personality

- a. Personality, Factors in Personality Formation
- b. Socialization, Agencies of Socialization

- c. Role and Status

WEEK 15-16:

6. Deviance and Social Control

- a. Deviance and its types
- b. Social control and its need
- c. Forms of Social control
- d. Methods and Agencies of Social control

7. Collective Behavior

- a. Collective behavior, its types
- b. Crowd behavior
- c. Public opinion
- d. Propaganda
- e. Social movements
- f. Leadership

Suggested Readings:

1. Anderson, Margaret and Howard F. Taylor. 2001. *Sociology the Essentials*. Australia: Wadsworth.
2. Brown, Ken 2004. *Sociology*. UK: Polity Press
3. Gidden, Anthony 2002. *Introduction to Sociology*. UK: Polity Press.
4. Macionis, John J. 2006. 10th Edition *Sociology* New Jersey: Prentice-Hall
5. Tischler, Henry L. 2002. *Introduction to Sociology* 7th ed. New York: The Harcourt Press.
6. Frank N Magill. 2003. *International Encyclopedia of Sociology*. U.S.A: Fitzroy Dearborn Publishers
7. Macionis, John J. 2005. *Sociology* 10th ed. South Asia: Pearson Education
8. Kerbo, Harold R. 1989. *Sociology: Social Structure and Social Conflict*. New York: Macmillan Publishing Company.
9. Koenig Samuel. 1957. *Sociology: An Introduction to the Science of Society*. New York: Barnes and Nobel..
10. Lee, Alfred Mclung and Lee, Elizabeth Briant 1961. *Marriage and the family*. New York: Barnes and Noble, Inc.
11. Leslie, Gerald et al. 1973. *Order and Change: Introductory Sociology* Toronto: Oxford University Press.
12. Lenski, Gevbard and Lenski, Jeam. 1982. *Human Societies*. 4th edition New York: McGraw-Hill Book Company.
13. James M. Henslin. 2004. *Sociology: A Down to Earth Approach*. Toronto: Allen and Bacon.

ARCH-106	Introduction to Archaeology	Cr. Hr. 03
----------	-----------------------------	------------

Course Description:

Archaeology is a science which treats with the study of human culture and civilization and provided roots to the unwritten history through material evidence such as artifacts, antiquities and building remains exposed during excavation. The subject has introduced various dating techniques through which the forgotten history of a culture and civilization can be reconstructed.

Course Outcomes:

This course will enable the student to know about the exploration and excavation of the artificial mounds which conceals the remains of ancient settlements. It is through excavation that artifacts utilized by the ancient societies can be revealed and studied. Such artifacts are later to be displayed in public museums for the purpose of education and research.

Course Contents:**WEEK 1-4:****Module 1:**

- Definition and terminology of Archaeology
- Aims and objectives of Archaeology.
- Scope of Archaeology

WEEK 5-8:**Module 2:**

- Brief history and development of Archaeology

WEEK 9-10:**Module 3:**

- Relation of Archaeology with History, Anthropology, Geography, Geology, Zoology, Botany, Physics and Chemistry

WEEK 11-13:**Module 4:**

- Basic Concept of Archaeology: artifacts, stratigraphy, archaeological sites, settlement-pattern, context
- Survey in Archaeology
- Excavation techniques
- Chronology

- Conservation

WEEK 14-16:

Practical:

- Visit to local sites and museums.
- Systematic surface collection
- Photographic documentation of archaeological sites
- Identification and drawing of artifacts.
- Study of regional maps
- Location of sites/monuments on the maps
- Identification of key features of different periods

Recommended Readings:

1. Agrawal, D. P. Ghosh, A. (eds.), *Radiocarbon and Indian Archaeology*, Bombay, 1973.
2. Aitkin, M. J. *Science-based Dating in Archaeology*, Longman, London, 1990.
3. Atkinson. R.J.C. (1953). *Field Archaeology*, London: Methuen & Co.
4. Bagnera. A. (2015). *The Ghaznavid Mosque and the Islamic Settlement at Mt. Raja Gira, Udigram*, Lahore: Sange-e-Meel Publications
5. Bowman, S. G. E. *Radiocarbon Dating*, the British Museum publication, London, 1990.
6. Faccenna. D & Spagnesi. P. (2014). *Buddhist Architecture in the Swat Valley, Pakistan. Stupas, Iharas, A Dwelling Unit*, Lahore: Sange-e-Meel Publications
7. Faccenna. D. (1962). Mingora: Site of Butkara I. Reports on the Campaigns 1956-58 in Swāt (Pakistan), *Reports and Memoirs*, Vol. 1, Rome: Istituto Poligrafico Dello Stato
8. Fagan, B.M. *In the Beginning: An Introduction to Archaeology*, Harper Collins, 7th ed., 1991.
9. Hole, F. and Heizer, R.F. *Prehistoric Archaeology: A Brief Introduction*, New York, 1977.
10. Joukowsky, M. A. *Complete Manual of Field Archaeology, USA*, 1980.
11. Marati.I & Vassallo. C. (2013). *The New Swat Archaeological Museum. Architectural Study and Masterpla*. Lahore: Sange-e-Meel Publications
12. Meister. M. & Olivieri. L.M. (2012). Conservation and Studies at Gumbat-Balo Kale Site (Tehsil Barikot, District Swāt, Pakistan), *Journal of Asian Civilizations*, Vol. 35, No. 2, 1-22
13. Olivieri. L.M. (2011). Bibliography (1940-2011), IsMEO/ IsIAO Activities and Research in Northern Pakistan, *Journal of Asian Civilizations*, Vol. 34, No. 1, 355-60

14. Olivieri. L.M. (2011). *Painted Rock Shelters of the Swat-Malakand Area from Bronze age to Buddhism*, Ph.D. thesis submitted to Freie University Berlin
15. Olivieri. L.M. (2014). *The Last Phases of the Urban Site of Bir-Kot-Ghwandai (Barikot), the Buddhist Sites of Gumbat and Amluk-Dara (Barikot)*, Lahore: Sang-e-Meel Publications
16. Olivieri. L.M. (2015). *Sir Aurel Stein and the Lords of the Marches, New Archival materials*, Lahore: Sang-e-Meel Publications
17. Olivieri. M. (2014). *Digging Up. Fieldwork Guidelines for Archaeology Students*, Lahore: Sange-e-Meel Publications
18. Olivieri. M. (2015). *Talking Stones. Painted Rock Shelters of the Swat Valley*, Lahore: Sange-e-Meel Publications
19. Renfrew, C. and Bahn, P. *Archaeology: Theories, Methods and Practice*, Thames and Hudson, London, 1991.
20. Stacul. G. (1969). Excavation near Ghaligai (1968) and Chronological Sequence of Protohistorical Culture in the Swāt Valley, *East & West*, Vol. 19, No. 1/2, 44-91
21. Vidale. M. et al (2016). *Excavations at the Protohistoric Graveyards of Gogdara and Udigram*, Lahore: Sange-e-Meel Publications
22. Wheeler, R. E. M. *Archaeology from the Earth*, London, 1961.

Semester-II

Course Code	Category	Course Title	Credit Hours
ENG-151	Compulsory-IV:	English-II	3(3+0)
ISL-152	Compulsory-V:	Islamic Studies/ Ethics	2(2+0)
ARCH-463	Compulsory-VI/University Optional	World Heritage Sites	3(3+0)
PSY-154	General-III:	Introduction to Psychology	3(3+0)
GEOG-155	General-IV:	Fundamentals of Geography ¹	3(3+0)

¹ Taken from the HEC CURRICULUM OF BS GEOGRAPHY (Revised 2013)

ARCH-156	Foundation-II:	Ancient History of Pakistan and India	3(3+0)
			17

ENG-151	English –II	Cr. Hr. 03
----------------	--------------------	-------------------

Course Description:

This course aims at helping students develop a positive, constructive, and practical approach to effective written and oral communication in business and professional settings. Audience awareness, developing a design, handling questions and answers, personal presence, style and body language are some other aspects that will be discussed.

Course Outcomes:

By the end of this course, it is expected that the student will be able to communicate in clear, concise correspondence to meet the diverse needs and multiple purposes of business and social communication situations. Presentations, interviews, meetings and conferences are an integral part of any professional environment. Well-prepared and well-executed presentations leave an indelible impression on superiors, peers and subordinates alike. Students will learn to use graphics, audio-visual aids and audience handouts in an effective manner.

Course Contents:

WEEK 1-2:

Module - 1: Effective Communication in Business

- Importance and benefits of effective communication
- Components of communication
- Concepts and problems of communication

WEEK 3-4:

Module - 2: Types of Communication

- Verbal Communication.
- Non- verbal communication.
- Classification of non-verbal communication.

WEEK 5-6:**Module - 3: Message Design**

- The appearance and design of business messages.
- Good news and bad news messages.

WEEK 7-8:**Module - 4: Strategies for Successful Speaking and Successful Listening**

- Strategies for improving oral presentation.
- Strategies for reducing stage fright.
- Strategies for improving listening skills

WEEK 9-10:**Module - 5: Strategies for Successful Informative and Persuasive speaking**

- Purpose of informative and persuasive speaking.
- Kinds of informative and persuasive speaking.
- Audience analysis for informative and persuasive speaking.
- Organization for informative and persuasive speaking.
- Support for informative and persuasive speaking.

WEEK 11-12:**Module - 6: Confidence Building. How to make PowerPoint presentation**

- Strategies to build confidence.
- Techniques to make Power Point Presentation

WEEK 13-14:**Module - 7: Making Oral Presentation**

- Purpose in oral presentation
- Comparing written and oral messages
- Planning strategies for your presentation
- Choosing information to include in your presentation.
- Organizing your information.
- Delivering an effective presentation
- Handling questions.
- Making group presentations.

WEEK 15-16:**Module - 8: Additional Oral Communication Activities**

- Conducting and participating in meetings.
- Techniques for participating in a meeting.
- Interviewing people
- Guidelines for the interviewee.
- Dictating letters and reports.
- Using the telephone.

Recommended Readings:

1. Stuart Sillar (1988) Success in Communication, Jhon Murray Publishers
2. Murphy & Hilderbrant (1991) Effective Business Communication, 6th Edition, McGraw-Hill.
3. Raymond V. Lesikar (1996) Business Communication, Richard D. Irwin, Inc.
4. Bovee & Thill (1995) Business Communication Today, 4th Edition, McGraw-Hill.
5. Shirley Taylor (1994) Communication for Business-A Practical Approach 2nd Edition, Pitman Publishing.

ISL-152	Islamic Studies/Ethics	Cr. Hr. 02
----------------	-------------------------------	-------------------

Course Description:

This course provides Basic information about Islamic Studies and enhances understanding of the students regarding Islam. During the course the students learn about life of prophet Muhammad (SAW) and the important lessons learned from the life of Holy Prophet in Makkah and Madina. The course also addresses the concepts of science, economics, political and social system in the light of Islam. Alongside students are also introduced to the early Islamic history.

Course Outcomes:

After completion of this course students will be able to understand the basic concepts of Islam. Students will have a sound knowledge of Quran and Sunna. It will also enable them to understand the concept of Law and Jurisprudence, economy, society and Tourism in the light of Islam. They will also have the know-how of the early stages and history of Islamic Civilization.

Course Contents:**WEEK 1:****Module - 1: Introduction to Quranic Studies**

- Basic Concepts of Quran
- History of Quran
- Uloom-ul –Quran

WEEK 2-3:**Module - 2: Study of Selected Text of Holly Quran**

- Verses of Surah Al-Baqra Related to Faith (Verse No-284-286)
- Verses of Surah Al-Hujrat Related to Adab Al-Nabi (Verse No-1-18)
- Verses of Surah Al-Mumanoon Related to Characteristics of faithful (Verse No-1-11)
- Verses of Surah al-Furqan Related to Social Ethics (Verse No.63-77)
- Verses of Surah Al-Inam Related to Ihkam (Verse No-152-154)

WEEK 4-5:**Module - 3: Study of Selected Text of Holly Quran**

- Verses of Surah Al-Ihzab Related to Adab al-Nabi (Verse No.6,21,40,56,57,58.)
- Verses of Surah Al-Hashar (18,19,20) Related to thinking, Day of Judgment
- Verses of Surah Al-Saf Related to Tafakar, Tadabar (Verse No-1,14)

WEEK 6:**Module - 4: Seerat of Holy Prophet (SAW) I**

- Life of Muhammad Bin Abdullah (Before Prophet Hood)
- Life of Holy Prophet (SAW) in Makkah
- Important Lessons Derived from the life of Holy Prophet in Makkah

WEEK 7:**Module - 5: Seerat of Holy Prophet (SAW) II**

- Life of Holy Prophet (SAW) in Madina
- Important Events of Life Holy Prophet in Madina
- Important Lessons Derived from the life of Holy Prophet in Madina

WEEK 8:**Module - 6: Introduction to Sunnah**

- Basic Concepts of Hadith
- History of Hadith
- Kinds of Hadith
- Uloom –ul-Hadith
- Sunnah & Hadith
- Legal Position of Sunnah

WEEK 9:**Module - 7: Selected Study from Text of Hadith, Introduction to Islamic Law & Jurisprudence**

- Basic Concepts of Islamic Law & Jurisprudence
- History & Importance of Islamic Law & Jurisprudence
- Sources of Islamic Law & Jurisprudence
- Nature of Differences in Islamic Law
- Islam and Sectarianism

WEEK 10:**Module - 8: Islamic Culture & Civilization**

- Basic Concepts of Islamic Culture & Civilization
- Historical Development of Islamic Culture & Civilization
- Characteristics of Islamic Culture & Civilization
- Islamic Culture & Civilization and Contemporary Issues

WEEK 11:**Module - 9: Islam & Science**

- Basic Concepts of Islam & Science
- Contributions of Muslims in the Development of Science
- Quranic & Science

WEEK 12:**Module - 10: Islamic Economic System**

- Basic Concepts of Islamic Economic System

- Means of Distribution of wealth in Islamic Economics
- Islamic Concept of Riba
- Islamic Ways of Trade & Commerce

WEEK 13:**Module - 11: Political System of Islam**

- Basic Concepts of Islamic Political System
- Islamic Concept of Sovereignty
- Basic Institutions of Govt. in Islam

WEEK 14:**Module - 12: Islamic History**

- Period of Khlaft-e-Rashida
- Period of Ummayyads
- Period of Abbasids

WEEK 15:**Module - 13: Social System of Islam**

- Basic Concepts of Social System of Islam
- Elements of Family
- Ethical Values of Islam

WEEK 16:**Module - 14: Tourism & Hospitality and Islamic concepts**

- Ethics of hospitality in Islam
- Ethics of food and beverages in Islam
- Ethics of Travel and travelers in Islam

Recommended Readings:

- 1) Hameed ullah Muhammad, "Emergence of Islam" , IRI, Islamabad.
- 2) Hameed ullah Muhammad, "Muslim Conduct of State".
- 3) Hameed ullah Muhammad, „Introduction to Islam.
- 4) Mulana Muhammad Yousaf Islahi,„.

- 5) Hussain Hamid Hassan, “An Introduction to the Study of Islamic Law” leaf Publication Islamabad, Pakistan.
- 6) Ahmad Hasan, “Principles of Islamic Jurisprudence” Islamic Research Institute, International Islamic University, Islamabad (1993).
- 7) Mir Waliullah, “Muslim Jurisprudence and the Quranic Law of Crimes” Islamic Book Service (1982).
- 8) H. S. Bhatia, “Studies in Islamic Law, Religion and Society” Deep & Deep, Publications, New Delhi (1989).
- 9) Dr. Muhammad Zia-ul-Haq, “Introduction to Al Sharia Al Islamia” Allama Iqbal Open University, Islamabad (2001).

ARCH-463	World Heritage Sites	Cr. Hr. 03
-----------------	-----------------------------	-------------------

Course Description:

This course explores the concept of world heritage and the listed world heritage sites of Pakistan as well as some other countries. The course also introduces students to different UNESCO charters and the criteria for enlisting as World Heritage Site.

Course Outcomes:

After completion students will be able to understand the concepts and process involved in selection of any heritage sites on World Heritage list. The students will be able to identify all the sites that are declared as world heritage sites in Pakistan as well as in South Asia.

Course Contents:

WEEK 1-3:

Module-1: Introduction

- What is heritage?
- Cultural heritage
- Natural heritage
- World heritage institutions

WEEK 4-6:

Module-2: Charters and Criteria

- UNESCO/ ICOMOS charters
- Criteria of world heritage sites

WEEK 7-9:**Module-3: Sites in South Asia**

- World heritage sites
- World heritage sites in Pakistan and India.

WEEK 10-12:**Module-4: Other important Sites (3 from each continent)**

- Asia
- Africa
- North Americas
- South America
- Australia
- Europe

WEEK 13-16:**Module-5:**

- Visit and reports of any world heritage Sites of Pakistan
- A case study of World Heritage Sites in Pakistan

Recommended Readings:

9. World Heritage Sites: A Complete Guide to 911 UNESCO World Heritage Sites by UNESCO
10. World Heritage Sites: A Complete Guide to 890 UNESCO World Heritage Sites by UNESCO
11. Treasury of World Culture: Archaeological Sites and Urban Centers UNESCO World Heritage (v. 1)
12. Monumental Sites: Treasury of World Culture Series UNESCO World Heritage (v. 2)

13. 1001 Natural Wonders You Must See Before You Die: UNESCO Edition by Michael Bright and Koichiro Matsuura (Aug 1, 2009)
14. Managing World Heritage Sites by Anna Leask and Alan Fyall (Jun 28, 2006)
15. World Heritage Sites of UNESCO: Vol. 2 (World Heritage Sites/UNESCO 2) by Marco Cattaneo (Nov 6, 2003)
16. World Heritage Sites of China by Cao Nanyan and Claire Welch (2007)

PSY-154	Introduction to Psychology	Cr. Hr. 03
----------------	-----------------------------------	-------------------

Course Descriptin:

The main aim is to familiarize students with history, main concepts, methods, and theoretical frameworks in psychology. The course will help students appreciate the human nature and its related concepts, thereby will gain insight into human behavior and human relationships.

Course Outcome:

After successful completion of this course the students will be able to have a grasp over basic concepts and theoretical perspectives explaining human behavior. They will be able to appreciate the complexity of human behavior and relationships. They will be able to understand Psychology as science and empirical methods used for understanding different aspects of human behavior.

Course Contents

WEEK 1-2:

Module 1: Understanding Psychology

- Psychology: Scientific perspective
- Historical perspective
- Schools of psychology
- Methods of psychology
- Ethical issues
- Fields of psychology and their application

WEEK 3-4:

Module 2: Biological Basis of Behavior

Neuron and its function
Central nervous system
Peripheral nervous system
Endocrine system

WEEK 5-6:**Module 3: Sensation and Perception**

Senses: Vision, audition, smell, taste and kinesthetic
Introduction to perception
Gestalt principles
Binocular and monocular cues
Illusions and extra sensory perception

WEEK 7-8:**Module 4: Learning**

Definition of learning
Types of learning: Classical and operant conditioning
Punishment and its effects
Latent and observational learning

WEEK 9:**Module 5: Memory**

Definition and types of memory
Processes and techniques of improving memory.
Forgetting: Nature and causes

WEEK 10:**Module 6: Cognition and Language**

Concept of cognition
Problem solving
Judgment and decision making
Language development
Language and cognition
Language and culture

WEEK 11:**Module 7: Intelligence and Creativity**

Concept of intelligence
Theories of intelligence
Assessment of intelligence
Mental retardation
Concept of creativity and its stages

WEEK 12:**Module 8: Motivation and Emotion**

Introduction to motivation

Factors affecting motivation.
 Introduction to emotions
 Types of emotions
 Physiology and emotion
 Theories of emotion

WEEK 13-14:

Module 9: Personality

Defining personality
 Theories of personality
 Personality assessment

WEEK 15-16:

Module 10: Social Thinking and Social Influence

Social facilitation
 Attribution theory
 Crowd behavior
 Conformity, Obedience
 Helping behavior

Recommended Readings

- Atkinson R. C., & Smith, E. E. (2000). *Introduction to psychology* (13th ed.). NY: Harcourt Brace College Publishers.
- Coon, D., & Mitterer, J. (2008). *Introduction to psychology: Gateways to mind and behavior* (12th ed.). USA: Wadsworth Cengage Learning.
- Fernald, L. D., & Fernald, P.S (2005). *Introduction to psychology*. USA; WMC Brown Publishers.
- Fredrickson, B., Nolen-Hoeksema, S., Loftus, G., & Wagenaar, W. (2009). *Atkinson & Hilgard's introduction to psychology* (15th ed.). USA: Wadsworth.
- Glassman, W.E. (2000). *Approaches to psychology*. Open University Press.
- Hayes, N. (2000). *Foundation of psychology* (3rd ed.). UK: Thomson Learning.
- Kalat, J. W. (2010). *Introduction to psychology*. USA: Cengage Learning, Inc.
- Lahey, B. B. (2004). *Psychology: An introduction* (8th ed.). UK: McGraw-Hill Companies, Inc.
- Leahey, T. H. (1992). *A history of psychology: Main currents in psychological thought*. New Jersey: Prentice-Hall International, Inc.
- Myers, D. G. (2011). *Psychology* (10th ed.). USA: Wadsworth Publishers.
- Ormord, J. E. (1995). *Educational psychology: Developing learners*. USA: Prentice Hall, Inc.
- Rathus, S. (2011). *Psychology: Concepts and connections* (10th ed.). USA: Wadsworth Cengage Learning.

GEOG-155	Fundamentals of Geography	Cr. Hr. 03
-----------------	----------------------------------	-------------------

Course Description:

The course is designed for understanding the basic concept of the subject of Geography and its application in Archaeology, especially in the location of an Archaeological site, and the interpretation of its surround regions, land, and resources etc.

Course Outcome:

The course will enable the students to know about the founding principles of Geography and geographical knowledge.

Course outline:

- Introduction
 - o Definitions, scope and branches of Geography
 - o Roots of the discipline and basic geographic concepts
 - o Themes and traditions of Geography of Tools of Geography
- The Universe
 - o Galaxies and solar system
 - The Earth as a planet
 - o Celestial positions, its shape and size
 - o Rotation, revolution and related phenomena
 - Spheres of the earth
 - o Lithosphere
 - o Atmosphere
 - o Hydrosphere
 - o Biosphere
 - Man-environment interaction
 - o Population
 - o Major Economic activities
 - o Settlements
 - o Pollution

Lab. work:

Comprehension of atlases, map reading skills, location of places, features and relevant work related to topics of the theoretical section.

Recommended Readings:

Arbogast, A. F. (2007) Discovering Physical Geography, John Wiley and Sons, London.
 Christopherson, R. W. (2009) Geo systems: An introduction to Physical Geography, Pearson Prentice Hall, New Jersey.

- De Blij, H. J and Muller, P. O. (1996) Physical Geography of the Global Environment, USA, John Wiley and sons Inc., New Jersey.
- Guinness, J. P. & Nagle, G. (2011) Geography, Hodder Education, London.
- King, C. (1980) Physical Geography, Basil Blackwell, Oxford.
- Miller, G. T. (2008) Living in the Environment, Principles, connections and Solutions, Wadsworth, USA.
- Monkhouse, F. J. (1996) Principles of Physical Geography, Hodder & Stoughton, London.
- Scott, R. C. (1996) Introduction to physical geography, West Publishing Co, New York.
- Small, R. J. (1989) Geomorphology and Hydrology, Longman, London.
- Strahler, A. (2013) Introduction to Physical Geography, John Wiley & Sons, New Jersey.
- Stringer, E. T. (2004) Modern Physical Geography, John Wiley, New York.
- Taylor, J. (1993) Integral Physical Geography, Longman, London
- Thompson, R. D. (1986) Process in Physical Geography, Longman, London.
- Thornbury, W. D. (2004) Principles of Geomorphology, John Willy & Sons, New York
- Thurman, H. V. & Trujillo, A. P. (2013) Essentials of Oceanography, Prentice Hall Inc., USA

ARCH-156	Ancient History of Pakistan and India	Cr. Hr. 03
-----------------	--	-------------------

Course Description:

The course will familiarize the students about the dynastic history and chronological framework of the area now included in Pakistan and India.

Course Outcomes:

After completion the students will be able to understand the ancient history of Indo-Pak from the time of the Aryans to the disintegration of Hindu Shahi rule.

Course Contents:

WEEK 1:

Module - 1: Sources of Ancient History

WEEK 2-16:

Module - 2: Ancient History of Indo Pak

Vedic Aryans: social, political, economic and religious life

- Achaemenian rule in Pakistan
- Alexander's invasion of Pakistan
- Mauryan dynasty: Administration of Chandragupta Maurya, Ashoka's contributions to Buddhism
- Indo-Greeks
- Indo-Scythians
- Indo-Parthians
- Kushanas: Achievements of Kanishka, Gandhara Art
- Kushano-Sassanians
- Huns
- Hindu Shahis

Recommended Readings:

1. Abdur Rahman, The Last two Dynasties of the Śāhis, Islamabad, 1979.
2. Amjid, Y. *Tareekh-e-Pakistan* (Urdu), Vols. I & II.
3. Bakhshi, S. R. (ed.) *Advanced History of Medieval India* (3vols), New Delhi, Anmol Publishers, 2003.
4. Basham, A. L. The Wonder that was India, rpt. India, 1963.
5. *Cambridge History of India*, Vols. II, III & IV.
6. Dani, A.H. History of Northern Areas of Pakistan.
7. Dani, A.H. *History of Pakistan: Pakistan through the Ages*, Lahore: Sang-e Meel Publications, 2008.
8. Elliot and Dowson, *The History of India as Told by Its Own Historians*, all Vols, Lahore, 1976 (1st pub. 1867-77).
9. Majumdar, R. C. et.al. An Advanced History of India, Part-I, London, 1960.
10. Nasim Khan, M, Errington, E. and Cribb, J. Coins from Kashmir Smast – New Numismatic Evidence. Peshawar 2008.
11. Nasim Khan, M. Kharoshti Manuscripts from Gandhara (Rprt.). Peshawar 2009.
12. Nasim Khan, M. The Sacred and the Secular. Investigating the Stupa and Settlement Site of Aziz, Peshawar Valley, Khyber Pukhtoonkhwa (3 vols). Peshawar. 2010.
13. Nasim Khan, M. Treasures from Kashmir Smast – The Earliest Shaivite Monastic Establishment. Peshawar. 2006
14. Qureshi, I. H. (ed.), A Short History of Pakistan, Book One, Karachi, 1967.
15. Riaz ul Islam, *Indo-Persian Relations*, Iranian Culture Foundation, Teheran: 1970.

16. Schmidt, Karl J. An Atlas and Survey of South Asian History.
17. Shastri, N.K. History of India, Part I (Ancient History).
18. Smith, V. A. The Early History of India, from 600 BC to the Muhammad Conquest, Oxford, 1967.
19. Thapar, R. A History of India, vol. 1, Penguin Books, New York, 1979.
20. The Cambridge History of India, Vol. I

Journals:

- Ancient Pakistan XIV-XV
- Journal of the Pakistan Historical Society, Vol. LI, No.3

Semester-III

Course Code	Category	Course Title	Credit Hours
ENG-201	Compulsory-VII	ENGLISH-III	3(3+0)
CS-202	Compulsory-VIII	Introduction to Computer	3(3+0)
ARCH-203	General-V:	Archaeological Conservation	3(3+0)
TH-204	General-VI:	Sustainable Tourism	3(3+0)
ARCH-205	Foundation-III:	Archaeological Heritage of Pakistan	3(3+0)
			15

ENG-201	ENGLISH-III	Cr. Hr. 03
----------------	--------------------	-------------------

Course Description:

The course is designed to enhance the written and spoken communication skills of the students, and to make them communicatively competent in all organizational, business, and social

communication situations. This course is highly effective for the students to produce grammatically correct language, to develop their vocabulary, to construct, revise, complete and deliver effective written and spoken messages.

Course Outcomes:

The course in view has the capacity to make the targeted student competent in all sorts of communication, whether written or spoken. To get command over any second language, knowledge of grammatical rules, inculcating (memorizing) a great deal of vocabulary and practicing utilizing the new knowledge in both writing and speaking is highly demanding. The student will also learn a variety of business writing including different types of report writing and the importance of report writing. Students will learn how to structure business reports and proposals including composing, drafting, revising and proof reading.

Course Contents:

WEEK 1-3:

Module - 1: Basics

- Grammar review
- Vocabulary Development
- Pronunciation
- Drills
- The psychology of effective communication
- Principle of communication psychology

WEEK 4-6:

Module - 2: Skills

- Presentation
- Report writing
- The need for business report
- Informational report
- Analytical reports

WEEK 7-9:**Module - 3: Writing Business Reports and Proposals**

- Organization of business reports and proposals.
- Deciding formats and lengths.
- Choosing an approach.
- Structuring business reports and proposals.
- Composing business reports and proposals.
- Drafting.
- Choosing proper degree of formality.

WEEK 10-12:**Module - 4: Completing business reports and proposals.**

- Revising reports and proposal.
- Producing formal reports and proposal.
- Proofreading.
- Components of a formal report.
- Components of a formal proposal.

WEEK 13-16:**Module - 5: The Seven C's of effective communication**

- Completeness.
- Conciseness.
- Consideration.
- Concreteness.
- Clarity.
- Courtesy.
- Correctness.

Recommended Readings:

- 1) Bov'ee D. Philips: Business Communication today
- 2) Stewart, Zimiber & Clark: Business English & Communication
- 3) Himstreet & Batty: Business Communication
- 4) Kitty O Locker: Business & Administrative communication

CS-202	Introduction to Computer	Cr. Hr. 03
---------------	---------------------------------	-------------------

Course Description:

This introductory course provides students with the basics of computer. Students are introduced to the use of computer applications in tourism and hospitality industry as well as the computer software is most used for designing and communication.

Course Outcomes:

After completion of this course the students will be able to understand the use and applications of computer. This course will enable students to use the graphic and interactive software are used these days by professionals.

Course Contents:**WEEK 1-2:****Module - 1: Introduction to computer**

Definition, types and classification of computers, Hardware, Input hardware, storage hardware; processing hardware, Output hardware, Software, application software, system software, software packages, Different types of Microprocessors & other Hardware Terminology

WEEK 3-4:**Module - 2: Use and Applications**

Application & the uses of Information Technology in the Hospitality Industry Examples of use of Computers in Front/Outlets etc., Introduction to different Computer Related terms/concepts, Introduction to different kinds of OS used in case of standalone PC/Network, Single user/multi user OS(DOS/UNIX), Windows. File Handling Concepts under DOS/WINDOW, Concept of Computer File & its storage, Ways of maintaining Files under DOS/Windows.

WEEK 5-6:**Module - 3: The Application of Microsoft Office**

Overall windows operation, Introduction to different windows-based packages, Utilities / Application of MS-Word, Application of MS- Excel

WEEK 7-8:**Module - 4: Useful Program**

- Adobe Photoshop. Editing photographs/Advertisement designing.
- Coral Draw. Layout and drawing.
- Macromedia Flash. Animation making/Drawing cartoons for newspapers and magazines.
- Graphics,
- Use of scanners

WEEK 9-10:**Module - 5: Introduction to Internet.**

Internet, e-mail; local area network, wide area network, configurations

WEEK 11-12:**Module - 6: Computer Application (practical)**

- Familiarize with a PC and identify the various components of a computer.
- Identify the various Input and Output Devices.
- Introduction to Basic DOS commands.
- Introduction to Windows as an Operating System.
- Getting familiar to Windows Environment.
- Introduction to the various packages of MS-Office.
- Introduction to the Word Processor.
- MS-Word: Entering a document, Editing a Text. Inserting, replacing and deleting Characters. Saving a document, Opening an Existing Document, and changing Page Layout.
- Utilities / Application of MS-Word
- Application of MS- Excel

WEEK 13-16:**Module - 7: Advance applications for Tourism & Hospitality**

Property Management System Interfaces

- Point of sale systems (pos)
- Cash accounting systems (cas),
- Guest information systems

Food & Beverage Management Applications

- Recipe management / sales analysis

Food and Beverage Applications

- Pos order – entry units
- Key boards and monitors, touch screen terminals
- Pos software

Accounts Applications

- Accounts receivable module
- Payroll module inventory module

Recommended Readings:

- 1) Richard G, 2000, “Computer Simulate with Mathematics” and Spring-Verlag. Germany.
- 2) Long L, Long N, 2000. Fundamentals of Computer, 6th ed.
- 3) Courter G, Marquis A, 1999, Microsoft Office 2000, BPB Publications.

ARCH-203	Archaeological Conservation	Cr. Hr. 03
-----------------	------------------------------------	-------------------

Course Description:

This course is a basic introduction to archaeological conservation, the processes affecting the condition of archaeological materials prior to excavation, during excavation, during analysis, exhibition and during reposition. This course will give archaeologists a good understanding of the materials they excavate and how to preserve artifacts and other materials. It will not qualify students to be professional archaeological conservators.

Course Outcomes:

After completing this course, the student would get familiarized with the basic techniques, principles of conservation, ancient materials, and conservation problems faced by the moveable and immoveable archaeological heritage.

Course Contents:

WEEK 1:

Module - 1: Introduction

- Definition, terminologies and basic concepts.

WEEK 2:**Module - 2:** History of Conservation.**WEEK 3:****Module - 3:** Degrees of Intervention.**WEEK 4:****Module - 4:** Ethics of Conservation.**WEEK 5:****Module - 5:** Principles of Conservation.**WEEK 6:****Module - 6:** International Charters of Conservation for the Conservation and Restoration of Archaeological Sites/Monuments:

- The Venice Charter 1964.
- The Florence Charter 1981.
- The Washington Charter 1987.
- Charter for the protection and Management of the Archaeological Heritage 1996.
 - The Burra Charter (The Australian National Committee of ICOMOS ,1999)

WEEK 7:**Module - 7: Documentation of Archaeological Sites/Monuments.**

- Photographic Documentation.
- Plane Table Survey.
- Triangulation.
- Theodolite.
- Total Station.

WEEK 8:**Module - 8: Materials:**

- Study of different materials like Baked Brick, Unbaked Brick, Lime, Stone, \ Mud and Wood.

- Chemical Analysis of different mortars used by the builders in the construction of old buildings.

WEEK 9:

Module - 9: Factor Contributing to the Deterioration of Monuments / Sites:

- Man Made Damages:
Exhaust of vehicles, Fire, Encroachment, Faulty services like water supply and sewer lines, Traffic vibration. Industrial pollution and defective conservation work.
- Natural Damages:
Sun light, Thunderstorm, Winds, Windblown sand, Floods, Snow, Salinity, Rising of water table, Rains, Plants, animals and Earthquakes.

WEEK 10:

Module - 10: Steps for the Conservation:

- Study of Symptoms.
- Identification of Problems.
- Treatment.

WEEK 11:

Module - 11: Conservation of Structural members of the monuments:

- Arches, Vaulting, walls, door openings, foundation, beams, columns, Domes.

WEEK 12:

Module - 12: Conservation of decorative elements of the monuments:

- Fresco Painting, Stucco Tracery work, Pietra Dura work, Inlay Work, Stone Carving, Mirror Work, Tessellated Flooring and Tile Mosaic work.

WEEK 13:

Module - 13:

Use of Modern Techniques in Conservation of Site/Monuments.

WEEK 14-16:
Practical

- Documentation of a Monumental building.
- Study and Identification of the conservation problems faced by the site/monument and their treatment in accordance with prevailing conservation principles.
- Preparation of Development Plan of the Site/ Monument with special reference to boosting safe tourism.
- Study of environment of the Monument.

Recommended Readings

- 1) Marshall, J. Conservation Manual, India, 1923.
- 2) Feilden, Bernard. Conservation of Historic Buildings, England, 1982.
- 3) Feilden, Bernard. Between Two Earthquakes, 1987 (A joint publication of ICCROM and Getty Conservation Institute)
- 4) Robson, Patrick. Structural Repair of Traditional Buildings, England, 1999.
- 5) Biswas, S.S. Conservation and Restoration of Brick Architecture, India, 2008.
- 6) Watkins, P., N. Eyre, M. Holland, A. Rabal, N. Short , Impact of Air Pollution on building Materials, England,2000.
- 7) (Museums and Monuments-XIV), Preserving and Restoring Monuments and Historic Buildings, UNESCO Paris, 1972.
- 8) Doehne, Eric. A. Price Clifford. Stone Conservation, An overview of Current Research, The Getty Conservation Institute Los Angeles, 2010.
- 9) Chandra, Satish. History of Architecture and Ancient Building Materials in India, India, 2003.

TH-204	Sustainable Tourism	Cr. Hr. 03
---------------	----------------------------	-------------------

Course Description:

This course introduces the concepts and principles associated with sustainable tourism development, emphasizing on their implications for management and planning purposes. Topics to be addressed include concept, justification and evolution of sustainable development; socio-cultural, economic, and environmental dimensions of sustainable tourism; positive and negative impacts of tourism development; and principles conducive to sustainable tourism planning and community development. Given that each case of tourism development is unique, examples from the U.S. and around the world will be used to examine and discuss issues and practices of sustainable tourism development within different geo-cultural contexts. This course adopts the Problem-Based Learning format, which promotes and enhances students' analytical skills, problem solving skill and team working skills.

Course Outcomes:

After Completion of this course the students will be able to understand the philosophy, scope and principles of sustainable development, differentiate sustainable versus non-sustainable practices in tourism developments along with identifying challenges, weaknesses, and strengths of sustainable tourism within different geo-cultural contexts. It will enable them to recognize socio-cultural, environmental and economic impacts of tourism at the individual, community, and greater society levels identify strategies to mitigate negative impacts and enhance positive impacts of tourism within a holistic approach. They will be able to evaluate and monitor indicators of community development recognize different types of niche tourism activities (e.g., volunteer tourism; agri-tourism) with the capacity to foster sustainable community development and improve student's analytical and critical thinking as well as their communication skills.

Course Contents:

WEEK 1:

Module - 1:

An Overview of Sustainability and Development

WEEK 2:

Module - 2: Introduction to Sustainable Tourism

- Historical Background.
- Nature and Scope of Sustainable Tourism.
- Key Issues in Sustainable Tourism

WEEK 3:**Module - 3:**

A critique of Current thinking in Sustainable Tourism.

The new approach to sustainable tourism.

WEEK 4:**Module - 4: Dimensions of Sustainable Tourism**

Sustainable Tourism Management: The Socio-cultural Dimension

WEEK 5:**Module - 5:**

Sustainable Tourism Management: The Environmental Dimension

WEEK 6:**Module - 6:**

Sustainable Tourism Management: The Economic Dimension.

WEEK 7:**Module - 7:**

Indicators of Sustainable Tourism

WEEK 8-9:**Module - 8: The Key Actors in Sustainable Tourism**

- The Public Actors
- The industry (tour operators/hoteliers)
- The Voluntary Sector
- The Host Community
- The Media
- The Tourist
- The NGOs/INGs

WEEK 10-11:**Module - 9: Sustainable Tourism in Different Geographical Locations**

- Coastal Areas and the Sea
- Rural Areas
- Urban Areas

- Mountainous Regions
- Islands
- Wetlands

WEEK 12-13:**Module - 10:**

Global Sustainable Tourism Criteria

WEEK 14-15:**Module - 11:**

Sustainability and Tourism Policies

WEEK 16:**Module - 12:**

Tourism and Sustainable Development Goals (SGDs)

Recommended Readings:

- 1) Sustainable Tourism Management by John Swarbrooke.
- 2) UNWTO and UNEP (2005) Making Tourism More Sustainable: A Guide for Policy Makers, UNWTO, Madrid and UNEP, Paris
- 3) UNWTO (2004) Indicators of Sustainable Development for Tourism Destinations – Guidebook, UNWTO, Madrid
- 4) World Tourism Organization, (2002). Guide for local authorities on developing sustainable tourism. Madrid: WTO.
- 5) Cooper, C., (1993). Tourism: Principle and Practices. Pitman Publishing: London.
- 6) Diaz Benavides, D., (2001). The sustainability of International Tourism in Developing countries. In UNLDC ed. Tourism in the Least Developed Countries. Geneva: UNLDC.
- 7) Dwyer, L., Forsyth, P., Rao, P., (2000). The price competitiveness of travel and tourism: a comparison of 19 destinations. Tourism Management, 21, 9-22.
- 8) Dwyer, L., Forsyth, P., Spurr, R., (2004). Evaluating tourism's economic effects: new and old approaches. Tourism Management, 25, 307-317.
- 9) Font, X., Bendell, J., (2003). Standards for Sustainable Tourism for the Purpose of Multilateral Trade negotiations. In WTO ed. Studies in relation to trade negotiations on tourism services. Madrid: WTO.

- 10) Frechtling, D.C., (1999). The tourism satellite account: foundations, progress and issues. *Tourism Management*, 20, 163-170.
- 11) Frechtling, D.C., Horvath, E., (1999). Estimating the Multiplier Effects of Tourism Expenditures on a local Economy through a Regional Input-Output Model. *Journal of Travel Research*, 37, 324-332.
- 12) Go, F. M., Gover, R., (2000). Integrated quality management for tourist destinations: a European perspective on achieving competitiveness. *Tourism Management*, 21, 79-98.
- 13) Gollub, J., Hosier, A., Woo, G., (2003). Leakages and Linkages in the Tourism Sector. In WTO ed. *Studies in relation to trade negotiations on tourism services*. Madrid: WTO.
- 14) Gooroochurn, N., Sugiyarto, G. (2005). Competitiveness Indicators in the Travel and Tourism Industry. *Tourism Economics*, 11 (1), 25-43.
- 15) Honek, D., (2001). Tourism and the General Agreement on Trade and Services. In UNLDC ed. *Tourism in the Least Developed Countries*. Geneva: UNLDC.
- 16) Jenner, P., Smith, C., (1992). The tourism Industry and the environment. Special report n 2453 Economist Intelligence Service. London.
- 17) Ko, T.G., (2005). Development of a tourism sustainability assessment procedure: a conceptual approach. *Tourism Management*, 26 (3), 431-445.
- 18) Lee-Smith, S., (1997). Community-based indicators: a guide for field workers carrying out monitoring and assessment at the community level. In IUCN ed. *An approach to assessing progress toward sustainability: Tools and training series for institutions, field teams and collaborating agencies*. Gland: IUCN.
- 19) Liu, Z.H., (2003). Sustainable Tourism Development: A Critique. *Journal of sustainable tourism*, 11 (6), 459-475.
- 20) World Tourism Focus(<http://www.tourismfocus.com/menu/menu.php>)
- 21) Global Sustainable Tourism Criteria ([https://www.gstcouncil.org/en/gstc-criteria-hotels-tour operators-destinations/sustainable-tourism-gstc-criteria.html](https://www.gstcouncil.org/en/gstc-criteria-hotels-tour-operators-destinations/sustainable-tourism-gstc-criteria.html))
- 22) Tourism and Sustainable Development Goals (<http://icr.unwto.org/content/tourism-and-sdgs>)
- 23) Journal of Sustainable Tourism(<http://www.tandfonline.com/toc/rsus20/current>)
- 24) Journal of Tourism Challenges and trends(<http://journalstct.ro/>)
- 25) Russian Journal of Sustainable Tourism(<http://lumarx.com/Aboutrjst.html>)

ARCH-203	Archaeological Heritage of Pakistan	Cr. Hr. 03
----------	-------------------------------------	------------

Course Description:

Pakistan is rich in archaeological heritage and home of two major civilizations i.e., Gandhara Civilization and Indus Valley Civilization. This course introduces the students to the heritage sites of different periods i.e., from Stone Age to recent times. During the course of study, they will acquire basic knowledge about all the importance archaeological sites of Pakistan.

Learning Outcomes:

After completion, the student would be able to analyze and explain administrative and cultural boundaries of the present-day Pakistan.

Course Contents:**WEEK 1-3:****Module - 1: Introduction**

- Stone age to first agricultural communities

WEEK 4-6:**Module - 2: Urban revolutions**

- First Urbanism and its downfall (2600 to 5th century BC)
- Second Urbanism 5th century BC

WEEK 7-9:**Module - 3:**

- Religions and their socio-political Role
- Buddhism, Hinduism, Jainism, etc

WEEK 10-13:**Module - 4:**

- Establishment of Kingdoms/Empires: regional/ provincial perspective; focus must remain on cities, monuments etc.

WEEK 14-16:**Module - 5:**

- Establishment of States: regional/provincial perspective; focus must remain on cities, monuments etc.

Recommended Readings:

- 1) Agrawal, D. P. and Chakrabarti, D. K., eds. *Essays in Indian Protohistory*, Delhi, 1979.
- 2) Agrawal, D. P. *Archaeology of India*, Great Britain, 1985.
- 3) Agrawal, D. P. *The Copper-Bronze Age in India*, Delhi, 1971.
- 4) Allchin, B. and Allchin, R. *The Birth of Indian Civilization*, London, 1968.
- 5) Allchin, B. and Allchin, R. *The Rise of Civilisation in India and Pakistan*, Cambridge University Press, 1982.
- 6) Allchin, F. R. *Lewan and the Bannu Basin*, Oxford, 1986.
- 7) Allchin, F. R. *Neolithic Cattle-Keepers of South India*, Cambridge, 1963.
- 8) Allchin, F.R., Allchin, B., Durrani, F. A. and Khan, F. *Lewan and the Bannu Basin*, Great Britain, 1986.
- 9) *Ancient Pakistan*, University of Peshawar, (relevant volumes.).
- 10) Asthana, S. *Pre-Harappan Cultures of India and the Borderlands*, New Delhi, 1985.
- 11) Chakrabarti, D. K. *The External Trade of the Indus Civilisation*, Delhi, 1990.
- 12) Dales, G. F. and Kenoyer, M. *Excavations at Moenjodaro, Pakistan: The Pottery*, Pennsylvania, 1986.
- 13) Dani, A. H. *Indus Civilization—New Perspective*, Islamabad, 1981.
- 14) Fairservis, W. A. *The Roots of Ancient India*, 2nd ed., Chicago, 1975.
- 15) Fairservis, W. A. *The Origin, Character and Decline of an Early Civilization*, 1967.
- 16) Gupta, S. P. *Archaeology of Soviet Central Asia and the Indian Borderland*, Vols. I & II, Delhi, 1979.
- 17) Jacobson, J., ed., *Studies in the Archaeology of India and Pakistan*, New Delhi, 1986.
- 18) Kenoyer, M. *Ancient Cities of the Indus Valley Civilization*, Oxford, 1998.
- 19) Khan, F. A. *The Glory that was Harappa*, Karachi, n.d.
- 20) Khan, F. A. *Preliminary Report on Kot Diji Excavations 1957-8*, Karachi, 1958.
- 21) Khan, F. A. *The Indus Civilization and Early Iran*, Karachi, 1964.
- 22) Khan, F. A. *The Kot Diji Culture*, Khairpur University, 2002.
- 23) Lal, B. B. *The Earliest Civilization of South Asia*, New Delhi, 1997.
- 24) Mackay, E.J. *Further Excavations at Mohenjo Daro*, Delhi, 1938.
- 25) Mackay, E.J. *Chanhudaro Excavation 1935-36*, New Haven, 1943
- 26) Masrshall, J. *Mohenjo Daro and the Indus Civiisation*, London, 1931.
- 27) Mughal, M. R. *Ancient Cholistan*, Lahore, 1998.
- 28) Mughal, R. *Present Stage of Research on the Indus Valley Civilisation*, Karachi, 1973.
- 29) *Pakistan Archaeology (relevant volumes)*.

- 30) Possehl, G., ed., *Ancient Cities of the Indus*, 1979.
- 31) Possehl, G., ed., *Harappan Civilisation*, New Delhi, 1982.
- 32) Possehl, G., ed *Ancient Cities of Indus*, New Delhi, 1979.
- 33) Possehl, G., ed *Harappan Civilization: Contemporary Perspective*.
- 34) Possehl, G., ed *The Indus Civilisation in Saurashtra*, New Delhi, 1980.
- 35) Basham, A. L. *History and Doctrines of the Ajivikas*, London, 1951.
- 36) Bhandarkar, R.G. *Vaishnavism, Saivism and Minor Religious Sects*, Strassburg, 1915.
- 37) Conze, E. *Buddhism, Its Essence and Development* 2nd ed. Oxford, 1953.
- 38) Davids, R. T. W. *Buddhism, Its History and Literature*, 2nd ed. London. 1926.
- 39) Dowson, J. *A Classical Dictionary of Hindu Mythology and Religion*, 7th ed. London, 1950.
- 40) Farquhar, J. N. *A Primer of Hinduism*, London, 1912.
- 41) Keith, A. B. *Buddhist Philosophy in India and Ceylon*, Oxford 1923.
- 42) McGovern, W. N. *Manual of Buddhist Philosophy*, London, 1923.
- 43) Stevenson, S. *The Heart of Jainism*, Oxford, 1915.
- 44) Thomas, E. J. *History of Buddhist Thought*, London, 1933.
- 45) Thomas, E. J. *The life of the Buddha as Legend and History*, London, 1975.
- 46) Thomas, E. J. *History of Buddhist Thought* 2nd ed., London, 1951.

Semester-IV

Course Code	Category	Course Title	Credit Hours
ENG-251	Univ. Optional	English-IV	3(3+0)
ARCh-252	General-VII:	Folk Heritage of Pakistan	3(3+0)
GEOG-253	General-VIII:	Geographic Information System and Remote Sensing	3(3+0)
ARCH-254	Foundation-IV:	Stone Age Cultures of Pakistan	3 (3+0)
ARCH-255	Foundation-V:	Bronze Age Cultures of Pakistan	3 (3+0)
			15

ENG-251	English-IV	Cr. Hr. 03
----------------	-------------------	-------------------

Course Description:

This course is selected to make students to improve their spoken, written, and non-verbal communication along with improving their reading skills.

Course Outcomes:

The student will learn a variety of written, verbal, non-verbal and reading skills. Students will also learn about effective communication skills, communication barriers, the appearance of business messages, reading comprehension strategies, critical writing, and research proposal writing.

Course Contents:**WEEK 1-3:****Module -1: Effective Communication**

- Nature and process of communication
- Characteristics of Effective Communication
- Basic Forms of Communication
- Communication Barriers

- Guidelines for Overcoming the barriers.

WEEK 3-6:

Module - 2: Writing Business Messages

- The importance of appearance
- Stationary, Letterhead, Layout of the Letter
- Important aspects of format
- Three styles of Letter

WEEK 7-9:

Module - 3: Verbal and Non-Verbal Communication

- Types of verbal communication (written, electronic and spoken communication)
- Interpersonal Communication
- Organizational Communication
- Mass Communication
- Non-verbal Communication
- Function of Non-verbal Communication
- Characteristics of Non-Verbal Communication
- Types of Non-verbal communication

WEEK 10-12:

Module - 4: Basic Concepts

- Skimming
- Scanning
- Extensive Reading
- Intensive Reading
- Precise Writing
- Reading Comprehension

WEEK 13-16:

Module - 5: Writing

- Critical Writing
- How to write a research Proposal
- How to write a Bibliography

Recommended Readings / Websites:

- 1) Effective Writing By: Jean Withrow
- 2) English Language Skills By: Grace Tan
- 3) www.creativewriting.com
- 4) Reading Advanced By: Brian Tomlinson and Rod Ellis
- 5) www.fedezx.com
- 6) Business Communication Today, Ed. 7, By: Courtland L. Bovee & V. Thill

ARCh-252	Folk Heritage of Pakistan	Cr. Hr. 03
-----------------	----------------------------------	-------------------

Course Description:

This course will impart a comprehensive knowledge of various folk cultures of Pakistan. Pakistan has a rich folk heritage. The region features unique food ways, folklores, music, local economies, linguistic anomalies and vernacular architecture. Students will learn to explore a wide variety of subjects and issues through research and collection of cultural materials, critical analysis of findings, and clear and cohesive presentation of their interpretations of their work. This course will focus on Pakistan exploring and analyzing the range of diversity. Focused on the intersections between cultures and regions within Pakistan, we will pay particular attention to diverse communities of people throughout different region, including but not limited to ethnically diverse populations, rural and urban communities, and politically diverse cultural groups.

Course Outcomes:

After completion of this course, students will be able to understand the basic concept of folk heritage. It will enable students to understand the folk heritage of different geographical locations of Pakistan.

Course Contents:**WEEK 1-2:**

Module 1: Introduction

WEEK 3-4:

Module 2: The land • Physical regions • Economy • The languages • Socio-religious groups • Folk cultures

WEEK 5-6:

Module 3: Folk Culture of Northern Areas and Kashmir • Kalash Valley Culture • Indus and Swat, Kohistani Cultures • Hunza Ismaili Culture • Kashmiri Culture

WEEK 7-8:

Module 4: Folk Cultures of the N.W.F.P. • Different ethnic groups • Settlement Patterns and house types • Occupations • Kinship, marriage, and family • Socio-economic patterns • Traditional values and Folk lore • Literature, music, and dance • Arts and crafts

WEEK 9-10:

Module 5: Folk Cultures of Baluchistan • Different ethnic groups • Settlement Patterns and house types • Occupations • Kinship, marriage, and family • Socio-economic patterns • Traditional values and Folk lore • Literature, music, and dance • Arts and crafts

WEEK 11-13:

Module 6: Folk Cultures of Sindh • Different Ethnic groups • Settlement patterns and house types • Occupations • Socio-economic patterns • Kinship, marriage, and family • Traditional values and Folk lore • Literature, music, and dance • Arts and crafts

WEEK 14-16:

Module 7: Folk Cultures of the Punjab • Different Ethnic groups • Settlement patterns and house types • Occupations • Socio-economic patterns • Kinship, marriage, and family • Traditional values and Folk lore • Literature, music, and dance • Arts and crafts

Recommended Readings

1. Ahmed, A.S. Millennium and Charisma among Pathans, London, 1976.
2. Buddulph, J. Tribes of the Hindoo Koosh, Karachi, 1973.
3. Caroe, O. The Pathans, rpt. Karachi, 1992.
4. Dani, A.H. The Cultural History of Northwest Pakistan, Year Book of the American Philosophical Society, Philadelphia, 1960.
5. Elliot, J.G. The Frontier 1849-1947, London, 1968.
6. Gankavsky, V. The Peoples of Pakistan ▽ An Ethnic History, Jettmar, K. Cultures of the
7. Hindukush, Journals: All related journals through Pakistan
8. Khan, A.Z. History and Culture of Sind, Karachi, 1980.
9. Maloney, C. Peoples of South Asia, Pehrson, R.N. The Social Organization of the Marri
- Baloch Qadri, K. Baloch Tribes (Urdu) Qureshi, S. Legacy of the Indus Robertson, G.S. The Kafirs of the Hindukush, rpt. Karachi, 1974.
10. Seledtion from the Govt. Records, Baluchitan through the Ages, (Vols. I & II) Wileley, J.M. Punjabi Musalman

GEOG-253	Geographic Information System and Remote Sensing	Cr. Hr. 03
-----------------	---	-------------------

Course Description:

This course has been designed to impart practical experience in use and interpretation of geographic/spatial data through GIS. The course will provide comprehensive instruction in the underlying concepts and principles of geographic information system (GIS) technology and its application to the analysis of environmental data. The focal point of the course includes fundamental understanding of spatial data acquisition, geo-processing, geo-statistical methods; visualization, and querying of spatial data; network modeling, terrain mapping, and spatial analysis. Students are trained to become proficient in usage of ESRI ArcGIS 9.X software through extensive computer lab sessions.

Course Outcomes:

On successful completion of the course, students will be able to understand main concepts that define Geographic Information Systems, describe the geographic space with concepts and terms commonly used to build operating models in GIS, use diverse techniques and instruments adequately to measure, locate and find in a field, photo-interpret basic environmental and socioeconomic variables using photographs, know and use GIS and its geo-processes and functions. The students will be able to know and apply some basic techniques to thematic mapping design describe Remote Sensing concepts, physical fundamentals and components and adequately use vocabulary, terminology and nomenclature of the discipline. After completion they will also know about main remote sensing systems and programs (sensors, platforms, etc.) and assess its potential to spatial analysis along with knowledge and use of main methods to improve, correct and interpret properly Remote Sensing Images. They will be able to use GIS software to perform different spatial analysis and satellite image digital analysis, prepare documents of medium complexity, consisting of text, maps, graphs and tables to clearly present the design specifications of a data model for GIS application.

Course Contents:

Theory:

WEEK 1-2:

Module - 1: Remote Sensing:

- Fundamentals of Remote Sensing.
- History and Data Collection (Acquisition).
- Advantages and limitation of the process.
- Energy Sources.
- Energy matter in the atmosphere.
- Aerial Photography history and platforms.
- Active and Passive remote sensing.
- Remote sensing of vegetation and landscape.
- Introduction to photogrammetry.
- Satellite Imageries, Image processing interpretation.
- Preparation of thematic maps.

WEEK 3-4:

Module - 2: Geographic Information System:

- Fundamentals of GIS.
- Integration with other technologies and its importance.
- Data acquisition, analysis and output.
- Types of data used in GIS.
- Cartography Map projection and coordinate systems.

WEEK 5-6:

Module - 3: Contribution

GIS's contribution in sustainability of Cultural and Natural resources.

WEEK 7-8:

Module - 4: GIS in Tourism and Hospitality Management

- GIS and its Role in Tourism and Hospitality Management.
- Promotion and Marketing.

WEEK 9-10:

Module - 5: GIS and Archaeology

- GIS and its Role in Archeology.

WEEK 11-12:

Module - 6: GIS and Cultural Heritage

- GIS and its role in Cultural Heritage Management
- Protection, Promotion and Management of Cultural Assets.

WEEK 13-14:**Module 7: Institutions Working in Pakistan**

- Relevant Pakistani institutions working in GIS.

WEEK 15-16:**Lab Work:****Arc GIS Tool:**

- Introduction to Arc View.
- Data Entry and output.
- Using and reading GPS in field.
- Different types of Maps.
- Reading Maps (Maps Characteristics).

Recommended Readings:

- 1) Introduction to Remote Sensing by James.B.Campbell and Randolph. H Wyne
- 2) An Introduction to GIS by David.J. Beckly.
- 3) Getting Started with ARC GIS by Bob Booth and Andy Mitchell.
- 4) Remote Sensing and Image Interpretation. Thomas Lillesand(Author),Ralph W. Kiefer (Author), Jonathan Chipman Wiley; 6th edition (2007)ISBN-10:0470052457
- 5) Fundamentals of remote sensing and air photo interpretation Prentice Hall series in geographic information science, Authors Thomas Eugene Avery,Graydon Lennis Berlin 5thEdition, 2009 ISBN0023050357
- 6) A Primer of GIS-fundamentals Geographic and Cartographic Concepts. Harvey, F. Guilford Press New York, 2009.
- 7) Introduction to GIS. Campbell. McGraw-Hill Education. 2008.
- 8) Remote Sensing of the environment: An Earth perspective. Jensen, R.Pearsons Education, Inc. 2000

ARCH-254	Stone Age Cultures of Pakistan	Cr. Hr. 03
-----------------	---------------------------------------	-------------------

Course Description:

This course introduces the students to the physical and cultural development of humankind subsisting on food gathering, hunting, and fishing in Stone Age. Human developed their culture with the passage of time and left fragments of their sociocultural systems in the form of material remains. During the course, students study those assemblages of stone artifacts developed during the course of time in Pakistan.

Learning Outcomes:

After having studied the course, the student would be able to understand cultural and technological development of the Stone Age people.

Course Contents:**WEEK 1-4:**

Module 1: Introduction

WEEK 3-6:

Module 2: Palaeolithic (Lower, Middle and Late): Soan Valley, Sanghao Cave, Rohri Hills

WEEK 7-9:

Module 3: Mesolithic: Thar Desert, Khanpur Cave, Rohri Hills, Bannu, Karachi, Chilas, Jamal Garhi Cave, and Kirthar Range.

WEEK 10-12:

Module 4: Neolithic: Mehrgarh, Jhandi Babar, Kili Gul Muhammad, Gumla, Sheri Khan Tarakai, Sarai Khola and Jalilpur.

WEEK 13-16:**PRACTICAL:**

- General Map of the region indicating physical features
- Location of prehistoric sites and monuments on the map
- Identification of characteristic features of various sites/periods
- Visit to sites and monuments in the area
- Report on the above

Recommended Readings:

1. Agrawal, D. P. *Archaeology of India*, Curzon Press Ltd., London, 1982.

2. Agrawal, D.P. & R.K. Sood, – ‘Ecological factors and the Harappan Civilization’, In Possehl, G.L. (ed.), *Harappan Civilization: A Contemporary Perspective*. Oxford & IBH Publishing Co., New Delhi, Bombay, Calcutta, 1982, pp 223-31.
3. Ahmad, K.S., ‘Climatic Regions of West Pakistan’, *Pakistan Geographical Review*, 6/1, 1951:pp. 1-35.
4. Allchin, R & B. *The Rise of Civilisation in India and Pakistan*, UK, 1982.
5. Allchin, B., ‘The Discovery of Palaeolithic Sites in the Plains of Sindh and their Implications’, *The Geographical Journal*, 142(3): 1976, pp.471-89.
6. Allchin, B., ‘Stone Blade Industries of Early Settlements in Sindh as Indicators of Geographical and Socioeconomical change’, In *South Asian Archaeology 1977* (ed.) M. Taddei, Naples, 1979, pp.173-212.
7. Khan, F., Knox, J. R. & Thomas, K. D. *Explorations and Excavations in Bannu District of North West Frontier Province of Pakistan*, 1985-1988, London, 1991.
8. Khan, F., Knox, J. R., Thomas, K. D., Petrie, C. A. & Morris, J.C. *Sheri Khan Tarakai and early village life in the borderlands of north-west Pakistan*, Petrie, C. A. (ed.). Bannu Archaeological Project Monographs - Volume 1, Oxbow Books, Oxford. 2010.
9. Paterson, T. T., and Drummond, H. J. H. *Soan the Palaeolithic of Pakistan*, Karachi, 1962.
10. Rendell, H. M., Dennell, R. W. & Halim, M. A. *Pleistocene and Palaeolithic Investigations in the Soan Valley, Northern Pakistan*, Oxford, 1989.
11. Salim, M., *The Middle Stone Age Cultures of Northern Pakistan*, Islamabad, 1986.
12. De Terra, H. and Paterson, T. T. *Studies on the Ice Age in India and Associated Human Cultures*, Washington, 1939
13. Dennell, R.W., Rendell, h.M. and Halim, M.A., 1985 – New Perspectives on the Palaeolithic or Northern Pakistan, In *South Asian Archaeology 1983* (eds.) J Schotsmans, M. Taddei, pp.9-20, Nepales.
14. Rendell, H. and Dennell, R.W. 1985 – Dated Lower Palaeolithic Artifacts from Northern Pakistan, *Current Anthropology*, 26(3): 393.
15. Sankalia, H.D., 1976, – *The Early and Middle Palaeolithic Cutlures in India and Pakistan*, In *Le Paleolithique Inferieur et Moyen en Indie, en Asie Centrale, en chine et dans le sud-est Asiatique*. Colloque VII UISPP (Nice): 7-30.

Journals:

Ancient Pakistan

Ancient Sindh

Frontier Archaeology

Pakistan Archaeology

Lahore Museum Bulletin

Journal of Asian Civilizations

Pakistan Heritage

ARCH-255	Bronze Age Cultures of Pakistan	Cr. Hr. 03
-----------------	--	-------------------

Course Description

This course introduces the students to the cultural and artistic development of humankind since man had invented the art of metallurgy, and built houses and urban centers like Harappa and Mohenjodaro. Different artistic activities such as potter making, weaving, writing, domestication of plants and animals and sea and land trade and commerce also took place in this period of Human history.

Course Outcomes

After completion of this course, the student would be able to analyze origin and evolution of Bronze Age Cultures of Pakistan and will know about the developmental stages of human history.

Course Contents**WEEK 1-10:****THEORY:**

- Introduction
- Indus Urbanization (Early, Mature and Late Period): Mehrgarh, Jhandi Babar, Amri, Kot Diji, Rahman Dheri, Gandi Umar Khan, Maru, Nausharo, Harappa, Mohenjo Daro
- Post Indus Period (Pirak, Jhukar, Jhangar, Cemetery-H).
- Gandhara Grave Sites in Taxila, Swat, Dir, Chitral, the Peshawar valley and the emergence of Iron Age.

WEEK 11-16:
PRACTICAL:

- General Map of the region indicating physical features
- Location of sites and monuments on the map
- Identification of characteristic features of various sites/periods
- Identification of architectural and art factual features of various periods
- Visit to historical sites and monuments in the area

RECOMMENDED READINGS:

1. Agrawal, D. P. and Chakrabarti, D. K., eds., *Essays in Indian Protohistory*, Delhi, 1979.
2. Agrawal, D. P. *Archaeology of India*, Great Britain, 1985.
3. Allchin, F. R. *Lewan and the Bannu Basin*, Oxford, 1986.
4. Allchin, F. R. *Neolithic Cattle-Keepers of South India*, Cambridge, 1963.
5. Allchin, R & B. *The Rise of Civilisation in India and Pakistan*, UK, 1982. Asthana, S. *Pre-Harappan Cultures of India and the Borderlands*, New Delhi, 1985.
6. Chakrabarti, D.K. *The External Trade of the Indus Civilisation*, Delhi, 1990.
7. Dales, G. F. and Kenoyer, M. *Excavations at Mohenjodaro, Pakistan: The Pottery*, Pennsylvania, 1986.
8. Dani, A. H. *Indus Civilization New Perspective*, Islamabad, 1981.
9. Dani, A. H. *Recent Archaeological Discoveries in Pakistan*, UNESCO, Tokyo. 1988.
10. Kusumar: *Pre-Historic Chronology and Radiocarbon. The Copper-Bronze Age in India*, Delhi, 1971.
11. Kenoyer, M. *Ancient Cities of the Indus Valley Civilization*, Oxford, 1998.
12. Khan, F., Knox, J. R. & Thomas, K. D. *Explorations and Excavations in Bannu District of North West Frontier Province of Pakistan*, 1985-1988, London, 1991.
13. Khan, F. A. *The Glory that was Harappa*, Karachi, n.d.
14. Khan, F. A. *Preliminary Report on Kot Diji Excavations 1957-8*, Karachi, 1958.
15. Khan, F. A. *The Indus Civilization and Early Iran*, Karachi, 1964.
16. Khan, F. A. *The Kot Diji Culture*, Khairpur University, 2002.
17. Lal, B. B. and Gupta, SP. *Frontiers of the Indus Civilisation*, New Delhi, 1984.
18. Lal, B. B. *The Earliest Civilization of South Asia*, New Delhi, 1997.
19. Lal, B. B. *Sarasvati Flows On*, Delhi.
20. Mackay, E. J. *Further excavations at Moenjodaro*, Delhi, 1938.
21. Mackay, E. J. *Early Indus Civilization*, London, 1935.
22. Mackay, E. J. *Chanhudaro excavation 1935-36*, New Haven, 1943
23. Mughal, M. R. *Ancient Cholistan*, Lahore, 1998.
24. Mughal, M. R. *Present Stage of Research on the Indus Valley Civilization*, Karachi, 1973.
25. Possehl, G., ed., *Ancient Cities of the Indus*, 1979 ed., *Harappan Civilization*, New Delhi, 1982.
26. Rao, S.R. *Lothal and the Indus Civilization*, Bombay, 1973.
27. Sankalia, H.D. *Prehistory and Protohistory of India and Pakistan*, Poona, 1974.
28. Settar, S and Korisettar, R. *Indian Archaeology in Retrospective: Protohistoric Archaeology of the Harappan Civilisation*, Vol. II, New Delhi, 2002.
29. Shaffer, J. *Prehistoric Baluchistan*, New Delhi, 1979.

30. Urban, G and M. Jansen, (eds.), *Forgotten Cities on the Indus*, Germany, 1991.
31. Wheeler, S. M. *Civilizations of the Indus and Beyond*, London, 1966.
32. *The Indus Civilization*, Cambridge, 1968.

Journals:

Ancient Pakistan
 Ancient Sindh
 East and West
 Journal of Asian Civilizations
 Lahore Museum Bulletin
 South Asian Archaeology
 Pakistan Archaeology
 Pakistan Heritage.

Semester-V

Course Code	Category	Course Title	Credit Hours
ARCH-301	Foundation-VI:	Ancient Religions of Pakistan and India	3(3+0)
ARCH-302	Foundation-VII:	Field Archaeology	3 (3+0)
ARCH-303	Major-I:	Physical Anthropology	3(3+0)
ARCH-304	Major-II:	Ancient Civilizations	3(3+0)
ARCH-305	Major-III:	Indus Civilization	3(3+0)
			15

ARCH-301	Ancient Religions of Pakistan and India	Cr. Hr. 03
-----------------	--	-------------------

Course Description:

This course introduces the students to some of the major ancient religions followed during the course of time by the inhabitants of Pakistan and India. During the course historical and

comparative development of these religions will be studied. Development, teachings, and ritual practices of each tradition will be discussed as well as composition and development of various sacred texts, highlighting key themes and ideas within different historical and literary strata of traditions, such as mechanisms of revelation and struggle for religious authority.

Course Outcomes:

On completion, the student would be able to know about philosophy, beliefs, rituals and practices of religions embraced in ancient times by people of Pakistan and India.

Course Contents:

WEEK 1:

Module 1: Introduction

WEEK 2-6:

Module 2: Jainism

- Jain tradition regarding twenty-four *tirthankaras* (prophets)
- Parshva and Mahavira
- Mahavira's life sketch
- Importance of the Ardha Magadhi canon
- Mahavira's meeting with Goshala Mankhaliputta (head of the Ajivika sect)
- Vardhamana Mahavira and his doctrine
- Jainism after Mahavira
- Jain canon, philosophy and icons.

WEEK 7-11:

Module 3: Buddhism

- Buddhist literature
- Origin and development of Buddhism
- Teachings of Gautama Buddha
- Hinayana and Mahayana sects
- Tripitakas (i.e., Vinaya, Sutta and Abhidhamma Pitakas)

- Sthaviravadin School
- Evolution of the Great Vehicle (Mahayana)
- Mahasanghika and Sarvastivadins
- Adi Buddhas
- Bodhisattvas
- Lalitavistara
- Buddhist ethics and morality.

WEEK 12-16:

Module 4: Vedism, Brahmanism and Hinduism

- Vedas
- Upanishads and freedom of religious speculation
- Vaishnavism: Origin and evolution
- Vasudeva-Krishna and the Bhagavat sect
- The *Bhagavad-Gita*
- Vishnu's *avatars* (incarnations)
- The doctrine of four *vyuhas* (phases of conditioned spirit)
- Images and their emblems of identification
- Shaivism
- The Pasupata sect and its teachings
- Shaivism as a popular cult
- Maheshvara and Mahadeva
- Shaiva images
- Important gods and goddesses and their characteristic iconographic features.

Recommended Readings:

1. Basham, A. L. *History and Doctrines of the Ajivikas*, London, 1951. Bhandarkar, R. G. *Vaishnavism, Saivism and Minor Religious Sects*, Strassburg, 1915.
2. Conze, E. *Buddhism, Its Essence and Development*, 2nd ed. Oxford, 1953.
3. Davids, R. T. W. *Buddhism, Its History and Literature*, 2nd ed. London.1926.
4. Dowson, J. A. *Classical Dictionary of Hindu Mythology and Religion*, 7th ed. London, 1950.
5. Farquhar, J. N. *A Primer of Hinduism*, London, 1912.
6. Nasim Khan, M. *Treasures from Kashmir Smast – The Earliest Shivaite Monastic Establishment*. Peshawar. 2006
7. Nasim Khan, M. *Kharoshthi Manuscripts from Gamdhara* (Rprt.). Peshawar. 2009.
8. Nasim Khan, M. *The Sacred and the Secular. Investigating the Stupa and Settlement Site of Aziz Dheri, Peshawar Valley, Khyber Pukhtoonkhwa* (3 vols). Peshawar. 2010.
9. Nasim Khan, M, Errington, E and Cribb, J. *Coins from Kashmir Smast – New Numismatic Evidence*. Peshawar. 2008.
10. Keith, A. B. *Buddhist Philosophy in India and Ceylon*, Oxford 1923.
11. McGovern, W. N. *Mannual of Buddhist Philosophy*, London, 1923.
12. Shah, Ibrahim (2007) *Hindu Art in Pakistan: A Study Based on Museums Collection*, (PhD thesis, unpublished), Peshawar: Department of Archaeology, University of Peshawar
13. Stevenson, S. *The Heart of Jainism*, Oxford, 1915.
14. Thomas, E.J. *The life of the Buddha as Legend and History*, London,1975.
15. Thomas, E. J. *History of Buddhist Thought*, 2nd ed., London, 1951.
16. Hopkins, E. W. *Epic Mythology*, Strassburg, 1915.

ARCH-302	Field Archaeology	Cr. Hr. 03
----------	-------------------	------------

Course Description:

Field archaeology deals with the basic techniques of exploration, survey, recording and excavation of an archaeological mounds, settlement sites, grave yards, caves and rock shelters etc. and the preparation of detailed report to be presented to the readers after the completion of an archaeological campaign.

Course Outcomes:

The course will enable the students to the theory as well as practical methods of archaeological activities, particularly surveying and excavations for which they will have to attend practical works going on various archaeological sites and to utilize different tools and equipment used in the survey and excavation. On their return to classis, they will have to submit a detailed report of their activities in the field.

Course Contents:**WEEK 1-8:****Module - 1: Introduction**

- Concept, definition and scope of Archaeology
- The New Archaeology
- History of archaeological research in South Asia to the present
- The role of Archaeology in national development
- Archaeology as a scientific discipline.

Module - 2: Discovery

- How the ancient sites got buried
- Avenues leading to the discovery of a site
- Chance discoveries
- Aerial reconnaissance: satellite imagery, aerial photography.

Module - 3: Survey

- Geographical Information System (GIS)
- Global Positioning System (GPS)
- Map reading
- Interpretation of aerial photographs
- Photogrammetry

- Survey at ground level
- Chain survey
- Contour map
- Use of compass and theodolite
- Electron Distance Measurer (EDM) /Total Station, 3D Scanner
- Electrical resistivity survey
- Proton magnetometer
- Sound-wave survey

Module - 4: Excavation

- Organization of an archaeological excavation
- Excavation tools
- Lay-out of an excavation
- Excavation methods: sondages, grid-strip, quadrant, etc.
- Types of Excavation: vertical, horizontal, rescue, etc.
- Sampling
- Trial trench
- Demarcation of layers
- Sample collection: soil, pollen, wood, charcoal, bones, etc.

Module - 5: Excavation Problems

- Open hunting camps
- Caves and rock-shelters
- Villages and towns
- Religious buildings: monastery, Hindu temple, mosque, etc.
- Stupa
- Burials
- Mud-brick structures
- Wooden structures
- Pit excavation.

Module - 6: Recording

- Three dimensional measurements (=context)

- Graph plotting
- Record card
- Computer recording
- Field diary
- Archaeological photography
- Archaeological drawing.
- Artifacts distribution map

WEEK 9-16:

Module - 7: Pottery yard

- Layout of pottery-yard
- Washing/cleaning and registration
- Classification
- Typology
- Pottery tabulation

Module - 8: Registration, Cataloguing

- Accession register
- Cataloguing of antiquities
- Antiquity distribution map.

Module - 9: Time

- The “Three age system”
- Relative and absolute chronology
- Stratigraphy and law of superimposition
- Pleistocene geochronology
- Pollen analysis
- Varve analysis
- Ordering of artifacts
- Cross-dating with objects of known age
- Dendrochronology
- Thermo luminescence dating
- Radiocarbon dating
- Potassium-Argon dating

- Obsidian-hydration dating
- Fission-track method
- Archaeomagnetic dating.

Module - 10: Reconstruction of Environment, Subsistence and Economic Patterns

- Reconstructing ancient environments
- Palynology
- Subsistence patterns
- Animal bones
- Vegetal remains
- Agriculture
- Domestic and wild animals
- Birds, fish, and mollusks
- Rock art
- Ancient dietary patterns
- Interaction network system.

Module - 12: Ordering and Interpretation

- Seriation
- Typology
- Ethnographic analogy and comparative method
- Probability theory, statistical techniques
- Culture change: invention, migration and diffusion.

Module - 13: Computer

- Computer Application in the Analysis of Archaeological Data

Module - 14: Report Writing

Report Writing and Publication

Practical

- Pre-excavation exploration
- Archaeological surveying
- Use of survey equipment

- Site documentation: photographic, linear, visual
- Pre-excavation planning
- Excavation and documentation of archaeological features
- Three dimensional documentations of structures, artifacts, sections
- Handling, classification and tabulation of pottery in pottery-yard
- Application of basic conservation techniques to artifacts in the field
- Maintenance of field diaries
- Artifacts drawing
- Use of computer-based techniques for seriation, cluster-analysis.

Recommended Readings:

- 1) Alexander, J. The Directing of Archaeological Excavations, London, New York, 1970.
- 10) Fleming, S. Dating in Archaeology, London, 1977.
- 11) Harris, E. C. Principles of Archaeological Stratigraphy, 2nd ed., London, 1989.
- 12) Harris, E. C., Principle of archaeological stratigraphy, New York: Academic Press, 1979, (downloadable for free at: <http://www.harrismatrix.com>).
- 13) Joukowsky, M. A Complete Manual of Field Archaeology,
- 14) Parkes, P. A. Current Scientific Techniques in Archaeology, London, 1986.
- 15) Renfrew, C. and Bahn, P. Archaeology: Theories, Methods and Practices, London, 1991.
- 16) Renfrew, C. (2000) Loot, Legitimacy and Ownership: the ethical crisis in Archaeology, London: Bristol Classical Press
- 17) Wheeler, R.E.M (1954), Archaeology from the Earth, Oxford: Clarendon Press
- 18) White, G.G. and T.F. King (2007), The Archaeological Survey Manual, Walnut Creek: Left Coast Press
- 19) Luca, M. O (2015). *Digging Up. Fieldwork Guidelines for Archaeology Students*, Lahore: Sang-e-Meel Publications
- 2) Atkinson, R. J. C. Field Archaeology, 2nd ed., London, 1953.
- 3) Barker, P. The Technique of Archaeological Excavation, London, 1983.
- 4) Binford L. R. and Binford S. R., eds., New Perspective in Archaeology, Chicago, 1968.
- 5) Bowman, S. Radiocarbon Dating, British Museum, London, 1990.
- 6) Butzer, K. W. Environment and Archaeology: An Introduction to Pleistocene Geography, 2nd ed., Chicago, 1971.
- 7) Coles, J. M. Archaeology by Experiment, London, 1973.
- 8) Daniel, G. E. 150 Years of Archaeology, Cambridge, 1976.

- 9) Doran, J. E. & Hodson, F. R. Mathematics and Computers in Archaeology, Edinburgh University Press, 1975.

ARCH-303	Physical Anthropology	Cr. Hr. 03
-----------------	------------------------------	-------------------

Course Description:

This course covers the scope, goals, and major discoveries of physical anthropology, dealing particularly with human biological evolution, the hominine fossil record, and present physical diversity.

Course Outcomes:

After completing this course, the student will comprehend different theories and stages of evolution, their physical features and environmental changes with respect to time and space. It will enable the student to analyze the development of lithic technology authored by the respective species of early man.

Course Contents:

WEEK 1-2:

Module 1: Introduction

- Concept, definition, main features and scope of Anthropology
- Main divisions of Anthropology: physical, cultural and social
- Relation of Anthropology with biological and social sciences
- Application of Anthropology in today's world.

WEEK 3-4:

Module 2: Life on Earth

- Life on earth
- Animal-kingdom
- Mammals, characteristic features of mammals
- Primate group, behavior of primate group
- Apes, characteristic features of apes.

WEEK 5-6:**Module 3: Evolution Theories**

- Scientific theories.
- Darwin Theory
- Elaine Morgan Theory
- Killer Ape Theory of Human Evolution
- Religious Theories

WEEK 7-8:**Module 4: Early Ancestors of Man**

- Ramapithecus
- Bipedalism
- Early hominid foot prints

WEEK 9-10:**Module 5: Australopithecines**

- Australopithecus Afarensis
- Australopithecus Africanus
- Australopithecus Robustus
- Australopithecus Boisei
- Zinjanthropus.

WEEK 11:**Module 6: Homo**

- Homo Habilis
- Homo Erectus: Pithecanthropus, Sinanthropus.

WEEK 12:**Module 7: Neanderthal man****WEEK 13:****Module 8: Homo Sapiens**

WEEK 14:**Module 9: Homo Sapiens (Modern man)****WEEK 16:****Module 10: Human genetics and Racial groups****Recommended Readings:**

1. Barnouw, V. *An Introduction to Anthropology*, (2 vols.), vol. 2, Ontario, 1971.
2. Beals, R. L. and Hoijer, H. *Anthropology Introduction to Anthropology*, 4th ed., New York, 1972.
3. Farb, P. *Humankind: A History of the Development of Man*, London, 1978.
4. Gowlett, J. W. *Ascent to Civilization*, London, 1984.
5. Hoebel, E. A. *Anthropology: The Study of Man*
6. Jacobs and Stern. *General Anthropology-A Brief Survey of Physical, Cultural and Social Anthropology*.
7. Kottak, C. P. *Cultural Anthropology*, New York, 1975.
8. Leakey, L. S. B. *Olduvai Gorge: 1951-61: A Preliminary report on the Geology and Fauna, Vol. 1*, Cambridge, 1964.
9. Oakley, K. P. *Framework for Dating Fossil Man*, London, 1964.
10. Oakley, K. P. *Man the Toolmaker*, 3rd ed., 1956.
11. Leakey, R. E., Leakey, M. G. and Walker, A. C. 1988 'Morphology of Afropithecus Turkanensis from Kenya', *Nature* 76, pp. 289-307.
12. Pilbeam, D. (1982) 'New hominoid skull material from the Miocene of Pakistan', *Nature*: 295, pp. 232-234.
13. Pilbeam, D., Rose, M. D., Barry, J. C., and Shah, S. M. I. (1990) 'New Sivapithecus humeri from Pakistan and the relationship of Sivapithecus and Pongo', *Nature* 348, pp. 237-239.
14. Pilbeam, D. (1996) 'Genetic and Morphological Records of the Hominoidea and Hominid Origins: A Synthesis', *Molecular Phylogenetics and Evolution*, Vol. 5, No. 1, February, pp. 155-168.

ARCH-304	Ancient Civilizations	Cr. Hr. 03
-----------------	------------------------------	-------------------

Course Description:

Ancient Civilization is the study of the achievements, contribution, causes of the development and downfall, and the legacy left by the famous civilizations of the world such as the Indus civilization, the Mesopotamian Civilization, the Egyptian civilization, the Greek and Roman Civilizations and the Persian and Chinese civilization etc.

Course Outcomes:

The course will enable the students to study different aspects of the famous civilizations of the world particularly, agriculture, art and architecture, astronomy and astrology and military organization etc.

WEEK 1-2:

Module - 1: Introduction

- Concept of culture and civilization
- Elements of civilization
- Basic conditions of civilization.

WEEK 3-4:

Module - 2: Mesopotamian Civilization

- Environmental background
- Early cultures of Mesopotamia
- Socio-political set-up of the Sumerians, Akkadians,
- Babylonians, Assyrians and Chaldeans
- Various aspects of civilization: art, architecture, writing, seals, religion and economy.

WEEK 5-6:

Module - 3: Egyptian Civilization

- Egypt geophysical history and its impact on local cultures
- Art and architecture
- Religion
- Writing system

- Contribution in literature, science, philosophy, medicine.

WEEK 7-8:

Module - 4: Chinese Civilization

- Shang Dynasty
- Chou Dynasty
- Chen Dynasty
- Han Dynasty
- Art and architecture
- Contributions in philosophy.

WEEK 9-10:

Module - 5: Iranian Civilization

- Origin of Iranian Civilization
- Achaemenians: history and formation of their empire
- Provincial administration system
- Zoroastrian Religion
- Art and architecture
- Cyrus
- Darius I and Darius II
- Sasanians.

WEEK 11-13:

Module - 6: Greek Civilization

- Origin and development of the Greek Civilization
- Origin of city states
- Hellenic and Hellenistic phases
- Art and architecture
- Literature
- Philosophy
- Science.

WEEK 14-16:

Module - 7: Roman Civilization

- Origin and development of Roman Empire

- General characteristics of Roman Culture
- Art and architecture
- Philosophy and science
- Roman law.

Recommended Readings:

- 1) Durant, W. The story of Civilizations our Oriental Heritage, New York, 1954.
- 2) Ralph and Burns, World Civilizations, New York, 1974.
- 3) Roaf, M. Cultural Atlas of Mesopotamia and the Ancient Near East
- 4) Smith, W. S. The Art and Architecture of Ancient Egypt, London, 1958.
- 5) Watson, W. Early Civilization of China, London, 1966.
- 6) Wenke, Rober. Pattern in Prehistory: Human Kinds First Three Million Years, (4th edn), Oxford.

ARCH-304	Indus Civilization	Cr. Hr. 03
-----------------	---------------------------	-------------------

Course Description:

This course introduces the students to the world known Indus Valley Civilization that emerged during prehistoric period on the banks of mighty River Indus. During the course students will learn about the origin, development, technological advancements, trade and ultimate decline of this civilization.

Course Outcomes:

After completion of this course, the student will be able to analyze different aspects of the Indus civilizations.

Course Contents:

WEEK 1-4:

Module 1: Introduction

- Terminology of the Indus Civilization
- Environmental background
- Discovery of the Indus Civilization

- Present state of research on the Indus Civilization.

WEEK 5-8:

Module 2: Early Indus Period (from Mehrgarh to the Rise of Mature Indus Period)

- Distribution of Settlements (Tochi-Gomal/Hakra/Amrian/Kot Dijian Harappan)
- Development of art and architecture
- Major settlements of Early-Indus Civilization.

WEEK 9-12:

Module 3: Mature Indus Period

- Settlement pattern
- Art and architecture
- Town planning
- Seals
- Major crafts
- The Indus script
- Trade relations
- Decline of the Indus Civilization.

WEEK 13-16:

Module 4: Late Indus Period

- Settlement pattern
- Late Indus Cultures in Sindh, Punjab, Balochistan, and Gujarat.

Recommended Readings:

1. Agrawal, D. P. and Chakrabarti, D. K., eds. Essays in Indian Protohistory, Delhi, 1979.
2. Agrawal, D. P. Archaeology of India, Great Britain, 1985.
3. Agrawal, D. P. The Copper-Bronze Age in India, Delhi, 1971.

4. Agrawal, D.P. & R.K. Sood, 'Ecological factors and the Harappan Civilization'. In Possehl, G.L. (ed.), *Harappan Civilization: A Contemporary Perspective*, Oxford & IBH Publishing Co., New Delhi, Bombay, Calcutta, 1982, pp 223-31
5. Allchin, B. and Allchin, R. *The Birth of Indian Civilization*, London, 1968.
6. Allchin, B. and Allchin, R. *The Rise of Civilization in India and Pakistan*, Cambridge University Press, 1982.
7. Allchin, F. R. *Lewan and the Bannu Basin*, Oxford, 1986.
8. Allchin, F. R. *Neolithic Cattle-Keeper of South India*, Cambridge, 1963.
9. Allchin, F. R., Allchin, B., Durrani, F.A. and Khan, F. *Lewan and the Bannu Basin*, Great Britain, 1986.
10. Asthana, S. *Pre-Harappan Cultures of India and the Borderlands*, New Delhi, 1985.
11. Chakrabarti, D. K. *The External Trade of the Indus Civilization*, Delhi, 1990.
12. Chakrabarti, D.K., *Indus Civilization Sites in India: New Discoveries*. Marg Publications Mumbai, 2003.
13. Cousens, H., *The Antiquities of Sindh*, 1929 (Repr. 1975)
14. Dales, G. F. and Kenoyer, M. *Excavations at Moenjodaro, Pakistan: The Pottery*, Pennsylvania, 1986.
15. Dani, A.H. *Indus Civilization, New Perspective*, Islamabad, 1981.
16. Fairservis, W. A. *The Roots of Ancient India*, 2nd ed., Chicago, 1975.
17. Fairservis, W. A. *The Origin, Character and Decline of an Early Civilization*, 1967.
18. Flam, Louis, *The Paleography and Prehistoric Settlement Patterns in Sindh, Pakistan (Ca.4000-2000 BC)*, Ph.D. Dissertation, University of Pennsylvania, Philadelphia, 1981.
19. Gupta, S. P. *Archaeology of Soviet Central Asia and the Indian Borderland*, Vols. I & II, Delhi, 1979.
20. Jacobson, J., ed., *Studies in the Archaeology of India and Pakistan*, New Delhi, 1986.
21. Kenoyer, M. *Ancient Cities of the Indus Valley Civilization*, Oxford, 1998.
22. Khan, F. A. *The Glory that was Harappa*, Karachi, n.d.
23. Khan, F. A. *Preliminary Report on Kot Diji Excavations 1957-8*, Karachi, 1958.

24. Khan, F. A. The Indus Civilization and Early Iran, Karachi, 1964.
25. Khan, F. A. The Kot Diji Culture, Khairpur University, 2002.
26. Lal, B. B. The Earliest Civilization of South Asia, New Delhi, 1997.
27. Mackay, E. J. Further Excavations at Mohenjo Daro, I Delhi, 1938.
28. Lal, B. B. Chanhudaro Excavation 1935-36, New Haven, 1943
29. Masrshall, J. Mohenjo Daro and the Indus Civilization, London, 1931.
30. Mughal, M.R. Ancient Cholistan, Lahore, 1998.
31. Mughal, R. Present Stage of Research on the Indus Valley Civilization, Karachi, 1973.
32. Mackay, F. J, Chanh-Jo-Daro Excavation 1935, Vol.20, American Oriental Society, American Oriental Series, New Holmen Connecticut, 1943.
33. Majumdar, N.G., 'Excavations at Jhukar', Annual Report of the Archaeological Survey of India 1927-28: 1931, pp.76-83.
34. Mughal, M. Rafique, 'Recent Archaeological research in the Cholistan Desert'. In Possehl, G.L. (ed.), Harappa: A Contemporary Perspective. Oxford & IBH Publishing Co., New Delhi, Bombay, Calcutta, 1982, pp.85-95.
35. Possehl, G., ed. Ancient Cities of the Indus, 1979.
36. Possehl, G., ed. Harappan Civilization, New Delhi, 1982.
37. Possehl, G. ed. Ancient Cities of Indus, New Delhi, 1979.
38. Possehl, Gregory L., The Indus Civilization: A Contemporary Perspective, Vistaar Publications, New Delhi, 2002.
39. Possehl, G. ed. The Indus Civilization in Saurashtra, New Delhi, 1980.
40. Rao, S. R. Lothal and the Indus Civilization, Bombay, 1973.
41. Sankalia, H. D. Prehistory and Protohistory of India and Pakistan, Poona, 1974.
42. Settar, S. and Korisettar, R. Indian Archaeology in Retrospective: Protohistoric Archaeology of the Harappan Civilization, Vol. II, New Delhi, 2002.
43. Shaffer, J. Prehistoric Baluchistan, New Delhi, 1979.
44. Urban, G. et al, eds. Forgotten cities on the Indus, Germany, 1991.

45. Various articles on preservation of Mohenjo Daro.
46. Vats, M. S. Excavation at Harappa, 2 Vols, New Delhi, 1940.

Semester-VI

Course Code	Category	Course Title	Credit Hours
ARCH-351	Foundation-VIII: Museum Studies	Museum Studies	3(3+0)
ARCH-352	Foundation-IX:	Cultural Tourism in Pakistan	3(3+0)
ARCH-353	Foundation-X:	Cultural Heritage Management	3(3+0)
ARCH-354	Major-IV:	Muslim History of South Asia	3(3+0)
ARCH-355	Major-V:	Cultural Anthropology	3 (3+0)
ARCH-356	Major-VI:	Provincial Cultural Heritage	3(3+0)
Credit Hours			18

ARCH-351	Museums Studies	Cr. Hr. 03
-----------------	------------------------	-------------------

Course Description

The course is focused on the purpose, function and importance of Archaeological Museums and its collection ranging from the Prehistoric period to the Ethnological artifacts.

Course Outcomes

On completion, the student would be able to know about the concept, origin, development, technical aspects, management and scope of the Museum.

Course Contents

WEEK 1-2:

1. Introduction

- Definitions of UNESCO, ICOM, ICCROM, AAM Management etc.

WEEK 3-4:**2. Museum and Its Function**

- Definition and its scope
- Origin and development of Museum
- Functions: collection, recording, preservation, exhibition and education
- Different types of museums
- History of Museology in Pakistan
- Problems and prospects of museums in Pakistan.

WEEK 5-6:**3. Museum Administration/Management**

- General organization
- Staff and their functions: Curator, technical, public-relation, educational, clerical, and contingent
- Collections: Primary documentation, study, research, storage and display.
- Fund generating and Marketing

WEEK 7-8:**4. Museum Security**

- Walkthrough gates
- CCTV cameras
- Security staff and equipment
- Digital scanners
- Burglar alarm
- Emergency alarm
- Walky-talky
- Other security essentials

WEEK 9-10:**5. Documentation**

- Record keeping: Registers/Computer punch cards
- Temporary accession
- Permanent accession
- Record of storage
- Gallery record.

WEEK 11-12:**6. Care and Storage of Museum Objects**

- Guidelines for handling of Museum objects
- Objects on display
- Objects in stores
- Storage conditions
- Accessibility
- Record of movement of museum exhibits & reserve
- Care against theft, dampness, dust, temperature, and light
- Care and repair of museum objects.

WEEK 13-14:

7. Museum Architecture

- Requirement of museum building
- Plan for a museum
- Storage facilities
- Display galleries
- Service facilities: Library, photography, offices, workshops, Laboratories, etc.
- Public facilities: Cafeteria, gift-shop, lavatories.

WEEK 15:

8. Museum Exhibition

- Permanent exhibition
- Planning and setting up an exhibition
- Showcase designing
- Labels
- Lighting
- Background of exhibits
- Mounting objects
- Temporary exhibition
- Travelling exhibition.

WEEK 16:

9. Museum Education Research Programme

- Educational programme of a museum: Lectures, seminars, film- shows and cultural-shows.
- Research and publications
- Research facilities in a museum
- Museum library
- Visit to different Museums

RECOMMENDED READINGS:

1. Buck, R. A. and Jean Allman (eds.) (2010) *Museum Registration and Methods*, 5th edn., Gilmore: The AAM Press
2. Burn, N. J. *Field Manual for Museums*, Washington D. C., n.d.
3. Dani, A. H. *A Survey of Museums and Archaeology in Pakistan*, Peshawar, 1970.
4. Dar, S. R. *Archaeology and Museums in Pakistan*, Lahore, 1977.
5. Dar, S. R. *Museology and Museum Problems in Pakistan*, Lahore 1980.
6. Dar, S. R. *Repositories of our Cultural Heritage: A Handbook of Museums in Pakistan*, Lahore, 1979.
7. Dudley, Sandra and Kylie Message (eds.) *Museum Worlds*, 2013
8. UNESCO, *The Organization of Museums*; *Museums Association of Pakistan*; *Canadian Museums Association*; *Studies in Conservation*; *International Council of Museums*; *Journal of the American Group for Conservation*; *Technology and Conservation*.
9. Shakoor, M. A. *Museum Studies and Archaeology*, Peshawar, 1953.
10. Simmons, John E. *Things Great and Small, Collection Management Policies*, AAM 2006
11. Singh, A. P. *Conservation and Museum Techniques*.
12. Thomson, G. *The Museum Environment: Conservation in the Arts, Archaeology and Architecture Series*, London, 1978.
13. UNESCO, *Handbook of Museum Conservation*.

ARCH-352	Cultural Tourism in Pakistan	Cr. Hr. 03
----------	------------------------------	------------

Course Description:

The culture of a community plays an important role for its distinctive posture, and it also attracts people from within a country or from foreign countries so that they can have a deep look about the culture of a specific area or a country.

Course Outcomes:

The graduates will be able to identify the cultural potential and help them to manage to reduce intercultural impact.

Course Contents:

WEEK 1-3:

Module - 1: Introduction (An overview)

- Meanings of Culture, Society, Civilization, Organization, Institution
- Definition of Cultural Tourism

- Cultural Diversity
- Impacts of Tourism on Culture
- Living cultural Heritage, Archaeological Heritage
- International Cultural Tourism Charter

WEEK 4-6:

Module - 2: Cultural Tourism Sources (Basis)

- The Land
- Climate
- Economy
- Language and literature
- Socio-Religious groups
- Customs & Traditions

WEEK 7-9:

Module -3: Attractions of Cultural Tourism in Pakistan

- Tangible & Intangible Culture
- Archaeological sites
- Museums
- Architecture
- Fair & festivals
- Arts & Crafts
- Rural & Urban Tourism
- Religious/spiritual
- Folklores
- Performing Art (Music, Drama and dance)
- Traditional Sports
- Food & Gastronomy
- Events and exhibitions

WEEK 10-12:

Module - 4: Cultural Tourism Issues & Challenges

- En-dangerous Cultures & Traditions

- Globalization
- Terrorism
- Poverty
- Awareness, Education and Trainings
- Authentic data & ownership
- Preservation & Conservation
- Management & Marketing
- Research and Planning

WEEK 13-16:

Module - 5:

- Cultural Policy of Pakistan
- Tourism Policy of Pakistan
- (Review- Case Study) and Assignments

Recommended Readings:

- 1) Folk Heritage of Pakistan (Complete sets) 1975-77
- 2) Directory of cultural intuitions in Pakistan by Saboohi Niazi 1980.
- 3) Heritage management, interpretation, identity by Peter Howard
- 4) The Heritage Reader by Graham Fairclough
- 5) Heritage Studies: Methods and approaches by Marie Louise Stig
- 6) Uses of Heritage by Laurajane smith
- 7) Cultural tourism : The Partnership between tourism and cultural heritage management by Bob Mckercher and Hilary du cros
- 8) Intangible heritage (Key Issues in Cultural Heritage) by Laurajane smith
- 9) Cultural heritage and human rights by helaine siluerman.
- 10) International Journal of Culture, Tourism and Hospitality Research
(<http://www.emeraldinsight.com/products/journals/journals.htm?id=IJCTHR>).

ARCH-353	Cultural Heritage Management	Cr. Hr. 03
-----------------	-------------------------------------	-------------------

Course Description:

This course introduces the basic definitions of cultural heritage but focuses mainly on the management of Aboriginal archaeological sites and heritage places. It also examines the context

for the emergence of the preservation movement and the conservation profession: its history, philosophy, and development: issues in professionalism, including the role of professional associations, accreditations and ethical practice: workplace awareness: written and photographic documentation: and computer applications for conservation. Students will be introduced to site survey and assessment procedures and will use problem-based learning techniques to implement different survey designs under a range of different conditions. Real-life hypothetical 'fieldwork' will provide students with an opportunity to practice cultural heritage management.

Course Outcomes:

After completion the students will have a sound theoretical formation in the mediation of contemporary issues in Cultural Heritage Management. It will prepare them to be effective leaders and actors in the public arena of cultural heritage management. They will be able to select and apply a variety of methods for evaluating cultural heritage resources. It will also prepare them to professionally design management plan for a specific cultural heritage resource. It will reflect critically on heritage management practices, including their own and apply the theoretical formation acquired during the course to practical situations where there is conflict over cultural resources. It will also increase their theoretical knowledge, research skills and practical skills required to develop appropriate depth of understanding of issues in cultural heritage management.

Course Contents:

WEEK 1-2:

Module - 1: General Introduction

Definitions, historical background, scope and importance of Cultural Resource Management

WEEK 3-4:

Module - 2: Cultural Heritage Management: theories and methods

Provides a theoretical framework and examines issues of evaluation, legislation, sustainability, socio-economic impacts, and communication to foster global responsibility and present integrative approaches to managing heritage.

WEEK 5-6:

Module-3: Cultural Heritage Documentation and Presentation

Deals with the approaches and techniques used for the identification, documentation, interpretation and presentation of cultural heritage sites and materials. The module takes critical approaches to the ideas of heritage and to the interpretation of heritage resources. Site inspections will expose students to contemporary professional practice in the field as well as to the experience of being “heritage consumers”.

WEEK 7-8:

Module - 4: Cultural Heritage Planning and Development

Explores practical approaches and methods to heritage development and planning with emphasis on the integration of related disciplines to attain environmentally sound and socially responsible preservation, management and development initiatives.

WEEK 9:

Module - 5: The Museums

Covers various modules that deal with the museum philosophy, policy, function, and structure. Topics like code of conduct and professional standards in museums, collection management, museum documentation, and computerization of museum records, exhibition policies, museum environment and its control. Methods and standards in the treatment of museum artifacts are specially emphasized in this module. Role and services are also covered.

WEEK 10:

Module - 6: Preventive Conservation

Covers all aspects of the storage and display of artifacts e.g., museums, disaster plans, monitoring and controlling the storage and display environment, storage materials etc. The module focuses on issues related to preventive conservation such as disaster planning, conservation policies, collections survey, building envelopes and zonation, storage systems, oddity tests, and stable storage materials. Students will take an environmental monitoring project and collection condition survey as part of this course.

WEEK 11:

Module - 7: Conservation Projects Management

Looks at collections management and condition surveys, and at the commissioning, planning and management of conservation projects. History of structures, survey techniques and report writing, assessment and diagnosis of structural failure, repair techniques: philosophy and technology, maintenance Programs, environmental control and monitoring, case studies: structural problems in selected building types.

WEEK 12:

Module - 8: Information Technology in Heritage Management

Provides the students with the basic theory and principles of various types of information technologies, including database management systems, GIS etc. The course focuses on the application of these techniques in the documentation, conservation and management of cultural heritage.

WEEK 13-14:

Module - 9: Special Topics in Cultural Heritage Management & Tourism Resources Management

To be decided by the course instructor subject to the department approval, aims at explaining the main aspects related to managing tourism resources including balancing tourism supply and demand, government tourism administration, role of private sector and NGOs, tourism impacts, human and financial resources, and public awareness.

WEEK 15-16:

Module - 10: Tourism and Local Community

Emphasis is placed on the study and analysis of the interaction processes between local community and the tourism activities in the various cultural, social and economic aspects, as well as the impact of such interaction on the change processes produced by the tourism industry among local people.

Recommended Readings:

- 1) *Cultural Heritage Management: A Global Perspective* by Phyllis Mauch Messenger and George S. Smith
- 2) *Heritage: Management, Interpretation, Identity* by Peter Howard

- 3) *Cultural Tourism: The Partnership between Tourism and Cultural Heritage Management*
by Bob Mekercher and Hilary Du Cros
- 4) *Risk Preparedness: A Management Manual for World Cultural Heritage* by Herb Stovel
- 5) *Management Guidelines for World Cultural Heritage Sites* by Bernard M. Feilden and Jukka Jokilehto
- 6) *Operational Guidelines of the UNESCO World Heritage Committee*
- 7) Dar, S.R. *Archaeology and Museums in Pakistan*, Lahore, 1977.
- 8) Dar, S.R. *Museology and Museum Problems in Pakistan*, Lahore 1980.
- 9) Dar, S.R. *Repositories of our Cultural Heritage: A Handbook of Museums in Pakistan*, Lahore, 1979.

ARCH-354	Muslim History of South Asia	Cr. Hr. 03
-----------------	-------------------------------------	-------------------

Course Description

The course will highlight the early contacts and conquest of South Asia by the Muslim in the eighth century AD. It will help the students to know about the reign of different Muslim dynasties who held sway over the Indo-Pakistan since the Arab period to the disintegration of the Mughal dynasty.

Course Outcomes

On completion, the student would be familiarized with the conquest of different parts of South Asia at the hands of various Muslim invaders, to analyze cultural, political, religious and social conditions of the present-day South Asia.

Course Contents

WEEK 1:

1. Introduction

WEEK 2-6:

2. Arabs

- Early contact
- Political condition and early dynasties of Sindh on the eve of Arab invasion
- Conquests of Balochistan, Sindh, Multan and the Khyber Pakhtunkhwa
- Muslim rule in Baluchistan and Sindh under the Arab Caliphate.

WEEK 7-9:**3. Turks**

- Trans Khyber activities of Ghaznavids and the rise and fall of Lahore as a Centre of Muslim State CE 997-1210
- The rise of the Ghaurids and the establishment of Delhi as the capital of Muslim India
- The Delhi Sultanate with Multan, Uchch and Lahore as canters in the west and Awadh and Bengal in the east CE 1150 to 1325.

Fragmentation and Turbulence CE 1325 to 1425.

WEEK 10-12:**4. Afghans**

- Lodhis
- Sikandar Lodhi, his administration and religious policy
- Ibrahim Lodhi and his weaknesses
- End of the Sultanate of Delhi
- Suris
- Sher Shah Suri
- Early life, capture of the throne and conquests; Reforms, administration and public welfare projects; achievements as a ruler; Successors of Sher Shah; End of Suri dynasty.

WEEK 13-14:**5. Mughals and Post Mughals**

- Phases of establishment and transition from Sultanate to Badshahat CE 1526 to 1576
- Mughal society, culture and administration CE 1576 to 1707
- Late Mughal phase CE 1707 to 1857.

WEEK 15-16:**6. Provincial Chapter**

- Every province will develop its Muslim period history accordingly

RECOMMENDED READINGS:

1. Ali, M. *The Court of the Great Mughals*, Lahore, 1986.
2. Amjid, Y. *Tareekh-e-Pakistan* (Urdu), Vols. I & II.
3. Babar, Zahiruddin. *Tuzuk-i Babari (The Memoirs of Babar)*, Eng. Trans. A. S. Beverige, Lahore: Sang-i Meel Publications.
4. Bakhshi, S. R. (ed.) *Advanced History of Medieval India* (3vols), New Delhi, Anmol Publishers, 2003.

5. Barani, Z. *Tarikh-i Feroz Shahi*, Urdu tr. Aftab Asghar, Lahore, 1986.
6. *Cambridge History of India*, Vols. II, III & IV.
7. Dani, A.H. *History of Pakistan: Pakistan through the Ages*, Lahore: Sang-e Meel Publications, 2008.
8. Elliot and Dowson, *The History of India as Told by Its Own Historians*, all Vols, Lahore, 1976 (1st pub. 1867-77).
9. Ikram, S. M. *Muslim rule in India & Pakistan: 711-1858 A.C.* 2nd ed. Star Book Depot, Lahore, 1966.
10. Ikram, S. M. *Aab-i Kausar* (Urdu), Lahore, 1994.
11. Ikram, S. M. *Mauj-i Kausar* (Urdu), Lahore, 1992.
12. Ikram, S. M. *Rud-i Kausar* (Urdu), Lahore, 1988.
13. Majumdar, R.C. (ed) *An Advanced History of India* (Volume 2), 3rd ed. The Mcmillan, Delhi, 1970.
14. Naqvi, H. K. *History of Mughal Government & Administration*, Kanishka Publishing House, Delhi: 1990.
15. Nazim, M. *The Life and Times of Sultan Mahmud of Ghazna*, New Delhi, 1971.
16. Qureshi, I. H., (ed.) *A Short History of Pakistan*, 2nd ed, Karachi University Press, Karachi, 1992.
17. Riazul Islam, *Indo-Persian Relations*, Iranian Culture Foundation, Teheran: 1970.

ARCH-355	Cultural Anthropology	Cr. Hr. 03
----------	-----------------------	------------

Course Description:

Cultural anthropology is concerned with understanding and explaining similarities and differences among groups of people living all over the world. As the branch of anthropology dedicated to the study of cultural diversity, cultural anthropology's primary goal is to understand social differences and their relationship to political, economic, linguistic, historical, and other social realms. This course introduces students to the anthropological study of cultural difference and to anthropological ways of understanding the world. The students will be able to understand the development and characteristics of human culture during different proto-historic periods.

Course Outcomes:

After completion of this course students will be able to provide an overview of key concepts and methods in cultural anthropology. It will encourage critical thinking on key anthropological and social scientific debates. They will be able to critically analyze explanations for cross-cultural similarities and differences during the course of time from Paleolithic to Neolithic period.

Course Contents:

WEEK 1-3:

Module 1: Introduction

- Concept, definition and scope of Cultural Anthropology
- Effects of physical environment on the growth of cultures
- Geological strata and interpretation of associated finds
- Chronological periods in the history of the earth
- Pleistocene chronology
- Principal features of the Pleistocene and Holocene Periods.

WEEK 4-6:

Module 2: Concept of Culture

- Man, culture and society
- The evolution of culture
- Culture is learned
- The concept and method of cultural ecology
- Culture and language
- Culture and personality.

WEEK 7-8:

Module 3: Lower Paleolithic Culture

- Characteristic features
- Cultures of Lower Paleolithic Period
- Principal tool-types, their manufacturing techniques and probable functions.

WEEK 9-10:

Module 4: Middle Paleolithic Culture

- Characteristic features
- Cultures of Middle Paleolithic Period
- Principal tool-types, their manufacturing techniques, and probable functions
- Intellectual developments: art and religion.

WEEK 11-12:**Module 5: Upper Paleolithic Culture**

- Characteristic features
- Cultures of Upper Paleolithic Period
- Principal tool-types, their manufacturing techniques and probable functions
- Intellectual developments: art and religion.

WEEK 13-14:**Module 6: Mesolithic Culture**

- Characteristic features
- Cultures of Mesolithic Period
- Principal tool types, their manufacturing techniques and probable functions
- Intellectual developments: art and religion.

WEEK 15-16:**Module 7: Neolithic Revolution**

- Domestication of plants and animals
- Evolution of stone-tool technology
- Introduction of ceramics
- Evolution of permanent settlements
- Evolution of related arts and crafts
- Early Neolithic Cultures.

Recommended Readings:

1. Agrawal, D. P. *The Archaeology of India*, Scandinavian Institute of Asian Studies, Monograph No.46, London, 1985.
2. Allchin, B. and R. *Lewan and the Bannu Basin: Excavations and Survey of Sites in North West Pakistan*, Great Britain, 1986. Braidwood. R.J. *Prehistoric Man*, Chicago, 1975.
3. Clark, G. and Piggot, S. *Prehistoric Societies*, London, 1968.

4. Clark, G. *The Stone Age Hunters*, London, 1975.
5. Clark, G. and Piggot, S. *World Prehistory in New Perspective*, 2nd ed., Cambridge, 1977.
6. Clark, J. D. *The Prehistory of Southern Africa*, Great Britain, 1959.
7. Dales, G. F. *A Review of the Chronology of Afghanistan, Baluchistan and the Indus Valley*, In: *AJA* 72/4:305-307, 1968.
8. De Terra, H. and Paterson, T. T. *Studies on the Ice Age in India and Associated Human Cultures*, Washington, 1939.
9. Dennell, R. W. *Pakistan Prehistory: A Glimpse at the First Two Million Years*, Cambridge, 1991.
10. Durrani, F. A. Rahman Dheri and the Birth of Civilization in Pakistan, *Bulletin of the Institute of Archaeology*, 18:191-207. London, 1981.
11. Durrani, F. A. Some Early Harappan Sites in Gomal and Bannu Villages, in Gupta, S. P. Lal, B. B. eds. *Frontiers of Indus Civilisation*, 1984, pp. 505-510.
12. Jarrige, J. F. Excavations at Mehrgarh, Pakistan in *South Asian Archaeology* 1975, Leiden. 1979, pp. 76-87.
13. Jarrige, J. F. Excavations at Mehrgarh: Their Significance for Understanding the Background of the Harappan Civilization, in Possehl, G., ed., 1982, pp. 79-84.
14. Leakey, L. S. B. *Olduvai Gorge: 1951-61: A Preliminary report on the Geology and Fauna*, vol. 1, Cambridge, 1964.
15. Masson, V. M. Sarianidi, V.I. *Central Asia*, London 1972.
16. Meadow, R. A Chronology for the Indo-Iranian Borderlands and Baluchistan: 4000-2000 B. C. in Agrawal, D. P. and Ghosh, A., eds, 1973, pp.190ff.
17. Oakley, K. P. *Framework for Dating Fossil Man*, London, 1964.
18. Oakley, K. P. *Man the Toolmaker*, 3rd ed., 1956.
19. Paterson, T. T. and Drummond, J. H. J. *Soan the Palaeolithic of Pakistan*, Karachi, 1962.
20. Quivron, G. Lechevallier, M. The Neolithic in Baluchistan: New Evidence from Mehrgarh, *South Asian Archaeology* 1979, Berlin, 1981, pp. 71-92.

21. Rendell, H. M., Deniel, R. W. and Halim, M. A. *Pleistocene and Palaeolithic Investigations in the Soan Valley, Northern Pakistan*, ed. Allchin, F. R., Allchin, B. BAR International Series 544, Oxford, 1989.
22. Salim, M. *The Middle Stone Age Cultures of Northern Pakistan*, Islamabad, 1986.
23. Salim, M. The Palaeolithic Cultures of Potowar with Special Reference to the Lower Palaeolithic, *Central Asian Studies*, Quaid-e-Azam University, Islamabad, 1997.
24. Sankalia, H. D. *Stone Age Tools, Their Techniques, Names and Probable Functions*, Poona, 1964.
25. Sankalia, H.D. ed., *The Prehistory and Protohistory of India and Pakistan*, Bombay, 1962.
26. Shaffer, J. *Prehistoric Baluchistan*, New Delhi. 1978.
27. Sharma, G. R. and Clark, J. D. *Paleoenvironment and Prehistory in the Middle Son Valley, India*, 1983.

Journals:

Ancient Pakistan

Ancient Sindh

Journal of Asian Civilizations

Pakistan Archaeology

ARCH-356	Provincial Cultural Heritage	Cr. Hr. 03
-----------------	-------------------------------------	-------------------

Course Description

This course is designed to acquire the knowledge about the basic concepts of provincial cultural heritage in Pakistan. This will help the students to get knowledge about the significance and scope of cultural heritage of the Khyber Pakhtunkhwa Province of Pakistan.

Course Outcomes:

After completion of this course, students will be able to understand the rich cultural heritage of the Khyber Pakhtunkhwa province. They will also visit to the different Archaeological sites and

monuments of the province to know about the unique and rich cultural heritage of Khyber Pakhtunkhwa

Course Contents:

WEEK 1-2: **Module 01**

Introduction to Cultural Heritage

Diverse Heritage of Khyber Pakhtunkhwa

WEEK 3-4: **Module 02**

Pre historic and Proto Historic Period Heritage

- Ghalegai Cave, Tangonawo Smast, Butkara II, Loe Banr, Gogadra Rock carvings,

WEEK 5-6: **Module-03:**

The Historic Period Heritage

- Cultural profile of Bala Hisar Mound Charsadda, and Barikot (the ancient Bazira site of Swat).

WEEK 7-8: **Module-04:**

The Buddhist and Hindu Period Heritage

- Buddhist sites of Takht-i-Bhai, Jamal Garhi, Sahri Bahlol, Ranigat, Aziz Dheri, Julian, Bhamala, Buddhist road of Shahkot and Malakand, Kashmir Smast, Hindu Temples of Kafir Kot, Hindu Temples of Peshawar, Gandian Temple Mansehra, Raja Gira Castle

WEEK 9-10: **Module 05:**

The Muslim Period Heritage

Shaikh Qutb-ad-Dīn's Tomb at Dalazāk, Mughal Sarai at Gor Khuttri, Bara Bridge, Azakhail Bowli, Hund fort, Durrani graveyard at Kohat, Sethi House Peshawar Wooden Architecture of Dir, Swat

WEEK 11-13:
Module 06:

The Sikh and British Period Legacy. Sikh Gurudwaras of Peshawar, Bala Hisar fort, Islamia College, Peshawar Museum, Malakand hydropower tunnels, Churches of Peshawar, Mardan and Abbottabad.

WEEK 14-16:
Practical

Visits to different Museums of Khyber Pakhtunkhwa

Visits to Heritage monuments and sites of Khyber Pakhtunkhwa

Recommended Readings:

30. Ashraf Khan. M. & Mahmood-ul-Hassan (2010). A New Discovery in the Taxila Valley: Archaeological Excavations at the Buddhist Monastery of Jinan Wali Dheri, *Gandhāra the Buddhist Heritage of Pakistan: Legends, Monasteries, and Paradise*, 302-307
31. Bagnera. A. (2006). Preliminary Note on the Islamic Settlement of Udegram, Swāt: The Islamic Graveyard (11th -13th Century A.D), *East & West*, Vol. 56, No. 1/3, 205-228
32. Behrendt. K. (2004). *The Buddhist Architecture of Gandhāra*, Leiden: Brill Publishers
33. Bellew. H.W. (Rep 2001). *A General Report on the Yusufzai*, Lahore: Sang-e-Meel Publications. First published in 1864
34. Bivar. A. D.H. (1996). Zar-Ḍheri: An Unrecorded Gandhāra Stūpa and a Possible Provenance, *South Asian Studies*, Vol. 12, 139-45
35. Callieri et al (2000). Bir-Kot- ghwandai, Swat, Pakistan. 1998-1999 Excavation Report, *East and West*, Vol.50, No. 1/4, 191-226
36. Dani, A.H. (2002). Peshawar Historic City of the Frontier. Sang-e-Meel Publications, Lahore.

37. Errington. E. (1987a). *The Western Discovery of the Art of Gandhāra and the Finds of Jamal Garhi*, Ph.D. Thesis submitted to the School of Oriental and African Studies, University of London
38. Hargreaves. H. (1910-11). Excavations at Takht-i-Bahi, *Archaeological Survey of India. Annual Report 1910-11*, 33-45
39. Khan. A.N. (1991). *Development of Mosque Architecture in Pakistan*, Islamabad: Lok Virsa Publishing House
40. Khan. Z. et al. (2012). A Note on the Archaeological Significance of Hund, *Putaj*, Vol.19, 77-92
41. Marshall. J. (1918). *A Guide to Taxila*, Calcutta: Government Printing
42. Meister. M. W. (2010). *Temples of the Indus*. Studies of the Hindu Architecture of Pakistan, Boston
43. Mizuno. S and Higuchi. T (Edited 1978). *Thareli Buddhist site in Pakistan Surveyed in 1963-67*, Dohosha: Publication of the Kyoto University Scientific Mission to Iranian Plateau
44. Nasim Khan. M. (2006). Treasures from *Kashmir Smast (The Earliest Śaiva Monastic Establishment)*, Peshawar: New Awan Printers
45. Nasim Khan. M. (2010a). *The Sacred and the Secular: Investigating the Unique Stūpa and Settlement site of Aziz Dheri, Peshawar Valley, Khyber Pakhtunkhwa, Pakistan*, Vol. 1, Peshawar: Printograph Publishers
46. Olivieri. L. M. (2014). *The Last Phases of the Urban Site of Bir-Kot-Ghwandai (Barikot) The Buddhist Sites of Gumbat and Amluk-Dara (Barikot)*, Lahore.
47. Rahman, A. (1981). 'Shaikh Imam Al-Din and his tomb at Palosai Piran', The Proceedings of the Hijra Celebration Symposium on Islamic Art , Calligraphy, Architecture and Archaeology, Vol. I. Publication of the Department of Archaeology, University of Peshawar.
48. Rahman. A. (1979). *The Last Two Dynasties of the Śāhis*, Islamabad: Quai-i-Azam University
49. Rahman. A. (1989). Ghaznavid Remains in the N.W.F. Province, *Central Asia*, No.24, Summer, 85-93

50. Shah. I. (2002). Discovery of the Remains of the Mughal Period Bridge on the Zinda'i Stream: The Provenance of the So-called Bara Bridge Inscription, *Ancient Pakistan* Vol. XV, 27-35
51. Shah. I. (2002). The Mahabat Khan Mosque Peshawar: History and Architecture, *The Journal of Humanities and Social Sciences*, Vol. X :II, 13-24
52. Shah. I. (2007). *Hindu Art in Pakistan: A Study based on Museum collection*, Ph.D. Thesis (Unpublished), Submitted to the Department of Archaeology, University of Peshawar
53. Shah. I. (2010). A Short Survey of Hindu Temples in Peshawar, *South Asian Studies*, 24:1,119-132
54. Shah. I. (2013). The Śaiva Temple at Gāndhiyān (near Mānsehra): Some Connected Problems *South Asian Studies*, 29:2, 229-240
55. Shah. I. (2016). Hindu Iconography in the Gor Khatri Temple (Peshawar): Sacred Imagery painted in the Saiva Shrine, *South Asian Studies*, 32:2, 185-198
56. Shakirullah (2012). Tomb Architecture in the Khyber Pakhtunkhwa Province of Pakistan: An Analytical Study. PhD Dissertation submitted to the Institute of Archaeology & Social Anthropology, University of Peshawar.
57. Spooner. D.B. (1909). Excavations at Sahribahlol, *Archaeological Survey of India. Annual Report 1906-7*, 102-18
58. Yoshihide. K. et.al. (2011). *Zar Dheri Archaeological Excavation of an Ancient Buddhist Site in Pakistan*, Tokyo: Publication of the Tokyo National Museum, Japan

Semester-VII

Course Code	Category	Course Title	Credit Hours
ARCH-401	Major-VII:	Muslim Art: Calligraphy, Painting, Minor Arts & Crafts	3(3+0)
ARCH-402	Major-VIII:	Muslim Architecture of Pakistan and India	3(3+0)
ARCH-403	Major- IX:	Research Methodology	3(3+0)
ARCH-404	Major-X:	Numismatics Of Pakistan and	3(3+0)

		India.	
ARCH-405	Major-XI:	Paleography And Epigraphy of Pakistan and India	3(3+0)
Total Cr. Hrs			15

ARCH-401	Muslim Art: Calligraphy, Painting, Minor Arts & Crafts	Cr. Hr. 03
-----------------	---	-------------------

Course Description

The course is developed for knowing the development of different artistic activities initiated during the reign of the Muslim rule in Arabia, Mesopotamia, Persia, Egypt, and the Indo-Pakistan. The major artistic activities were calligraphy, painting, book illumination, ceramic manufacturing, glazing, caring, and engraving etc.

Course Outcomes

After completing the course, the student would be able to analyze different types of Muslim Arts as developed in various parts of the world.

Course Contents

WEEK 1-5:

1. Calligraphy

- Origin and development of Arabic script
- Status or position of a calligrapher
- Significance of calligraphy in Islamic arts
- Origin and development of calligraphy
- Principal forms of calligraphy
- Sub styles of calligraphy
- Master calligraphers of Pakistan.

WEEK 6-10:

2. Schools of Painting

- Early Arab
- Mesopotamian
- Mongol
- Persian
- Mughal.

WEEK 11-16:**3. Minor Arts & Crafts**

- Metalwork
- Glasswork
- Woodwork
- Book illumination
- Bookbinding
- Ceramics

RECOMMENDED READINGS:

1. Binyon, Wilkinson and Gray. *Persian Miniature paintings*.
2. Brown, P. *Indian Painting*, Calcutta, 1917, 7th ed. 1960.
3. Brown, P. *Indian Paintings Under the Mughals*, Oxford, 1924.
4. Chughtai, M. A. *Fanoon-e-Latifa ba- 'ahdi Aurangzeb* (Urdu) Coomaraswamy, A., *Mughal Paintings Craft and Textiles of Sindh and Baluchistan*, Institute of Sindhology, Jamshoro, 1982.
5. *Crafts of Punjab and Muree Hill*, Punjab Small Industry Corporation, 1986.
6. Critchlow, K. *Islamic Patterns: An Analytical and Cosmological Approach*, Slovenia, 1976, rpt. 1992.
7. Das, A.K. *Splendour of Mughal Paintings*, Bombay, 1986.
8. Dimand, M. A. *A hand book of Mohammaden Art Encyclopaedia of Arts*, London, 1966.
9. Ettinghausen, R. *Arab Painting*, London, 1962.
10. Gray, B. *Persian Painting*, London, 1961.
11. Gray, B. *The Arts of India*, Oxford, 1981.
12. Humbert, C. *Islamic Ornamental Design*, London, 1980.
13. Kalter, J. and Thames H. *Arts and Craft of Swat Valley*, 1991.
14. Khatibi, Abdelkadir, *The Splendour of Islamic Calligraphy*, rpt. London, 2001.
15. Losos, L. *Painting Techniques*, London, 1987.
16. Mortin, F. R. *The Miniature Painting and Painters of Persia, India and Turkey*, I, II, London, 1912-1917.
17. Porter, V. *Islamic Tiles*, New York, 1995.
18. Riaz-ud Din, A. *Traditional Arts and Crafts of India and Pakistan*, Rogers, J. M. *Mughal Miniatures*, London, 1993.
19. Rice, D.T. *Islamic Art*:
20. Ziauddin T. W. *Muslim Calligraphy*.

ARCH-402	Muslim Architecture of Pakistan and India	Cr. Hr. 03
----------	---	------------

Course Description

The course will familiarize the students with the origin and development of Muslim architecture on the soil of Indo-Pakistan since the eighth century AD. The course will cover the mosque, mausoleum, forts, and other architectural heritage of the Muslim period.

Course Outcomes

On completion of this course, the student would be able to identify sources and development of Muslim Architecture evolved under different ruling and community patrons.

Course Contents

WEEK 1-3:

1. Arab Period

- Settlement pattern and architecture of Banbhore
- Settlement pattern and architecture of Mansurah.

WEEK 4-6:

2. Ghaznavid/Ghaurid Period

- Tomb of Abdullah bin Haroon in Lasbela
- Udigram Mosque
- Tomb of Khalid bin Walid
- Tomb of Sadan Shaheed
- Tombs at Lal Mahra.

WEEK 7-9:

3. Sultanate Period

- Monuments of Delhi and Ajmer: Quwwat-ul-Islam Mosque, Qutb Minar, Alai Darwaza, Tughlaqabad, Buildings of Feroz Shah Tughlaq, Tombs of Syeds and Lodhis, the Suri period buildings.

WEEK 10-12:

4. Mughal Period

- Monuments of Agra: Taj Mahal, Akbar's tomb
- Monuments of Delhi: Red Fort, Royal Mosque (or Shahi Masjid)
- Monuments of Fatehpur Sikri
- Monuments of Lahore: Badshahi Mosque, Wazir Khan Mosque, Shalimar Garden, Jahangir's tomb and Lahore Fort
- Monuments of Peshawar: Mahabat Khan Mosque, Palosi Piran complex
- Monuments of Thatta: Shah Jahan's Mosque and Dabagir Mosque, Makli Hill Monuments.

WEEK 13-16:**5. Regional Styles**

- Monuments of the Kalhora and Talpur Rulers of Sindh
- Chaukandi type tombs of Sindh and Balochistan
- Monuments of the Punjab
- Monuments of the Khyber Pakhtunkhwa
- Wooden architecture of the Northern Areas of Pakistan.

RECOMMENDED READINGS:

1. Abdur Rahman, *Islamic Architecture of Pakistan: An Introduction*, Peshawar, 1981.
2. Ali, T. *Anonymous Tombs in the Gomal Valley and the Beginning of Tomb Architecture in Pakistan*, Peshawar, 1988.
3. Arnold, T. et al, *Islamic Art and Architecture*, Goodword Books, 2001.
4. Brown, P. *Indian Architecture (The Islamic Period)*, Bombay, 1942.
5. Bunce, Fredrick W. (2004) *Islamic Tombs in India (Iconography and Genesis of their Design)*, New Delhi: D.K.Printworld.
6. Chughtai, M. A. *The Badshahi Masjid: History and Architecture*, Lahore, 1972.
7. Chughtai, M. A. *The Wazir Khan Mosque Lahore: History and Architecture*, Lahore, 1975.
8. Dani, A. H. *Thatta-Islamic Architecture*, Islamabad, 1982.
9. Ettinghausen, R. and Grabar, O. *The Art and Architecture of Islam 650-1250*, New Haven: Yale University Press, 1987.
10. Field, R. *Geometric Patterns from Islamic Art & Architecture*, Taurin Publications, 1998.
11. Guide Books on *Thatta, Lahore Fort, Shalimar Garden, Banbhore*, Department of Archaeology and Museums, Government of Pakistan.
12. Hillenbrand, R. *Islamic Architecture: Form, Function and Meaning*, New York: Columbia University Press, 1994.
13. Kak, R.C. (1991) *Ancient Monuments of Kashmir*, Mirpur: Verinag Publishers
14. Khan, A. N. *Multan: History and Architecture*, Islamabad, 1983.
15. Khan, A. N. *Uchch: History and Architecture*, Islamabad, 1980.
16. Khan, A. N. *Development of Mosque Architecture in Pakistan*, Islamabad, 1991.
17. Khan, A. N. *Islamic Architecture in South Asia (Pakistan, India and Bangladesh)*, 2003.
18. Khan, A.N. (1997) *Studies in Islamic Archaeology*, Lahore: Sang-e-Meel
19. Masih, F. *Excavation at Sui Vihar and Archaeological Reconnaissance of South Punjab*, Lahore: University of the Punjab, 2013
20. Mookerjee, A., ed., *5000 Designs and Motifs from India*, Dover Publications, 1996.
21. Mumtaz, Kamil Khan. (1985) *Architecture in Pakistan*, Singapore: Koon Wah
22. Nath, R. *Architecture of Fatehpur Sikri*, Jaipur, 1988.
23. Nath, R. *The History of Sultanate Architecture*, New Delhi, 1978.
24. *Sultanate Period Architecture*, Anjumane M'amaran, Lahore, 1992.
25. Shah, I. *The Mahabat Khan Mosque and its Decorative Beauty* (M. Phil thesis, unpublished), Department of Archaeology, University of Peshawar, 1996.

ARCH-403	Research Methodology	Cr. Hr. 03
-----------------	-----------------------------	-------------------

Course Description:

The course is developed for understanding the basic techniques of research such as the selection of a topic for research, aims and objectives, research questions, literature review, quoting of references, achieving results of research and publication of research papers etc.

Course Outcomes:

Upon completion of the course, the students will be able to select topic for research and compile research and internship reports.

Course Description:

WEEK 1-16:

Definition, problems, types etc.

- Archaeological research design
- Archaeological research project
- Formulation of hypothesis
- Implementation of research
- Data collection, different methods/techniques, etc.
- Analysis of archaeological data
- Interpretation and synthesis of archaeological data
- Research report/Seminar/Oral examination

RECOMMENDED READINGS:

1. Hult, C. A. *Researching and Writing Across the Curriculum*, 2nd Ed., California, 1990.
2. Lester, J. D. *Writing Research Papers: A Complete Guide*, London, 1987.
3. Marius, R. *A Short Guide to Writing about History*, London, 1989.
4. Sharer, R. J. and Wendy A. *Fundamentals of Archaeology*, London, 1980.
5. Naz Arifullah, S. and Bhutti, K.M. *Research Process Simplified*, Peshawar.
6. Goode & Hatt, *Methods in Social Research*, National Book Foundation, Islamabad, 2000.
7. Mali, A. L. Pancholi Kundan, *The Fundamentals of Research Methodology*, Jaipur, 1988.
8. Bahr, C. & Albert, *Social Science Research Methods*, National Book Foundation, Islamabad, 2000.

ARCH-404	Numismatics of Pakistan and India	Cr. Hr. 03
-----------------	--	-------------------

Course Description:

Numismatics is the science of coins and medals. It treats with the study ancient coins and medals issued by kings and monarchs of different ancient ruling dynasties of India and Pakistan. The course is designed for knowing the role of numismatics in the reconstruction of dynastic history of Indo-Pakistan.

Course Outcomes

On completion, the student would be able to learn about the history and development of coinage, to reconstruct ancient history, to study sundry aspects of cultural, socio-economic, political and religious conditions, science of manufacturing coins, metallurgy, ores of different metals, making alloys, etc.

Course Contents

This course is divided into two parts:

- a) Numismatics of Pre-Muslim period of Pakistan and India and
- b) Numismatics of Muslim period of Pakistan and India.

WEEK 1-5:

1. Introduction

- Numismatics: Definition, scope problems and significance
- Metallurgical studies
- Mints
- Cataloguing
- History of coins
- Techniques of manufacturing coins.

WEEK 6-10:

2. Numismatics: Pre-Muslim Period

- Antiquity of coinage in Pakistan and India
- Punch marked coins
- Indus-Greek coins
- Coins of the Indo-Scythians and Indo-Parthians
- Kushan coins
- Huna coins

- Hindu Shahi coins.

WEEK 11-16:

3. Numismatics: Muslim Period

- Arab period Coins in Pakistan
- Coins of the Ghaznavid and Ghaurid rulers
- Coins of the early Sultanate period (the Khaljis, Tughlaqs, Sayyeds, Lodhis, Suris)
- Coins of the Mughal rulers
- Coins of the Durrani and the Sikhs
- Coins of the Colonial period.

RECOMMENDED READINGS:

1. Abdur Rahman, *The Last Two Dynasties of the Shahis*, Islamabad, 1979. Allan, J.
2. Bhandarkar, D. R. *Lectures on Ancient Indian Numismatics*, Patna, rpt. 1984.
3. Bopearachchi, O. and Amanur Rahman, *Pre-Kushana Coins in Pakistan*, Islamabad, 1995.
4. Bopearachchi, O. *Indo-Greek, Indo-Scythian and Indo-Parthian Coins in the Smithsonian Institute*, Washington, 1993.
5. Chakraborti, S. K. *Socio-religious and Cultural Study of the Ancient Indian Coins*, Delhi, 1986.
6. Cooper, R. D. *The Art and Craft of Coin Making: A History of Minting Technology*, London, 1988.
7. Cribb, J. *Money: from Cowerie Shell to Credit Cards*, London, 1986.
8. Cunningham, A. *Coins of Medieval India from the Seventh Century Down to the Muhammadan Conquests*, London, 1894, rpt. 1967.
9. Cunningham, A. *Later Indo-Scythians*, Vol. II, rpt. Varanasi, 1962.
10. Gardner, P. *The Coins of the Greek and Scythic Kings of Bactria and India in the British Museum*, London, 1886, 1st American ed., Chicago, 1966.
11. Khan Lanepole, *Catalogue of the Muslim Coins in the British Museum*
12. Mitchiner, M. *The Origin of Indian Coinage*, London, 1973.
13. Narain, A. K. *Indo-Greeks*, Oxford, 1957.
14. Nasim Khan, M. *Treasures from Kashmir Smast – The Earliest Shivaite Monastic Establishment*. Peshawar. 2006.
15. Nasim Khan, M. *The Sacred and the Secular. Investigating the Unique Stupa and Settlement Site of Aziz, Peshawar Valley, Khyber Pakhtunkhwa* (3 Vols). Peshawar. 2010.
16. Nasim Khan, M, Errington, E and Cribb, J. *Coins from Kashmir Smast – New Numismatic Evidence*. Peshawar. 2008.
17. Rosenfield, J. M. *The Dynastic Arts of the Kushans*, Barkeley/Los Angeles, 1967.
18. Sahn, B. *The Technique of Casting Coins in Ancient India*, Memoirs of the Numismatic Society of India, Vol. I, Bombay, 1945.
19. Singh, S. S. *Early Coins of North India: An Iconographic Study*, New Delhi, 1984.

20. Smith, V.A. *Coins of Ancient India*, Vol. I of *Catalogue of the Coins in the Indian Museum, Calcutta*, Oxford, 1906-19, rpt. Varanasi, 1972.
21. Thomas, E. *The Chronicles of the Pathan Kings of Delhi*, rpt. Delhi, 1967.
22. Whitehead, R. B. *Catalogue of Coins in the Punjab Museum*, Vol. III, rpt. Lahore, 1977. Whitehead, R. B. *Catalogue of Coins in the Punjab Museum*, Lahore, Vol. I, Oxford, 1914.
23. Whitehead, R.B. *Catalogue of Coins in the Lahore Museum*, Lahore, Vol II, Coins of the Mughal Emperors, Lahore, rpt. 1977.
24. Wilson, H. H. *Ariana Antiqua A Descriptive Account of the Antiquities and Coins of Afghanistan*, London, 1841, rpt. Delhi, 1971.
25. Wright, N. H. *The Coinage and Metrology of the Sultans of Delhi*, rpt. Delhi, 1974.

Journals:

Ancient Pakistan

Archaeological Survey of India, Annual Reports

East and West

Frontier Archaeology

Gandharan Studies

Journal of the Asiatic Society of Bengal

Journal of Asian Civilizations

Numismatics Digest

Pakistan Archaeology

ARCH-405	Paleography and Epigraphy of Pakistan and India	Cr. Hr. 03
-----------------	--	-------------------

Course Description:

Paleography is the science of the deciphering, transliteration and translation of ancient scripts carved or engraved on the surface of stone, metals, potteries and bones or any other durable material by ancient people. It also involves the study of birch bark manuscripts and thus forms an important source of the ancient history of India and Pakistan.

Course Outcomes

After completing this course, the student would be able to know about the origin and

development of ancient scripts, styles, use of ancient languages in epigraphs, techniques of engraving on hard surfaces of rocks, slabs, metal plates, etc. The major outcome of this course would be to know about valuable historical data contained within these epigraphs.

Course Contents

WEEK 1-2:

1. Introduction to different ancient Indian scripts

WEEK 3-4:

2. Origin of writing in Pakistan and India (South Asia)

WEEK 5-6:

3. Indus Script

- History of discovery
- Area
- Period
- Materials
- Origin
- Decipherment.

WEEK 7-8:

4. Brahmi Script

- Area
- Materials
- Characters and symbols
- Origin
- Decipherment
- Development
- Mauryan or Early style
- Provincial style
- Regional style
- Proto-Sharada
- Sharada
- Devanagari.
- Tibetan

WEEK 9-10:

5. Kharoshthi Script

- Area
- Materials
- Characters and symbols
- Origin

- Decipherment
- Development
- Ashokan style
- Scytho-Parthian style or transitional phase of writing
- Kushan style or cursive form of writing
- Decline

WEEK 11-13:

6. Pushkarasari Script

- History of discovery
- Area
- Period
- Materials
- Origin
- Decipherment
- Characters and symbols
- Development

WEEK 14-16:

7. Epigraphy

- Importance of Epigraphic research in Archaeology
- History of Epigraphic research in Archaeology
- Survey of the Epigraphic records
- Epigraphy as a source of ancient history of Pakistan and India.

RECOMMENDED READINGS:

1. Agrawala, P. K. *Imperial Gupta Epigraphs*, Varanasi, 1983.
2. Bhandarkar, D. R. *A List of Inscriptions of Northern Indian in Brahmi and Its Derivative Scripts, from about 200 A.C.*, Appendix to *Epigraphia Indica*, Vols. 19-23, Calcutta, 1932-38.
3. Buhler, G. *Indian Palaeography*, Appendix to *The Indian Antiquary*, Calcutta, 1904, rpt. 1959.
4. Burgess, J. *Epigraphia Indica*, Vol. II, Indian rpt. 1970.
5. Burgess, J. *Report on the Buddhist Cave Temples and Their Inscriptions*, Varanasi. rpt. 1964.
6. Burgess, J. *Corpus Inscriptionum Indicarum*, Vol. II Calcutta,
7. Cunningham, A. *Corpus Inscriptionum Indicarum*, Vol. I, *Inscriptions of Asoka*, Varanasi, rpt. 1961.
8. Dani, A. H. *Indian Palaeography*, Oxford, 1963.
9. Dani, A. H. *Kharoshthi Primer*, Lahore, 1979.
10. Hultzsch, E. *Corpus Inscriptionum Indicarum*, Vol. I, *Inscriptions of Asoka*, Oxford, 1925.
11. Konow, S. *Corpus Inscriptionum Indicarum*, Vol. II, Calcutta, 1929.
12. Nasim Khan, M. *Treasures from Kashmir Smast – The Earliest Shivaite Monastic*

Establishment. Peshawar. 2006.

13. Nasim Khan, M. *Kharoshthi Manuscripts from Gandhara* (Rprt.). Peshawar. 2009.
14. Nasim Khan, M. *The Sacred and the Secular. Investigating the Stupa and Settlement Site of Aziz, Peshawar Valley, Khyber Pukhtoonkhwa* (3 vols). Peshawar. 2010.
15. Pandey, R. B. *Indian Palaeography*, Banaras, 1952 (2nd ed. 1957).
16. Salomon, R. *Indian Epigraphy*, New Delhi, 1998.
17. Sircar, D. C. *Indian Epigraphical Glossary*, Varanasi, 1966.
18. Sircar, D. C. *Indian Epigraphy*, Delhi, 1965.
19. Upasak, C. S. *History and Palaeography of Kharoshthi Script*, Varanasi, 2001.

Journals:

Ancient Pakistan

Athariyyat

Bulletin d'Ecole Franciase d'Extrem Orient

Epigraphia Indica

Journal of Asian Civilizations

Journal of Humanities and Social Sciences

Journal of the Royal Asiatic Society

Indian Archaeological Studies

Gandharian Studies

Pakistan Archaeology

Silk Road Art and Archaeology

South Asian Studies.

Semester-VIII

Course Code	Category	Course Title	Credit Hours
ARCH-451	Major-XIII:	Research Project / Internship (two	6(6+0)
ARCH-452	Elective-I (Within Major):	Gandhara Civilization	3(3+0)

ARCH-453	Elective-II (Within Major):	Archaeology of Swat	3 (3+0)
ARCH-454	Elective-III (Within Major):	Rock Art of Pakistan	3(3+0)
ARCH-455	Elective-IV (Within Major):	Ancient Art and Architecture of Pakistan and India	3(3+0)
			18

ARCH-451	Research Project / Internship	Cr. Hr. 06
-----------------	--------------------------------------	-------------------

Course Description:

The main purpose of the research is to evaluate or create exiting understanding, review and investigate existing situation or problems, find out the appropriate solutions to the problems as well explain new idea and generate scope of further research. The research project/Research Thesis is a document submitted in support of candidature for an academic degree presenting the author's research and findings presenting the author's research and findings. The research project / thesis will be properly documented, bind in a Green cover with silver printed information about the topic, intern/researcher, session, supervisor, name of the department.

Course Outcomes:

At the end of this course, the students will be able to recognize the importance of research as a first step in cultural heritage and archeology. It will enable them to translate basic/applied archaeological and tourism issues into appropriate academic research questions. The students will understand the links between the issues being investigated and the method of investigation. They will be able to understand the governing principles in the qualitative and quantitative research traditions.

Course Contents:

Assignment / Project Procedure

The following information has been selected from the Publication Manual of the American Psychological Association (5th ed.). The full reference is given at the bottom of this page.

Document Format

- Margins set at one inch (top, bottom, left and right)
- Characters should be left justified
- Font size should be 12 points
- Indent all paragraphs 5 spaces
- Lines should be double spaced
- All charts and graphs should be titled and shown on one page.
- The title page should have title, author, class number and name, and date.
- Pages should be numbered consecutively (top right hand corner).
- References should follow the APA style (some example are listed below)

In Body of Text

APA uses author-date method of citation; the last name of the author and the year of publication are inserted in the body of the text at the appropriate point.

example: Smith (1993) described the recreation program as well developed.

example: In a recent study on aging skiers, Smith (1993) organized participant needs.

Note: use (n.d.) if no date is available. Example Jones (n.d.)

Note: use the title of the document if no author is indicated.

References

Journal

Author last name, first initial, second initial . year of publication. name of article . Name of journal (underlined or italicized), volume number (underlined) number (in parentheses) , page numbers. The first line is indented five spaces.

example: Becker, L. A. (1993). The Complex and Dynamic Nature of Leisure Experience. Journal of Leisure Research, 26 (3), 1-7 .

example: Winston, D. E. & Post, I. R. (1994). Leisure Events Planning. Leisure Today, 12(4), 44-57.

Magazine

example: Gardner, H. (1981, December) . Risk Management and Liability. Parks and Recreation, 70-76.

Book

example: Ree, I. J. (1994). *Recreation Cost and Benefits*. New York: McMillan Co.

Newspaper article

example: Jones, M. (2003, January 3). Ecotourism interest drops in third world countries. *The Daily Sun*, pp. A1, A4.

On-line

example: Author, first initial, (date). Title of article. Name of periodical Retrieved (today's date) from

Specify web path (URL)

Smith, R. R. (1988). *Recreation and Tourism Trends*. Retrieved October 1, 2003 from <http://www.worldtour/recreation.html>

Note: use n.d. if no date is available.

Note: use the title of the document if no author is indicated. Example:

Recreation and Tourism Trends. (2002). *Recreation and Tourism Trends*. Retrieved October 1, 2002 from <http://www.worldtour/recreation.html>

Quotations

Double quotations marks are used for all material quoted directly from a source.

example: Smith's (1993) article stated, "Recreation professionals must have outstanding communication

skills" (p.34).

example: She stated, "Writing skills are essential to good communication" (Jones, 1992, p. 22), but she

did not describe how to acquire these skills.

Note: Direct quotes over 40 words need to be shown in an indented paragraph.

On-line Sources

Many electronic sources do not provide page numbers (unless they are PDF reproductions of printed material). If paragraph numbers are visible, use them in place of page numbers. Use the ¶ symbol or the abbreviation para.

As Myers (2000) aptly phrased it, "positive emotions are both an end-better to live fulfilled, with."

If there are headings in the document and neither paragraph nor page numbers are visible, cite the heading and the number of the ¶ following it to direct the reader to the location of the quoted material.

"The current system of managed care and the current approach to defining empirically supported treatments are shortsighted" (Beutler, 2000, Conclusion section)

Personal Communication

These may be letters, e-mail, or telephone conversations. These forms of communication are not included in the reference list. Cite personal communications in the body of the text only. Give the Initials and Surname and an exact date of the communication.

example: J. O. Smith (personal communication, Oct. 1, 1995)

example: (J. O. Smith, personal communication, Oct. 1, 1995)

Source: American Psychological Association. (2001). Publication Manual of the American Psychological Association (5th ed.). Washington, DC: American Psychological Association
(ISBN: 1-55798-791-2 pbk)

ARCH-452	Gandhara Civilization	Cr. Hr. 03
-----------------	------------------------------	-------------------

Course Description:

Gandhara is the ancient name of the Peshawar valley and its surrounding regions. It was here that the second organization of Pakistan took place in the 6th century B.C. after a long interval of the collapse of Indus valley civilization and became a sacred land of Buddhism between the 2nd century B.C and 6th century A.D. It was during this period that a Buddhist art flourished in Gandhara under the patronage of various ruling dynasties which in the 19th century of the Christian era earned the name of Gandhara art.

Course Outcomes

After completion, the students would be able to know the history and salient features of the ancient cultures and civilization that evolved in ancient Gandhara.

Course Contents

WEEK 1-2:

1. Introduction

- Nomenclature
- Historical geography of Gandhara.

WEEK 3-4:

2. The Origin of Second Urbanization in Pakistan

- Pushkalavati: Bala Hissar, Shaikhan Dheri, Aziz Dheri
- Taxila: Bhir Mound, Sirkap, Sirsukh.

WEEK 5-6:

3. Major Religions of Gandhara

- Buddhism
- Hinduism.

WEEK 7:

4. Synthesis of Cross-Cultural Currents and the Emergence of Gandhara Civilization

WEEK 8:

5. Arts

- Sculptural Art
- Paintings
- Rock Art: Carvings and Engravings.

WEEK 9:

6. Architecture

- Religious Architecture: Stupa, Temple, Monastery,
- Secular Architecture: Settlements and Forts.

WEEK 10:

7. Numismatics and Palaeography

WEEK 11:

8. Interaction Zone

- Influences from the East and West.

WEEK 12:**9. Silk Road**

- Trade along the Silk Road.

WEEK 13-14:**10. Decline**

- Causes: Cultural, Environmental, Military and Spiritual.

WEEK 15-16:**11. Legacy of the Gandharan Civilization****RECOMMENDED READINGS:**

1. Ackermann, H. C. Narrative Stone Reliefs from Gandhara in the Victoria and Albert Museum in London, *IsMEO Reports and Memoirs XVII*, Rome, 1975.
2. Barger, E. and Wright, P. Excavations in the Swat and Explorations in the Oxus Territories of Afghanistan, *Memoirs of Archaeological Survey of India*, No. 64, Delhi, 1941.
3. Beal, S., tr., *Si-yu-ki, Buddhist Records of the Western World*, 2 vols., London, 1883 (2nd ed. 1906).
4. Bernard, P. Ai-Khanum on the Oxus: A Hellenistic City in Central Asia, *Proceedings of the British Academy*, Vol. LIII, 1967.
5. Bhattacharyya, B. *The Indian Buddhist Iconography*, Calcutta, 1963.
6. Brown, P. *Indian Architecture Buddhist and Hindu Periods*, 3rd ed., rev. and enl., Bombay, 1956.
7. Buchthal, H. *The Western Aspects of Gandhara Art*, Trust of the British Academy, 1945.
8. Coomaraswamy, A.K. *History of Indian and Indonesian Art*, London, 1927.
9. Cribb, J and Errington, E., eds., *The Crossroads of Asia*, 1992.
10. Dani, A.H. *Gandhara Art of Pakistan*, Peshawar, 1968.
11. Foucher, A. *Notes on the Ancient Geography of Gandhara*, Calcutta, 1915.
12. Foucher, A. *The Beginning of Buddhist Art*, London, 1914.
13. Goetz, H., *Five Thousand Years of Indian Art*, New York, 1959.
14. Grunwedel, A. *Buddhist Art in India*, New Delhi, 1901, rev. & enl. Burgess, J., 1985.
15. Hall, J. *Illustrated Dictionary of Symbols in Eastern and Western Art*, London, 1994, rpt. 1995.
16. Hallade, M. *The Gandhara Style and the Evolution of Buddhist Art*, London, 1968.
17. Harle, J.C. *The Art and Architecture of the Indian Subcontinent*, England, 1986.
18. Harle, J.C. *Gupta Sculptures*, London, 1974.
19. Harvey, P. *An Introduction to Buddhism: Teachings, History and Practices*, Cambridge, rpt. 1991.
20. Huntington, S.L. and Huntington, J.C. *The Art of Ancient India Buddhist, Hindu, Jain*, New York, Tokyo, 1985.
21. Ingholt, H. *Gandhar Art in Pakistan*, New York, 1957.

22. Law, B.C., *Historical Geography of Ancient India*, Paris, 1954.
23. Lohuizen-de-Leeuw, J.E.van, *The Scythians*, Leiden, 1949.
24. Marshall, J. *Taxila*, 3 vols., Cambridge, 1951.
25. Marshall, J. *The Buddhist Art of Gandhara*, Cambridge 1960.
26. Mitra, D. *Buddhist Monuments*, Calcutta, 1971, rpt. 1980.
27. Mollet, J.W. *Dictionary of Art and Archaeology*, London, 1883, rpt. 1994.
28. Nasim Khan, M. *Buddhist Paintings in Gandhara*, Peshawar, 2000.
29. Nasim Khan, M. *Treasures from Kashmir Smast – The Earliest Shivaite Monastic Establishment*. Peshawar. 2006.
30. Nasim Khan, M. *Kharoshthi Manuscripts from Gandhara* (Rprt.). Peshawar. 2009.
31. Nasim Khan, M. *The Sacred and the Secular. Investigating the Stupa and Settlement Site of Aziz, Peshawar Valley, Khyber Pakhunkhwa* (3 vols). Peshawar. 2010.
32. Nasim Khan, M, Errington, E and Cribb, J. *Coins from Kashmir Smast – New Numismatic Evidence*. Peshawar. 2008
33. Nehru, L. *Origins of the Gandhara Styles: A Study of Contributory Influences*, Delhi, 1989.
34. Rowland, B. *Art and Architecture of India Buddhist, Hindu, Jain*, London, 1953.
35. Rowland, B. *The Wall Paintings of India, Central Asia and Ceylon*, Bostan, 1938.
36. Sardar, B. *Buddhist Rock Carvings in the Swat Valley*, Islamabad, 2005.
37. Schlumberger, D. The Excavations at Surkh Kotal and the Problem of Hellenism in Bactria and India, *Proceedings of the British Academy*, Vol. XLVII, 1961, pp. 77-95.
38. Zwalf, W. *A Catalogue of the Gandhara Sculpture in the British Museum*, 2 vols., The Trustees of the British Museum, 1996.

Journals:

Ancient Pakistan

Âthâriyyât (Archaeology)

Pakistan Archaeology

Pakistan Heritage

East and West

Silk Road Art and Archaeology

South Asian Studies

South Asian Archaeology.

ARCH-453	Archaeology of Swat	Cr. Hr. 03
-----------------	----------------------------	-------------------

Course Description:

The present districts of Swat and its surrounding regions remained a favorite abode for human beings since the time memorable. The Swat valley was a flourishing center of Buddhism as attested by the remains of numerous Buddhist establishments which still stand in different localities while the antiquities recovered from their excavations by the Pakistani and foreign archaeologists are preserved in the Swat Museum Saidu Sharif and the Italy Museum, Rome.

Course Outcomes:

The study of Swat archaeology will provide an opportunity to the students to learn about the history of the arrival of Buddhism and its spread to different countries of the world such as China and Central Asian states. Moreover, the history of the beginning of archaeological research in the Swat valley and the contribution carried out by the Pakistan and foreign archaeologists, particularly the members of the Italian Archaeological mission to Pakistan will also studied in detail.

Course Contents:**WEEK 1-4:****Module - 1: History of archaeology of Swat in pre partition time**

- Beginning of Archaeology in South Asia and the Establishment of the Asiatic Society in 1784
- Early Archaeological investigation in Gandhara from 1830-1840
- Archaeological discoveries in Swat (1840-1890)
- Archaeological Survey and excavations of Buddhist establishments at Swat (1890-1921)
- Archaeological Survey and excavations of Buddhist establishments at Swat (1926-1940)

WEEK 5-8:**Module - 2:**

- Shifting paradigms in the research, from the '60ies to the present:
- Contributions of the Italian Archaeological Mission to Swat (1956 till present)
- Excavations and Explorations carried out by the Department of Archaeology and Museums, Government of Pakistan

- Contributions of the department of Archaeology, University of Peshawar (1980-1995)
- Contributions of The Directorate of Archaeology and Museums, Government of Khyber Pakhtunkhwa

WEEK 9-12:

Module - 3: Important Archaeological sites and Monuments in Swat Region

- Ghalegay Rock Shelter, Aligrama, Loebanr
- Andan Dheri, Chatpat, Damkot
- Nimogram, Barikot Ghondai, Abashaib China, Toker Dara, Amlokdara, Balo Kaly Gumbat
- Shingarda stupa, Butkara I, Butkara III, Saidu Sharif
- Rajagira castle, Ora Bazar and Ghaznavid Mosque at Odigram
- Rock Carvings and rock paintings

WEEK 13-16:

Module - 4: Practical

- Visits to the nearby Archaeological sites and monuments as well as Swat Museum
- Participation in the archaeological field work such as excavation, exploration and conservation etc.

Recommended Readings:

Update with Italian Bibliography

47. Abbot, J. (1854). Gradus ad Aornon. Journal of the Asiatic Society of Bengal, 309-63.
48. Ashraf Khan, M. (2011). Research and Excavations in Swat: The Pakistani Contribution. Journal of Asian Civilizations, Vol. 34, No.1, 355-60.
49. Beal, S. (1884). Si-Yu-Ki. Buddhist Record of the Western World, Vol. 1. London: Trubner & Co.
50. _____ (1888). The Life of Hiuen-Tsang. London: Trubner & Co.
51. Burger, E., & Wright, P. (1985 (Rep). Excavations in Swat and Explorations in the Oxus Territories in Afghanistan. Asian Arts & Archaeology, Series No-1, 1-67.

52. Churchill, W. L. (1898). *The Story of the Malakand Field Force: An Episode of Frontier War*. London: Longmans, Green , and Co.
53. Court, M. A. (1840). Collection of Facts which may be useful for the Comprehension of Alexander's Exploits on the Western Banks of the Indus (with map). *Journal of the Asiatic Society of Bengal*, Vol. VIII, 304-13.
54. Cunningham, A. (1871). *The Ancient Geography of India*. London: Trubner & Co.
55. Dani, A. H. (1967). Timargarha and the Gandhara Grave Culture. *Ancient Pakistan*, Vol. III, 1-407.
56. _____(1968-69). Excavation at Andandheri. In A.H. Dani, ed., *Chakdara Fort and Gandhara Art*. *Ancient Pakistan*, Vol. IV, 33-64.
57. _____ (1968-69). Excavation at Chatpat, In A.H. Dani, ed., *Chakdara Fort and Gandhara Art*. *Ancient Pakistan*, Vol. IV, 65-102.
58. Enriquez, C. M. (1910). *The Pathan Borderland*. Simla: Thacker, Spink and Co.
59. Faccenna, D. (1962). Mingora Site of Butkara I. In *Reports of the Campaigns 1956-1958 in Swat (Pakistan. Report and Memoirs*. Vol.1. Italy: Insituto Poligrafico dello stato P.V.
60. Faccenna, D., & Taddei, M. (1964). *Sculptures from the Sacred Area of ButkaraI (Swat, W. Pakistan)*, Vol. II, Part. 2 & 3. Italy: Instituto Poligrafio dello Stato P.V.
61. Fergusson, J. (1910). *History of Indian and Eastern Architecture*, Vol. 1. London: John Murray.
62. Khan, F. (1992). Recent Discoveries from the North-West Frontier, Pakistan. *South Asian Studies*, Vol. 8, 67-79.
63. Khan, F. (1990). Fresh Evidence of Early Buddhist Sculptures From Gandhara. *Ancient Cylon*, Vol. 4, , 171-73.
64. Khan, S. (1995). Priliminary Report of Excavations at Marjanai, Kabal, Swat. *Ancient Pakistan*, Vol. XI, 1-74.
65. Legge, J. (1886). *A Record of Buddhistic Kingdoms: Being an Account by the Chinese Monk Fa-Hien* . Oxford: Clarendon Press.
66. Luders, H. (1901). A Buddhist Inscription in Swat. *Journal of the Royal Asiatic Society of Great Britan and Ireland*, 575-76.
67. Garrick, H. B. (1885). *Archaeological Survey of India: Report of a Tour through Behar, Central India, Peshawar and Yusufzai*, Vol. XIX, Calcutta: Government Press
68. *Imperial Gazetteer of India, 1908: Provincial Series, North-West Frontier Province*, Calcutta: Government Press
69. Masson, C. (1844). *Narrative of various J Journeys in Balochistan, Afghanistan, the Panjab, & Kalat*, Vol. 1, London: S & J. Bently Publishers

70. Nasim Khan, M. (2010). Wima Takto-One or Two? Archaeological and Numismatics Evidence from Gandhara. *Gandharan Studies*, Vol. 4, Printogrphs.
71. Nasim Khan, M. (2010). The Sacred and the Secular: Investigating the unique stupa and settlement site of Aziz Dherai, Peshawar valley, NWFP, Pakistan, Vol.1 . Peshawar. Printograph, Pakistan.
72. Olivieri, L. (2011). Bibliography (1940-2011), IsMEO/ IsIAO Activities and Research in Northern Pakistan. *Journal of Asian Civilizations*, Vol. 34, No.1, 355-60.
73. Rahman, A. (1968-69). Excavation at Damkot, in A.H. Dani, ed., *Chakdara Fort and Gandhara Art*. Ancient Pakistan Vol. IV, 103-250.
74. _____ (1991). Butkara III: A Preliminary Excavation Report. *Ancient Pakista*, Vol. VIII, 152-63.
75. _____(1993). Shnaisha Gumbat: First Preliminary Excavation Report. *Ancient Pakistan*, Vol. VIII, 1-124.
76. _____ (2011). A Walk Through Gandhara. *Proceedings of the International Workshop on Gandharan Cultural Heritage*, Vol. 1 (pp. 17-27). Islamabad: Taxila Institute of Asian Civilizations Quaid-i-Azam University, Isalmabad, Pakistan.
77. Rapson, E. (1901). Impressions of Inscriptions Received from Captain A.H. MacMahon, Political Agent for Swat, Dir and Chitral. *Journal of the Royal Asiatic Society of Great Britan and Ireland* , 291-94.
78. Raverty, H. (1863). An Account of Upper and Lower Suwat, and the Kohistan, to the Source of Suwat River; with an Account of the tribes inhabiting those Valleys. *Journal of the Asiatic Society of Bengal*, Vol. XXXI, No. I To V, 227-81.
79. _____ (1865). An Account of Upper Kash-kar, and Chitral, or Lower Kash-kar, together with the Independent Afghan State of Panj-Korah, including Tal-ash. *Journal of the Asiatic Society of Bengal*, Vol. XXXIII, No. I, to V, 125-51.
80. _____(1878 (Rep 1976). *Notes on Afghanistan & Baluchistan* . Quetta: Gosh-e-Adab.
81. Stein , A. (1929 (Rep. 2006). *On Alexander's Tracts to the Indus*. London: Macmillan and Co., Limited.
82. _____ (1899 (Rep 1985). Detailed Report of an Archaeological Tour with the Buner Field Force. *Indian Antiquary*, Vol XXVIII, 14-28, 33-46, 58-64.
83. _____ (1899). Notes on Inscriptions from Udyana, Presented by Major Dean. *Journal of the Royal Asiatic Society of Great Britan and Ireland*, 895-903.
84. _____ (1921). *Serindia: Detailed Report of Explorations in Central Asia and Westernmost China*, Vol. 1. Oxford: Clarendon Press.

85. _____(1930 (Rep 1991). An Archaeological Tour in Upper Swat and Adjacent Hill Tracts. Memoir of the Archaeological Survey of India, Vol. 42, , 1-115.
86. _____ (1942). From Swat to the Gorges of the Indus. The Geographical Journal, Vol. 100, No. 2, 49-56.
87. Swati, M. (1997 (Rep 2007). Special Features of the Buddhist Art in the swat Valley. Ancient Pakistan, Vol. XVIII, 105-57.
88. _____ (1997). Pre-Kushana Reliquaries from Pataka, Swat. Journal of the Royal Asiatic Society of Great Britan and Ireland, Third Series, Vol.7 No.2, 249-55.
89. _____(1998). The Indus-Oxus School of Buddhist Art. The Glory that was Pakistan, Vol.1, 27-36.
90. Taddei, M. (2003). Buddha E Apollo, in G. Verardi and A. Filligenzi, ed., In Maurizio Taddei ,On Gandhara Collected Articles, Vol. 1. Napoli: University degli di Napoli.
91. Tucci, G. (1958). Preliminary Report on an Archaeological Survey in Swat. East and West, Vol. 9. No. 4, 279-328.
92. Watter, T. (1904). On Yuan Chwang's Travels in India. London: Royal Asiatic Society.

ARCH-454	Rock Art of Pakistan	Cr. Hr. 03
-----------------	-----------------------------	-------------------

Course Description:

This course introduces the students to the rock art of Pakistan. They will study different types of pictographs, pictograms, carvings and other forms of rock art. Furthermore, the course discusses different documentation, dating and preservation techniques used for the rock art.

Learning outcomes:

On completion, the student would be able to know about historical, socio-cultural, religious, economic, political, environmental conditions, flora, fauna and exchange of ideas of different people living in ancient times in diverse parts of the country communicated through the Rock Art in ancient times. The students will be able to differentiate between different types of rock art and their documentation techniques.

Course Contents:

WEEK 1-2:

Module 1: Introduction

- Definition, types, scope and importance

- Evolution, terminology
- Brief History of rock art research

WEEK 3-4:

Module 2: Recording

- Survey and recording
- Topography and documentation
- Regionalization and functions

WEEK 5-6:

Module 3: Prehistoric Period

- Middle Paleolithic
- Upper Palaeolithic
- Neolithic

WEEK 7-8:

Module 4: Protohistoric Period

- Chalcolithic
- Bronze Age
- Iron Age

WEEK 9-10:

Module 5: Historic Period

- Buddhist
- Hindu
- Inscriptions
- Symbols and interpretation

WEEK 11-12:

Module 6: Rock Paintings

- Techniques and nature of rock painting tradition
- Investigation and environment of rock painting sites

- Components of Paintings
- Upper Paleolithic Paintings
- Neolithic Paintings
- Historic Paintings

WEEK 13:

Module 7: Dating

- Dating techniques for petroglyphs / paintings
- Weathering and patina
- Superimposition
- Comparative and stylistic analysis

WEEK 14:

Module 8: Rock Art Sites

- Azad Jammu & Kashmir
- Gilgit Baltistan
- Khyber Pakhtunkhwa
- Punjab
- Sindh

WEEK 15-16:

Module 9: Management and Conservation

- Conservation techniques
- Conservation policy
- Equipment for treatment
- Water impact management of treatment
- Salt decay of treatment
- Visitor management
- Vandalism graffiti etc.

Recommended Readings:

1. Ashraf Khan, M. (1994) Historic Rock Carvings in Dir District. East and West, Vols. 2-4,

2. Ashraf Khan, M., Bahadar Khan, M. and Azeem, A. (1999-2000). Newly Discovered Rock Engravings and Inscriptions in the Bajaur Valley, Gandhara, Pakistan. *Ancient Pakistan*, Vol. XIII, pp. 11-25.
4. Bahn, P. Pettitt, P. and Ripoll, S. (2003). Discovery of Palaeolithic Cave Art in Britain, *Antiquity*, vol. 77 (296), pp. 227-231.
5. Bandini-König, D., M. Bemmman and H. Hauptmann, (1997) Rock Art in the Upper Indus Valley, *The Indus-Cradle and Crossroads of Civilizations*, Islamabad, pp. 29-70.
6. Bednarik, R. G. (2006). Pleistocene Rock Art in Central Europe? *International Newsletter on Rock Art*, No. 45, ICOMOS, pp. 27-30.
7. Beltran, A. (1982) *Rock Art of the Spanish Levant*, Cambridge University Press, London.
8. Bemmman, M. and Hauptmann, H. (1993). Rock Carvings and Inscriptions along the Karakorum Highway, *South Asian Archaeology 1991*, Stuttgart, pp. 313-332.
9. Bhan, J. L.(1995) Rock Art as a Clue to the Cultural History of Ladakh, *Journal of Central Asian Studies*, Vol. VI., the University of Kashmir Srinagar, pp.17-25.
10. Brentjes, B. (1977) On the Petroglyphs of Gogdara I in Swat, East and West, Vol. 27, *IsMEO*, Rome, pp.92-93.
11. Chakravarty, K. & Bednarik R. G., (1997) *Indian rock art and its global context*, Delhi.
12. Chandramouli, N., (2002), *Rock Art of South India*, Delhi.
13. Clottes J. (1998) The ‘Three Cs’: fresh avenues towards European Palaeolithic art, *The archaeology of rock-art*, Chippindale C. & Tacon P. (eds.) pp. 112-129.
14. Dani, A. H. (1983) *Chilas: The City of Nanga Parvat (Dayamer)*, Quaid-i-Azam University, Islamabad.
15. Dani, A. H. (1988) *Recent Archaeological Discoveries in Pakistan*, UNESCO, Paris & Centre for East Asian Cultural Studies, Tokyo
16. Filigenzi, A. (1995) Buddhist Rock Sculptures in Swat, North West Pakistan, *South Asian Archaeology 1995*, vol. 2, New Delhi, pp. 625-635.
17. Filigenzi, A. (1997) Buddhist Rock Sculptures in Swat, North West Pakistan, *South Asian Archaeology 1995*, Vol. 2, eds. R. Allchin & B. Allchin, New Delhi, pp. 625-635.
18. Hauptmann, H. (2006) *Rock Carvings, and Inscriptions along the Karakorum Highway*, Heidelberg Academy of Sciences and Humanities, pp. 1-13.

19. Jettmar, K. (1982) Rock-Carvings and Inscriptions in the Northern Areas of Pakistan, Institute of Folk Heritage, Islamabad, Figs. 2-3, 6-9, & 13.
20. Jettmar, K. (1985) Non-Buddhist Traditions in the Petroglyphs of the Indus Valley, South Asian Archaeology 1983, J. Schotsmans & M. Taddei, eds., Naples, pp. 751-77.
21. Jettmar, K. (1989a) Documentation and Exploration in Northern Areas of Pakistan, Pakistan Archaeology, 24, pp. 177-94.
22. Jettmar, K. (1989b) The Main Buddhist Period as represented in the Petroglyphs at Chilas and Thalpan, South Asian Archaeology 1985, K. Frifelt and P. Srensen, eds. London, pp. 407-411.
24. Kakar, F. D. (2005) Discovery of Upper Palaeolithic Rock Art in Baluchistan, Pakistan, South Asian Archaeology 2003, Aachen, pp.21-25.
25. Layton, R. (1992) Australian Rock Art: a new synthesis. Cambridge University Press.
26. Mathpal, Y. (1998) The Study of Rock Art: A Retrospect, Rock Art in Kerala, Delhi.
27. M.Vidale & L. M. Olivieri, (2002), Painted Rock Shelters of the Swat Valley; further discoveries and new hypotheses, East and West, Vol. 52, No1-4, IsIAO, Rome, pp.173-223.
28. Nasim Khan, M. (1994), Rock Carvings and Inscriptions at Helor Das, in G. Fussman und K. Jettmar (ed.) Antiquities of Northern Pakistan 3: pp.201-212.
29. Nasim Khan, M. (1998) Rock Art in Pakistan. The Glory that was Pakistan: 50 Years of Archaeological Research in Pakistan. Department of Archaeology, University of Peshawar, pp. 45-48.

ARCH-455	Ancient Art and Architecture of Pakistan and India	Cr. Hr. 03
-----------------	---	-------------------

Course Description:

The land of Pakistan and India remained sacred for different religions such as Hinduism, Buddhism, Jainism and Islam. Since 3rd-2nd century B.C., religious buildings, particularly Hindu temples and Buddhist monasteries have been constructed at different parts of the subcontinents. The study of the ancient architecture is essential since it has provided roots to the architectural tradition of the later ages.

Learning Outcomes:

The study of the course would increase the architectural vocabulary of the students and would familiarize them with different architectural tradition which was in vogue before the conquest of India by the Muslims.

Course Contents:

WEEK 1-3:

Module - 1: Architecture:

- Vedic Period architectural traditions
- Mauryan architecture
- Buddhist architecture: stupa, monastery, rock-cut sanctuaries, etc.
- Hindu and Jain architecture.

WEEK 4-6:

Module - 2: Art

- Mauryan art
- Shunga art
- Early Andhra art
- Later Andhra art
- Mathura art (Kushan Period)

WEEK 7-9:

Module - 3:

- Gandhara art (Kushan Period)
- Origin of the Buddha image
- Gupta art
- Ajanta cave paintings

WEEK 10-11:

Module 4:

- Gandhara School of Painting

WEEK 12-14:

Module 5:

- Iconography of Hindu Triad.

WEEK 15-16:**Module 6:**

- Rock Art of Pakistan.

Recommended Readings:

1. Ackermann, H. C. *Narrative Stone Reliefs from Gandhara in the Victoria and Albert Museum in London, ISMEO Reports and Memoirs XVII*, Rome 1975.
2. Banerjea, J. N. *The Development of Hindu Iconography*, Calcutta 1956 (1st ed. 1941).
3. Bautze-Picron, C. (ed.) *Religion and Art: New Issues in Indian Iconography and Iconology*, London 2008.
4. Behrendt, K. A. *The Buddhist Architecture of Gandhara*, Leiden 2004.
5. Behrendt, K. A. *The Art of Gandhara in the Metropolitan Museum of Art*, New Haven/CT. 2007.
6. Bhattacharyya, B. *The Indian Buddhist Iconography*, Calcutta, 1963.
7. Blurton, T. R. *Hindu Art*, London, 1992.
8. Brown, P. *Indian Architecture Buddhist and Hindu Periods*, 3rd ed., rev. and enl., Bombay, 1956.
9. Chakrabarti, Mangala. *A Catalogue of Sculptures of Mathura School in the Indian Museum*, Indian Museum Calcutta 2006.
10. Cunningham, Sir A. *Stupa of Bharhut*.
11. Dani, A.H. *Gandhara Art of Pakistan*, Peshawar, 1968.
12. Foucher, A. *The Beginnings of Buddhist Art*, London, 1914.
13. Grunwedel, A. *Buddhist Art in India*, New Delhi, 1901, rev. & enl. Burgess, J., 1985.
14. Harle, J. C. *The Art and Architecture of the Indian Subcontinent*, London, 1986.
15. Harle, J. C. *Gupta Sculptures*, London, 1974.
16. Huntington, S. L. and Huntington, J. C. *The Art of Ancient India Buddhist, Hindu, Jain*, New York, Tokyo, 1985.
17. Ingholt, H. *Gandhara Art in Pakistan*, New York, 1957.
18. Jaffar, S.M. *Peshawar: Past and Present*, Peshawar, 1946
19. Karttunen, K. *India and the Hellenistic World*, Helsinki 1997.
20. Khan, M. Ashraf. *A Catalogue of Gandhara Stone Sculptures in the Taxila Museum*, (2 vols), 2005.
21. Khan, Gul Rahim, (2015) *A Catalogue of Sculptures from Butkara III (Swat), Khyber Pakhtunkhwa in the SSAQ Museum of Archaeology and Ethnology, University of Peshawar*, Vol.I, Peshawar: Department of Archaeology, University of Peshawar
22. Knox, J. R. *Amaravati, Buddhist Sculpture from the Great Stupa*, British Museum, 1992.

23. Kurita, I. *Gandhara Art* (2 Vols), Tokyo 1998 (rept. 2003).
24. Marshall, J. *Taxila*, Cambridge, 1951.
25. Marshall, J. *The Buddhist Art of Gandhara*, Cambridge 1960.
26. Masih, F. *Temples of the Salt Range and North and South Kafirkot: A Detailed Analysis of Their Architecture and Decoration*, Lahore: University of the Punjab, 2015
27. Nasim Khan, M., *Buddhist Paintings in Gandhara*, Peshawar, 2000.
28. Nasim Khan, M. *Treasures from Kashmir Smast: The Earliest Śaiva Monastic Establishment*, Peshawar 2006.
29. Nasim Khan, M. *The Sacred and the Secular. Investigating the Stupa and Settlement Site of Aziz Dheri*, Peshawar Valley, Khyber Pakhtunkhwa (3 Vols), Peshawar, 2010.
30. Nehru, L. *Origin of Gandharan Style a Study of Contributory Influences*, Delhi, 1989.
31. Raducha, J. A. *Iconography of the Buddhist Relief Scenes from Kushan Mathura* (dissertation, University of Wisconsin), Madison 1982.
32. Rosenfield, J. M. *The Dynastic Arts of the Kushans*, Berkeley/Los Angeles 1967.
33. Rowland, B. *Art and Architecture of India Buddhist, Hindu, Jain*, London, 1953.
34. Rowland, B. *The Wall Paintings of India, Central Asia and Ceylon*, Boston, 1938.
35. Shah, Ibrahim, *Hindu Art of Pakistan: A Study Based on Museums Collection*, (PhD dissertation, unpublished), Department of Archaeology, University of Peshawar, 2007.
36. Sharma, R. C. (ed). *Interaction between Brahmanical and Buddhist Art*, New Delhi 2004.
37. Singh, M. *The Cave Paintings of Ajanta*, London, 1965.
38. Swati, M. F. *Gandhara Art in the Swat Valley, Pakistan: a study based on the Peshawar University collection* (Ph.D dissertation, Cambridge University), Cambridge 1997.
39. Varma, K. M. *Technique of Gandharan and Indo-Afghan Stucco Images*, Santiniketan 1987.
40. Willis, M. D. *Buddhist Reliquaries from Ancient India*, London 2000.
41. Yazdani, G. et al, *Ajanta*, Parts I-IV, Oxford, 1930-1955.
42. Zwalf, W. *A Catalogue of the Gandhara Sculpture in the British Museum* (2 vols.), London, 1996.

Journals:

- Archaeological Survey of India, Annual Report
- Ancient Pakistan
- Athariyyat (Archaeology)
- East and West
- Gandharan Studies
- Journal of the Asiatic Society of Bengal
- Journal of Asian Civilizations

- Lahore Museum Bulletin
- Pakistan Archaeology
- Pakistan Heritage

Agenda Item No.03

TEACHING OF HOLY QURAN WITH TRANSLATION, TAFSEER & TAJWEED FOR BS
TOURISM AND HOSPITALITY AND BS ARCHAEOLOGY DEGREE PROGRAMS,
UNIVERSITY OF SWAT



**Office of the Registrar
(Academics Section)
University of Swat**

Main Administration Block, Charbagh, Swat
www.uswat.edu.pk | academics@uswat.edu.pk

No. UoS/ Acad/ 222

Dated: April 27, 2023

To,

All Heads of Teaching Departments,
University of Swat

Subject: TEACHING OF HOLY QURAN WITH TRANSLATION, TAFSEER & TAJWEED FOR BS PROGRAMS, UNIVERSITY OF SWAT

Sir/Madam,

With reference to the subject cited above and letter of HEC No. SOR-I (E&AD)/1-24/2018, dated 06th March, 2023. I am directed to forward minutes of the committee on the subject cited above along with courses details for placing the same to the next meeting of your respective Board of Studies for adoption and making it part of the approved curriculum please.

Encls: (As Above)

(Muhammad Arshad Ali Khan)
Assistant Registrar, Academics

Copy for Information to the:

1. PS to Vice Chancellor, University of Swat
2. PS to Registrar, University of Swat.
3. Convener of the Committee
4. Secretary of the committee
5. File.

(Muhammad Arshad Ali Khan)
Assistant Registrar, Academics

MINUTES OF THE MEETING OF THE COMMITTEE FOR PREPERATION OF PROPOSAL FOR TEACHING OF HOLY QURAN

The meeting of the committee regarding the preparation of proposal for teaching of Holy Quran was held on 17 April, 2023, at the committee room University of Swat. The following participated in the meeting:

1. Prof. Dr. Fazal Mabood (Convener) (Dean, Faculty of Management and Social Sciences
2. Dr. Mushtaq Ahmed, Associate Professor, Chairman, Department of Islamic & Arabic Studies
3. Dr. Lutfullah, Chairman Department of Law and Sharia
4. Dr. Umar Hayat, Chairman Department of Economics and Development Studies.
5. Registrar, University of Swat
6. Dr. Yahya Khan (Secretary/Member)

The meeting started with the recitation from Holy Quran, The Chairman welcomed all the participants. Dr Yahya Khan presented a brief about the decision of the Senate of Pakistan and subsequent letter of higher education commission of Pakistan to universities regarding the same, he also briefed the committee about practice of other universities.

The syllabus of University of Malakand is presented before the committee, which is already approved from relevant bodies and currently implemented by the University of Malakand. The teaching of The Holy Quran in said Syllabus is divided into eight semesters and 02 credit hours is allocated in each semester to cover the translation of the Holy Quran in the Degree Program.

The proposal from the Department of Islamic and Arabic Studies, University of Swat was also presented which is also in line with the pattern of the University of Malakand.

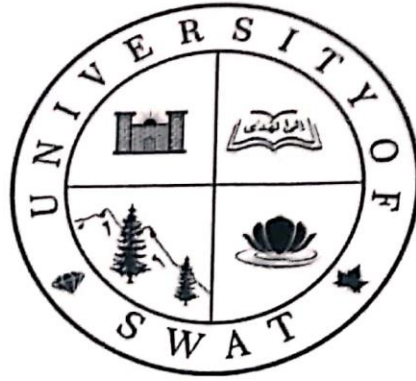
The Committee unanimously decided the following:

1. The proposal/syllabus presented regarding the teaching of holy Quran in each Degree program is hereby recommended in line with the already approved and implemented syllabus of university of Malakand (copy attached) !
2. Due care may be taken while assigning the subject of teaching of the Holy Quran to a teacher.

Meeting ended with vote of thanks to and the chair.

3. The Course shall be non-credit compulsory part of each semester & it will have 100 marks. Passing marks will be 50 but in transcript only passed/Fail (P/F) shall be written.

19/4/23



Teaching of The Holy Quran with Translation,
Tafsseer & Tajweed
For BS Programs University of Swat

Department of Islamic & Arabic Studies, University of Swat

Course: Teaching of The Holy Quran with Translation, Tafsseer & Tajweed

Semester: 01 (پارہ نمبر 3۳1)

Teaching of The Holy Quran with Translation, Tafsseer & Tajweed ترجمہ قرآن کریم پارہ نمبر 3۳1	کورس کا نام
ISL 118	کورس کوڈ
01	سمسٹر
Note: This Course will be taught Two (2) Hours a week therefore it will be consider Two (2) Credit Hours workload	کریڈٹ آورز
1۔ طلباء کو صحیح تلفظ سے قرآن کریم اور اس کا ترجمہ پڑھنے کے قابل بنانا	کورس کے اہداف

کورس کا تفصیلی خاکہ

تفصیل	عنوان	ہفتہ نمبر
1۔ سورۃ الفاتحہ (مکمل) 2۔ سورۃ البقرہ آیت 07۳1 کا ترجمہ	سورۃ الفاتحہ اور سورۃ البقرہ آیت 07۳1	1.
1۔ آیت 20۳08 کا ترجمہ 2۔ آیت 29۳21 کا ترجمہ	سورۃ البقرہ آیت 29۳08	2.
1۔ آیت 46۳30 کا ترجمہ 2۔ آیت 61۳47 کا ترجمہ	سورۃ البقرہ آیت 61۳30	3.
1۔ آیت 76۳62 کا ترجمہ 2۔ آیت 88۳77 کا ترجمہ	سورۃ البقرہ آیت 88۳62	4.
1۔ آیت 101۳89 کا ترجمہ 2۔ آیت 112۳102 کا ترجمہ	سورۃ البقرہ آیت 112۳89	5.
1۔ آیت 126۳113 کا ترجمہ 2۔ آیت 141۳127 کا ترجمہ	سورۃ البقرہ آیت 141۳113	6.
1۔ آیت 156۳142 کا ترجمہ 2۔ آیت 172۳157 کا ترجمہ	سورۃ البقرہ آیت 172۳142	7.
1۔ آیت 184۳173 کا ترجمہ 2۔ آیت 193۳185 کا ترجمہ	سورۃ البقرہ آیت 193۳173	8.
1۔ آیت 203۳194 کا ترجمہ 2۔ آیت 215۳204 کا ترجمہ	سورۃ البقرہ کی آیت 215۳194	9.
1۔ آیت 224۳216 کا ترجمہ 2۔ آیت 232۳225 کا ترجمہ	سورۃ البقرہ آیت 232۳216	10.
1۔ آیت 242۳233 کا ترجمہ 2۔ آیت 252۳243 کا ترجمہ	سورۃ البقرہ آیت 252۳233	11.
1۔ آیت 259۳253 کا ترجمہ 2۔ آیت 269۳260 کا ترجمہ	سورۃ البقرہ آیت 269۳253	12.
1۔ آیت 270۳270 کا ترجمہ 2۔ آیت 286۳282 کا ترجمہ	سورۃ البقرہ آیت 286۳270	13.
1۔ آیت 15۳01 کا ترجمہ 2۔ آیت 30۳16 کا ترجمہ	سورۃ آل عمران آیت 30۳01	14.
1۔ آیت 45۳31 کا ترجمہ 2۔ آیت 62۳46 کا ترجمہ	سورۃ آل عمران آیت 62۳31	15.
1۔ آیت 77۳63 کا ترجمہ 2۔ آیت 91۳78 کا ترجمہ	سورۃ آل عمران آیت 91۳63	16.

Course: Teaching of The Holy Quran with Translation, Tafsseer & Tajweed

Semester: 02 (پارہ نمبر 4 تا 7)

Teaching of The Holy Quran with Translation, Tafsseer & Tajweed ترجمہ قرآن کریم پارہ نمبر 4 تا 7	کورس کا نام
ISL 127	کورس کوڈ
02	سمسٹر
Note: This Course will be taught Two (2) Hours a week therefore it will be consider Two (2) Credit Hours workload	کریڈٹ آورز
1۔ طلباء کو صحیح تلفظ سے قرآن کریم اور اس کا ترجمہ پڑھنے کے قابل بنانا	کورس کے اہداف

کورس کا تفصیلی خاکہ

تفصیل	عنوان	ہفتہ نمبر
1۔ آیت 92 تا 109 کا ترجمہ 2۔ آیت 110 تا 129 کا ترجمہ	سورۃ آل عمران آیت 92 تا 129	1.
1۔ آیت 130 تا 148 کا ترجمہ 2۔ آیت 149 تا 171 کا ترجمہ	سورۃ آل عمران آیت 130 تا 171	2.
1۔ آیت 172 تا 189 کا ترجمہ 2۔ آیت 190 تا 200 کا ترجمہ	سورۃ آل عمران آیت 172 تا 200	3.
1۔ آیت 1 تا 14 کا ترجمہ 2۔ آیت 15 تا 25 کا ترجمہ	سورۃ النساء آیت 1 تا 25	4.
1۔ آیت 26 تا 42 کا ترجمہ 2۔ آیت 43 تا 59 کا ترجمہ	سورۃ النساء آیت 26 تا 59	5.
1۔ آیت 60 تا 76 کا ترجمہ 2۔ آیت 77 تا 91 کا ترجمہ	سورۃ النساء آیت 60 تا 91	6.
1۔ آیت 92 تا 100 کا ترجمہ 2۔ آیت 101 تا 112 کا ترجمہ	سورۃ النساء آیت 92 تا 112	7.
1۔ آیت 113 تا 126 کا ترجمہ 2۔ آیت 127 تا 141 کا ترجمہ	سورۃ النساء آیت 113 تا 141	8.
1۔ آیت 142 تا 162 کا ترجمہ 2۔ آیت 163 تا 176 کا ترجمہ	سورۃ النساء آیت 142 تا 176	9.
1۔ آیت 1 تا 11 کا ترجمہ 2۔ آیت 12 تا 26 کا ترجمہ	سورۃ المائدہ آیت 1 تا 26	10.
1۔ آیت 27 تا 43 کا ترجمہ 2۔ آیت 44 تا 56 کا ترجمہ	سورۃ المائدہ آیت 27 تا 56	11.
1۔ آیت 57 تا 77 کا ترجمہ 2۔ آیت 78 تا 93 کا ترجمہ	سورۃ المائدہ آیت 57 تا 93	12.
1۔ آیت 94 تا 108 کا ترجمہ 2۔ آیت 109 تا 120 کا ترجمہ	سورۃ المائدہ آیت 94 تا 120	13.
1۔ آیت 1 تا 20 کا ترجمہ 2۔ آیت 21 تا 41 کا ترجمہ	سورۃ الانعام آیت 1 تا 41	14.
1۔ آیت 42 تا 55 کا ترجمہ 2۔ آیت 56 تا 70 کا ترجمہ	سورۃ الانعام آیت 42 تا 70	15.
1۔ آیت 71 تا 90 کا ترجمہ 2۔ آیت 91 تا 110 کا ترجمہ	سورۃ الانعام آیت 71 تا 110	16.

Course: Teaching of The Holy Quran with Translation, Tafsseer & Tajweed

Semester: 03 (پارہ نمبر 11۳8)

Teaching of The Holy Quran with Translation, Tafsseer & Tajweed ترجمہ قرآن کریم پارہ نمبر 11۳8	کورس کا نام
226ISL	کورس کوڈ
03	سمسٹر
Note: This Course will be taught Two (2) Hours a week therefore it will be consider Two (2) Credit Hours workload.	کریڈٹ آورز
1۔ طلباء کو صحیح تلفظ سے قرآن کریم اور اس کا ترجمہ پڑھنے کے قابل بنانا	کورس کے اہداف

کورس کا تفصیلی خاکہ

ہفتہ نمبر	عنوان	تفصیل
1.	سورۃ الانعام آیت 111 تا 150	1۔ آیت 111 تا 131 کا ترجمہ 2۔ آیت 132 تا 150 کا ترجمہ
2.	سورۃ الانعام آیت 151 تا 165 سورۃ الاعراف آیت 01 تا 06	1۔ سورۃ الانعام آیت 151 تا 165 کا ترجمہ 2۔ سورۃ الاعراف آیت 01 تا 06 کا ترجمہ
3.	سورۃ الاعراف آیت 07 تا 47	1۔ آیت 07 تا 27 کا ترجمہ 2۔ آیت 28 تا 47 کا ترجمہ
4.	سورۃ الاعراف آیت 48 تا 93	1۔ آیت 48 تا 70 کا ترجمہ 2۔ آیت 71 تا 93 کا ترجمہ
5.	سورۃ الاعراف آیت 94 تا 127	1۔ آیت 94 تا 110 کا ترجمہ 2۔ آیت 111 تا 127 کا ترجمہ
6.	سورۃ الاعراف آیت 128 تا 162	1۔ آیت 128 تا 145 کا ترجمہ 2۔ آیت 146 تا 162 کا ترجمہ
7.	سورۃ الاعراف آیت 163 تا 206	1۔ آیت 163 تا 185 کا ترجمہ 2۔ آیت 186 تا 206 کا ترجمہ
8.	سورۃ الانفال آیت 01 تا 37	1۔ آیت 01 تا 19 کا ترجمہ 2۔ آیت 20 تا 37 کا ترجمہ
9.	سورۃ الانفال آیت 38 تا 75	1۔ آیت 38 تا 57 کا ترجمہ 2۔ آیت 58 تا 75 کا ترجمہ
10.	سورۃ التوبہ آیت 01 تا 37	1۔ آیت 01 تا 19 کا ترجمہ 2۔ آیت 20 تا 37 کا ترجمہ
11.	سورۃ التوبہ آیت 38 تا 89	1۔ آیت 38 تا 63 کا ترجمہ 2۔ آیت 64 تا 89 کا ترجمہ
12.	سورۃ التوبہ آیت 90 تا 119	1۔ آیت 90 تا 105 کا ترجمہ 2۔ آیت 106 تا 119 کا ترجمہ
13.	سورۃ التوبہ آیت 120 تا 129 سورۃ یونس آیت 01 تا 21	1۔ سورۃ التوبہ آیت 120 تا 129 کا ترجمہ 2۔ سورۃ یونس آیت 01 تا 21 کا ترجمہ
14.	سورۃ یونس آیت 22 تا 61	1۔ آیت 22 تا 41 کا ترجمہ 2۔ آیت 42 تا 61 کا ترجمہ
15.	سورۃ یونس آیت 62 تا 97	1۔ آیت 62 تا 80 کا ترجمہ 2۔ آیت 81 تا 97 کا ترجمہ
16.	سورۃ یونس آیت 98 تا 109 سورۃ ہود آیت 01 تا 05	1۔ سورۃ یونس آیت 98 تا 109 کا ترجمہ 3۔ سورۃ ہود آیت 01 تا 05 کا ترجمہ

Course: Teaching of The Holy Quran with Translation, Tafsseer & Tajweed

(پارہ نمبر 12 تا 15) Semester: 04

Teaching of The Holy Quran with Translation, Tafsseer & Tajweed ترجمہ قرآن کریم پارہ نمبر 12 تا 15 ISL 240	کورس کا نام
04	کورس کوڈ
	سمسٹر
Note: This Course will be taught Two (2) Hours a week therefore it will be consider Two (2) Credit Hours workload	کریڈٹ آورز
1۔ طلباء کو صحیح تلفظ سے قرآن کریم اور اس کا ترجمہ پڑھنے کے قابل بنانا	کورس کے اہداف

کورس کا تفصیلی خاکہ

ہفتہ نمبر	عنوان	تفصیل
1.	سورۃ ہود آیت 06 تا 49	1۔ آیت 06 تا 28 کا ترجمہ 2۔ آیت 29 تا 49 کا ترجمہ
2.	سورۃ ہود آیت 50 تا 95	1۔ آیت 50 تا 72 کا ترجمہ 2۔ آیت 73 تا 95 کا ترجمہ
3.	سورۃ ہود آیت 96 تا 123 اور سورۃ یوسف آیت 01 تا 20	1۔ سورۃ ہود آیت 96 تا 123 کا ترجمہ 2۔ سورۃ یوسف آیت 01 تا 20 کا ترجمہ
4.	سورۃ یوسف آیت 21 تا 57	1۔ آیت 21 تا 39 کا ترجمہ 2۔ آیت 40 تا 57 کا ترجمہ
5.	سورۃ یوسف آیت 58 تا 93	1۔ آیت 58 تا 76 کا ترجمہ 2۔ آیت 77 تا 93 کا ترجمہ
6.	سورۃ یوسف آیت 94 تا 111 اور سورۃ الرعد آیت 01 تا 31	1۔ سورۃ یوسف آیت 94 تا 111 کا ترجمہ 2۔ سورۃ الرعد آیت 01 تا 31 کا ترجمہ
7.	سورۃ الرعد آیت 32 تا 43 اور سورۃ ابراہیم آیت 01 تا 21	1۔ سورۃ الرعد آیت 32 تا 43 کا ترجمہ 2۔ سورۃ ابراہیم آیت 01 تا 21 کا ترجمہ
8.	سورۃ ابراہیم آیت 22 تا 52	1۔ آیت 22 تا 37 کا ترجمہ 2۔ آیت 38 تا 52 کا ترجمہ
9.	سورۃ الحجر آیت 01 تا 60	1۔ آیت 01 تا 31 کا ترجمہ 2۔ آیت 32 تا 60 کا ترجمہ
10.	سورۃ الحجر آیت 61 تا 99 اور سورۃ النحل آیت 01 تا 09	1۔ سورۃ الحجر آیت 61 تا 99 کا ترجمہ 3۔ سورۃ النحل آیت 01 تا 09 کا ترجمہ
11.	سورۃ النحل آیت 10 تا 70	1۔ آیت 10 تا 41 کا ترجمہ 2۔ آیت 42 تا 70 کا ترجمہ
12.	سورۃ النحل آیت 71 تا 128	1۔ آیت 71 تا 99 کا ترجمہ 2۔ آیت 100 تا 128 کا ترجمہ
13.	سورۃ بنی اسرائیل آیت 01 تا 40	1۔ آیت 01 تا 20 کا ترجمہ 2۔ آیت 21 تا 40 کا ترجمہ
14.	سورۃ بنی اسرائیل آیت 41 تا 84	1۔ آیت 41 تا 63 کا ترجمہ 2۔ آیت 64 تا 84 کا ترجمہ
15.	سورۃ بنی اسرائیل آیت 85 تا 111 اور سورۃ الکہف آیت 01 تا 17	1۔ سورۃ بنی اسرائیل آیت 85 تا 111 کا ترجمہ 2۔ سورۃ الکہف آیت 01 تا 17 کا ترجمہ
16.	سورۃ الکہف آیت 18 تا 74	1۔ آیت 18 تا 46 کا ترجمہ 2۔ آیت 47 تا 74 کا ترجمہ

Course: Teaching of The Holy Quran with Translation, Tafsseer & Tajweed

(پارہ نمبر 16 تا 19) 05 Semester:

Teaching of The Holy Quran with Translation, Tafsseer & Tajweed ترجمہ قرآن کریم پارہ نمبر 16 تا 19 ISL 337	کورس کا نام
05	کورس کوڈ
	سہ ماہ
Note: This Course will be taught Two (2) Hours a week therefore it will be consider Two (2) Credit Hours workload.	کریڈٹ آورز
1۔ طلباء کو صحیح تلفظ سے قرآن کریم اور اس کا ترجمہ پڑھنے کے قابل بنانا	کورس کے اہداف

کورس کا تفصیلی خاکہ

بہت نمبر	عنوان	تفصیل
1	سورۃ الکہف آیت 75 تا 110 اور سورۃ مریم آیت 1 تا 40	1۔ سورۃ الکہف آیت 75 تا 110 کا ترجمہ 2۔ سورۃ مریم آیت 1 تا 40 کا ترجمہ
2	سورۃ مریم آیت 41 تا 98 اور سورۃ طہ آیت 1 تا 24	1۔ سورۃ مریم آیت 41 تا 82 کا ترجمہ 2۔ سورۃ مریم آیت 83 تا 98 اور سورۃ طہ آیت 1 تا 24 کا ترجمہ
3	سورۃ طہ آیت 25 تا 104	1۔ آیت 25 تا 76 کا ترجمہ 2۔ آیت 77 تا 104 کا ترجمہ
4	سورۃ طہ آیت 105 تا 135 اور سورۃ الانبیاء آیت 1 تا 29	1۔ سورۃ طہ آیت 105 تا 135 کا ترجمہ 2۔ سورۃ الانبیاء آیت 1 تا 29 کا ترجمہ
5	سورۃ الانبیاء آیت 30 تا 93	1۔ آیت 30 تا 75 کا ترجمہ 2۔ آیت 76 تا 93 کا ترجمہ
6	سورۃ الانبیاء آیت 94 تا 112 اور سورۃ الحج آیت 1 تا 22	1۔ سورۃ الانبیاء آیت 94 تا 112 کا ترجمہ 2۔ سورۃ الحج آیت 1 تا 22 کا ترجمہ
7	سورۃ الحج آیت 23 تا 48	1۔ آیت 23 تا 38 کا ترجمہ 2۔ آیت 39 تا 48 کا ترجمہ
8	سورۃ الحج آیت 49 تا 78	1۔ آیت 49 تا 64 کا ترجمہ 2۔ آیت 65 تا 78 کا ترجمہ
9	سورۃ المؤمنون آیت 1 تا 77	1۔ آیت 1 تا 32 کا ترجمہ 2۔ آیت 33 تا 77 کا ترجمہ
10	سورۃ المؤمنون آیت 78 تا 118 اور سورۃ النور آیت 1 تا 10	1۔ سورۃ المؤمنون آیت 78 تا 118 کا ترجمہ 2۔ سورۃ النور آیت 1 تا 10 کا ترجمہ
11	سورۃ النور آیت 11 تا 40	1۔ آیت 11 تا 26 کا ترجمہ 2۔ آیت 27 تا 40 کا ترجمہ
12	سورۃ النور آیت 41 تا 64 اور سورۃ الفرقان آیت 1 تا 20	1۔ سورۃ النور آیت 41 تا 64 کا ترجمہ 2۔ سورۃ الفرقان آیت 1 تا 20 کا ترجمہ
13	سورۃ الفرقان آیت 21 تا 77	1۔ آیت 21 تا 44 کا ترجمہ 2۔ آیت 45 تا 77 کا ترجمہ
14	سورۃ الشعراء آیت 1 تا 122	1۔ آیت 1 تا 68 کا ترجمہ 2۔ آیت 69 تا 122 کا ترجمہ
15	سورۃ الشعراء آیت 123 تا 227	1۔ آیت 123 تا 175 کا ترجمہ 2۔ آیت 176 تا 227 کا ترجمہ
16	سورۃ النمل آیت 1 تا 59	1۔ آیت 1 تا 31 کا ترجمہ 2۔ آیت 32 تا 59 کا ترجمہ

Course: Teaching of The Holy Quran with Translation, Tafsseer & Tajweed

(پارہ نمبر 20 تا 23) 06 Semester:

Teaching of The Holy Quran with Translation, Tafsseer & Tajweed ترجمہ قرآن کریم پارہ نمبر 20 تا 23 ISL 347	کورس کا نام
06	کورس کوڈ
	سمسٹر
Note: This Course will be taught Two (2) Hours a week therefore it will be consider Two (2) Credit Hours workload	کریڈٹ آورز
1۔ طلباء کو صحیح تلفظ سے قرآن کریم اور اس کا ترجمہ پڑھنے کے قابل بنانا	کورس کے اہداف

کورس کا تفصیلی خاکہ

ہفتہ نمبر	عنوان	تفصیل
1.	سورۃ النمل آیت 60 تا 93 اور سورۃ القصص آیت 1 تا 13	1۔ سورۃ النمل آیت 60 تا 93 کا ترجمہ 2۔ سورۃ القصص آیت 1 تا 13 کا ترجمہ
2.	سورۃ القصص آیت 14 تا 60	1۔ آیت 14 تا 42 کا ترجمہ 2۔ آیت 43 تا 60 کا ترجمہ
3.	سورۃ القصص آیت 61 تا 88 اور سورۃ النکبوت آیت 1 تا 22	1۔ سورۃ القصص آیت 61 تا 88 کا ترجمہ 2۔ سورۃ النکبوت آیت 1 تا 22 کا ترجمہ
4.	سورۃ النکبوت آیت 23 تا 69	1۔ آیت 23 تا 44 کا ترجمہ 2۔ آیت 45 تا 69 کا ترجمہ
5.	سورۃ الروم آیت 1 تا 40	1۔ آیت 1 تا 19 کا ترجمہ 2۔ آیت 20 تا 40 کا ترجمہ
6.	سورۃ الروم آیت 41 تا 60 اور سورۃ لقمان آیت 1 تا 19	1۔ سورۃ الروم آیت 41 تا 60 کا ترجمہ 2۔ سورۃ لقمان آیت 1 تا 19 کا ترجمہ
7.	سورۃ لقمان آیت 20 تا 34 اور الم السجدۃ آیت 1 تا 30	1۔ سورۃ لقمان آیت 20 تا 34 کا ترجمہ 2۔ سورۃ الم السجدۃ آیت 1 تا 30 کا ترجمہ
8.	سورۃ الاحزاب آیت 1 تا 30	1۔ آیت 1 تا 8 کا ترجمہ 2۔ آیت 9 تا 30 کا ترجمہ
9.	سورۃ الاحزاب آیت 31 تا 58	1۔ آیت 31 تا 40 کا ترجمہ 2۔ آیت 41 تا 58 کا ترجمہ
10.	سورۃ الاحزاب آیت 59 تا 73 اور سورۃ سبا آیت 1 تا 30	1۔ سورۃ الاحزاب آیت 59 تا 73 کا ترجمہ 2۔ سورۃ سبا آیت 1 تا 30 کا ترجمہ
11.	سورۃ سبا آیت 31 تا 54 اور سورۃ فاطر آیت 1 تا 14	1۔ سورۃ سبا آیت 31 تا 54 کا ترجمہ 2۔ سورۃ فاطر آیت 1 تا 14 کا ترجمہ
12.	سورۃ فاطر آیت 15 تا 45 اور سورۃ یونس آیت 1 تا 32	1۔ سورۃ فاطر آیت 15 تا 45 کا ترجمہ 2۔ سورۃ یونس آیت 1 تا 32 کا ترجمہ
13.	سورۃ یونس آیت 33 تا 83 اور سورۃ الصافات آیت 1 تا 21	1۔ سورۃ یونس آیت 33 تا 67 کا ترجمہ 2۔ سورۃ یونس آیت 68 تا 83 کا ترجمہ 3۔ سورۃ الصافات آیت 1 تا 21 کا ترجمہ
14.	سورۃ الصافات آیت 22 تا 138	1۔ آیت 22 تا 74 کا ترجمہ 2۔ آیت 75 تا 138 کا ترجمہ
15.	سورۃ الصافات آیت 139 تا 182 اور سورۃ ص آیت 1 تا 64	1۔ سورۃ الصافات آیت 139 تا 182 کا ترجمہ 2۔ سورۃ ص آیت 1 تا 64 کا ترجمہ
16.	سورۃ ص آیت 65 تا 88 اور سورۃ الزمر آیت 1 تا 31	1۔ سورۃ ص آیت 65 تا 88 کا ترجمہ 2۔ سورۃ الزمر آیت 1 تا 31 کا ترجمہ

Course: **Teaching of The Holy Quran with Translation, Tafsseer & Tajweed**

(پارہ نمبر 24 تا 27)

Semester: 07

Teaching of The Holy Quran with Translation, Tafsseer & Tajweed ترجمہ قرآن کریم پارہ نمبر 24 تا 27 ISL 447	کورس کا نام
07	کورس کوڈ
	سمسٹر
Note: This Course will be taught Two (2) Hours a week therefore it will be consider Two (2) Credit Hours workload	کریڈٹ آورز
1۔ طلباء کو صحیح تلفظ سے قرآن کریم اور اس کا ترجمہ پڑھنے کے قابل بنانا	کورس کے اہداف

کورس کا تفصیلی خاکہ

ہفتہ نمبر	عنوان	تفصیل
1.	سورۃ الزمر آیت 75 تا 32 سورۃ المؤمن آیت 1 تا 9	1۔ آیات 32-63 کا ترجمہ 2۔ سورت الزمر 64-75 اور سورۃ المؤمن آیات 1-9 کا ترجمہ
2.	سورۃ المؤمن	1۔ آیات 1-37 کا ترجمہ 2۔ آیات 68-83 کا ترجمہ
3.	سورۃ المؤمن وسورۃ النجم	1۔ سورۃ المؤمن آیات 69-85 اور سورۃ النجم آیات 1-8 کا ترجمہ 2۔ آیات 9-32 کا ترجمہ
4.	سورۃ النجم وسورۃ الشوری	1۔ سورۃ النجم آیات 33-54 اور سورۃ الشوری آیات 1-9 کا ترجمہ 2۔ آیات 10-19 کا ترجمہ
5.	سورۃ الشوری سورۃ الزخرف	1۔ سورۃ الشوری آیات 20-53 کا ترجمہ 2۔ سورۃ الزخرف آیات 1-25 کا ترجمہ
6.	سورۃ الزخرف	1۔ آیات 26-56 کا ترجمہ 2۔ آیات 57-89 کا ترجمہ
7.	سورۃ الدخان	1۔ آیات 1-29 کا ترجمہ 2۔ آیات 30-59 کا ترجمہ
8.	سورۃ الجاثیہ	1۔ آیات 1-21 کا ترجمہ 2۔ آیات 22-37 کا ترجمہ
9.	سورۃ الاحقاف سورۃ محمد	1۔ سورۃ الاحقاف آیات 1-35 کا ترجمہ 2۔ سورۃ محمد آیات 1-19 کا ترجمہ
10.	سورۃ محمد سورۃ الفتح	1۔ سورۃ محمد آیات 20-38 کا ترجمہ... اور سورۃ الفتح آیات 1-10 کا ترجمہ 2۔ آیات 11-29 کا ترجمہ
11.	سورۃ الحجرات سورۃ ق	1۔ سورۃ الحجرات آیات 1-18 کا ترجمہ 2۔ سورۃ ق آیات 1-45 کا ترجمہ
12.	سورۃ الزلزال سورۃ الطور	1۔ سورۃ الزلزال آیات 1-60 کا ترجمہ 2۔ سورۃ الطور آیات 1-49 کا ترجمہ
13.	سورۃ النجم سورۃ القمر	1۔ سورۃ النجم آیات 1-62 کا ترجمہ 2۔ سورۃ القمر آیات 1-55 کا ترجمہ
14.	سورۃ الرحمن	1۔ سورۃ الرحمن آیات 1-40 کا ترجمہ 2۔ سورۃ الرحمن آیات 41-78 کا ترجمہ
15.	سورۃ الواقعة	1۔ سورۃ الواقعة آیات 1-50 کا ترجمہ 2۔ سورۃ الواقعة آیات 51-96 کا ترجمہ
16.	سورۃ الحديد	1۔ آیات 1-19 کا ترجمہ 2۔ آیات 20-29 کا ترجمہ

Course: Teaching of The Holy Quran with Translation, Tafsseer & Tajweed

(پارہ نمبر 30+28)

Semester: 08

Teaching of The Holy Quran with Translation, Tafsseer & Tajweed	کورس کا نام
ترجمہ قرآن کریم	
پارہ نمبر 30+28	
ISL 455	کورس کوڈ
08	سہر
Note: This Course will be taught Two (2) Hours a week therefore it will be consider Two (2) Credit Hours workload.	کریڈٹ آورز
1۔ طلباء کو صحیح تلفظ سے قرآن کریم اور اس کا ترجمہ پڑھنے کے قابل بنانا	کورس کے اہداف

کورس کا تفصیلی خاکہ

تفصیل	عنوان	بہت نمبر
1۔ سورۃ الجادلہ آیات 1-22 کا ترجمہ 2۔ سورۃ البقرہ آیات 1-24 کا ترجمہ	1. سورۃ الجادلہ سورۃ البقرہ	1.
1۔ سورۃ المائدہ آیات 1-13 کا ترجمہ 2۔ سورۃ الصف آیات 1-14 کا ترجمہ	2. سورۃ المائدہ سورۃ الصف	2.
1۔ سورۃ البقرہ آیات 1-11 کا ترجمہ اور سورۃ المائدہ آیات 1-11 کا ترجمہ 2۔ سورۃ التوبہ آیات 1-18 کا ترجمہ	3. سورۃ البقرہ سورۃ المائدہ سورۃ التوبہ	3.
1۔ سورۃ الطلاق آیات 1-12 کا ترجمہ 2۔ سورۃ التحریم آیات 1-12 کا ترجمہ	4. سورۃ الطلاق سورۃ التحریم	4.
1۔ سورۃ الملک آیات 1-30 کا ترجمہ 2۔ سورۃ القلم آیات 1-52 کا ترجمہ	5. سورۃ الملک سورۃ القلم	5.
1۔ سورۃ المائدہ آیات 1-52 کا ترجمہ 2۔ سورۃ المائدہ آیات 1-44 کا ترجمہ اور سورۃ النور آیات 1-28 کا ترجمہ	6. سورۃ المائدہ سورۃ النور	6.
1۔ سورۃ النور آیات 1-28 کا ترجمہ اور سورۃ النور آیات 1-20 کا ترجمہ 2۔ سورۃ المدثر آیات 1-56 کا ترجمہ	7. سورۃ النور سورۃ المدثر	7.
1۔ سورۃ القیامہ آیات 1-40 کا ترجمہ اور سورۃ الدھر آیات 1-31 کا ترجمہ 2۔ سورۃ المرسلات آیات 1-50 کا ترجمہ	8. سورۃ القیامہ سورۃ الدھر سورۃ المرسلات	8.
1۔ سورۃ التبا آیات 1-40 اور سورۃ النازعات آیات 1-46 کا ترجمہ 2۔ سورۃ النازعات آیات 1-27 اور سورۃ یس آیات 1-42 کا ترجمہ	9. سورۃ التبا سورۃ النازعات سورۃ یس	9.
1۔ سورۃ النور آیات 1-29 کا ترجمہ اور سورۃ انفطار آیات 1-19 کا ترجمہ 2۔ سورۃ النور آیات 1-36 کا ترجمہ	10. سورۃ النور سورۃ انفطار سورۃ النور	10.
1۔ سورۃ النور آیات 1-25 کا ترجمہ 2۔ سورۃ البروج آیات 1-22 اور سورۃ الطارق آیات 1-17 کا ترجمہ	11. سورۃ النور سورۃ البروج سورۃ الطارق	11.
1۔ سورۃ النور آیات 1-19 اور سورۃ الفاشیہ آیات 1-26 کا ترجمہ 2۔ سورۃ النور آیات 1-30 کا ترجمہ	12. سورۃ النور سورۃ الفاشیہ سورۃ النور	12.
1۔ سورۃ البلد آیات 1-20 اور سورۃ النور آیات 1-15 کا ترجمہ 2۔ سورۃ البلد آیات 1-20 کا ترجمہ	13. سورۃ البلد سورۃ النور	13.
1۔ سورۃ النور آیات 1-20 اور سورۃ النور آیات 1-20 کا ترجمہ 2۔ سورۃ النور آیات 1-20 کا ترجمہ	14. سورۃ النور سورۃ النور سورۃ النور	14.
1۔ سورۃ النور آیات 1-20 اور سورۃ النور آیات 1-20 کا ترجمہ 2۔ سورۃ النور آیات 1-20 کا ترجمہ	15. سورۃ النور سورۃ النور سورۃ النور	15.
1۔ سورۃ النور آیات 1-20 اور سورۃ النور آیات 1-20 کا ترجمہ 2۔ سورۃ النور آیات 1-20 کا ترجمہ	16. سورۃ النور سورۃ النور سورۃ النور	16.