

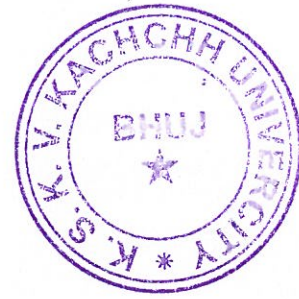
KSKV Kachchh University
Department of Archaeology
Choice Based Credit System (CBCS)
Rules
MA (Archaeology)



W.E.F FROM JUNE 2016

Chair Person

Dean



Department of Archaeology
Faculty of Arts
K.S.K.V. Kachchh University, Bhuj

Masters of Arts (M.A.) Semester I-IV

Subject: Archaeology

- Any student having Graduate degree in Arts or Science can pursue his Masters in Archaeology
- The Masters in Archaeology is a regular course of Two Years of Four Semesters each
- The medium of instruction for the course will be in English
- Each Semester will be of Six (6) months duration
- Semester I to III will be five (5) papers plus practicals. Semester IV will have four (4) papers and one dissertation plus practicals
- If someone does not clear Semester I, he can continue in Semester II. Similarly if someone does not clear Semester I and II, he can continue in Semester III and IV.
- Each Subject will carry hundred marks (100 marks), wherein seventy (70) marks will be assessed through University assessment and the rest thirty (30) marks will be assessed by the Department through Internal Assessment via Seminars, Assignments, Internal Examination etc.
- The University examination will be of 70 marks (time: 2hrs 15 mins)
- A student will be declared pass only if he gets forty (40%) or more percentage. He/She has to secure minimum twenty eight (28) marks in University Examination and a minimum of twelve (12) marks in Departmental assessment.
- At the beginning of Semester III the students have to submit the letter of declaration for the dissertation title.
- It is compulsory for the student to pass in both external and internal assessment. If a student does not clear his/her internal assessment he will not be declared pass in the paper and he will have to appear again in both the internal as well as external examination in the coming semester. On the contrary if a student clears his internal assessment but is not able to pass the external examination he will have to appear in the external examinations only.
- Students will have to select the subject for foundation course well in advance during the admission time. The assessment of the foundation course will be carried out at the end of Semester II. The students who are not able to clear the foundation course at the end of Semester II will not be declared pass in Semester II and will have to appear again in the next examination.

Sr. No.	Level UG/PG/M. Phil./ Diploma/ Advance Diploma/ Certificates/ Others	Semester	Course Group Foundation/ Core/ Elective - 1/ Elective - 2/ Practicals/ Project	Course (Paper Title)	Course Paper No.	Credit	Internal Marks	External Marks	Practicals		Viva	Total Marks	Course Paper Unique Code
									Internal	External			
Semester - I													
1	PG	I	Core	Principals and Methods in Archaeology	CCAR101	4	30	70				100	
2	PG	I	Core	The Story of Indian Archaeology	CCAR102	4	30	70				100	
3	PG	I	Core	Prehistory of India	CCAR103	4	30	70				100	
4	PG	I	Elective	Epigraphy and Palaeography	ECAR101	4	30	70				100	
5	PG	I	Elective	Numismatics	ECAR102	4	30	70				100	
6	PG	I	Practicals	Practical	PRAR101	4			30	70		100	
							Total	150	350	100	50	50	
												Grand Total	650

Semester - II													
1	PG	II	Core	Pre and Proto History of India	CCAR204	4	30	70				100	
2	PG	II	Core	Architecture, Sculpture and Iconography	CCAR205	4	30	70				100	
3	PG	II	Core	World Pre History	CCAR206	4	30	70				100	
4	PG	II	Elective	Archaeology of South Asia	ECAR203	4	30	70				100	
5	PG	II	Elective	Political and Cultural History of India from Vedic to 12 th Century AD	ECAR204	4	30	70				100	
6	PG	II	Practicals	Practical	PRAR202	4			30	70		100	
							Total	150	350	100	50	50	
												Grand Total	650



SEMESTER I

CCAR101 Principals and Methods of Archaeology

CCAR102 The Story of Indian Archaeology

CCAR103 Prehistory of India

ECAR101 Epigraphy and Palaeography

ECAR102 Numismatics

PRAR101 Practicals



EXAMINATION PATTERN: 70 (EXTERNAL): 30 (INTERNAL)

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)



INTERNAL

Internal 30 Marks

Internal Exam: 20 Marks

Assignments: 5 marks

Seminars: 5 marks

VIVA-VOCE

50 Marks Viva

Viva of 50 marks

PRACTICAL

EXTERNAL

70 Marks Practical

Total of 70 marks for practicals from all the subjects

INTERNAL

Practical: 30 marks

CCAR101 Principals and Methods of Archaeology

UNIT 1: Definition and Scope

Definition, Archaeology and History, Kinds of Archaeology, Economic Archaeology, Functions of an Archaeologist, Value of Archaeology

UNIT 2: Archaeological Methods

Exploration: Village to village Survey; River Survey; Selective Survey; Recording the result; **Excavations:** Vertical Excavation; Horizontal Excavation; Salvage Excavation; Maintenance of Log Book; **Restoration:** Restoration of Monuments; Restoration of Antiquities; Restoration of Antiquities; **Conservation:** Conservation of Monuments; Environmental Conservation

UNIT 3: Archaeology and Other Science – Dating Methods

Archaeology and Geology; Physics; Chemistry; Biology; Anthropology; Palaeontology; Zoology; Metallurgy; Statistical Methods; Computer Science

UNIT 4: Documentation, Publication, Conservation and Museum Display

Documentation, Publication, Conservation of Artefacts, Museum Display

Books Recommended:

K.V. Raman. 'Principals and Methods of Archaeology'

K. Rajan. 'Archaeology Principals and Methods'

Kevin Greene: Archaeology: An Introduction

R.N. Mehta. "Puratattva ni Vibhavana" (Gujarat), 1984

U.P. Shah. Puratatva ane Puravastuvidya (Gujarat), 1967



70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)

CCAR102 The Story of Indian Archaeology

UNIT 1:

- A. Definition of Archaeology
- B. Asiatic Society

UNIT 2:

- A. Contribution of British research scholars
- B. Cunningham and Archaeological Survey of India
- C. Brief Set-Back in the Study of Archaeology

UNIT 3:

- A. Archaeology in the New Era. A Period of true love of Heritage
- B. John Marshall, a true field Archaeologist

UNIT 4:

- A. Archaeology after 1947, Post Orientalism
- B. Present structure of archaeology in India (Central and State Governments, universities and museums, foreign agencies.)



BOOKS RECOMMENDED

Sourindranath Roy. The Story of Indian Archaeology 1961 (Archaeological Survey of India)
Archaeological Survey of India. A Ministry of Education, Department of Archaeology,
Government of India.

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)

CCAR103 Prehistory of India

UNIT 1:

- A. Physical features of the Indian Subcontinent and their effects on Prehistorical Cultures of India
- B. History of Prehistoric research in India

UNIT 2:

- A. Stone tools Techniques
- B. Stone tools Identification

UNIT 3:

- A. Prehistoric Cultures
- B. Prehistoric Rock Art

UNIT 4:

- A. Lower and Middle Palaeolithic Cultures
- B. Upper Palaeolithic period
- C. Mesolithic Period
- D. Neolithic Period



BOOKS RECOMMENDED

- Ball V. Proceedings of Asiatic Society of Bengal from 1865 to 1870
Mortimer Wheeler. India and Pakistan, 1959
G.L. Possehl (Ed) South Asian Archaeology Studies

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)

ECAR101 Epigraphy and Palaeography

EPIGRAPHY

UNIT 1:

- A. Rock Inscriptions of Asok, Rudradaman and Skandgupta
- B. Pillar Inscription of Samudragupt at Allahabad
- C. Pillar Inscription of Chandragupt II at Mathura
- D. Besnagar Garuda Pillar Inscription of Dhabhadra
- E. Hathigumpha Inscription of Kharavel



UNIT 2:

- A. Mathura Stone Inscription of Huvishka
- B. Nasik Cave Inscription of Gautamiputra Satakarni
- C. Kavi Plates of Jay Bhatt IV
- D. Dev ni Mori Relic Casket Inscription of Kathika Era
- E. Aihole Inscription of Pulkesin II
- F. Gwalior Prasasti of Bhoj Pratihar

PALAEOGRAPHY

UNIT 3

- A. Origin of Brahmi and Kharoshti Scripts
- B. Script used by Mauryas, Kushans, Guptas, Satavahans and Kshatrapas

UNIT 4:

- A. Script used by Maitrakas of Gujarat
- B. Use of Nagara characters up to beginning of 1200 A.D.

BOOKS RECOMMENDED

Richard Salomon: Indian Epigraphy

Ahmad Hasan Dani: Indian Palaeography

Parmeshwari Lal Gupta, :Thakur Prasad Verma Ancient Indian Palaeography: Kushana & Satavahana

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)



ECAR102 Numismatics

UNIT 1:

Origin and antiquity of coinage in Ancient India. Coins as a source of history. Technique of manufacture and metrology. Survey of coin series in India.

UNIT 2:

Punch marked and cast coins. Local and Tribal coins. Indo-Greek coins.

UNIT 3:

Indo-Scythians, Indo-Parthians, Kushana coins, Coins of Western Kshatrapas, Gupta coins and Gohils, Saka_Pahlavas

UNIT 4:

Coins of Hunas, Maukharis, Pushpabhutis, Chola Pandya, Chera coins, Satavahana coins

BOOKS RECOMMENDED

Prashant Srivastava: Aspects of Ancient Indian Numismatics

Philip Grierson: Numismatics

D. D. Kosambi: Indian Numismatics

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)

PRAR01 Practicals

Archaeological Methods, Different types of Dating Methods, How to Document, Publish, Conserve and Display Archaeological Artifacts, Stone tools Techniques and Identification, Prehistoric Rock Art, Numismatics

PRACTICAL

EXTERNAL

70 Marks Practical

Total of 70 marks for practicals from all the subjects

INTERNAL

Practical: 30 marks



SEMESTER II



CCAR204 Proto History of India

CCAR205 Architecture, Sculpture and Iconography

CCAR206 World Pre History

ECAR203 The Archaeology of South Asia

**ECAR204 Political and Cultural History of India from Vedic to 12th
Century AD**

PRAR202 Practicals

EXAMINATION PATTERN: 70 (EXTERNAL): 30 (INTERNAL)

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)



INTERNAL

Internal 30 Marks

Internal Exam: 20 Marks

Assignments: 5 marks

Seminars: 5 marks

VIVA-VOCE

50 Marks Viva

Viva of 50 marks

PRACTICAL

EXTERNAL

70 Marks Practical

Total of 70 marks for practicals from all the subjects

INTERNAL

Practical: 30 marks



CCAR204 Proto History of India

Unit-1:

History of Proto-historic research in India; Harappan period: Pre Harappan, Mature Harappan, Late Harappan

Unit-2:

Pre and Early Harappan village cultures of North - Western India, Harappan Culture-Origin, extent, chronology, factors of urbanization, trade, script, religion arts and craft, factors of decline; Post Harappan cultures in Punjab, Haryana, Rajasthan, Uttar Pradesh and Gujarat.

Unit-3:

Copper Hoard Culture; Other Post Harappan Chalcolithic culture: Kayatha culture, Banas culture, Malwa culture, Jorwe culture

Unit-4:

Iron Age culture: Megalithic culture, Painted Grey culture, Northern Black Polished ware culture

Books Recommended

- (1) B.Subbarao- Personality of India, baroda,1958
- (2) H.D.Sankalia- Stone Age Tools :Their Techniques, names and probable Function, Deccan College, Pune 1982
- (3) H.D.Sankalia- Prehistory and protohistory of India and Pakistan , Deccan College, Pune
- (4) D.P.Agrawat –The Archeology of India, Curzon Press, London.1982
- (5) B.R.Alichin,D.K Chakrabarti- A Source Book on indian Archaeology, M.MPublishing Pvt
- (6) B.Alichin, A.Goudie K.T.M.Hegde The prehistory and Paleogeography of the Grate Indian Thar Desert, Academic Press, london 1978.
- (7) G.L.Possehi-Harappan Civilization, Oxford and I.B.H Publishing Co. New Delhi,1982
- (8) B.B.Lal,S.P.Gupta-Frontiers of the Indus Civilization,Books and Books,New Delhi,1984
- (9) S.R.Rao-Lothl and Indus Civilization,Asia publication House ,Bombay,1973
- (10) J.P.Joshi-Exacavation at Surkotada in 19721-72 Excavation at Surkotada in 19721-72 and Exploration in Kutch,Momooirs of the Archaeological Survey of India,87,1990
- (11) N.R.Banerjee. the iron Age in India.M.M.Publications, new Delhi,1965

EXTERNAL

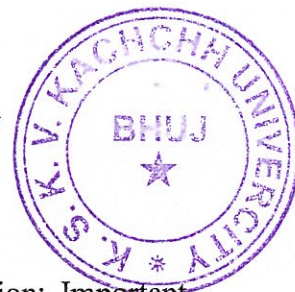
70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)

CCAR205 Architecture, Sculpture and Iconography



Unit-1:

Architecture as a Source of Cultural Studies and Methods of its interpretation; Important Mauryan Architecture; Stupas and Viharas: Origin, Architectural Characteristics; Development of Stupa Architecture: Central India, South India, North Western India, Gangetic Basin, South East Asia

Rock-cut Architecture: Main features and stages of development of Chaitya Hall, Barabara hill group, Udigiri-Khandgiri (Orissa), Western Indian group: *Bhaja, Kanheri, Kondane, Pitalkhora, Ajanta, Junnar, Karle, Nasik, Ellora.*

Unit-2:

Indian Temples: Concept, Origin, antiquity and development: Its Plan and Elevation: Gupta and Post Gupta Temples, North Indian Style of Temple Architecture, Temple of Gujarat and Rajasthan, Bhumij Temples of Central India, Khajuraho Group of Temples, Temples of Orissa, Temples of Badami, Southern Styles of Temple Architecture, Mahabalipram and Monolithic Temple, Temples of Tanjor, Kanchi, Madurai etc.

Unit-3:

Sculpture as a Source of Cultural Studies: Mauryan Sculpture, Sunga Sculpture, Mathura School of Art, Gandhar School of Art, Andhra Sculpture, Gupta Sculpture, Medieval Sculptures

Unit-4:

Origin and Development of Image Worship

Principal Iconographic Features of Brahma, Surya, Navgrah, Digpal etc.; Forms of Shiva : Shivlingas, Saumya, Ugra and Sanharmurtis of Shiva; Forms of Vishnu: Garuda, Characteristic forms of Dasavatars; Composite Images of Hindu Iconography; Karttikeya, Ganesh, Nandi etc.; Forms of Shakti: Parvati, Durga, Lakhmi, Sarsvati, Lajja Gauri, Matrukas; Symbolic and Iconic depictions of Buddha in Indian Art; Dhyani Buddhas, Manushi Buddhas, Bodhisattva, Maitreya; Tara, Manjushri, Prajna-Parmita; Panuchika-Hariti, Jambhal etc.; 24, Tirthankaras; Yaksha and Yakshinis of the Tirthankars.

Books Recommended

- (1) Percy Brown-Indian Architecture. Vol.I.D.B Taraporvala and Co,Bombay.1959
- (2) S.Nagaraju-Buddhist, Architecture of Western India. Agamkala Prakashan,Delhi.1981
- (3) Michael Mesiter and Madhusudhan Dhaky(Eds.) Encyclopaedia of Indian Temples. American Institute of Indian Studies Delhi.1991

- (4) Pramod Chandra(Ed.)Studies in India Temple Architecture Institute of Indian Studies Delhi.1975
- (5) J.C.Harley- Gupta Sculpture.Clarendon, Press,Oxford 1974
- (6) T.A.G.Rao- Elements of Hindu Iconography. Vol. 1 and 2 . Motilal and Banarasidas,Delhi.1968
- (7) J.N.Banerjea- The Development of Hindu iconography .Calcutta university .1956
- (8) R.S.Gupta- Iconography of the Hindus. Buddhists and Jains D.B .Taraporvala and Co.Bombay.1972

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)



CCAR206 World Pre History



Unit-1:

Meaning and scope of prehistory. History and development of prehistoric archaeology. Methods and principles of prehistory. Introduction to prehistoric cultural sequence. Prehistory and geological time frame. Human antiquity and fossil records. Prehistoric stone tools techniques. Stone age primary and secondary sites.

Unit-2:

Lower Paleolithic cultures in Africa, Europe, and West Asia. Contributions of Olduvai Gorge in the Paleolithic study. Pre-Acheulian and Acheulian development. Non Handaxe industries. Hominid fossil records. Cultural patterns of the early Hominids. The Middle and Upper Paleolithic cultures of Europe. Post Acheulian developments in Africa and Asia. Stratigraphy and chronology. Upper Paleolithic Art.

Unit-3:

Mesolithic culture of Europe, Africa and Asia. Neolithic culture and the beginning of domestication of plants and animals. Development of Neolithic culture in West Asia. Early domestication in other parts of the world.

Unit-4:

Prehistory of China, Southeast Asia, the Americas and Australia. Lower Paleolithic culture in China and in Southeast Asia. Antiquity of Prehistoric Americas, Prehistoric remains and Paleo-Indians. Prehistoric remains in Sahul and their antiquity.

Books / Readings Recommended

- (1) Bordes ,Fancois 1968 The Old Stone Age
- (2) Butzer, K.W and G.L. Isaac (Eds.) 1975 After the Australopithecene, The Hague
- (3) Clark,J.E.D 1977 World prehistory. New Perspective, Cambridge
- (4) Daniel,G.L- Hundred years of Archaeology
- (5) Isaac G.L.1971 The Diet of Early Man. World Archaeology 2:278-229
- (6) Klein R.G 1999 The human Career ,Human Biological and Cultural Origins.
- (7) Lee R.B and DeVore –The University of Chicago Chicago.
- (8) Paddayya, K 1990-New Archaeology and Aftermath. Ravish publishers ,Pune
- (9) Petrecia Philip- prehistory Europe
- (10) Philipeon, D.W 1988 African Archaeology Cambridge University Prese. Cambridge
- (11) Trigger, B.G 1989 A History of Archaeological Thought
- (12) White, P.J and Conneil, J.F 1982. A prihistory of Australia , New Guinea and Saul. New York ,Academic Press

- (13) Aldine Wendorf, Fred and R.Schild 1981: The Earliest Food Producers
.Archaeology34(5):30-36
- (14)Wright, G.A 1972:” Origins of Food Production in Southwestern Asia: A
Summary of Ideas ” Current Anthropology 12(4&5): 447-77

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)



ECAR203 The Archaeology of South Asia



Unit-1:

Background of South Asian Urbanism; Geographic and environmental features; Environmental settings and Archaeological background, Geological regions and cultural regions; Prehistoric cultures and their environmental setting; Paleolithic, Mesolithic and Neolithic cultural development.

Unit-2:

Beginning of urbanism in the Indus valley; Introduction to the concept of urbanism; Chalcolithic beginning and Pre-Harappan settlement in the North-Western and adjoining regions of the Indian subcontinent; Pre-urban and Proto-urban settlements.

Unit-3:

Indus valley civilization and urban settlements; The Harappa culture; Urban characteristics, Settlement, civic amenities; Economic set up; Craft and Art, Trade and Exchange, Agriculture and pastoralism; Politico-religious set up, Urban rural dichotomy; Decline of Indus Urbanism and the Post-Urban Phase; Post-Urban Phase in the Indus valley, Rajasthan, Haryana and Gujarat.

Unit-4:

Growth of urbanism in the Gangetic valley; The legacy of Indus urbanism, The Vedic period; PGW and the roots of urban life in the Gangetic valley; Urban growth and the role of iron and the NBPW; Maurayan Empire and the culmination of urbanization; The Kushan times; The Guptas and the subsequent urban decay.

Books / Readings Recommended

- (1) B.K.Thapar- Recent Advances in Indian Archaeology
- (2) Allchin F.R 1995- The Archaeology of Early Historyc Souty Asia:The Emergence of Cities and states. Cambridge University pressmLondon
- (3) Bhan,K.K 1992 late Harappan Gujarat. Eastern Anthropologist 45(1-2):173-192
- (4) Chakrabani, D.K 1984 Origins of the Indus Civilization :Theories and Problems .In Lal, B.B and S.P Gupta(Eds).Frontiers of the Indus Civilization. Books and Books.New Delhi
- (5) Fairservis ,W.A 1975 The Root of Ancient India. Chicago Uni.Press
- (6) Jacobson,Jeromr(Eds).1987 Studies in Archaeology of India and pakistan
- (7) Kenoyer K.A.R and G.L. Possehl (Eds) 1984 Studies in Archaeology of South Asia.Oxford and IHB,New Delhi
- (8) Kenoyer, J.M (ed)1989 old Problems and new Perspectives in Archaeology of South Asia. Wisconsin. Archaeological Report Vol 2
- (9) Lal,B.B 1981 The Two Indian Epics vis-a-vis Archaeology. Antiquity VI27-34
- (10) Lal, B.b 1997 The Earliest Civilization of South Asia. Aryan Book International .New Delhi
- (11) Mughal,M.R 1990- Futher Evidence of the Early Harappan Culture inthe Greater Indus Valley Siuth Asian Studies 6:175-199

- (12) Ratnagar, Shereen 1994 Harappan trade in it's "World " Context. Man and Environment XIX(1-2):115-129
- (13) Ajita K.Patel and Jaya Mohan 2004. Excavations at Bagasra 1996-2003.A preliminary Report. Man and Environment XXVIII(2)2003:pn 21-50
- (14) Spate O.H.K 1954 India and Pakistan: A general and Regional Geography.methuen London

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)



ECAR204 Political and Cultural History of India from Vedic to 12th Century AD

Unit-1:

Early Vedic to Early Historic Period

Introduction to the study of history: sources and methodology; Early Vedic and Later Vedic period – Society and Polity; 6th century B.C. and the rise of new religions; Society and economy – urbanization, trade, caste system; Polity – the transition to state.

Unit-2:

Mauryan and Post-Mauryan Period

Process and forms of political expansion; Trade and economic organization; Indo-Greek, sythians, Parthians, Western Kshatrapas; Kusanas – Spread of Buddhism, the development of Brahmanical religions, long distance trade networks

Unit-3:

Gupta & Post-Gupta Period and Development in the Peninsula

Political expansion of the Gupta empire; Feudatorier of the Gupta dynasty; Cultural development in the Gupta-Vakataka period; Temple building, school of sculpture and painting, literature; Sangam polity and society; Political development in the Peninsula— Chalukya, Pandyas, Ceres, Colas, state formation; Cultural developments

Unit-4:

Early Medieval Period

Regionalisation of polity: decentralization and the growth of landed intermediaries; Regional societies: local developments in art, architecture and religious cults; Social structures: proliferation of castes and sub – castes.

Books / Readings Recommended

- (1) Altekar, A S 1934 State and Government in Ancient India. Banaras
- (2) Chattopadhyay, B.D 1984 The Making of Early Medieval India. Delhi
- (3) Fick, R.1920 The Social Organization of North –east India in Buddha's Time. Calcutta.
- (4) Ghoshal, U.N 1966. A History of Indian Political Ideas. Delhi
- (5) Jain, V.K 1990 Trade and traders in Western India. Delhi.
- (6) Jaiswal, S .2000 Caste. Origin, Function and Dimensions of Change. Delhi
- (7) Jayaswal, K.P 1943 Hindu Polity.
- (8) Jha, D.N 1967. Feudal Social Formation in Early India. Delhi
- (9) Jha, D.N 1998 Ancient India. Delhi.
- (10) Kosambi, D.D 1975 An Introduction to the Study of Indian History. Bombay.



- (11) Mukherjee, B.N 1975 Kushana State and Indian Society.
- (12) Sharma, R.S 1959 .Aspects of Political Ideas and Institutions in Ancient India. Delhi.
- (13) Sharma, R.S 1980. Sudras in Ancient India.
- (14) Thapar, R. (ed). 1978. Ancient Indian Social History. Delhi.
- (15) Thapar, R. 1997. Asoka and the Decline of the Mauryas. Revised edition. Delhi

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)





PRAR202 Practicals

Architecture, Sculpture and Iconography: Stupas and Viharas, Rock-cut Architecture, Indian Temples, Identification and description of Prehistoric tools and implements, Identification and description of various antiquities belonging to Prehistoric to The Early Historic period of South Asia.

(A neat record of the practical works, duly signed by the concerned teacher needs to be submitted at the time of practical examination for evaluation).

PRACTICAL

EXTERNAL

70 Marks Practical

Total of 70 marks for practicals from all the subjects

INTERNAL

Practical: 30 marks

SEMESTER III



CCAR307 Ethno-archaeology and Experimental archaeology

CCAR308 Bio-anthropology and Bio-archaeology

CCAR309 Environmental archaeology

ECAR305 Exploration of human diversity

ECAR306 Bronze age civilization

PRAR303 Practicals

EXAMINATION PATTERN: 70 (EXTERNAL): 30 (INTERNAL)

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)



INTERNAL

Internal 30 Marks

Internal Exam: 20 Marks

Assignments: 5 marks

Seminars: 5 marks

VIVA-VOCE

50 Marks Viva

Viva of 50 marks

PRACTICAL

EXTERNAL

70 Marks Practical

Total of 70 marks for practicals from all the subjects

INTERNAL

Practical: 30 marks



CCAR307 Ethno-archaeology and Experimental archaeology

Unit-1:

General Introduction: Analogy, Ethno archaeology, Experimental archaeology; Craft and Crafting; What skilled Crafting Means; Skilled Artisans in time and Space; Qualities of Skilled Artisans; Skilled Crafting and Political Authority; Craft Specialization: definition, documentation and explaining the organization and production

Unit-2:

General principles of Artifact Examination; Limitation: Sample size, corrosion decay, qualitative and quantitative; Physical Examination; Qualitative and Quantitative Analyses

A. Lithic Technology

General Qualities of raw material; (A) Flaking : Method of Flaking (B) Abrasive : Rubbing, sawing, Drilling and Polishing (C) Cutting: Carving, cutting, engraving (D) pulverizing; Mining and Quarrying; Beginning of Pyro technology; Stone Bead making: Modern and Ancient; Examination of Stone Artifacts

B. Ceramic Production

Raw materials : Clays and Fillers; Farming processes; Surface Decoration; Drying; Firing: Bonfire, Updraught, pit-kiln, Downdraught, Muffle Kiln; Firing Sequence; Treatment after firing and Firing Mishaps; Examination of ceramics; Technological studies of Indian Prehistoric and Historic Pottery; Advanced Ceramics: Stoneware, Glazes, Frit, Faience, Glass and enamels and refractory ceramics, Examination of above artifacts, Indus valley Faience and stoneware

Unit-3:

Metallurgy

Copper: Ores: Oxide ores, Sulphide ores, Mining, Fire setting and other methods, Preparation of ore, Smelting : Roasting, Furnaces, Alloys, Casting, Cold Working : Annealing, Hammering, sinking, raising, drawing, joining, etc.; **Iron and Steel Ores:** Oxides, Sulphides, Mining, preparation of ore, Smelting: Annealing, Quenching, forging, joining; **Gold, Silver and Zinc:** Ores, Preparation, Smelting and extraction, Zinc Furnace of Zawar; Examination of metal artifacts; Harappan Metallurgy

Unit-4:

Organic Material: Wood working, leather, Bone, Horn, shell and Ivory, Adhesives, Fuels
Critical Evaluation of Following Ethno archaeological Projects: Ethno archaeological Study of bead manufacture at Khambhat, India, Ethno archaeological Study of Shell

Working in India, Ethno archaeological View of Indian Terracotta, Pastoralism, Compulsory field trip to any of the Excavation site

Books Recommended :-

- Gould, R., (ed.) 1978: Exploration in Ethno archaeology introduction. PP. 241-293. Albuquerque: university of new mexiaco.
- Allchin, b. 1994: south Asia's Living past in Living tredition Studies in Ethno archaeology of South Asia pp.1-5 Oxford and IHB, New Delhi
- Kramar, c. 1982 .Village Ethno archaeology, Rural Iran in Archaeological perspective. Introduction pp. 1-5 Academic press: new york.
- Coles, j. 1979:Experimental Archaeology. Introduction, pp. 1-48 Academic press: new York
- Hodges h., 1971 : Artifacts. Chapter sixteen pp. 175-187 Academic press: John Baker.
- Hodges. H., 1971 Artifacts. Chapters seven and seventeen .pp. 98-111 and 188-193 Academic press. John baker.
- Kenoyer J. M and M. Vidale 1993 A New Look at Stone Drills of the Indus Valley Tradition in Material and Issues in Art and Archaeology III.(eds. P. Vandiver J. R. Druzick G. S. wheeler and I Freestone) pp. 495-515 Pittsburgh Material research society.
- Kneoyer, J. M. M. Vidale and K. K. Bhan 1991 Contemporary Stone Bead making in Khambhat india An ethno archaeology Study in Living tradition. Studies in Ethno archaeology of South Asia, B Allchin, pp. 31-44 Washington D.C Smithsonian .
- Shapred,A.D. 1956: Ceramic for Archaeologist, Washington. This is good book on pottery technology written especially for archaeologists.
- Krishnan, K. and K. T. M. Hegde 1987: Chemical and Petro graphic Studies in Pottery of Harappan Culture in Gujarat. *Journal of M.S.University of Baroda* (Humanities) 35-36, 1 (1986-87) 27-56.
- Hegde K. T. M. 1975: Analysis of Ancient Deluxe wares, in *Archaeophysiko*,10 (141-55).Bonn. This paper discusses the manufacture of PGW and NBPW.
- Vidale, M. 1987. More information on a Proto historic Ceramic Puzzle, in *Interim report* (ed.s) M. Jensen and G Urban, Vol. 2.pp. 105-114.

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)





CCAR308 Bio-anthropology and Bio-archaeology

Unit-1:

Introduction to Biological Anthropology; Methods and Paradigms; Subjects of Study (Human Variation, Population Adaptation, Origin, Role of Molecular, Biology, behavior); Language of Biological Anthropology (Taxonomy and Systematic, Species, Subspecies, Phylogenetic Systematic, ecology and evolution); Primates : Origins and evolution; Definition and classification; Living primates; Fossil primate (Paleocene to Miocene); Adaptive Radiation of primate preceding the emergence of hominids; Plio – Pleistocene hominids: Australopithecines, Paranthropines

Unit-2:

Early Homo: Homo habilis, Phylogeny australopithecines and Early homo, Later homo of the Early to Mid Quaternary: Homo erectus, Early “archaic” homo sapiens, Early hominid behavior; Late Quaternary Humans: Classic Neanderthals and their Origin, The contemporaries of the classic Neanderthals, Neanderthal Behavior : Cultural variability, economy, technology, and society, fate of the Neanderthal

Unit-3:

Anatomically modern humans –*homo sapiens*; Origins of modern humans : Fossil and archaeological evidence; Late Pleistocene Cultural variability, economy , technology, society, and population spread; Molecular evidence: Mitochondrial nuclear, and other DNA and human evolution, “Out of Africa” or “Eve” hypothesis versus multiregional model; Human Biology and Variation; Nature of human genetic variation; The “race” concept and classification; The fallacy of “race” and the inadequacy of traditional racial classification; Relationship between Biological evolution and cultural change

Unit -4

Bio archaeology: Zoo archaeology, palaeo ethnobotany, Paleontology, Paleolithic studies, Methods (Recovery processors ,Identification, Modern comparative zoological and botanical collections); **Bio archaeological interpretations and implications:** Reconstructing past environments, Subsistence studies of hunter- gatherers, Origins of agriculture, Origins of pastoralism; **Markers of domestication:** Foe Plants, Foe Animals; **Transitions to Agriculture in Western Asia:** The late Paleolithic Natufian (dog, cereal gathering and ? cultivation), Pre-pottery Neolithic A (domestication of plants: wheat, barley, oats, and legumes), pre-potter Neolithic B(Domestication of bovid and pigs)

Books Recommended :-

- (1) Jones ,S.R. Martin and D. Pilbeam 1992. The Cambridge Encyclopedia of Human Evolution ,edited book, Cambridge University Press
- (2) Montagu, A 1997 Man’s Most Dangerous Myth: the fallacy of race , AltaMira press
- (3) Davis , S.MJ. 1987 The Archaeology of Animal, B.T Batsford LTD

- (4) T.D and A.B. Gebauer 1995 Last Hunters, First Farmers , Santa Fe: School of American Research Pressa
- (5) T.D and A.B Gebauer 1992 Transitions to Agriculture in Prehistory. Madison, WI Prehistory

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)





CCAR309 Environmental archaeology

Unit-1

Nature and scope of the Subject: Development of Environmental Archaeology as a specialized field. Position of Quaternary Period in the geological history of earth.

Unit-2

Distinguishing features of the Quaternary Period and the Methods of their Study: Evidences of climatic changes revealed from A). Glacial, Fluvial, Aeolian, Lacustrine and Marine Geomorphology, B). Paleontology, Palynology, Fossil and Modern soil.

Unit-3

Soils of Archaeological significance: Factors contributing to the formation of soils, laboratory methods for studying the soils.

Unit-4

Palaeoenvironmental reconstructions and artifacts' interpretation using chemical and geological methods: Palaeoenvironment, Provenance, Technology etc.; Correlation of various stage of Quaternary Period with bio-culture evolution of man

Books / Readings Recommended

- (1) Agrawal D.P 1992 .Man and Environment in India through Ages, New Delhi
- (2) Aitken M.J 1962 Physics in Archaeology , London
- (3) Brothwell D.& E.S Higgs 1970 Science in Archaeology. London
- (4) Dimbleby G.W Plants and Archaeology
- (5) Allchin B Goudie A & K.T.M Hegde 1978 Prehistory and paleogeography of great Indian Desert London
- (6) Fitzpatrick E.A 1984 Micro morphology of soils. London

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)

ECAR305 Exploration of human diversity



Unit-1:

Introduction

The Scope of Anthropology: General Anthropology, The Sub-Disciplines of Anthropology, Anthropology and other human sciences; **Field Methods: Survey Research** {Ethnography: Anthropology's distinctive strategy, Difference between Survey Research and Ethnography, Ethnographic Techniques (Observation, Participant Observation, Conservation, interviewing and interview Schedules, Life Histories), Anthropological Research in Complex Societies (Urban Anthropology, Techniques); **Culture:** What is Culture?, Culture is all encompassing, Culture is general and specific, Culture is learned, Culture is symbolic, Culture is shared, Levels of Culture, Rules, Violations and Research Strategies, Ethnocentrism and Culture Relativism, University, Particularity, and Generality

Introduction to Biological Evolution: Creationism, Catastrophism and Evolution, The Theory of Natural Selection, Heredity, Sources of Variability, The Origin of Species, Natural Selection of Behavioral traits, The Evolution of Culture

Unit-2

Brief Introduction to Primates Evolution: from Early Primates to Hominoids (Taxonomy and Primate Order, Common Primate Traits, Distinctive Human Traits, Interpreting the Fossil record, The emergence of Primates, The emergence of Anthropoids)

Unit-3

Culture Evolution and Adaptive Strategies

Evolution (The main trends of General evolution, Leslie White and evolution of culture, Unilinear evolution, Specific, Multilineal and convergent evolution); **Strategies of Adaptation** (Forging: Correlates of forging, Cultivation: Horticulture, Agriculture, the cultivation continuum, intensive agriculture, pastoralism); **The Origin of Production** (The origin of production in Middle East (Genetic change and human selection, Adaptive eras in the transition of food production)

Unit-4

Economics and Social Stratification (The allocation of Resources, Natural resources: land and technology); **The Conversion of Resources** (Incentives of labor, Forced labor, Division of labor, Decision making about work); **The Distribution of goods and Services** (Reciprocity, Redistribution, Marked and commercial exchange); **Social stratification** (Egalitarian society, Rank society, Class society, Caste system, The Emergence of

Stratification); **Political and Social Organization: Band, Tribe, Chiefdom and Non-Industrial State**

Books / Readings Recommended

- (1) Conrad Philip Kottak. Anthropology : The exploration of Human Diversity
- (2) Carol R. Ember and Melven Ember >Anthropology :A brief Introduction
- (3) Bernard ,H.R 1988 Research methods in Cultural Anthropology
- (4) Pelto, P.J and G.H 1978: Anthropological Research : Thr Structure of inquiry
- (5) Wanger R.1981:The Invention of Culture
- (6) Bodmer, W.F and L.L Cavalli-Sforza 1976, Evolution and Man
- (7) Dobzhansky ,T,F J Ayala G.L Stabbins and J.B Valentine 1977: Evolution San Franciso
- (8) Jolly, A. 1985 The Evolution of Primate Behavior, 2nd edition ,New york Mancmillian
- (9) Brace C.L 1988 The Stages of Human Evolution
- (10) Boyd R. and R.J Richerson 1985 :Culture and the Evolutionary Process
- (11) Cohen, Y (ed) Man in Adaptation :The Culture Present
- (12) Zeuner F.E 1963 :A history of Domesticated Animals
- (13) Harris Marvin 1975: Cows, Pigs, Wars and Witches : The Riddles of Culture

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)



ECAR306 Bronze age civilization: Mesopotamia, Egypt, China

Unit-1:

Concept-civilization, Bronze Age, urbanism

Source – textual, archaeological, Geography- regions and physical features, soil fertility and salinity, raw material sources, Chronology, Origins

Unit-2:

Political structures and institutions

Political history- city- states unification, The temple- origins development, plans, organizations, The Palace, Political relations, Literacy- development of writing and its use, Rules and laws

Unit-3:

Economy: State and non State sectors

Subsistence economy- organization and redistribution, Productivity and maximization strategies, Institutional arrangements for production and distribution

Unit-4:

Economy: State and non State sector

Trade, Mechanisms for exchange: Royal expeditions Merchant, endeavors, Craft production, Craftsmen, technological developments, organization of work, Tools, facilities

Unit-5:

Society

Social structures – kinship relations class society, urban relation, Mortuary ritual, Religion and ideology- temple cults, theocracy, shamanism, oracles, Mythology





Books / Readings Recommended

- (1) Algaze, G. 1993. The Uruk World System. Chicago and London :University of Chicago press
- (2) Butzer, J. 1976. Early hydraulic Civilization in Egypt. Chicago: University of Chicago Press
- (3) Carter, E. & Stoper 1984. Elam: Surveys of Political History and Archaeology.
- (4) Chang, K.C. 1968. The Archaeology of Ancient China. New Haven and London: Yale University press
- (5) Chang, K.C. 1983. Art, Myth and Ritual. Cambridge :Harvard University press
- (6) Childe, V.G. 1934. New Light on the Most Ancient East. London: Kegan Paul, Trench Trubner.
- (7) Childe, V.G. 1936. Man Makes Himself. London Watts
- (8) Childe, V.G. 1942. What Harappan in History. Harmondsworth: Penguin
- (9) Childe, V.G. 1957. The Bronze Age. Past and Present 12:2-15.
- (10) Diakonoff, I.M. 1975. The Rural Community in the Ancient Near East. Journal of the Economic and Social history of the Orient XVIII,2:121-33
- (11) Ellis, R.H. 1965. Chronology of Archaeological and Written Evidence for the Study of Mesopotamia Institutions and Chronology. American Journal of Archaeology 87:503-7

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)



PRAR303 Practicals

This will involve Artifact Examination, Bio anthropology and archaeology, introduction exercises to soil analysis, artifact analysis and field trip to study river sections and other similar geomorphologic features.

PRACTICAL

EXTERNAL

70 Marks Practical

Total of 70 marks for practicals from all the subjects

INTERNAL

Practical: 30 marks

SEMESTER IV



CCAR410 Greater India and Religion

CCAR411 Ancient Cities of Indus Valley Civilization in India

CCAR412 Monuments of India and Antiquarian Laws of India

ECAR407 Historical Archaeology and Monuments of Gujarat

ECAR408 Dissertation

PRAR404 Practicals

EXAMINATION PATTERN: 70 (EXTERNAL):30 (INTERNAL)

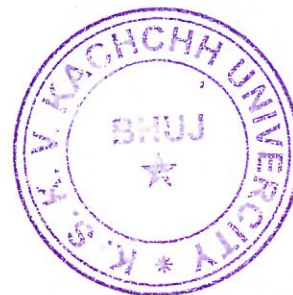
EXTERNAL

70 Marks Theory

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)



INTERNAL

Internal 30 Marks

Internal Exam: 20 Marks

Assignments: 5 marks

Seminars: 5 marks

DISSERTATION

EXTERNAL

70 Marks Dissertation

Total of 70 marks dissertation

INTERNAL

Dissertation: 30 marks

50 Marks Viva

Viva of 50 marks

PRACTICAL

EXTERNAL

70 Marks Practical

Total of 70 marks for practicals from all the subjects

INTERNAL

Practical: 30 marks

CCAR410 Greater India and Religion



Unit-1:

The concept of greater India, Native states of North India, Rise of Jainism, Rise of Buddhism, India before Alexander's invasion, Alexander's invasion, Political, Social, Regional and Economic condition after invasion

Unit-2:

Establishment of Maurayan Empire; Political organization, Religious condition, Education, Literature and Political Conditions during and after Chandragupt Maurya, India under Ashok Maurya, Religion in the time of Ashok Maurya, Socio-Economic condition during Ashok's reign, Fall of Mauryan Empire, 2. The dynasty of Western Kshatras, Political condition during the reign of Rudradama, Religion in the time of Rudradaman, Role of Skandgupt in the History of India.

Unit-3:

Religion

Concept of Religion, Philosophy of Religion, Brief sketch of world religion, Hinduism in India, Mythology and Philosophy of Hinduism, Life of Buddha and Buddhism, Philosophy of Buddhism, Text and Literature for Buddhist religion, Impact of Buddhism on Society, Influence of Buddhism in neighboring country, Jainism as Religion, Philosophy of Jainism, Tirthankars and their teaching, Text and Literature for Jainism, The impact of Jainism on Society, Influence of Jainism in neighboring country

Unit-4

Islam as Religion, Doctrines of Islam, Life of Prophet Muhammad, Literature of Islam, Impact of Islam on Society

Books Recommended:

1. **Naqvi S.H.** Reading in Indian History. (1980), Varma Brothers, 21, Shanker Market, Cannought Circus, New Delhi.
2. **Devhuti:** The unknown Hsuan Tsang. Oxford University Press, New Delhi.
3. **Habib Irfan & Faiz.** An Atlas of Ancient Indian History, „ „
4. **Sharma R.S.** India's Ancient Past. „ „
5. **Thapar Romila:** Ashok and the Decline of the Mauryas.

6. „ From lineage to state; Social formation of the Mid-First Millennium in the Ganga Valley. Oxford Press.
- 7.. „ Interpreting Early India. „
8. **Nundo Lal Dey**: Geographical Dictionary of Ancient and Medieval India. Pratibha Prakashan, Shakti nagar, Delhi
9. **Copley Antony** (ed) Hinduism in Public and Private. Oxford University Press, 2011-12.
10. **Kapstein Matthew T.** Buddhism Omnibus, Oxford University Press, 2011-12
12. **Madan T.N.** Religion in India . „
13. **Radhakrishnan S.** Indian Philosophy Vol-1 & 2. „
14. **Raghuramaraju A.** Enduring Colonialism „
15. **Raghuramaraju A.** Modernity in Indian Social Theory „
16. **Robinson, Francis.** Islam, South Asia and West „
17. **Singh, Balmiki.** Buddha and the Post 9/11 world „
18. **Surendra Jha**, Synthesis of Buddhist , Saiva & Sakta Tantras. Pratibha Prakashan, Delhi.
19. **Umakant Mishra**, Vajrayana Buddhism. Pratibha Prakashan, Delhi.
20. **Sushma Kulshreshtha**, Gems of Indology. „
21. **Angraj Chaudhary**, Aspect of Buddha-Dhamma, Eastern Book Linkers, Delhi.



EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)

CCAR411 Ancient Cities of Indus Valley Civilization in India

Unit-1:

The Indus Civilization: Geographical area, Salient features of Indus valley civilization

Unit-2:

Town Planning of Banawali, Antiquities recovered from Banawali Excavation, Pottery type of Banawali, Structures in Kalibangan, Phases of Kalibangan Excavations, Town Planning of Kalibangan

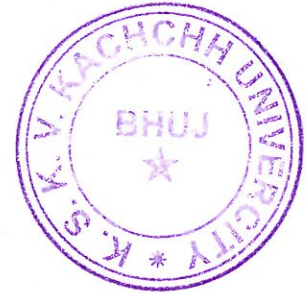
Unit-3:

Location of Dholavira, Town Planning of Dholavira, Important find from Dholavira.

Unit-4:

Short notes on following sites.

Gola Dhora, Khirsara, Kanmer, RakhiGarhi, Kotada Bhadli etc.



BOOKS RECOMMENDED.

1. **Bist. R.S.** Dholavira and Banawali. Puratatva, Vol. No 29
2. „ Banawali. Indian Archaeology. A Review Vol.1983-84,86,87,88.
3. „ Dholavira. „, Vol.No.1967-68,84,85,87,88,89,90, 91,92,93.
4. **Dhavlikar,M.K.** Archaeology of Western India. B.J.Institute of Learning And Research, Ahmedabad.
5. Archaeological Survey of India. New Delhi, 'The Story of Indian Archaeology,1784-1947.
6. **Wheeler.** The Indus Civilization,3rd.edn.1968.
7. **Agrawala R.C.** Recent Exploration in Rajasthan. ' Man and Environment'-1981.
8. **Lesnik,Lawrence S.** Prehistoric Exploration in North Gujarat and Part of Rajasthan. East and West Vol.18. 1968.

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)

CCAR412 Monuments of India and Antiquarian Laws of India

Unit-1:

Historical importance of monuments, Famous forts of India, Architecture of forts, Ancient famous water reservoir of India, Architecture of water reservoir, Buddhist caves of Maharashtra, Madhya Pradesh, Gujarat, Jain caves of India.

Unit-2:

Rock cut architecture of South India, Ancient Temple architecture of South India, Madhya Pradesh and Maharashtra, Ancient Temple Architecture of North and Eastern India

Unit-3:

Different types of Islamic Architecture, Main features of Islamic architecture, Famous Islamic monuments of Delhi, Famous Islamic monuments of Agra

Unit-4:

Acts and Rules for protecting the monuments.(A.S.I.), Preservation by Antiquarian Laws of India

BOOKS RECOMMENDED

1. **Percy Brown:** Indian Architecture, Vol.1 Hindu and Buddhist
2. “ “ Vol.2 Islamic Architecture.
3. **Archaeological Survey Of India;** Archaeological Remains, Monuments and museums. Part-1 & 2. New Delhi.
4. **Stella Kramerich:** Hindu Temple, Part 1 & 2.
5. **American Institute Of Indian Studies:** Encyclopedia of Indian Temple Architecture.
6. **J.M.Nanavati And M.A.Dhaky:** The Maitraka and the Saindhava Temples of Gujarat.
7. **Prabhashankar O. Sompura:** Diparnava, (1960)

EXTERNAL

70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)





ECAR407 Historical Archaeology and Monuments of Gujarat

Unit-1:

Definition and Scope, Review of archaeology of period from 6th Cen to 4th Cen B.C., Archaeology of Mauryan Period. Use of script and other salient elements; Late 4th Cen B.C to 2nd Cen B.C, Archaeology of Post-Mauryan Period (3rd Cen to 1st Cen A.D), Archaeology of Gupta Period, Archaeology of 7th Cen A.D to 10th Cen A.D, Archaeology of 11th Cen to 13th Cen A.D

Unit-2:

General Study of important excavated Sites of Gujarat: Dholavira, Lothal, Rozdi, Rangpur, Prabhas, Surkotada, Shikarpur, Kuntasi, Pabumath

Unit-3:

Definition of Monument, Monuments as a part of history, Definition of Protected Monuments, Secular, Non Secular and other monuments, Caves of Gujarat: Bawa Pyara Cave, Junagadh; Khapara Kodia Cave, Junagadh; Uperkot cave, Junagadh; Pancheswar Cave, Junagadh; Caves at Talaja; Caves at Sana; Caves in Barada hills; Caves at Dhank; Caves at Khambhalida, Temples of Gujarat: Earliest temple of Gop; Maitrak and Saindhav temples; Temples built during the Solanki period; Ancient Step wells; Ancient reservoirs (sarvor)

Unit-4:

Islamic architecture in Gujarat; Earliest mosque in Gujarat; Mosque architecture in Junagadh; Mosque architecture in Kachchh.



BOOKS RECOMMENDED

1. **Bist, R.S. Articles published on Dholavira**
2. **Dhavalikar, M.K. Archaeology of Western India. 2003**
3. **Sankalia, H.D. Puratatv ma Gujarat (Gujarati). 1983 PERCY BROWN: Islamic Architecture in India.**
4. **RASESH JAMINDAR: Kshatrapkalin Gujarat, (Gujarati)**
5. **STELLA KRAMRICH: Hindu Temples Part-1 & 2.**
6. **4. AMERICAN INSTITYTE OF INDIAN STUDIES: Encyclopedia of Indian Temple Architecture.**
7. **5. J.M.NANAVATI AND M.A.DHAKY: The Maitraka and the Saindhava Te**
8. **6. PRABHASHANKAR O. SOMPUA: Diparnava, (1960)**

EXTERNAL

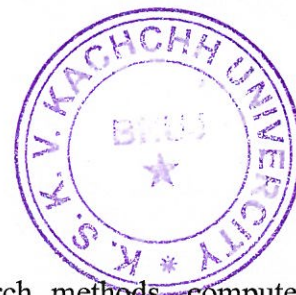
70 Marks Theory (Time Duration: 2hrs 15mins)

Q1, Q2 will carry 17 marks each

Q3 will be of 16 marks

Q4 will be of 20 marks (5 questions of 4 marks)

ECAR408 Dissertation



The purpose of this exercise is to become familiar with research methods, computer application, literacy and the presentation skills. Moreover, to think about how to approach, communicate and assess archaeology and archaeological problems from various viewpoints. The student has the freedom to select any research problem related to archaeology; they can also work for their dissertation in the department or research institutes or industry with prior communication and approval from both the side.

1. Select any archaeological problem/ Research Problem in consultation with the faculty for proper guidance.
2. Learn what resources are available and how to access them
3. Collect references, secondary information on the topic and prepare bibliography
4. Set the methodology, approve it from faculty/supervisor and proceed for field and experimental work.
5. Collect findings Record Results (statistics/data tables)
6. Interpret and explain results (using charts)
7. Conclusion and preparation of detailed report/thesis
8. Use outline and related research for presentation of your work.

The outline must include the following:

- For guidelines and format/ consult faculty.
- Literature Review section should include citations and/or references from previous studies of the topic
- References must be taken from a book, journal, newspaper and Internet.
- Make certain that your cited sources are in APA Citation Style.

A 15-minute formal oral presentation during the final examination.

DISSERTATION

EXTERNAL

70 Marks Dissertation

Total of 70 marks dissertation

INTERNAL

Dissertation: 30 marks

PRAR404 Practicals

This will involve Town Planning, Antiquities, Pottery type of Indus Valley Civilization in India, Rock cut architecture, Ancient Temple architecture, Different types of Islamic Architecture.

PRACTICAL

EXTERNAL

70 Marks Practical

Total of 70 marks for practicals from all the subjects

INTERNAL

Practical: 30 marks

