



Integral University, Lucknow

Effective from Session: 2019-2020

Course Code	HH 201	Title of the Course	ANCIENT INDIA (VEDIC AGE TO c. 322 B.C.)	L	T	P	C
Year	IIInd	Semester	IIIrd	5	1	0	6
Pre-Requisite	Intermediate	Co-requisite	None				
Course Objectives	The purpose of this undergraduate course is to equip students with strong foundation of knowledge and skills in the fields of History. By using the principal of History, students learn to think critically about the past and develop the curiosity needed to pursue in- depth knowledge of particular historical subjects. After successfully completion of course, the student will be able to explore subject into the irrespective dimensions.						

Course Outcomes

CO1	To know about Early Vedic Period.
CO2	To know about Later Vedic Period.
CO3	To develop Knowledge about Sixth Century B.C regarding Buddhism and Jainism.
CO4	To know about the sixteen Mahajanpadas.
CO5	To develop comprehensive knowledge about fourth century B.C., second urbanization, Alexander's invasion and its consequences

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Early Vedic Period	Rigveda, Linkage with Archeology Society, Economy, Polity, Religion, Rituals	18	CO1
2	Later Vadic Period	Later Vedic Texts, Social Structure Economy, Introduction to Iron	18	CO2
3	Sixth Century B.C	Factors behind rise of Buddhism and Jainism Philosophy and Monastic Organization of Buddhism Philosophy of Jainism and its Monastic Practices	18	CO3
4	Sixth Century B.C	The sixteen Mahajanpadas	18	CO4
5	Sixth To Fourth Century B.C	Second Urbanization, Alexander invasion and its consequences	18	CO5

Reference Books:

Habib, I. and V.K. Thakur. The Vedic Age. Delhi, 2016.

Habib, I. and V. Jha, Mauryan India, Chapter I, Delhi, 2005.

Jha, D.N. Ancient India. A Historical Outline. Delhi, 1977.

Shrimali, K.M. The Age of Iron and the Religious Revolution, Delhi, 2007.

Sharma, R.S. Material Culture and Social Formations in Ancient India, Delhi, 1983.

Sharma, R.S. Political Ideas and Institutions, Delhi, 1957.

e-Learning Source:

<https://swavam.gov.in/>

<http://www.ignou.ac.in/>

Coursera

UGC CEC

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	2	2	2	2	3	2	2	2	2
CO2	3	1	2	2	2	2	2	3	2	2	2	2
CO3	3	1	2	2	2	1	2	2	3	2	2	2
CO4	3	2	1	2	3	2	2	3	3	2	2	2
CO5	3	2	2	2	3	2	2	3	3	2	2	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Anshaf
Dr. Anshaf Tiger
Name & Sign of Program Coordinator

Zeba Anil
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Integral University, Lucknow

Effective from Session: 2019-2020

Course Code	HH-202	Title of the Course	RISE OF THE MODERN WORLD-I	L	T	P	C
Year	IIInd	Semester	IIIrd	5	1	0	6
Pre-Requisite	Intermediate	Co-requisite	None				
Course Objectives	The purpose of this undergraduate course is to equip students with strong foundation of knowledge and skills in the fields of History. By using the principal of History, students learn to think critically about the past and develop the curiosity needed to pursue in- depth knowledge of particular historical subjects. After successfully completion of course, the student will be able to explore subject into the irrespective dimensions						

Course Outcomes

CO1	To understand the Transition from Feudalism to Capitalism.
CO2	To explain the Early Colonial Expansion.
CO3	To describe the Renaissance Movement and Reformation
CO4	To develop knowledge about Emergence of European State System.
CO5	To acquire knowledge about Economic Development of Sixteenth Century.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Transition from feudalism to capitalism	Problems and theories	18	CO1
2	Early colonial expansion	Motives, Voyages and explorations. The conquest of the Americas: beginning of the era of colonization	18	CO2
3	Renaissance and Reformation	Its social roots, City-States of Italy Spread of Humanism in Europe. Art forms.	18	CO3
4	Economic Development of the Sixteenth century	Shift of economic balance from the Mediterranean to the Atlantic Commercial revolution	18	CO4
5	Emergence of European state System	Spain, France, England, Russia	18	CO5

Reference Books:

- D. C. Coleman (ed.), Revisions in Mercantilism
- R. Hall, From Galileo to Newton
- Rodney Hilton, Transition from Feudalism to Capitalism
- H. G. Koenigsberger and G. L. Mosse, Europe in the Sixteenth Century

e-Learning Source:

- <https://swayam.gov.in/>
- <http://www.ignou.ac.in/>
- Coursera
- UGC CEC

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	2	2	2	2	2	2	2	2	3	2
CO2	2	2	2	2	2	2	2	2	2	3	2	2
CO3	2	2	2	2	2	2	2	2	2	1	3	2
CO4	2	2	2	2	2	2	2	2	2	1	1	2
CO5	2	2	2	2	2	2	2	2	2	3	2	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

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Effective from Session: 2019-2020

Course Code	HH203	Title of the Course	SOCIETY AND CULTURE IN MEDIEVAL INDIA	L	T	P	C
Year	IIInd	Semester	IIIrd	5	1	0	6
Pre-Requisite	Intermediate	Co-requisite	None				
Course Objectives	The purpose of this undergraduate course is to equip students with strong foundation of knowledge and skills in the fields of History. By using the principal of History, students learn to think critically about the past and develop the curiosity needed to pursue in- depth knowledge of particular historical subjects. After successfully completion of course, the student will be able to explore subject into the irrespective dimensions.						

Course Outcomes

CO1	To explain Royalty, Court and Elite Culture of Medieval India.
CO2	To develop knowledge about Religious Identities and Cultural Representation.
CO3	To acquaint with Sufi Movement.
CO4	To acquire knowledge about Bhakti Movement.
CO5	To understand about Growth of Regional Literary Culture

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Royalty, Court & Elite Culture	Courtly ceremonies and etiquettes under the Sultans of Delhi	18	CO1
2	Religious Identities & Cultural Representations	Medieval Islamic views of India and Hindus The process of Islamization and Hinduization in Medieval India Islamic Culture in Indian Environment	18	CO2
3	Sufi Movements	Growth of Sufism Sufis and the State Sufi shrines and their socio-political role	18	CO3
4	Bhakti Movements	Nathpanti movement Growth of Nirguni monotheistic and Saguni bhakti Women bhaktas and the nature of their devotion Nature of Bhakti and Sufi interaction	18	CO4
5	Growth Of Regional Literary Cultures	Bhakti based regional Cultures Sufi Literature and biographies Rise and growth of Urdu Language	18	CO5

Reference Books:

- Aziz Ahmad, Intellectual History of Islam in India, 1969.
M. Athar Ali, Mughal India: Studies in Polity, Ideas, Society and Culture, Delhi, OUP, 2006.
David N. Lorenzen, ed., Religious Movements in South Asia 600-1800, Delhi, OUP, 2004.
S.P. Verma, Mughal Painters and Their Work, New Delhi, OUP, 1994.

e-Learning Source:

- <https://swayam.gov.in/>
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Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	2	2	1	1	2	2	2	2	3	2
CO2	2	2	2	1	2	2	2	2	2	3	2	2
CO3	2	2	2	2	3	2	2	2	1	1	3	2
CO4	1	2	2	2	3	2	2	2	2	1	1	2
CO5	2	2	3	1	2	2	2	2	2	3	2	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

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Course Code	CS110	Title of the Course	Basics of Computer			
Year	IIInd	Semester	IIIrd	L	T	P
Pre-Requisite	Intermediate	Co-requisite	None	3	1	0
Course Objectives	An understanding of basic concepts of computer it's introduce to the students the fundamentals of hardware, software, programming and mathematical software which help the students to understand and work easily.					

Course Outcomes	
CO1	Understand the basic structure of computer.
CO2	Understand memory organization in a computer.
CO3	Learn basic principles of using operating system's
CO4	Learning about computer networking
CO5	Be able to access the Internet, Worldwide Web, as well as use Internet directories and search engines, and locate www addresses.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction to Computers	Define Computer, Characteristics Features of Computer, Hardware and Software of Computer, Languages of Computers, Applications, Block Diagram of Computer System, and Computer generations.	08	CO1
2	Basic Computer Organization	Essentials of computer operation, Input- Process- Output Basic Organization of Computer System in Detail- I/O Devices and its functions, Memory Management, Booting process(BIOS), Memory Management- RAM,ROM etc. Storage devices- Hard disc, Floppy disc, CD-ROM.	08	CO2
3	Operating Devices and Operating	Features, Advantages and Drawbacks, DOS, WINEDnOviWroSn m&e nUtN IX; Introduction to Data Processing and Flowchart, Operating environment, MS Office in Detail (Word, Excel & Power Point), Short cut keys used in Word, Excel & Power Point.	08	CO3
4	Computer Networking	Introduction to Networking, Modem, Network topology concepts and types with advantages and drawbacks of each, components of LAN, WAN, and MAN, Medium used in Networks.	08	CO4
5	Internet and Web Technologies	History and concept, Architecture, Application, Hypertext Markup Language, DHTML, WWW, Gopher, FTP, Telnet, Web Browsers, Net Surfing, Search Engines, Email, Digital Signatures, Network, Security, Firewall.	08	CO5

Reference Books:

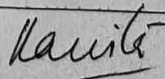
Curtin, "Information Technology: Breaking News", TMH.
 Raja Raman, V. "Introduction To Computers".
 Nelson, "Data Compression", BPB
 Bajpai, Kushwaha & Yadav, "Introduction to Computer and C Programming", New Age
 Lehngart, "Internet", Addison Wesley.
 Chanchal Mittal "Foundation of Information Technology" Pragati.
 Computer Fundamentals- By Sinha. PK and Sinha P. BPB (Publisher)

e-Learning Source:

<https://nptel.ac.in/courses/106103068>
<https://nptel.ac.in/courses/106106092>
<https://nptel.ac.in/courses/106105163>
<https://swayam.gov.in/>

PO- PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	1	3	1	2	2	3	3
CO2	3	1	3	2	2	3	3	2
CO3	3	1	2	2	2	3	2	-
CO4	3	1	2	1	2	1	2	-
CO5	3	1	2	2	2	2	2	-

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	 Sign & Seal of HoD Head Department of Computer Science & Engineering Integral University, Lucknow
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