

# **Jiwaji University, Gwalior**

**(NAAC Accredited "A" Grade University)**



**School of Studies in Ancient Indian History, Culture & Archaeology**

**The Scheme and Syllabus**

**Of**

**The Post Graduate Course in A.I.H.C. & Archaeology**

**I to IV Semester**

**Under**

**Choice Based Credit System**

**2015-2017**

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**Ancient Indian History, Culture & Archaeology**

**Jiwaji University, Gwalior**

**Scheme for the Choice Based Credit System, 2015 -2017**

**M.A. 1<sup>st</sup> Semester**

code	Course	C/E/S	L	T	P	Credit	Remark
101	History of India up to C.A.D. 650	Core	3	-	-	3	
102	Social and Economic systems and Institutions	Core	3	-	-	3	
103	State in India	Core	3	-	-	3	
104	Indian Palaeography	Core	3	-	-	3	
105	Indian Epigraphy	Core	3	-	-	3	
106	Assignment	Core	-	1	-	1	
107	Seminar	Core	-	1	-	1	
108	practical	Core	-	-	3	3	
109	Comprehensive Viva-Voce (Virtual Credit)	Core	-	4	-	4	
<b>Total =</b>			<b>15</b>	<b>6</b>	<b>3</b>	<b>24</b>	

Total = 24 Credit

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**Ancient Indian History, Culture & Archaeology**

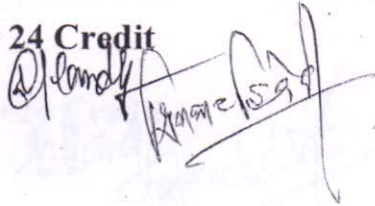
**Jiwaji University, Gwalior**

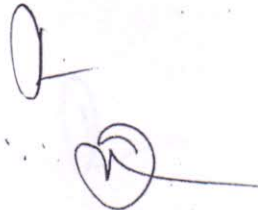
**Scheme for the Choice Based Credit System, 2015 -2017**

**M.A. 2<sup>nd</sup> Semester**

code	Course	C/E/S	L	T	P	Credit	Remark
201	Historiography ,Concept and Methods with Special Reference to India	Core	3	-	-	3	
202	History of India from C.650 to 1206 A.D.	Core	3	-	-	3	
203	Indian Religious Ideas	Core	3	-	-	3	
204	Indian Philosophical Systems	Core	3	-	-	3	
205	Numismatics	Core	3	-	-	3	
206	Assignment	Core	-	1	-	1	
207	Seminar	Core	-	1	-	1	
208	practical	Core	-	-	3	3	
209	Comprehensive Viva-Voce (Virtual Credit)	Core	-	4	-	4	
Total =			15	6	3	24	

Total = 24 Credit







**Ancient Indian History, Culture & Archaeology**

**Jiwaji University, Gwalior**

**Scheme for the Choice Based Credit System, 2015 -2017**

**M.A. 3<sup>rd</sup> Semester**

code	Course	C/E/S	L	T	P	Credit	Remark
301	Prehistoric India	Core	3	-	-	3	
302	Principles and Methods of Field Archaeology	Core	3	-	-	3	
303	History of Stupa and Rock cut Architecture	C/E	3	-	-	3	
304	History of Indian Sculptures and Paintings	C/E	3	-	-	3	
305	Science and Technology in Ancient India	G/E	3	-	-	3	
306	Review of Literature	Core	-	1	-	1	
307	Seminar	Core	-	1	-	1	
308	practical	Core	-	-	3	3	
309	Comprehensive Viva-Voce (Virtual Credit)	Core	-	4	-	4	
Total =			15	6	3	24	

Total = 24 Credit

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**Ancient Indian History, Culture & Archaeology**

**Jiwaji University, Gwalior**

**Scheme for the Choice Based Credit System, 2015 -2017**

**M.A. 4<sup>th</sup> Semester**

code	Course	C/E/S	L	T	P	Credit	Remark
401	Proto-Historic India	Core	3	-	-	3	
402	Early Historical Archaeology	Core	3	-	-	3	
403	Indian Temple Architecture	C/E	3	-	-	3	
404	Indian Art and Iconography (600-1200)	C/E	3	-	-	3	
405	Preservation and Conservation of Cultural Property	G/E	3	-	-	3	
406	Research Paper Writing	Core	-	1	-	1	
407	Seminar	Core	-	1	-	1	
408	practical	Core	-	-	3	3	
409	Comprehensive Viva-Voce (Virtual Credit)	Core	-	4	-	4	
Total =			15	6	3	24	

Total = 24 Credit

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# SYLLABUS

## Course No. 101 : History of India up to C. A. D. 650

- Unit-1 : Janpadas and Mahajanpadas, Rise of Magadha up to the Nandas, Mauryas.  
Unit-2 : Sunga, Satavahana, Kushana  
Unit-3 : Gupta, Vakatak  
Unit-4 : Huna, Soma, Naga  
Unit-5 : Harsha, early Chalukyas of Badami, early Pallavas.

### Books Recommended:-

- Ray, H.C. Dynastic History of Northern India, Vol. I & II (Relevant Chapters).  
Pathak, V.N. Uttar Bharat Ka Rajnitika Itihas.  
Pandey, R.N. Uttar Bharat Ka Rajnitika Itihas, Allahabad.  
Gopalchari, R.S. History of Pallavas of Kanchi.  
Bhandarkar, R.D. Asoka.  
Majumdar, R.C. & Pusalkar, A.D. The Age of Imperial Unity.  
Pandey, V.C. Prachin Bharat ka Itihas  
Chaudhary, H.C.R. Political History of Ancient India  
Jha, D.N. & Shrimali Prachin Bharat ka Itihas  
Thapar, Romila Prachin Bharat  
Thapar, Romila Asoka & Decline of the Mauryan Empire  
Pandey, C.B. Andhra Satavahan Samrajya ka Itihas  
Majumdar, R.C. & Altekhar, A.S. The Vakataka Gupta Age  
Majumdar, R.C. & Pusalkar, A.D. The Classical Age  
Tripathi, R.C. History of Kannauja  
Mirashi, V.V. Vakatak Samrajya Ka Itihas evam Abhilekha  
Puri, B.N. India under the Kushanas



## Course No. 102 Social and Economic systems and Institutions (

- Unit - 1: Formation of early ideas on hierachy: Development of Varna and Jati.  
Unit - 2: Marriage and Development of family system.  
Unit - 3: Ashrama system, Sanskaras, Education system.  
Unit - 4: Land system, agriculture.  
Unit - 5: Revenue system, trade and guilds.

### Books Recommended:-

- Altekar, A.S. Education in Ancient India.  
Chandra, K. Prachin, Bharat Ki Samajika Evam Arthika Sansthayen.  
Fick, R. The Social organisation in north East India from Buddhas times.  
Ghurye, G.S. Caste and Race in India.  
Pandey, R.B. Hindu Sanskaras.  
Prabhu, P.N. Hindu social organization.  
Kane, P.V. History of Dharmasastra, Vol. II and III  
  
Kangle, R.P. Kautilya's Arthasastra, 3 Parts.  
Majumdar, R.C. Corporate Life in Ancient India  
Mishra, J.S. Prachin Bharat Ka Samajika Itihas.  
Mishra, R.N. Prachin Bhartiya Samaja Arthvyavastha evam Dharma.  
Sircar, D.C. Studies in Social and Economic History.  
Jain, K.C. Prachin Bharatiya Samajika Evam Arthika Sansthayen.  
Pandey, Sushmita Samaja Arthvyavastha, Dharma.  
Pandey, G.C. Bharatiya Sanskriti.



## Course No. 103 State in India

Course No. 104 INDIAN PALAEOGRAPHY

- Unit - 1 : Towards formation of the State: Proto-States; Chiefdoms of later Vedic times and Territorial States in the time of Buddha.
- Unit - 2 : The Mauryan State: Administration, nature and function.
- Unit - 3 : Gupta Polity: Administrative organization.
- Unit - 4 : State formation in South: Chiefdom and the Cholas.
- Unit - 5 : Pallava and Chalukya: Administrative Organization.

### Books Recommended:-

- Ray, H.C. Dynastic History of Northern India. (Relevant Chapters).
- Pathak, V.S. Uttar Bharat Ka Rajnitika Itihas.
- Gopalchari, R.S. History of Pallavas of Kanchi.
- Pandey, Ram Nihor Dakshina Bharat Ka Itihas.
- Sastri, K.A.N. The Cholas.
- Altekar, A.S. The Rastrakutas and their times.
- Majumdar, R.C. & Pusalkar, A.D. Vedic Age.





## Course No. 104 INDIAN PALAEOGRAPHY

Unit – I	Beginnings of Writings, Main Writing Systems in the World. Hieroglyphic and Cueniform.
Unit – II	Indus Script, Antiquity of Writing in India.
Unit – III	Brahmi and Kharoshthi, Origin, Salient features, Evolution up to Gupta period.
Unit – IV	Numerals: History and Significance.
Unit – V	Decipherment of Brahmi inscriptions from Mauryan to Gupta.

### **BOOKS RECOMMENDED:**

David Diringer	The Alphabet (Relevant Portions).
G. Buhler	Indian Palaeography.
G.H. Ojha	Prachin Bhartiya Lipimala.
A.H. Dani	Indian Palaeography.
C.C. Dasgupta	Development of Kharoshthi Script.
R.B. Pandey	Indian Palaeography.
T.P. Varma	The Palaeography of Brahmi Script in north India & Development of Script in ancient Kamarupa.
K.B. Kaul Diambi	Corpus of Sarada Inscription of Kashmir. The Decipherment of the Indus Script.
S.L. Gokhale	Indian Numerals.



## Course No. 105 - Indian Epigraphy

- Unit – I Merits and Demerits of Inscriptions in the Reconstruction of History, Eras- Vikram Era, Saka Era, Gupta-Vallabhi Era, Kalachuri-Chedi Era.
- Unit – II Cultural and Historical importance of following inscription:  
Rock Edict XIII (Sahbazgadhi-Version) (CII : I)  
Pillar Edit VII (Delhi Topara) (CII : I)  
Sarnath Pillar Edit (CII : I)  
Rumindei Pillar Inscription (CII : I)  
Gujarra Rock Inscription (Epigraphic Indica Vol. XXXI)  
Panguraia Inscription of Ashoka. (Bajpai, Aitihasik Abhilekh, 94-95)
- Unit - III Cultural and Historical importance of following Inscription:  
Besnagar Garuda Pillar Inscription of Heliodorus (S.I.I.)  
Hathigumpha Inscription of Kharavela (S.I.I.)  
Taxila Copper Plate Inscription of Patika (S.I.I.)  
Ara Inscription of Kanishka II (S.I.I.)  
Nasik Inscription of Vasisthiputra Pulumavi (S.I.I.)  
Junagarh Rock Inscription of Rudradaman (S.I.I.)
- Unit – IV Cultural and Historical importance of following Inscriptions :  
Allahabad Pillar Inscription of Samudragupta (S.I.I.)  
Meherauli Iron Pillar Inscription of Chandra (S.I.I.)  
Poona Plate of Prabhavati Gupta (S.I.I.)  
Dashpur Pillar Inscription of Kumargupta-Bandhuvarman (S.I.III No.53)
- Unit – V Chaturbhuja Temple Inscription of Gwalior (EI,I)  
Gwalior Inscription of Mihir Bhoj (EI. XVIII pp. 107-114)  
Sas-bahu Inscription of Mahipal, (IA,XV)



## Books Recommended:-

- Sircar, D.C. Indian Epigraphy.  
Sircar, D.C. Select Inscription, Vol. I & II.  
Hultzsch, E. Corpus Inscriptionum Indicarum, Vol. I & II.  
J.F. Fleet Corpus Inscriptionum Indicarum, Vol. III  
V.V. Mirashi Corpus Inscriptionum Indicarum, Vol. IV  
Majumdar, R.c. Epigraphia Indica, Vol. XVIII No. 13  
Kielhorn, R.C. Indian Antiquary, Vol. XV (Relevant Chapter)  
Singh, A.K. Development of Nagari Script.



**Course No. 201 Historiography, Concept and Methods with Special Reference to India**

**Unit-1**

- I. Oriental Historiography and History Writing :An Introduction
- II. Problem and remedies related with studies to Indian historiography

**Unit-2**

- III. Vedic tradition: Vansha, Gatha Narasamsi, Gotra/Pravara, Akhyana, Akhyayika, Danstuti
- IV. Epics: Ramayana and Mahabharata
- V. Pauranic tradition of history

**Unit-3**

- VI. Buddhist tradition of history with special reference to Dipavamsa, Mahavamsa
- VII. Jain tradition of history : A Survey

**Unit-4**

VIII. Historical tradition of Charit literature:

- (a) Ram Charit
- (b) Harsh charit
- (c) Vikramankdeo Charit
- (d) Kumarpal Charit
- (e) Prathviraj Vijay

IX. Kashmir Chronicles: Rajatarangini

**Unit-5**

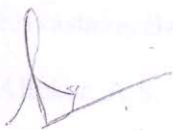
X. Modern historians of ancient India:

- (a) A. K. Coomarswamy
- (b) V. A. Smith
- (c) R. G. Bhandarkar
- (d) K. P. Jaiswal
- (e) D. D. Koshambi
- (f) M. B. Gardé
- (g) H. D. Sankalia
- (h) R. C. Majumdar
- (i) B. B. Lal



**Books Recommended:-**

E.H. Carr	What is History
Collingwood	The idea of History
G.I. Reiaier	History its Purpose and Methods
	The Valmiki Ramayana
	The Mahabhara
	Kalhana's Rajtarangini
G.C. Pandey	History of Buddhism
Gardiner	Theories of History
Thompson	History of Historical Thinking. Social science Research Council
	Monographs: Theory and Practice in Historical Study.
G.C. Pandey	Itihas, Svarupa evam Siddhanta.
V.S. Pathak	Ancient Historians of India.
G.P. Singh	Ancient Indian Historiography
V. Shekhawat	On Rational Historiography



Course No. 202 : History of India from C. 650 to 1206 A. D.

- Unit - 1 : Origin of the Rajputas, rise or Gurjara Pratiharas  
Unit - 2 : Pala, Chahmanas, Gahadwals  
Unit - 3 : Chandellas, Kalchuries  
Unit - 4 : Rashtrakutas, Chalukyas of Kalyani and Vengi.  
Unit - 5 : Cholas, Pandyas, Hoyasalas

**Books Recommended:-**

- Majumdar, R.C. & Pusalkar, A.D. The Age of Imperial Kanauj.  
Pathak, V.S. Uttar Bharat Ka Rajnitika Itihas.  
Sharma, D. Early Chauhan Dynasties.  
Dikshit, R.K. The Chandellas of Jejakabhukti.  
Sinha, B.P. Deline of Magadha Empire.  
Yazdani, G. Deccan Ka Itihas.  
Sastri, K.A.N. The Cholas.  
Srivastava, Balram Dakshin Bharat.  
Altekar, A.S. The Rastrakutas and their times.  
Sharma, R.K. The Kalchuris and their times.  
Pandey, R.N. Uttar Bharat Ka Rajnitika Itihas.  
Majumdar, R.C. Early History of Bengal, Vol.I.

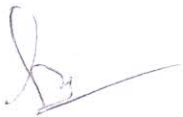


## Course No. 203 – Indian Religious Ideas

- Unit – I      Formation of Religious Ideas during Indus Valley Civilization.
- Unit – II      Formation of Religious Ideas during Vedic times: Vedas, Brahmanas and Upanishads.
- Unit – III      Origin and Development of Saivism, Saiva cults and religious ideas.
- Unit – IV      Origin and Development of Vaisnavism, Pancharatra and Smarta ideology, Shaktism, Saptamatrika etc.
- Unit – V      Broad outlines of Buddhism and Jainism.

### Books Recommended:-

- Bhandarkar, R.G.      Vaishnavism, Shaivism and Minor Religious systems.
- Chattopadhyay      Evolution of Hindu Sects.
- Pusalkar, A.D.      The Vedic Age (Relevant Chapters), The Age of Imperial Unity (Relevant Chapters).
- Goyal, S.      Religious History of India, Vol.I.
- Shah, C.J.      Jainism in northern India.
- Sircar, D.C.      Studies in the Religious life of Ancient India.
- A.P. Karmarkar      The Religious of India.
- Pathak, V.S.      History of Saiva Cults in Northern India.
- Keith, A.B.      Religion & Philosophy of the Vedas and Upanishads.



## Course No. 204 – Indian Philosophical Systems

Unit – I	Introduction of Indian Philosophy: Orthodox (Hindu Schools) and Heterodox (Non Hindu School).
Unit – II	Philosophical Ideas: Charvaka and Jain Philosophy
Unit – III	Philosophical Ideas: Buddhist, Mimansa.
Unit – IV	Philosophical Ideas: Samkhya, Yoga, Nyaya.
Unit – V	Vaisheshika, Vedanta (dvaita, advaita).

### Books Recommended:-

Radhakrishnan, S.	Indian Philosophy, Vol. I & II.
Datt, N.	Some aspects of Mahayan Buddhism and its evolution to Vajrayan.
Macdonell, A.D.	Vedic Mythology.
Keith, A.B.	Religion & Philosophy of Vedas & Upanishads.
Gairola, V.	Vedic Sahitya aur Sanskriti.
Madhavacharya	Sarva-Darsana Sangraha.
Chandradhar Sharma	A Critical Survey of Indian Philosophy.
Mahadevan, T.M.P.	Invitation to Indian Philosophy 1974.
Shah, C.J.	Jainism in northern India.





## Course No. 205 Numismatic

- Unit – I      Origin and antiquity of coinage, Making of coin; Techniques of manufacturing: Punch marked, casting, die striking, History of Numismatic studies in India; Coins as sources of Indian History.
- Unit – II      Survey of coin series in India: Punch-marked, Tribal and Janapad Coins.
- Unit – III      Survey of coin series in India: Satavahanas and Indo-Greek Coins.
- Unit – IV      Survey of coin series in India: Kushana coins.
- Unit – V      Survey of Coin series in India: Gupta Coins.

### Books Recommended:-

- Allan, J.      Catalogue of Indian Coins in the British Museum, Coins of Ancient India.
- Altekar, A.S.      Coinage of the Gupta Empire.  
Gupta Kalina Mudrayen.
- Cunnigham, A      Coins of Ancient India.
- Lahari, A.N.      Corpus of Indo Greek Coins.
- Cunnigham, A.      Coins of Alexander's Successors in the east.
- Gupta, P.L.      Coins.
- Narain, A.K.      The Indo-Greeks.
- Shastri, A.M.      Coinage of the Satavahanas and coins from Excavation.
- Sricar, D.C.      Studies in Indian Coins.
- Whitehead, R.B.      Catalogue of coins in the Punjab Museum Lahore Vol. I.
- Sharma, I.K.      Coinage of the Satavahanas.
- Satya srava      The coinage of the Kushanas.
- Singh, A.K.      Coins of the Great Kushanas.



## Course No. 301 Prehistoric India

- Unit -1 : (a) Palaeo-environment and changing culture  
(b) Geo archaeology: Palaeontology, Palaeo Botony.
- Unit -2 : Tool type and its techeaique of manufacture
- Unit -3 : Palaeolithic cultures: Lower Palaeolithic, Middle Palaeolithic Upper Palaeolithic, distribution, stratigraphy and cultural distribution in Himalayan context (Extra Penuisular India) and Paninsular India.
- Unit -4 : (a) Mesolithic cultures: alluvial plain adoption, 'Horse shoe late sites, sanddune landscape, plateau occupation.  
(b) Neolithic cultures of India.
- Unit -5 : Sites with special reference to Sohan, Belan, Narmada, Mahanadi, Son, Godawari and Kortalayar.
- Practical:** Field work: Prehistoric Exploration, Cultural Stratigraphy, Study of Quaternary deposits, in situ material, tool drawing and section drawing.

### Books Recommended:-

- Krishnaswami, V.D. Stone age India, Ancient India No. 3
- IAR 1947 Relevant portions. Excavation & Exploration.
- Majumdar, D.N.& Pargitihis.
- Saran, G.
- Piggot Stuart Prehistoric India.
- Braidweed, R.J. Prehistoric Man.
- Soyal, S.R. Pragitihaska Manava aur Sanskriti.



Allchin, F.R. & B. Allchin	Rise of civilization in India and Pakistan.
Sankalia, H.D.	Prehistory and Protohistory of India & Pakistan.
Oakley, K.P.	Man, the tool maker.
Subbarao, B.	The Personality of India.
Pandey, J.N.	Puratattva Vimarsh.
Pandey R.P.	Bhartiya Puratattva.
Pandey, R.P.	Protohistoric Archaeology of Madhya Pradesh.

### Course No. 302 Principles and Methods of Field Archaeology

Max Marks : Theory 80 (Minimum Passing Marks 20%)

: Sessional 20 (Minimum Passing Marks 30%)

- Unit -1 : Definition, Aims and Scope of Archaeology its relations with nature and social sciences.  
History of Archaeology from 19<sup>th</sup> century till the present, Rise of Archaeological sciences.
- Unit -2 : Discovering Archaeological sites and features. Aims and Methods of exploration, Excavation, Preliminaries.
- Unit -3 : Excavation: Purpose and methods, excavation techniques, lay out of trenches, utility of Horizontal and Vertical excavation, Recording, Preservation, Preparation of Report.
- Unit -4 : Principles of stratification, their development. Factors and Process of formation of layers, Reconstruction of layers, Dating Methods.
- Unit -5 : Methods of study and significance of pottery, tools, beads, Methods of retrieval of non artificial remains and their interpretation, Post Holes, structures, floors etc.  
Botanical, Zoological, Human bones etc.
- Practical :** Field work Exploration, Lay out and technique of excavation recording, drawing and photography, Surveying.

### Books Recommended:-

Atkison, R.J.C. Field Archaeology.





Cookson, M.B.	Archaeological Photography, Ancient India No. 2.
Kenyon, K.M.	Beginning in Archaeology.
Mohd, Sana Ullah	Notes on the Preservation of Antiquities in the field, Ancient India No. 1 pp: 77-82.
Wheeler, Mortimer	Archaeology from the earth.
Zeuner, FI. E.	Dating the past (Relevant Portion).
Pandey, J.N.	Puratattva Vimarsha.
IAR	Relevant Portion, Excavation & Exploration
Ancient India	Relevant Portions
Pandey, R.P.	Bharatiya Puratattva

### Course No. 303 History of Stupa and Rock cut Architecture

Max Marks : Theory 80 (Minimum Passing Marks 20%)

Sessional 20 (Minimum Passing Marks 30%)

Unit -1 : Stupa Architecture: Sanchi, Bharhut, Amaravati and regional variations.

Unit -2 : Buddhist Rock-Cut Architecture: Hinayana phase: Chaityas and Viharas at Bedasa, Bhaja, Karle and Ajanta.

Unit -3 : Buddhist Rock-Cut Architecture: Mahayan Phase: Chaityas and Viharas at Ajanta and Ellora.

Unit -4 : Brahmanical Rock-Cut Architecture: Udaigiri, Ellora, Elephanta, Mahabalipuram.

Unit -5 : Jaina Rock- Cut Architecture: Udaigiri, Khandagiri, Ellora

Practical : Stupa and Rock- Cut Architecture; Study of sites and observations on them in a diary/note-book.

### Books Recommended:-

Brown, Percy Indian Architecture (Buddhist and Hindu).

Dehejia, V. Early Buddhist Rock Temples.

Fergusson, J.& Cave Temples of India.

Singh, A.K. & Burdese, F. Bharatiya Vastu tatha Kala ke Mula Tattva

Dwivedi, S.K. Ajanta.

Shastri, A.M.

**Course No. 304 History of Indian Sculptures and Paintings**

Max Marks : Theory 80 (Minimum Passing Marks 20%)

: Sessional 20 (Minimum Passing Marks 30%)

Unit -1 : Antiquity of Image worship and development up to Harappan.

Unit -2 : Mauryan, Sunga and Satavahana Art.

Unit -3 : Kushana Art -Mathura School, Gandhara School, Amaravati.

Unit -4 : Classical Indian Art: Gupta Art, Mathura Style, Saranath, Kausambi, Pallava Art, Mahabalipuram.

Unit -5 : Paintings, Rock Paintings, Ajanta, Bagha.

**Practical:** Identification of icons, study of sites in the vicinity of Gwalior and preparation & diary report.

**Books Recommended:-**

Dwivedi, S.K. Temple Sculptures of India  
Agrawala, V.S. Indian Art, Bharatiya Kala.

Banerjee, J.N. Development of Hindu Iconography.

Cairaula, V. Bharatiya Chitrakala.

Ghosh, A. (ed) The Ajanta Murals.

Sarawasti, S.K. A Survey of Indian Sculpture.

Gupta, J. Pragitihaska Chitrakala.

Harle, J.R. Gupta Sculptures.

Khare, M.D. Bagha Ki Guphayen.

Misra, R.N. Bharatiya Murtikala.

Bajpayee, K.D. Bharatiya Kala.

Singh A.K. Bharatiya Murtikala evam Chitrakala.

## Course No. 305 – Science and Technology in Ancient India

- Unit – I Sources of science and technology in ancient India, Relations of the different aspects of science and technology with Indology.
- Unit – II Tool technology during pre-historic and proto historic period.
- Unit – III Techniques of the manufacture of Terra cottas, pottery, beads, wheel.
- Unit – IV Metal technology: Copper, bronze, Iron, techniques of the manufacture of coins.
- Unit – V Techniques of the manufacture of sculptures and paintings.

### Books Recommended:-

- 1 - The Vedas (relevant Vols.), The Krishna Yajurveda, The Taittiriya Samhita.
- 2 - The Puranas (relevant Vols.).
- 3 - Rajendran, Raja: (2006) Scientists of Indian Origin and their contributions, Encyclopaedia of India, Vol. IV, edited by Stanley Walpert.
- 4 - R.P. kangley- Arthashastra of kautilya (3 Vols.)
- 5 - Perryman, Jane; (2000) Traditional pottery of India, London, A&C Black.
- 6 - sudha satyawadi (1994) Proto historic pottery of Indus valley Civilization, study of painted motifs.
- 7 - Singh, Gurucharan; Pottery in India.
- 8 - Vishnudharmottara Purana.
- 9 - Tripathi, Vibha; Iron Technology and its Legacy in India.
- 10 - shukla, Dvijendranath,; (Edit) Samarangana Sutradhar.
- 11 - Ancient India, A.S.I. (Relevant Vols.).



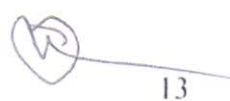
## Course No. 401 Proto-historic India

- Unit - 1 : Pre and Early Harappan cultures of India.
- Unit - 2 : The Bronze Age civilization and its extension.
- Unit - 3 : Ochre coloured Pottery and Copper Hoards cultural transformation, Late Harappan cultures.
- Unit - 4 : Chalcolithic culture of Madhya Pradesh, Post Harappan, Chalcolithic village communities.
- Unit - 5 : Megalithic cultures: Vindhya, Vidarbha, Deccan and Peninsular India.

**Practical:** Field work: Study of sites, identification of various potteries, pottery drawing and study of antiquities.

### **Books Recommended:-**

- Allchin, B and Raymond : Origins of Civilization.
- Majumdar, R.C. & Pushalkar, A.D. : The Vedic Age, (Relevant Chapters).
- Tripathi, V. : Painted Grey Ware Culture.
- Wheeler, Mortimer. : The Civilization of Indus Valley and Beyond.
- Wheeler, Mortimer. : Early India and Pakistan.
- IAR : Relevant Chapters (Excavation & Exploration).
- Agrawal, D.P. : The Copper and Bronze Age in India.
- Allchin, Bridget & Raymond : The Birth of Indian Civilization.
- Raymond : Rise of civilization in India and Pakistan.
- Allchin, F.R. : Neolithic cattle keepers of south India.
- Fairservis, W.A. : The Roots of Ancient India, New York.
- Srivastava, K.M. : Community Movement in Protohistoric India.



Sinha, B.P. Potteries in Ancient India.

Pandey, J.N. Puratattva Vimarsh.

Pandey, R.P. Bharatiya Puratattva.

**Course No. 402 Early Historical Archaeology**

Unit - 1 : Assessing the beginning and consequences of the use of Iron in India, Regional distribution of the early Iron Age settlement in North and North West India.

Unit - 2 : Painted Grey Ware culture and Pre N.B.P. Wares of Uttar Pradesh, Bihar and West Bengal: Chronology and Cultural Characteristics.

Unit - 3 : Northern Black Polished ware culture extent chronology and cultural characteristics.

Unit - 4 : Survey of excavation and find in Kausambi and Ujjain, Arikamedu, Shishupalgarh and Nagarjunakonda.

Unit - 5 : Important excavated sites: Taxila, Hastinapur, Mathura, Ahichchhatra, Besnagar, Sooron, Jaderua

**Practical:** Identification of available characteristic pottery shapes and fabrics, antiquities and structures; other object and their dates.

**Books Recommended:-**

Allchin, B. and Raymond Origins of Civilization.

Raymond

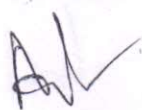
Ghosh, A. Archaeological Remains, Monuments and Museum, Part I & II (Relevant Chapters).

Lal, B.B. Excavation at Hastinapur and other exploration.

Ancient India No. 10-11, 1972, 4-51 Sishupalgarh 1948, An early Historical fort in Eastern India, Ancient India No. 5 1949; pp.62-105.

Sharma, G.R. Excavation at Kausambi 1949-50, AST Memoir No. 74.

G.R., Sharma Excavation at Kausambi 1957-59, Allahabad 1960





Sharma, Y.D. Exploration of Historical sites, Ancient India No. 9 pp. 116-169.

S. Ramanyam, R. & Nagarjunakonda

Others

Wheeler, R.E.M. Arikamedu: An Indo- Roman Trading Station: Ancient India No. 2 pp. 17-124.

Deva, Krishna and Trading Station: The East coast of India.

Ghosh, A. Ancient India No. 2 pp. 17-124.

I.A.R. Relevant Portion, Exploration & Excavation.

Ancient India Relevant Portion

### Course No. 403 Indian Temple Architecture

Unit - 1 : The concept of Hindu Temple, evolution and Vastu-Purush.

Unit - 2 : Gupta Temple, the early Chalukyan Temple at Aihole, Badami and Pattadakal.

Unit - 3 : Soma and Eastern Ganga Architecture-Bhubneshwara, Konarka, Puri.

Unit - 4 : Central Indian Architecture: Khajuraho, Udaipur and Gwalior

Unit - 5 : Southern Indian Architecture: Mahabalipuram, Tanjaura and Kanchipuram.

**Practical:** Indian Temple Architecture: Study of monuments in the vicinity of Gwalior and observation on them in a diary/and daily note-book.

### Books Recommended:-

Agrawala, K.L. Khajuraho.

Boner, Sharma New Light on the Sun Temple of Konarka.

Brown, Percy Indian Architecture (Buddhist & Hindu).

Cousens, H. Chalukyan Architecture, A.S.I. Vol XIII.

Krishna Deva Temple of North India.

Roland, Benjamin The Art and Architecture of India.

Shrinivasan, K.B. Temple of South India, Dharmaraja Rath and its Sculptures.



Krishna Deva Khajuraho.  
Majumdar & The History and Culture of the Indian People  
Pusalkar Vols. II to V (Relevant Chapters)

Vats, M.S. The Gupta Temple at Deogarh.

Dwivedi, S.K. Temple Sculptures of India

**Course No. 404 Indian Art and Iconography (600-1200)**

- Unit - 1 : Chalukyan and Rashtrakutra Art  
Unit - 2 : Central Indian Sculptures: Gurjara- Pratihara, Chandella and Kalachuris.  
Unit - 3 : Western Indian miniature Painting and Pala Miniature Paintings.  
Unit - 4 : Buddhist Iconography-Buddha and Bodhisattva; Jain Iconography-Tirthankaras.  
Unit - 5 : Iconography of Siva, Vishnu, Ganesh, Sapta-Matrika and Surya.

**Practical:** Identification of icons, study of sites in the vicinity of Gwalior and preparation of diary report.

**Books Recommended:-**

- Misra, R.N. Bhartiya Murtikala.  
Tiwari, M.N.P. Jain Pratima Vijnan.  
Mishra, Indumati Pratima Vijnan.  
Gupta, R.S. Iconography of Hindus, Buddhist and Jains.  
Bhagwant Sahay Iconography of Minor Hindu and Buddhist deities.  
Banerjee, J.N. Development of Hindu Iconography.  
Bhattacharya, B.C. Indian Buddhist Iconography.  
Rao, T.A. Gopinath Elements of Hindu Iconography 4 Parts (Relevant Chapters).  
Das, Rai Krishna Bhartiya Chitrakala.  
Sarawasti, S.K. A Survey of Indian Sculpture.  
Desai, K. Iconography of Vishnu.  
Singh, A.K. Prachin Bhartiya Murtikala evam Chitrakala.

## Course No. 405 – Preservation and conservation of Cultural Property

- Unit - I      General Principles of conservations- (Preventive and Curative). Analysis of collected materials – Physical, chemical and Biological Alterations.
- Unit - II      Temperature, humidity, pollutions.
- Unit - III     Effects of light, Biodeterioration.
- Unit - IV     Proper environmental condition, Care and handling.
- Unit – V      Basic infrastructure of museums, conservation laboratory, recording of treated objects.

### Books Recommended:-

- Plenderlaith, J.J.      The conservation of antiques and works of art, London, 1956.
- Bhomik, S.K.          Protection and conservation of Museum collection, Baroda 1975.
- Garola, T.R.          Handbook of chemical conservation of Museum objects, Baroda 1960.
- Agragwal, O.P.        Conservation of cultural property in India, Vol. IV. New Delhi, 1973.
- Agragwal, O.P.        An Introduction to the preservation of paintings.
- Satyamurthya, S.T.    The preservation of Biological specimens.
- Clenderlith, M.J.      The conservation of antiquities and the works of art, London, 1957.
- Ballima, C.L.          Preservation and reproduction of clay, Tablets and conservation of wall paintings.
- Singh, A.P.            Conservation and its technique, Delhi, 1987.
- Thomen, G.            Recent advances in conservation, London, 1963.

