



GOVERNMENT OF TAMIL NADU

HIGHER SECONDARY FIRST YEAR
HISTORY
VOLUME - I

Untouchability is Inhuman and a Crime

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HOW TO USE THE BOOK?



Learning Objectives

The scope of the lesson is presented

Introduction

The subject to be discussed in the lesson is introduced



Leads the students to animated audio, video aids for getting experiential learning



Infographics

Provides additional information related to the subject in boxes to stir up the curiosity of students

Activities

Activities for ‘learning by doing’ individually or in groups

Summary

Describe the main points briefly in bullets for recapitulation

Exercise

For self-study and self evaluation

Glossary

Key words and technical terms explained at the end of the lesson for clarity

References

List of books and net sources for further reading

ICT Corner

Using technology for learning activities, which enables the students to access digital sources relevant to their lessons.

CONTENTS

Lesson 1	Early India: From the Beginnings to the Indus Civilisation	01
Lesson 2	Early India: The Chalcolithic, Megalithic, Iron Age and Vedic Cultures	22
Lesson 3	Rise of Territorial Kingdoms and New Religious Sects	42
Lesson 4	Emergence of State and Empire	58
Lesson 5	Evolution of Society in South India	78
Lesson 6	Polity and Society in Post-Mauryan Period	91
Lesson 7	The Guptas	106
Lesson 8	Harsha and Rise of Regional Kingdoms	124
Lesson 9	Cultural Development in South India	139
Lesson 10	Advent of Arabs and Turks	160
Lesson 11	Later Cholas and Pandyas	184
 Glossary		209
 Illustration Credits		211



E-book



Assessment



DIGI-Links

Lets use the QR code in the text books ! How ?

- Download the QR code scanner from the Google PlayStore/ Apple App Store into your smartphone
- Open the QR code scanner application
- Once the scanner button in the application is clicked, camera opens and then bring it closer to the QR code in the text book.
- Once the camera detects the QR code, a url appears in the screen. Click the url and goto the content page.



Lesson

1

Early India: From the Beginnings to the Indus Civilisation

Learning Objectives

- To know the Stone Age humans of India.
- To understand the Palaeolithic and Mesolithic societies of India.
- To learn the importance of Neolithic revolution.
- To have knowledge on salient features of the Indus culture.



D9YU8N

Introduction

India experienced an early development of cultures and civilisations. Since the Old Stone Age, several groups in India had migrated multiple times and made cultural adaptations to diverse eco-zones. Each group evolved its own culture responding to their living experiences in each place, which eventually led to pluralistic beliefs and systems. From a life of foraging through nomadic pastoralism, the settlers in Indus region reached a matured stage of living in the Bronze Age.

This chapter focuses on the history of India from the first settlement of humans in the Stone Age, up to the decline of the Indus Civilisation. It dwells on the Neolithic cultures as well.

Sources

Archaeological sources form the bedrock of information for us to understand this long span of time in Indian history. They include archaeological sites, geological sediments, animal bones and fossils, stone tools, bone tools, rock paintings and artefacts. There is no written evidence for this period. Although the Harappans used a script, it is yet to be deciphered.

The faunal (animal) and floral (plant) sources are important for understanding the relationship of the Stone Age people with their environment. Floral evidence found in the form of charred seeds, pollens and phytoliths (plant stones) helps us to gain knowledge of farming practiced by Stone Age people.

The human genes also constitute an important source for understanding pre-historic migrations. The mitochondrial DNA (mt-DNA) studies provide information on pre-historic migrations. Scientists are trying to extract ancient DNA from the bones of the pre-historic era to understand human dispersals.

Language is another important source of history. Indo-Aryan, Dravidian, Austro-Asiatic and Tibeto-Burman language families have flourished in India. These languages developed and evolved during the various phases of migrations in Indian history.

1.1 Pre-historic India

The period before the development of script is called the pre-historic times. It is also referred to as the Stone Age. When

we talk about the Stone Age, we include the entire South Asia, the region covering India, Pakistan, Sri Lanka, Nepal and Bangladesh, as a whole.

Human ancestors are likely to have first evolved in Africa and later migrated to different parts of the world. The earliest human ancestor species to migrate out of Africa was the *Homo erectus*. Till the end of the 20th century, the pre-history of India was considered to have begun within the time span of one million years (MYR) ago. But, recent investigations have produced evidence for the presence of human ancestors in India between two million and one million years ago.

Generally, the period before the invention of script is broadly divided into Stone Age, Bronze Age and Iron Age. Hence, the names of materials that they used (for example, painted grey ware culture or Iron Age culture) or the geographical region (Indus) or the first site to be identified (for example, Acheulian or Harappan) are used to name the cultures.

The earliest age in history is called Old Stone Age or Palaeolithic. This period is divided into

- Lower Palaeolithic culture
- Middle Palaeolithic culture
- Upper Palaeolithic culture.

The period after the Old Stone Age (Palaeolithic) is called the Mesolithic Age. The period that followed the Mesolithic is called the Neolithic Age. This is the age in which animal and plant domestication developed, leading to food production. The classification of these cultures is done on the basis of stratigraphic, chronological and lithic (stone tool) evidence.

Lower Palaeolithic Culture

The earliest lithic artefacts come from different parts of the Indian subcontinent. During the Lower Palaeolithic cultural

Wild and Domestic

Wild plants and animals grow naturally and independently. When they are domesticated, their lifestyle and physical characteristics (such as self-propagation) change. Consequently, the seeds of domestic plants become smaller in size. In the case of domesticated animals, they lose their ferociousness.

phase, human ancestor species of *Homo erectus* is believed to have lived in India. The first Palaeolithic tools were identified at the site of Pallavaram near Chennai by Robert Bruce Foote in 1863. He found many pre-historic sites when he extensively surveyed different parts of South India. Since then, numerous Palaeolithic sites have been identified and excavated all over India.

Lithic Tools

The study of pre-history mainly depends upon lithic tools. Pre-historic sites are identifiable based on the presence of stone tools. Human ancestors made large stone blocks and pebbles and chipped tools out of them, using another strong stone. Hand axes, cleavers, choppers and the like were designed in this way by flaking off the chips. The tools show well thought-out design and physical symmetry, and convey high-quality cognitive (perception) skills and capabilities of pre-historic humans. They used the tools for hunting, butchering and skinning the animals, breaking the bones for bone marrow and to recover tubers and plant foods, and for processing food.

The industries of Palaeolithic cultures are divided into the Early, Middle and Late Acheulian Industries. The early Acheulian tools include polyhedrons, spheroids, hand axes, cleavers and flake tools.

The Acheulian tradition is absent in the Western Ghats, coastal areas and north-eastern India. Heavy rainfall is

Acheulian and Sohanian

Based on research, two independent cultural traditions of hand axe (Acheulian) and pebble-flake (Sohanian) industries were confirmed in India. Acheulian industry mainly had hand axes and cleavers. The Sohan industry is considered to have used only chopper and chopping tools. The Sohan industry gets its name from the Sohan river valley of Pakistan. These two cultural traditions are not considered distinct any longer. Recent studies argue that there was no independent Sohan tradition as Acheulian tools are found in the Sohan industry as well.

attributed to its absence. Uncongenial conditions and lack of raw materials might have prevented the occupation of these areas. Perhaps there was no necessity for the pre-historic people to move into these areas. These sites are found more in Central India and in south-eastern part of India (near Chennai). These areas receive high rainfall and are therefore endowed with thick green cover and rich resources.

Distribution

Lower Palaeolithic tools are found in most parts of India, except in a few regions of the Ganges valley, southern Tamil Nadu and in the hilly areas of the Western Ghats. Athirampakkam, Pallavaram and Gudiyam near Chennai, Hunsgi valley and Isampur in Karnataka, and Bhimbetka in Madhya Pradesh are some important Palaeolithic sites where the Acheulian tools are found.

Chronology

Recent research places the beginning of lower Palaeolithic around two million years ago. This culture continued upto 60,000 years ago.



Hathnora archaic *Homo sapiens* fossil skull fragment



Elephas namadicus



Bos Namadicus

Hominin and Animal Fossils

Unlike Africa, evidence of hominin [immediate ancestor of Homo Sapiens] fossil is rare in India. There is a report of a fossil fragment discovered by Robert Bruce Foote from Athirampakkam. Its whereabouts are not known now. The only well-known hominin fossil of India was found at Hathnora near Hoshangabad in Madhya Pradesh. The cranium is named Narmada human. A partly preserved hominid skull cap was found in a basal conglomerate deposit in 1982. It is considered to represent the *Archaic Homo sapiens*. It is the only existing fossil find of human ancestors in India.

Animal fossils are useful to understand the palaeo-environmental context in which people lived. In the Narmada valley, animal fossils of *Elephas namadicus* (giant tusked pre-historic elephant), *Stegodon ganesa* (a giant pre-historic elephant), *Bos namadicus* (wild cattle) and *Equus namadicus* (extinct great horse like animal) have been recovered. Teeth of *Equus*, evidence of water buffalo and *nilgai* as well as 17 animal hoof prints have been uncovered at Attirampakkam.

They suggest an open, wet landscape near the Chennai region in the pre-historic period.

Equus refers to the genus of animals including horses, asses and zebras.

Way of Life

The people of Lower Palaeolithic culture hunted animals and gathered roots, nuts and fruits. They fed on the flesh and bones of animals killed by predators. They lived in open air, river valleys, caves and rock shelters, as seen from evidence in Bhimbetka in Madhya Pradesh and Gudiyam near Chennai. The pre-historic human ancestors, who belonged to the species of *Homo erectus*, did not have a complex language culture like us, the *Homo sapiens*. They may have expressed a few sounds or words and used a sign language. They were intelligent enough to select stones as raw material and used the hammer stones to carefully flake the rocks and design tools.



Middle Palaeolithic Culture

After about 4,00,000 years BP (Before Present), changes took place in the lithic technology and the species of human ancestors diverged. The species of *Homo erectus* existed in this period. Some of the Middle Palaeolithic tools are attributed to behavioural modernity. Anatomically modern humans are said to have emerged around 3,00,000 years ago. In India, the Middle Palaeolithic phase was first identified by H.D. Sankalia on the Pravara River at Nevasa. After this discovery, several sites of this period have been identified. Recently, the Middle Palaeolithic of Athirampakkam is dated to be around 3.85-1.72 lakh years BP. Indian Middle Palaeolithics probably may be as old as the African Middle Palaeolithic culture.

Industries and Tool Types

The tool types of the Middle Palaeolithic period are hand axes, cleavers, choppers, chopping tools, scrapers, borers and points, projectile points or shouldered points, and knives on flakes. Flake industry was predominant in the Middle Palaeolithic period and tools such as scrapers, points and borers were made. Scrapers were used for wood and skin working.

Chronology

The Middle Palaeolithic culture in India is dated between 3,85,000 and 40,000 BCE. While the African Middle Stone Age is associated with the *Homo sapiens*, it is associated with the Neanderthals in Europe. No hominin fossil bones of this species have been found in India.

Distribution

The Middle Palaeolithic sites are found in Narmada, Godavari, Krishna, Yamuna and other river valleys.

Ways of Life and Main Characteristics

The Middle Palaeolithic people occupied open-air, cave and rock shelter sites. They were hunter-gatherers. The main features of the Indian Middle Palaeolithic period include the following:

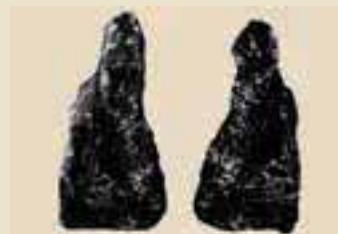
- The tools became smaller.
- The decrease in the use of hand axes in relation to other tools.
- Use of core preparation techniques in stone tool production.
- Use of chert, jasper, chalcedony and quartz as raw materials.

Upper Palaeolithic Culture

The cultural phase that followed the Middle Palaeolithic is called Upper Palaeolithic. This period is marked by innovation in

An Upper Palaeolithic Shrine

An interesting find is of a possible shrine, indicated by a block of sandstone surrounded by a rubble circle, similar to the contemporary shrines. Found at Baghor in Uttar Pradesh, it is the earliest known evidence of a shrine in India.



Triangular stone from upper palaeolithic shrine



Similar stone in a contemporary shrine

tool technology and increased cognitive capability of humans. The modern humans, who first evolved in sub-Saharan Africa, sometime before 300,000 years ago, migrated to and occupied various parts of Asia around 60,000 years ago. They probably replaced the earlier populations. There is a possibility that these new groups were responsible for the Upper Palaeolithic culture of India.

Lithic Tools and Industries

The lithic industry of the Upper Palaeolithic period is based on blade and bone tool technologies. Microliths (tiny stone tools) were introduced in the Upper Palaeolithic Period and these tools were made using different varieties of silica-rich raw materials. Bone tools and faunal remains have been found in Kurnool caves in Andhra Pradesh.

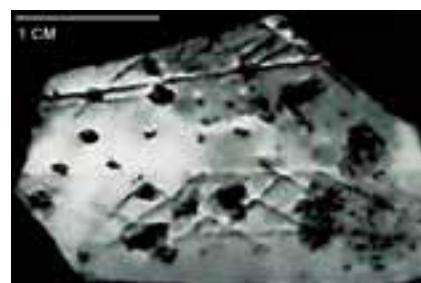
Chronology

The Upper Palaeolithic culture is represented in India at several sites. A time bracket of c. 40,000 years to 10,000 years BP is suggested for this period.

Distribution

The people of this period used caves as well as the open air space for living. Meralbhavi in Karnataka, Kurnool caves and Godavarikhani in Telangana, Baghor I and Baghor III of Son Valley in Madhya Pradesh and Patne in Maharashtra are some of the Upper Palaeolithic sites of India.

Sri Lanka has evidence of microliths and hominin fossils. Incised ostrich eggshell, and shell and stone beads have been found at Jwalapuram in Andhra Pradesh, Patne in Maharashtra and Batadomba-Lena and Fa Hien Cave in Sri Lanka.



Decorated ostrich shells from Upper Palaeolithic site in Patne in Maharashtra

Ostrich Egg Shells

Evidence of ostrich has been found in some pre-historic sites of India. The egg shell of this bird had been used as beads and those from Patne have been dated to 25,000 BP. They are found in Bhimbetka and Patne.

Ways of Life and Main Characteristics

Evidence of art in the Upper Palaeolithic period appears in the form of paintings. Beads and ornaments of this period have also been found. The lithic blade industry advanced in this period. Some of the green colour paintings of Bhimbetka are dated to Upper Palaeolithic period based on style and archaeological evidence.

Mesolithic Culture

Mesolithic sites are found in most parts of India. They occur in all eco-zones from the coasts to the hills: sand dunes, rock shelters, deltaic regions, lake areas, forested territories, hilly and mountainous areas, rocky terrains and coastal environments.

Mesolithic sites in India are found in Paisra (Bihar), Langhnaj (Gujarat), Baghor II, Chopani Mando, Sarai Nahar Rai, Mahadaha and Damdama (all in Uttar Pradesh), Sankanakallu and Kibbanahalli (Karnataka). Rock shelter sites are found in Lekhakia, Baghai Khor, Adamgarh and Bhimbetka.

Coastal sites are seen at Mumbai, *teri* sites of Thoothukudy in Tamil Nadu and Vishakapatnam, which have microlithic evidence.

Teri

A costal landscape caused by sand dunes. These soils may have originated in the Pleistocene epoch of the Quaternary period.

Climate

After the Ice Age, with the advent of global warming, human groups became highly mobile and began to occupy various eco-zones. The monsoon pattern had already emerged. Some regions witnessed higher rainfall. At Didwana in western Rajasthan, fresh water lakes were known to exist between 10,000 and 3500 BP. The animal bones from this period suggest a dry deciduous type of forest during the Mesolithic period.

Chronology

The date of the Mesolithic culture varies in different parts of the world. This culture is assigned to pre-agricultural times in certain areas. In Levant (Eastern Mediterranean), they are dated between 20,000 and 9500 BCE. In India, Mesolithic cultures appeared

around 10,000 BCE. In certain parts of India including Kerala and Tamil Nadu, it continued up to 1000 BCE, till the beginning of the Iron Age. In Sri Lanka, the microliths appeared about 28,500 years BP.

Economy

Hunting wild animals and gathering plant food and fishing were people's main occupation during this age. Agriculture was not practised in the early stages. At the end of the Mesolithic period, humans domesticated animals and paved the way for the Neolithic way of life. The rock paintings of Central India depict hunting, trapping, fishing and plant food collection.

The faunal evidence from this period shows that people belonging to this period hunted cattle, gaur, buffalo, *barasingha*, porcupines, *sambar*, chital, gazelle, hog deer, *nilgai*, jackal, turtle, fish, wild hare, lizard fox and monitor lizard. Bones of rhinoceros and elephant have also been found. They used spears, bow and arrow and traps. The paintings of Bhimbetka show that various animals were hunted and for this men and women went together.

The people used fire and perhaps roasted food. Domestic animal bones of cattle, sheep, goats, pig and dog have been found at Kanewal, Loteswar and Ratanpur, and from Adamgarh and Bhimbetka in Madhya Pradesh sites. Camel bones have been found from Kanewal.

Camps and Houses

The Mesolithic people were highly mobile. They moved in search of animals and plant foods. They made temporary huts and also used caves and rock shelters. Circular huts with postholes and burnt clay lumps bearing reed impressions have been found. Many of caves and shelters feature paintings. Circular huts are seen in rock paintings. The temporary huts were built using perishable materials. Traces of

oval and circular huts and possible wattle daub are found in Chopani Mando and Damdama in Uttar Pradesh and Bagor and Tilwara in Rajasthan.

Burials

The Mesolithic people buried the dead, which suggests their beliefs and humane relationships. Human skeletons have been found in Mahadaha, Damdama and Sarai Nahar Rai in Uttar Pradesh. At Mahadaha, a man and a woman were buried together. One burial had an ivory pendant as the grave good.

Art

Art is an integral part of human existence. While evidence of art is found in Europe in large volume, they are found only at a few sites in India. A chert stone used as a core had geometric engravings from Chandravati in Rajasthan, bone objects from Bhimbetka and human tooth engraved with geometric design. Rock paintings are found in the rock shelters of Madhya Pradesh and Central India. They show people hunting, trapping animals and fishing and dancing. Bhimbetka near Bhopal, Raisen and Pachmarhi in Madhya Pradesh and South Mirzapur in Uttar Pradesh are some of the sites. Haematite, an iron-rich stone with traces of rubbing, has been found. These people might have decorated themselves with flowers and leaves.

1.2 Hunter and gatherers of the Historical Period

The hunter and gatherers using microlithic tools continued to live in the later period, even after the development of Neolithic, Iron Age and historical periods. Perhaps they became part of the marginalised communities, when the people who lived in the cities acquired more wealth. Some of the people who

live in the forests even today in some remote areas and also in the Andaman region could be considered as those people who prefer to live by hunting and gathering. Many such groups lived in the 19th and 20th century, as recorded in the Edgar Thurston's *Castes and Tribes of Southern India*. Describing them as primitive is incorrect. They should be considered as people who preferred to live by hunting and gathering. When the Indus Civilisation was in its peak, Tamil Nadu had microlithic hunter-gatherers. The Andhra-Karnataka region had the agro-pastoralists of the Neolithic period.

Characteristics of the Mesolithic Cultures

- The Mesolithic people lived in semi-permanent and temporary settlements.
- They occupied caves and open grounds.
- They buried the dead.
- They had artistic skill.
- They were spread over wider geographical regions.
- Cultural continuity is noticed in many parts of India from this period.
- Their microlithic tools enabled them to hunt smaller animals and birds.

1.3 Early Neolithic Cultures and the Beginning of Agriculture

The Neolithic period marked the beginning of agriculture and animal domestication. It is an important phase in Indian history. Early evidence of Neolithic culture is found in the Fertile Crescent region of Egypt and Mesopotamia, the Indus region, the Ganges valley of India and also in China. Between 10,000 BCE to 5000 BCE, agriculture emerged in these regions, which led to several cultural developments.



Neolithic sites of India.

The introduction of domestication of animals and plants resulted in the production and supply of a large quantity of grains and animal food. The fertile soil deposited by the rivers enhanced the growth of agriculture, generating a surplus of grains. Surplus food production played a major role in the rise of early civilisations. Large villages came to exist and pottery developed. Permanent residences were built. Hence, the cultural developments of this period are called Neolithic revolution.

The Neolithic cultures of India are divided into various regional cultures and they flourished in different time periods. In the north-western part of India and Pakistan, it began at a very early date. In north-eastern India, Neolithic cultures appeared at a very late date, around the early historic time.

The Neolithic Culture of North-Western India

The Neolithic culture of north-western India is the earliest to have evidence of plant and animal domestication in India. Mehrgarh, Rana Ghundai, Sarai Kala and Jalilpur are some of the Neolithic sites. These sites are now situated in Pakistan.

The site of Mehrgarh has produced evidence of early Neolithic times, dating to c. 7000 BCE. Wheat and barley were cultivated and sheep, goat and cattle were domesticated. This culture preceded the Indus Civilisation.

The first cultural period (I) of the Neolithic age at Mehrgarh dates



Early Dentistry in the Neolithic Mehrgarh

The human ancestors had knowledge of medicinal herbs and were capable of taking care of health for survival from the pre-historic times. As their ways of life changed, new diseases appeared and they had to find remedies.

From the Neolithic period, people began to eat ground grain and cooked food, which caused dental and other health problems. The earliest evidence for drilling human tooth (of a living person) has been found at Mehrgarh. It is seen as a prelude to dentistry.



Mehrgarh Neolithic mud houses

from c. 7000 to 5500 BCE. The people belonging to this age did not use pottery, but cultivated six-row barley, emmer and einkorn wheat, jujube, ilanthalai and dates, and also domesticated sheep, goat and cattle. They were semi-nomadic, pastoral groups. They built their houses with mud and buried the dead. They used ornaments of sea shell, limestone, turquoise, lapis lazuli and sandstone.

The period II at Mehrgarh dates from c. 5500 to 4800 BCE and the period III from 4800 to 3500 BCE. There is evidence for pottery during these periods. Terracotta figurines and glazed faience beads have been found. Evidence for ornaments on women has been uncovered. Long-distance trade was practiced, as revealed by Lapis Lazuli, which is available only in Badakshan. The town was abandoned after the rise of mature phase of the Indus Civilisation.

The Neolithic Culture of Kashmir

Neolithic culture in Kashmir region was contemporary to the Harappan civilisation. Burzahom, an important site of this culture, provides evidence for the Megalithic and Early Historic Periods. In this place, people lived in pit houses (about four metres in depth) in order to escape the cold weather.

The houses were oval in shape, wide at the bottom and narrow on the top. Postholes used for constructing a thatched structure were found around the pit houses. The Neolithic period of Kashmir had domestic sheep, goat and cultivated plants. The Neolithic people of Burzahom traded with the people of the Harappan Civilisation. They used handmade pottery. They used tools such as stone axes, chisels, adzes, pounders, mace-heads, points and picks. Awls were used for stitching skins into clothes to beat the weather. Scrapers were used for working the skins.

Two phases of Neolithic culture have been identified. They are termed aceramic and ceramic phases. Aceramic phase did not have evidence of ceramics. Ceramic phase shows evidence for the existence of pottery. In the ceramic phase, people built mud houses. They used copper arrowheads. They also used black ware pottery, beads of agate and carnelian and painted pottery. A burial at this site produced wild dog bone and antler horn. An engraving of a hunting scene is depicted on a stone here with dog and sun.

Seeds of wheat, barley, common pea and lentil have been recovered from the excavations. People domesticated animals include cattle, sheep, goat, pig, dog and fowl. Bones of wild animals such as red deer, Kashmir stag, ibex, bear and wolf suggest that they hunted animals.

There is evidence of menhirs and the use of redware pottery and metal objects in the megalithic culture. The use of lentil suggests that contacts had been established with Central Asia. These people had interactions with Harappan Civilisation.

The Neolithic Culture of Ganges Valley and Central India

In the Ganges Valley, and in Central India Neolithic sites are found at Lehuradeva, and Chopani Munda. The site of Lehuradeva has produced early evidence of rice cultivation dated to c. 6500 BCE.

These sites are characterised by cord-marked pottery. Koldiwa, Chirand, Senuwar and Mahagara are important Neolithic sites in this region. These sites also have evidence of pottery and plant and animal domestication.

Evidence for the cultivation of hulled and six-rowed barley, several types of wheat, rice, pea, green gram, and gram/chicken pea, mustard, flax/linseed and jackfruit have been found at the sites of Central India. Sheep, goat and cattle bones have been found besides bones of wild animals.

The Neolithic people used a type of pottery with cord impression on the surfaces. They used microliths, bone and antler tools and terracotta objects. These sites perhaps flourished till about the middle of the second millennium BCE.

The Neolithic Culture of Eastern India

The Neolithic sites are found at many sites in Bihar and West Bengal. Birbhanpur and Chirand are some of the prominent Neolithic sites in this region along with Kuchai, Golbaisasan and Sankarjang. These cultures show similarities with the Neolithic complexes of east and South-east Asia. Pointed butt celts, chisel and

shouldered axes have been found in the region from the Neolithic era.

Neolithic Culture of South India

The Neolithic cultures of South India have been found mainly in Andhra Pradesh and Karnataka and the north-western part of Tamil Nadu. These sites have ash mounds in the centre with settlements around them. More than 200 Neolithic sites have been identified as part of the Neolithic complex. These sites are found near the granite hills with water sources. These sites have been spotted in the river valleys of Godavari, Krishna, Pennaru, Tungabhadra and Kaveri. Sanganakallu, Tekkalakota, Brahmagiri, Maski, Pilikhal, Watkal, Hemmige and Hallur in Karnataka, Nagarjunakonda, Ramapuram and Veerapuram in Andhra Pradesh and Paiyyampalli in Tamil Nadu are the major Neolithic sites in South India.

Some early Neolithic sites have ash mounds. Utnur and Palvoy in Andhra Pradesh and Kodekal, Kupgal and Budihal in Karnataka feature ash mound sites. Soft ash and decomposed cow dung layers are also found at this site. The evidence of habitation in the form of houses and burials are found around the ash mounds.



Neolithic ground stone axe

Neolithic Culture of North-eastern India

In north-eastern India, Neolithic culture appears at a very late period. The Neolithic cultures of north-eastern India generally date from 2500-1500 BCE or even later. Shouldered axes and splayed celts have been found at the sites in Assam, Meghalaya, Nagaland and Arunachal Pradesh. Daojali Hading and Sarutaru are the Neolithic sites in the Assam region. This region bears evidence for shifting cultivation. Cultivation of yams and taro, building stone and wooden memorials for the dead, and the presence of Austro-Asiatic languages are the marked features of this region, which shows cultural similarities with South-east Asia.

1.4 The Indus Civilisation

The Indus Civilisation represents the first phase of urbanisation in India. While the civilisation was in its peak, several cultures, namely, Mesolithic and Neolithic cultures that we discussed earlier in the chapter, prevailed in other parts of India.

Nomenclature, Phases and Chronology

The civilisation that appeared in the north-western part of India and Pakistan in third millennium BCE is collectively called the Indus Civilisation. Since Harappa was the first site to be identified in this civilisation, it is also known as Harappan Civilisation. This civilisation did not appear all of a sudden. The beginnings of the Neolithic villages in this region go back to about 7000 BCE at the Neolithic site of Mehrgarh. Harappan culture is divided into various phases:

Early Harappan	3000–2600 BCE
Mature Harappan	2600–1900 BCE
Late Harappan	1900–1700 BCE

The urban phase was prevalent in the mature Harappan period and began to decline afterwards.

The Indus valley site of Harappa was first visited by Charles Mason in 1826, and Amri by Alexander Burnes in 1831. The site of Harappa was destroyed for laying the railway line from Lahore to Multan. The seal from this site reached Alexander Cunningham, the first surveyor of the Archaeological Survey of India (ASI). Alexander Cunningham visited the site in 1853, 1856 and 1875. But the importance of the site and the associated civilisation were not realised until Sir John Marshal took over as the Director General of ASI and initiated research at the site.

Sir John Marshal played an important role in the development of archaeology in India. Later in the 1940s, Mortimer Wheeler excavated the Harappan sites. After the partition of the Indian subcontinent, many of the Harappan sites went to Pakistan and thus archaeologists were keen to trace the Harappan sites on the Indian side. Kalibangan, Lothal, Rakhi Garhi and Dholavira are the Indian sites that have been since excavated. The explorations and excavations conducted after the 1950s have helped to understand the Harappan Civilisation and its nature.

Geographical Area and the Settlements

The Indus Civilisation and the contemporary cultures covered nearly 1.5 million sq. km area in India and Pakistan. The settlements of Sutkagen-dor in the west on the Pakistan-Iran border; Shortugai (Afghanistan) in the north; Alamgirpur (Uttar Pradesh, India) in the east and Daimabad (Maharashtra, India) in the south are the boundaries of this civilisation. Its core area was in the regions of Pakistan, Gujarat, Rajasthan and Haryana.

The Early Beginnings

The Indus region (Mehrgarh) is one of the areas of the world where agriculture and animal domestication began very early. We do not know if there is any continuity between the Neolithic cultures of the Indus region and the later urban civilisation. The early Harappan phase saw the development of villages and towns in the entire region. In the Mature Harappan phase, urban centres developed.

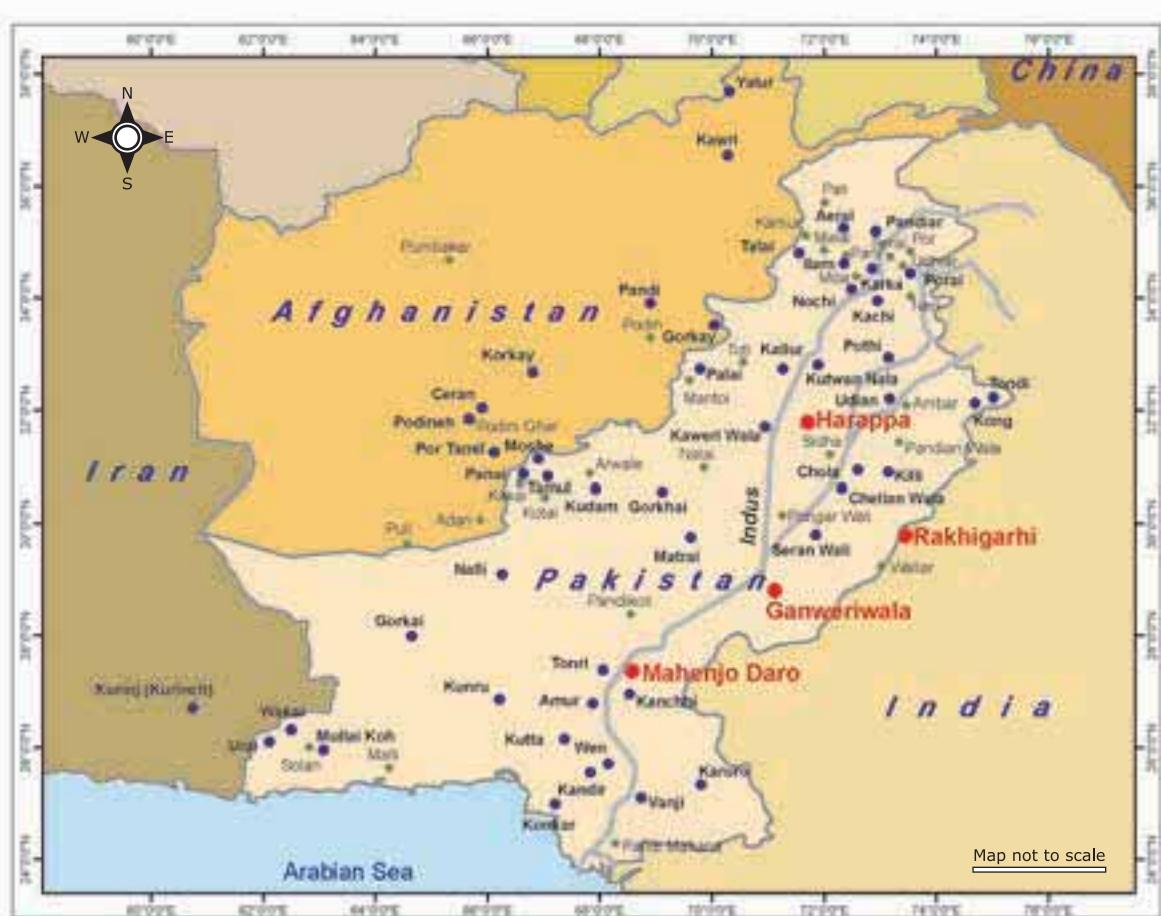
Planned Towns

Harappa (Punjab, Pakistan), Mohenjo-Daro (Sindh, Pakistan), Dholavira, Lothal, and Surkotada (Gujarat, India), Kalibangan and Banawali (Rajasthan, India), and Rakhigarhi (Haryana, India) are the major cities in the Harappan period. Fortification, well-planned streets and lanes and drainages are noticed in the Harappan towns. A civic

authority perhaps controlled the planning of the towns. The Harappans used baked and unbaked bricks, and stones for construction. The towns had a grid pattern and drainages were systematically built. The houses were built of mud bricks while the drainages were built with burnt bricks. Houses had more than one floor.

The site of Mohenjo-Daro had a planned town, built on a platform. It has two distinct areas. One is identified as a citadel and another as the lower town. The houses had bathrooms paved with burnt bricks and proper drains. Some houses had stairs indicating the existence of an upper floor. The houses had multiple rooms. Many of the houses had a central courtyard with rooms all around.

The citadel area had important residential structures that were either used by the public or select residents.



Indus cities and towns

In Mohenjo-Daro, a building has been identified as a warehouse.

The Great Bath is a tank situated within a courtyard. The corridors were present on all four sides and stairs are seen on the northern and southern sides. It was well paved with several adjacent rooms. Some structures are identified as granary. The bricks were laid watertight with gypsum mortar. It had drainage. It is associated with a ritual bath.



The Great Bath

The structures identified as granary or Great Bath should be seen as archaeologists' interpretations.

Subsistence and Economic Production

Agriculture was an important source of subsistence for the Harappans. The Harappans cultivated diverse crops such as wheat, barley, lentil, chickpea, sesame and various millets. Agricultural surplus was an important stimulus for a number of developments. They adopted a double cropping system.

The Harappans used ploughs. They perhaps ploughed the land and then sowed the seeds. Ploughed fields have been found at Kalibangan. They used both canal and well irrigation.

Archaeobotanists study ancient agriculture, and human and environmental relationships.

Animal Domestication

Pastoralism was also practised by the Harappans. They domesticated sheep, goat and fowl. They had knowledge of various other animals including buffalo, pig and elephant. But horse was not known to them. The Harappan cattle are called Zebu. It is a large breed, often represented in their seals. They also ate fish and birds. Evidence of boar, deer and gharial has been found at the Harappan sites.

Craft Production

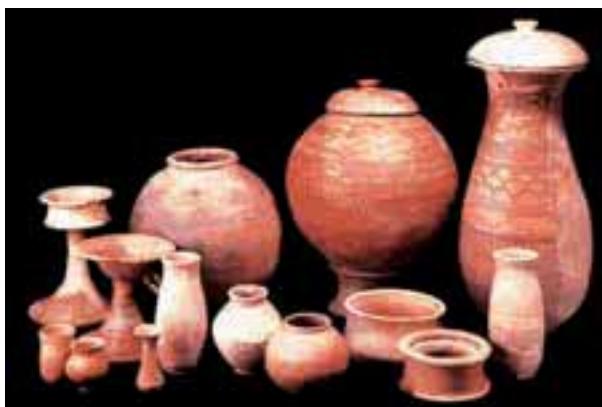
Craft production was an important part of the Harappan economy. Bead and ornament making, shell bangle making and metalworking were the major crafts. They made beads and ornaments out of carnelian, jasper, crystal, and steatite, metals like copper, bronze and gold and shell, faience and terracotta or burnt clay. The beads were made in innumerable designs and decorations. They were exported to Mesopotamia and the evidence for such exported artefacts have been found from the excavations in Mesopotamian sites.

Certain Harappan sites specialised in the production of certain craft materials. The following table presents the major centres of craft production.

Material	Site or Source
Shell	Nageshwar and Balakot
Lapis lazuli	Shortughai
Carnelian	Lothal
Steatite	South Rajasthan
Copper	Rajasthan and Oman

Pottery

The Harappans used diverse varieties of pottery for daily use. They use well-fired pottery. Their potteries have a deep red slip and black paintings. The pottery are shaped like dish-on-stands, storage jars,



Harappan painted pottery

perforated jars, goblets, S-shaped jars, plates, dishes, bowls and pots. The painted motifs, generally noticed on the pottery, are *pipal* leaves, fish-scale design, intersecting circles, zigzag lines, horizontal bands and geometrical motifs with floral and faunal patterns. The Harappan pottery is well-baked and fine in decorations.

Metal, Tools and Weapons

The Harappan civilisation belongs to the Bronze Age civilisation and Harappans knew how to make copper bronze tools. Although they produced bronze implements, they needed various kinds of tools for agriculture and craft production. The Harappans used chert blades, copper objects, and bone and ivory tools. The tools of points, chisels, needles, fishhooks, razors, weighing pans, mirror and antimony rods were made of copper. The chert blades made out of Rohrichert was used by the Harappans. Their weapons include arrowheads, spearhead, celt and axe. They did not have the knowledge of iron.

Rohri chert

The chert, a fine grained sedimentary rock, was found in the region of Rohri in Pakistan. It was used by the Harappans for making stone blades and tools.

Textiles and Ornaments

The Harappans wore clothes and used metal and stone ornaments. They had knowledge of cotton and silk. The image identified as a priest is depicted wearing a shawl-like cloth with flower decorations.

The terracotta images of women are shown wearing different types of ornaments. The image of dancing girl found at Mohenjo-Daro is shown wearing bangles in large numbers up to the upper arm. They made carnelian, copper and gold ornaments. Some of them had etched designs and they exported them to the Mesopotamian world. Faience, stoneware and shell bangles were also used. The ornaments produced were either sold or exchanged as part of the trade activities.

Trade and Exchange

One of the sources of Harappan economy was trade and exchange activities. Harappans had close trade contacts with the Mesopotamians and also with various cultures of India. The Harappan seals and materials have been found in the Sumerian sites in Oman, Bahrain, and Iraq and Iran. The cuneiform inscriptions mention the trade contacts between Mesopotamia and Harappans. The mention of "Meluhha" in the cuneiform inscriptions refers to the Indus region. A Harappan jar has been found in Oman. Harappan seals, weights, dice and beads are found in Mesopotamia. Carnelian, lapis lazuli, copper, gold and varieties of wood were exported to Mesopotamia. Harappans also interacted with various regions of India and acquired raw materials and processed them.

Weights and Measures

Harappans had developed proper weights and measures. Since they were involved in commercial transactions, they needed standard measures. Cubical chert weights have been unearthed from Harappan sites.

The weights exhibit a binary system. The ratio of weight is doubled as 1:2:4:8:16:32. The small weight measure of 16th ratio weighs 13.63 grams. They also used a measuring scale in which one inch was around 1.75 cm. Weights made of chert were cubical. They used binary numbering system (1, 2, 4, 8, 16, 32, etc.). They might have been used for weighing jewellery and metal.

Seals, Sealings and Scripts

The seals from various media such as steatite, copper, terracotta and ivory are frequently found in the Harappan sites. The Harappan script has not yet been convincingly deciphered. About 5,000 texts have been documented from the Harappan sites. The longest text has about twenty six signs. Some scholars are of the view that it is Dravidian. Seals might have been used as an identity marker on the materials that were transported. They might have indicated the ownership.



Indus seal

Arts and Amusement

The terracotta figurines, the paintings on the pottery, and the bronze images from the Harappan sites suggest the artistic nature of the Harappans. "Priest king" of steatite, dancing girl of copper (both from Mohenjo-Daro), and stone



The priest king

sculptures from Harappa, Mohenjo-Daro and Dholavira are the important objects of art. Toy carts, rattles, wheels, tops, marbles and hop scotches exhibit the amusement of the Harappan people.

Faith and Belief System

The Indus people worshipped nature. They worshipped the *pipal* tree. Some of the terracotta figures appear to be mother goddess. Fire altars have been identified at Kalibangan. They buried the dead. Burials were made elaborately and evidence of cremation is also reported. The Harappan burials have pottery, ornaments, jewellery, copper mirrors and beads. These suggest their belief in an afterlife.



Harrappan Burials

Polity

Uniformity in pottery, seals, weights and bricks reveals the existence of a polity. Labour mobilisation may also suggest the existence of a political system. Harappa and Mohenjo-Daro might have had a city-state like polity. The uniformity in the cultural materials and measurement units point to a central authority during the Harappan times.

Authorship and the Making of Indian Culture

One school of thought argues that the authors of Harappan Civilisation were speakers of the Dravidian languages. The

archaeological evidence shows movement of the Harappans to the east and the south after the decline of their civilisation. Some of the Harappan people could have moved into different parts of India. However, only the decipherment of the script would give us a definite answer.

Contemporary Cultures of the Indus Civilisation

Several groups including pastoral people, farmers and hunter-gatherers lived in the Indus region. The Indus region had villages and large towns. The population of that time was mixed. Innumerable communities of hunters-gatherers, pastoral people and farmers, from Kanyakumari to Kashmir and Gujarat to Arunachal Pradesh could have existed during this period. Their history is also equally important, as cultural and ecological knowledge of all these groups contributed to Indian culture.

While the Indus Civilisation was flourishing in the north-western part of India, several cultures were developing in different parts of India. In the southern part of the subcontinent, Kerala and Sri Lanka were given to hunting and gathering. The

Harappans who had knowledge of water crafts might have had connections and interactions with South India, but no clear archaeological evidence on this is available. The northern part of South India, i.e. the Karnataka and Andhra region, had Neolithic cultures, engaged in pastoralism and plough agriculture. Similarly, the Chalcolithic cultures were prevalent in Deccan and western India, while Neolithic cultures permeated northern India including Kashmir, Ganges valley and central and eastern India. Thus India was a cultural mosaic during the time of the Harappans.

Decline

The Indus Valley Civilisation declined from about 1900 BCE. Changes in climate, decline of the trade with the Mesopotamia, and the drying of the river and water resources due to continuous drought are some of the reasons attributed by historians for the decline. Invasions, floods and shifting of the river course are also cited as reasons for the ruin of Indus civilisation. In course of time, the people shifted to the southern and eastern directions from the Indus region.

Indus Civilisation and Tamil Civilisation

The Indus Civilisation represents the first urbanisation of Indian history.

The origin and authorship of the Indus Civilisation are keenly debated historical questions. The Indus script has not yet been conclusively deciphered and hence the authorship is not certain. The graffiti found on the megalithic burial pots of South India and the place names presented are cited to establish the relationship between Indus and Tamil cultures.

The archaeological evidence points to several groups of people living in Tamil Nadu and South India continuously from the Mesolithic period. One cannot rule out the migration of a few groups from the Indus region. More research is necessary before arriving at any definite conclusion.

The towns of ancient Tamizhagam such as Arikamedu, Keezhadi and Uraiyyur that flourished are part of the second urbanisation of India and these towns are quite different from the Indus cities.

SUMMARY

- The history of India began in the pre-historic times about 2 million years ago.
- Numerous groups of people moved into this land from the pre-historic times. These groups adapted to their environment and created specific ways of life according to the ecological moorings.
- People who made hand axes lived in India from two million years ago. Various communities occupied the entire breadth and width of the country from the Mesolithic times and laid the cultural foundations of India.
- The combined contribution of all these groups contributed to India's pluralistic culture today.
- The diverse languages and cultures of India reveal the complex processes associated with Indian history.
- The first urbanisation emerged around the Indus Valley Civilisation about 2600 BCE. While Indus Valley Civilisation was a major cultural system in north-western India, several cultures existed across India contemporaneously.

EXERCISE

I. Choose the Correct Answer

1. The period before the development of script is called _____.
 (a) Pre-historic (b) Historic (C) palaeolithic (d) Neolithic
2. The earliest age in history is called _____.
 (a) Old Stone Age (b) New Stone Age (c) Copper Age (d) Iron Age
3. The first Palaeolithic tools were identified in _____.
 (a) 1860 (b) 1863 (c) 1873 (d) 1883
4. Baghor I and Baghor III of Son Valley in Madhya Pradesh are some of _____ sites in India.
 (a) Lower Palaeolithic (b) Middle Palaeolithic
 (c) Upper Palaeolithic (d) Neolithic
5. The site of Mehrgarh has been associated with _____ culture.
 (a) Palaeolithic (b) Neolithic
 (c) Mesolithic (d) Chalcolithic
6. The _____ inscriptions mention the trade contacts between Mesopotamia and Harappan civilisation.
 (a) Cuneiform (b) Heiroglyphics (c) Devanagiri (d) Kharoshti
7. Burzahom is an important site of _____.
 (a) Neolithic culture of Kashmir (b) Neolithic culture of Ganga Valley
 (c) Neolithic culture of Eastern India (d) Neolithic culture of South India



II. Write Brief Answers

1. What are the sources for the study of pre-historic period?
 2. How is the Old Stone Age or Palaeolithic Period divided?
 3. Write a short note on hominin.
 4. Define Mesolithic culture.
 5. How is the Harappan culture divided into various phases?
 6. Write a short note on The Great Bath.
 7. Mention the reasons for the decline of Indus Civilisation.

III. Write Short Answers

1. Write a note on Acheulian and Sohanian industries.
 2. What are the main features of Indian Middle Palaeolithic age?
 3. Mention the Mesolithic sites in India.
 4. Explain the distinct features of the Mesolithic cultures.
 5. What are the border settlements of the Indus civilisation?
 6. Write a short note on the craft production of Harappan economy.
 7. What do you know about the faith and belief system of the Harappans?

IV. Write Answers in Detail

1. Describe pre-historic India.
 2. Compare the Lower and Middle Palaeolithic cultures.
 3. “Upper Palaeolithic culture marked an innovation in tool technology.” Elucidate.
 4. Highlight the salient features of Early Neolithic cultures.
 5. “The Neolithic Culture in Kashmir region was contemporary to the Harappan civilisation”. Justify the statement.
 6. Where are Neolithic cultures found in South India? Mention its important features.
 7. Why is the Indus Civilisation also known as Harappan Civilisation?

8. Write about the planned towns of Harappa and Mohenjo-Daro.
9. Write a short note on the following with reference to Indus Civilisation.
 - (i) Pottery
 - (ii) Trade and exchange
 - (iii) Weights and measures
 - (iv) Seals, sealings and scripts

Activity

1. Visit a nearby museum to know the objects used by people of that time.
2. Draw the Palaeolithic tool types.
3. Prepare a chart on different stages in the human evolution.
4. Draw the extent and spread of Indus Civilisation, marking the sites discovered so far.

Assignment with Teacher's Guidance

- Prepare a PowerPoint presentation on the Stone Age of India.
- Prepare a PowerPoint presentation on the Indus Valley Civilisation.
- Prepare a PowerPoint on the Neolithic cultures of India.
- Prepare a PowerPoint on the pre-historic art of India.

GLOSSARY

Nilgai	- a deer with small horns	- சிறு கொம்புடைய மான் வகை
Jasper	- a precious stone in yellow, red and brown colour	- மஞ்சள், சிவப்பு, பழுப்புநிறம் கொண்டகல் வகை
quartz	- semi-precious stone with varying colour	- பல்நிறம் கொண்ட விலை குறைந்த மணிக்கல்
Levant	- Eastern Mediterranean Region	- கிழக்கு மத்தியத்தரைக்கடல் பகுதி
gazelle	- a kind of deer	- ஒரு வகை அழகிய மான்
adzes	- chisel-like tool fastened to wooden handle	- மரக் கைப்பிடிக் கொண்ட உளி போன்ற கருவி
agate	- a kind of hard precious stone	- உயர் வகைக் கல்
carnelian	- reddish variety of stone used in jewellery	- அணிகள்களில் பதிக்கும் சிவப்புநிறக் கல்வகை
legume	- a kind of botanical family in which seeds are found in pods	- தாவர குடும்ப வகை (அவரை வகை)
nomenclature	- system of naming	- பொருள்களின் பெயரிடும் முறை
lentil	- a kind of pulse	- துவரை வகை
goblet	- a cup with handle at the base	- கோப்பை
adduced	- showed as proof	- சான்றாகக் காண்பித்தல்
conglomerate	- rock consisting of gravel or pebbles	- கூழாங்கற்கள் மற்றும் சுரளைக் கற்களாலான பாறை



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2. Jonathan Mark Kenoyer. *Ancient Cities of the Indus Valley Civilization.* Oxford University Press, 1998.
3. L.Gregory Possehl, *The Indus Age: The Beginnings.* New Delhi. Oxford & IBH, 1999.
4. R.S.Sharma, *India's Ancient Past.* Oxford University Press, 2005.
5. Romila Thapar. *From Lineage to State: Social Formations in mid First Millennium BC in the Ganga Valley.* Oxford University Press, 1984.
6. Romila Thapar. *Early India from the Origins to 1300 AD.* Penguin, 2015.
7. Upinder Singh. *A History of Ancient and Early Medieval India.* Pearson, 2008.



INTERNET RESOURCES

1. <http://www.paleophilatelie.eu>
2. http://www.homepages.ucl.ac.uk/~tcrndfu/web_project/arch_back.html



ICT CORNER

Early India

Through this activity you will visit Virtual Museum to know about events of Pre-historic Period.



Steps:

- Open the Browser and type the URL or scan QR code to go to webpage on Natural History.
- You can see Virtual Museum website. Scroll down and Click “Select Past Exhibits” on the screen.
- Scroll down and click “Western Cultures.”
- Open “slide view” menu bar to access control button and explore the pictures about pre-historic period through the Virtual Museum.



Step1



Step2



Step3



Step4

Virtual Museum URL:

<https://naturalhistory.si.edu/VT3/>

*Pictures are indicative only.



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Lesson 2

Early India: The Chalcolithic, Megalithic, Iron Age and Vedic Cultures



Learning Objectives

- To understand the characteristics of the Chalcolithic period in India
- To know the Megalithic-Iron Age cultures of India
- To get acquainted with Aryans, non-Aryans and Vedic cultures
- To learn the distinction between the Early Vedic and Later Vedic societies

Introduction

A conventional view of the timeline of Indian history would simply shift its themes from the Indus Civilization through the Vedic Culture to the Age of the Mahajanapadas. But, if we consider the time after the decline of the Indus Civilization, covering from c. 2000 BCE to 600 BCE and the space stretching from Kashmir to Kanyakumari and Arunachal Pradesh to Gujarat, it is clear that diverse cultures and people who spoke different languages lived in ancient India.

This chapter focuses on the Late Harappan, Chalcolithic, Iron Age and Vedic Cultures and the Aryans, except for the Indus Civilization which was covered in the previous lesson. Essentially, it deals with the history of India from about 3000 BCE, up to the emergence of the Mahajanapadas, with a focus on social and economic changes.

Sources

The history of India, after the decline of the Indus Civilization around 1900 BCE, is characterised by the presence of nomadic microlith-using hunter-gatherers and pastoral, semi-sedentary and sedentary

agro-pastoral communities of the Neolithic, Chalcolithic, Iron Ages and Vedic Cultures. We have two main types of sources for this long span of time (c. 3000 to 600 BCE) in Indian history. One source is the archaeological sites and material culture including pottery, plant remains and metal objects. The other is Vedic literature. There are no written documents for this period, since the Vedic texts were transmitted orally. At this point of time, people had not developed a script in India, except the symbols of the Indus script which are yet to be deciphered. Correlating the archaeological cultures and the information related to various groups of people from the Vedic texts is not an easy task. There are various theories on the identity of the originators of the Indus Civilization, and various other archaeological cultures. We are dealing with diverse cultures and communities with different modes of living in this space-time unit.

The Early Vedic culture is correlated with some of the Chalcolithic cultures of India, while the Later Vedic culture is correlated with the Painted Grey Ware Culture of the Iron Age in North India.

Unlike the age of Indus Civilization, when the urban sites and farming cultures were in a limited area, we notice cultural, agricultural and technological expansion and developments in many parts of India in this period accompanied by the growth of craft production and population. A strong cultural foundation was laid across India during this period, which finally culminated in the Early Historic period. The extensive foundations for the village settlements of India were laid during this period.

Literature of the Vedic Age

The Vedas (*Vid* = to know, *Vidya*) are one of the earliest known texts to have been composed in India. The language of the Vedas is described as Vedic Sanskrit. The Vedas are four: *Rig* is the oldest, and the others being *Yajur*, *Sama* and *Atharva*. The Vedic texts were memorized and orally transmitted by Brahmins from generation to generation. They were written down in the later period, after the introduction of writing. The earliest known written manuscripts of the Vedas date to the 10-11th century CE. They contain information about the polity, society, religion and philosophy, and hence they are a source for writing history.

The main collections of Vedic hymns are called *samhitas*. The *Rig Vedic-samhita* is the earliest text. The *Rig Veda* is dated to between 1500 and 1000 BCE. The *Rig Veda* contains 10 books. Books 2 to 7 are the earliest and the Books 1, 8, 9 and 10 are assigned to a later period.

Samhitas are ritualistic texts, and they explain the social and religious importance of rituals. Each *samhita* has added texts called *brahmanas*, which have commentaries on the hymns and rituals. Each *brahma* has an *aranyaka* (forest text) and an *upanishad*. The *aranyakas* contain mystical ritual instructions to be undertaken in secret by the sages who

live in the forests. *Upanishads* deal with philosophical enquiries.

The *Yajur*, *Sama* and *Atharva Vedas* are dated to a slightly later period. The *samhitas* of the *Sama*, *Yajur* and *Atharva Vedas*, and the *brahmanas*, *aranyakas* and *upanishads* attached to the Vedas are the Late Vedic texts. The *Sama Veda* was composed in musical notes which are considered to constitute the basis of Indian music. The *Yajur Veda* has rituals and hymns. The *Atharva Veda* contains charms and magical spells.

Zend Avesta

The *Zend Avesta* is a Persian/Iranian text of Zoroastrianism. This book speaks about the lands and gods of the people speaking the Indo-Iranian languages. It has references to the regions of northern and north-western parts of India. It has terms which show linguistic similarity with the Vedas. This text is an indirect evidence that the early home of the Aryans was outside the Indian subcontinent.

2.1 Pre-Aryan, Late Harappan and Chalcolithic Cultures of India

The Pre-Harappan cultures are the earliest Chalcolithic cultures of India, and they are found in the time before the beginning of the mature phase of the Harappan culture, and continued to exist in the later period. The other Chalcolithic cultures of India are more or less contemporary to this phase of Harappan culture and they continued even after its decline. Unlike the mature urban phase of the Harappan civilization, Chalcolithic cultures were pastoral and based on farming, generally rural in nature. They used copper and stone blades and pottery and also low grade iron in

the later period. Their settlements were sedentary or semi-sedentary. In the north-western and western regions of India, the early farming cultures are associated with the Chalcolithic cultures rather than the Neolithic cultures.

The Chalcolithic people also began to domesticate animals in addition to agriculture. They had cattle, sheep, pigs and goats and buffaloes. Evidence has been found of turtles and fowls in their settlements. The houses were made of stone, mud bricks, mud and perishable wooden materials, and built on a stone foundation. Silos (well prepared pits) meant for storage of grains have also been found. The walls were made with bamboo frames. People used black and red ware and black on red ware pottery.

These sites have produced a large quantity of copper objects. They used copper objects such as flat axes, bangles, rings, antimony rods, knives, blades, socket-less axes, barbed and tanged arrow heads, choppers and chisels.

Ochre Coloured Pottery Ware Culture

Ochre Coloured Pottery Ware culture is found in northern India dating to the Chalcolithic period. The OCP pottery has red slip and appears ochre in colour (the ochre colour comes off when the pottery is touched) and hence, it is called Ochre Coloured Pottery. It has black painted



Ochre Coloured Potsherds

designs. The OCP comes in the form of jars, storage jars, bowls, and basins.

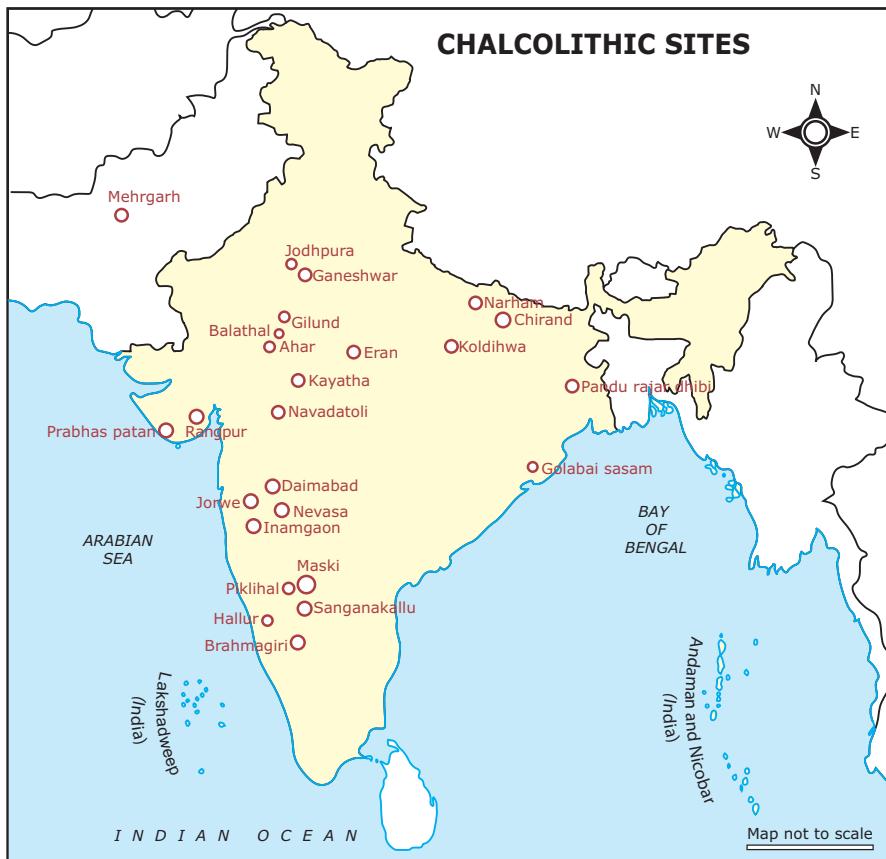
The OCP culture dates to 2600-1200 BCE and is found in the Indo-Gangetic plain and may have had some associations with early Vedic culture. The OCP culture is seen as an impoverished Harappan culture and some scholars see it as unrelated to the Harappan culture. The OCP sites produced copper figures and objects and therefore it is also known as "copper hoard culture." It is a rural culture and has evidence of the cultivation of rice, barley, and legumes. They also had pastoralism with evidence of cattle, sheep, goats, pigs, horses, and dogs. The villages had wattle-and-daub houses. They used copper and terracotta ornaments. Animal figurines have also been found.

Chalcolithic Cultures of South India

The southern part of India has not produced cultural evidence of a full-fledged chalcolithic culture. Perforated and spouted vessels have been found in some sites. Copper bronze tools like chisels and flat axes occur at these sites. Stone tools continued to be used in this area. Black on red ware pottery is found. These people survived through animal rearing and agriculture. Millets, pulses and horse gram were cultivated, and fruits, leaves and tubers were collected.

2.2 Iron Age in North India

The Iron Age in North India coincides with the painted Grey Ware culture. The painted grey ware is dated to from 1100 to 800 BCE. More than 1000 sites have been identified with painted grey ware pottery in northern India, with a major concentration in the Ganga-Yamuna valley. These ceramics succeeded the Black and Red Ware Culture in the eastern Ganga valley and Central India.



The pottery was fine grey in colour with painted geometric designs. The painted grey ware laid the foundation of the early political formations. It correlates with the Kuru-Panchala kingdom known from the Vedic texts. The Painted Grey Ware cultural phase is followed by Northern Black Polished Ware culture (NBPW), which is associated with the Mahajanapada and Mauryan periods.

The Painted Grey ware sites reveal the development of agriculture and pastoralism, and the settlements of this period grew in dimension. They show a large scale population increase in the northern part of India. The Iron Age in North India was coeval with Painted Greyware Culture, and in South India it was associated with Megalithic burial mounds.

2.3 Megalithic/ Iron Age in Tamilnadu

The burial system followed by the people of Neolithic period continued into the

Megalithic period. A circular tomb using big stone slabs built upon the place of burial is known as a megalith. Such megaliths have been found in many parts of Tamilnadu. The urn burial system was another type of practice and is evidenced in Adichanallur (present Thoothukudi district). Black-ware is peculiar to burial sites in Tamilnadu. Interestingly, black-ware is found mostly in burial mounds and not in human habitations. In a majority of urn burials, the use of stone is almost non-existent. However, urn burials are grouped under megalithic because the materials - the pottery, iron objects, beads of semi-precious stones kept in them - are identical to those found in the stone burials.

The end of Megalithic burial practice is assigned to third-second centuries CE. During this period Brahmi writing akin to Ashokan Brahmi has been discovered in Kodumanal (Erode District). There is also evidence of the megalithic tradition continuing into later centuries. During the Sangam period people still remembered urn burials. The four primitive hero-stones with

Tamil Brahmi inscriptions, datable to third to second centuries BCE found in the upper part of the Vaigai valley, support the authenticity of the hero stone tradition described in the Sangam Tamil literature in the context of cattle raids. Scholars infer, based on such evidence, that some of the Sangam poems could be assigned to the early first century BCE or a little earlier. The tradition of erecting hero stones in memory of dead warrior-heroes is considered to be an extension of the menhir type of megalithic tradition. Menhirs, upright monumental stones, and dolmens made of big slabs or boulders are megalithic tombs found in Tamilnadu.

Black and red ware, along with partial human remains and iron objects, were unearthed recently at Vadamalkunda in Krishnagiri, Tamilnadu. A few stone slabs were also found at the site. A centuries-old menhir at Singaripalayam excavated near Kundadam in Tiruppur district points to the existence of an ancient settlement along the banks of River Uppar.

2.4 Megalithic Sites in Tamilnadu

Adichanallur

Adichanallur, 22 km from Tirunelveli, is located in Thoothukudi district. In 1876, a German ethnologist and naturalist,

Andrew Jagor conducted an excavation at Adichanallur. He carried with him samples of backed earthenware, utensils of all sizes and shapes, a considerable number of iron weapons and implements, and great quantities of bones and skulls. These are now housed in a Berlin Museum.



Burial Site-Adichanallur

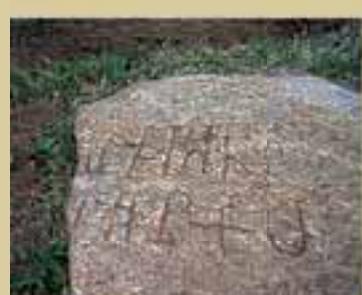
The then district Collector of Tirunelveli A.J. Stuart and the famous linguist Bishop Robert Caldwell visited Adichanallur subsequently, found it was a quartz site. Quarrying was immediately banned and archaeological excavation commenced under the supervision of Alexander Rea. Rea prepared a comprehensive account of his findings, illustrated by photographs, and was published in the annual report of the Archaeological Survey of India (ASI), 1902–03. Nearly a hundred years later, the ASI carried out another excavation and brought out more information. The report is awaited.



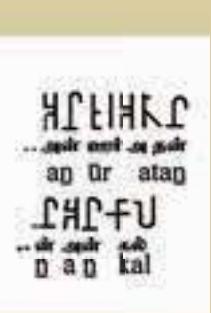
Dolmen-Mallachandram



Menhir - Kumarikalpalayam- Tirupur



Tamil Brahmi inscription on a hero stone-Puliman Kombai



The burial mound at Adichanallur yielded the following:

- Urns and pottery of various kinds in large numbers.
- Iron implements, including spades and weapons (daggers, swords, spears and arrows). Some stone beads and a few gold ornaments
- Bronze objects representing the domestic animals such as buffalo, goat or sheep and cock, and wild animals like tiger, antelope and elephant.
- Traces of cloth and wood.

The engraving of animals on bronze and on ornaments is indicative of the primitive workmanship. (Caldwell could stumble upon a copper bangle during his inspection at the site.) The people were evidently skilful in moulding pottery, in casting or brassing metals, in weaving and in working stone and wood. The presence of husks of rice and millet indicates domestication of these grains. Iron weapons were used for both war, and for animal sacrifices. The discovery of sacrificial implements prompted Caldwell to conclude that the people of Adichanallur were not adherents of Vedic religion.

Paiyampalli

Paiyampalli is a village in Tirupathur taluk, Vellore district. The Archaeological Survey of India carried out an excavation in the 1960s and unearthed black and red ware pottery in this megalithic site. A large number of urn burials were also found in this region. The date of this culture, based on radio carbon dating, is 1000 BCE.

Kodumanal

Kodumanal, 40 km from Erode, is located on the northern bank of Noyyal river, a tributary of the Cauvery. A series of excavations were carried out during

the 1980s and 1990s. The most recent was in 2012. In habitation trenches and megalithic burials of Kodumanal, the goods unearthed included pots, weapons, tools, ornaments, and beads, particularly carnelian, akin to those found at Mohenjodaro. Since carnelian was not known to this region in ancient times, it may have been brought to Kodumanal from outside.



Burial Site - Kodumanal

In the Sangam work Pathitrupathu, a place called Kodumanam belonging to the Chera king, is praised for gemstones and therefore some archaeologists argue that Kodumanam is the ancient name of Kodumanal. Hoards of Roman coins have been discovered and it is believed that this is a result of the export of gemstones to the Roman world, resulting in return a huge inflow of gold from the latter into the region.

Conches and bangles, remnants of furnaces, a kiln floor filled with ash soot, and potsherds with Tamil-Brahmi inscriptions are other finds in the site. Pit burials, urn burials and chamber tombs of different types excavated at Kodumanal and the names inscribed on potsherds may indicate habitation by multi-ethnic groups. The graffiti etched on potsherds give a lot of information about the people and their activities. A menhir found at a burial site is assigned to the Megalithic period. According to Y. Subbarayalu, Kodumanal is coeval the Sangam anthologies (second century BCE to second century CE).

2.5 The Aryans and Rig Vedic Society

So far we have considered the Late Harappan Cultures, Chalcolithic and Painted Grey ware Cultures. Let us now turn to the evidence from the Vedic texts, which, unlike the archaeological evidence that tell us only about the material culture, throw light on the ethnic and cultural identities of people. Because of the references found in the Vedas, the Aryan question is one of the important issues concerning the early history of India.

The Aryans

The attempt to write a history of India began when the Europeans colonised India. They compiled the archaeological and literary sources, as well as oral traditions. Certain notions, for example the Aryans, were developed and used in the colonial context, when many parts of Asia and Africa were under the influence of the European powers. The concept of race was widely prevalent at that time to classify and categorize people. Some of the views reflect the racist ideas of colonial times. The Aryan theory was linked to the blue-eyed white race and its connection with Europeans. Nazis used the Aryan concept for their political agenda, ultimately leading to the Holocaust. The recent studies have established that the word Aryan does not denote race, but only refers to the original speakers of Indo-Aryan languages.

Philologists study language in oral and written forms of languages based on historical evidence. They use etymology, comparative linguistics, literary criticism, history, and linguistics in their studies.

Though the *Rig Veda* is in Sanskrit, about 300 words of the Munda and Dravidian languages have been identified in it, suggesting cultural mix with earlier inhabitants.

From the Vedas it is evident that Aryans used domesticated horses and chariots. Their chariots had spoked wheels and they used bows and arrows. They practiced agriculture and pastoralism. They buried and also cremated the dead. The cult of fire and the use of soma drink were prevalent among the speakers of the Indo-Aryan languages.

The home of Indo-Europeans and Indo-Aryans is still a matter of debate. Many scholars are of the view that the Aryans came to India as migrants from Central Asia. It is also believed that several waves of Indo-Aryan migration might have happened. There are several factors which support this hypothesis. The traits of the culture of Aryans cover Eastern Europe and Central Asia which is geographically interlinked with India and West Asia and Europe. One of the accepted areas of the Aryan home is Eastern Europe-Central Asia, north of the Black Sea. The Bactria-Margina Archaeological Complex is closely related to Aryan culture dated to 1900 BCE–1500 BCE. Ceramics of South Central Asian archaeological sites resemble those found in the Swat valley.

References to the names of Indo-Europeans languages are found in an inscription dated to 2200 BCE discovered in modern Iraq. Anatolian inscriptions of 1900-1700 BCE and Kassite inscriptions of 1600 BCE (Iraq) and Mittani inscriptions of 1400 BCE (Syria), Bhogaz Goi inscriptions referring to names similar to the Vedic gods (1400 BCE) have the common features of the Indo-European languages, but no such inscriptions are found in India.

The term *asva* and several other terms in *Rig Veda* have common roots in various Indo-Aryan languages. In the *Rig Veda*, the term *asva* (horse) occurs 215 times and *vrishabha* (bull) 170 times. Tiger and rhinoceros, which are tropical animals, are not mentioned in the *Rig Veda*. There is no trace of the urban way of life in the

Rig Veda. Hence, the identity of Aryans is not correlated with the Harappan culture, where there is no evidence for horse. Nowadays, DNA studies are also used for understanding ancient migrations. M17 a genetic marker (DNA) is said to have been found among the speakers of Indo-Europeans.

2.6 Rig Vedic Culture

Rig Vedic Samhita is the earliest text that relates to the Early Vedic period. The Early Vedic culture is placed between 1500 BCE and 1000 BCE. The political, social and economic aspects of life of this period are reflected in the Rig Vedic hymns.

Geography

In the Indian subcontinent, the early Aryans lived in the area of eastern Afghanistan, Pakistan, Punjab and fringes of Western Uttar Pradesh.

Dasas and Dasyus

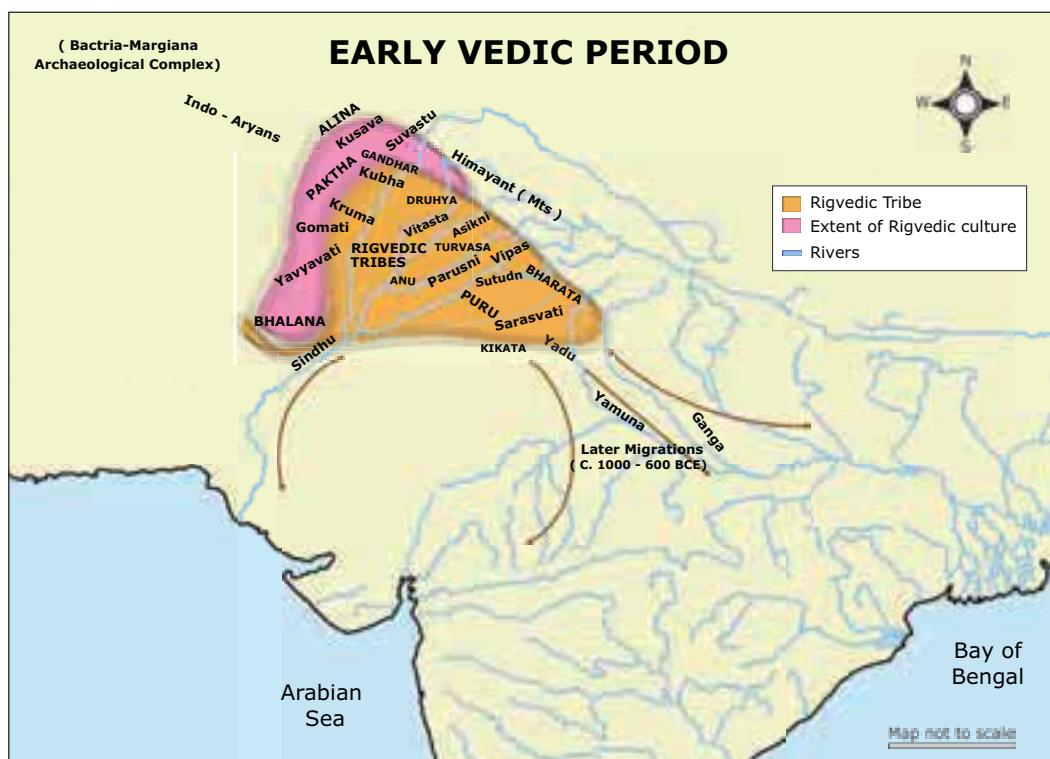
The Rig Vedas speak about not only the Aryans, but also about the non-Aryan

people, whom the Aryans encountered in India. When the Rig Vedic people moved into India they came into conflict with people whom they referred to as *Dasyus* or *Dasas*. Evidently the Aryans differentiated themselves from the dark native people who had different cultural practices, and sought to maintain their distinction.

The Rig Veda has references to several other groups. Simyu and Kikata are grouped with the *dasyus*. Sambara son of Kulitara is mentioned as a chief with 90 forts or settlements. Varchin was another chief with many troops. The *Rig Veda* mentions the defeat of a chief called Sambara by Divodasa of the Bharata clan.

Polity and Political Clashes

The concept of polity developed in the Rig Vedic time. Various units of habitation and divisions such as the *janas*, *vis*, *gana*, *grama* and *kula* are referred to in the *Rig Veda*. The Vedas speak about the Aryans and their enemies and the battles they



fought with them. The battles were fought more for cattle and material wealth and the war booty acquired was shared. They not only fought with the non-Aryans, but also fought among themselves. They invoked the support of the gods in their battles. They strongly believed that prayers, sacrifices and rituals could offer support in their mundane life. The god Indra is called *Purandara*, which means destroyer of settlements, which were perhaps fenced or planned townships.

The term Jana means tribe.

The Bharatas and Tritsu were the ruling Aryan clans who were supported by Vasishta, the priest. The region of India was named Bharata Varsha after the tribe of Bharatas. The Bharata clan was opposed by ten chiefs and five out of them were Aryans. This battle was known as the Battle of Ten Kings. The battle took place on the banks of the river Paurushni, identified with the river Ravi. In this battle, Sudas won and he became important leading to the dominance of Bharata clan. The Purus were one of the defeated clans. The Purus and Bharatas formed an alliance and later they formed Kuru clan. Later the Kurus allied with Panchalas and established their control over the Upper Ganga Valley.

Social Divisions

The Vedic people distinguished themselves from the non-Aryan people. Varna was the term used by Aryans to refer to colour and category. The *Rig Veda* refers to Arya varna and Dasa varna. The Dasas and Dasyus were conquered and treated as slaves. They came to be considered sudras in the later period. Social classes were classified as warriors, priests and common people. Sudras as a category of people appeared at the end of the *Rig Vedic* period. Slavery

was common and slaves were given as gifts to the priests, but there is no reference to wage labour. Horse-drawn chariots and bronze objects were possessed by a few, suggesting social distinction. Vedic society was largely egalitarian initially, and social distinctions emerged later. According to the *Purusha Sukta* of the *Rig Veda* the various varnas emerged thus: Brahmanas from the mouth, the kshatriya from the arms, the vaisya from the thighs and the sudra from the feet of *Purusha*, when he was sacrificed. These social divisions are considered to have arisen towards the end of the early Vedic period. Various professional groups such as warriors, priests, cattle-keepers, farmers, barbers are also mentioned. *Panis* were itinerary traders or perhaps caravan traders. *Panis* are also seen as enemies in some verses.

Tribe and Family

Kinship was the basis of the social structure of Rig Vedic society. People were identified with specific clans and the clans formed the tribe or *jana*. The term *jana* occurs in the *Rig Veda* 21 times but *janapada* does not occur even once. The term *vis*, which refers to the common people, occurs 170 times and they lived in *gramas* (villages). The family (*griha*) was the main social unit within the tribe. It was headed by the *grihapati* and his wife was known as *sapatni*. And the family at that point of time was perhaps a joint family.

Women

Women had a respectable position but it is not possible to generalise about this. Society was essentially patriarchal with a preference for male children and cattle. The birth of a son was preferred perhaps because of the martial nature of the society, which required male members for their clashes to establish dominance

over the territories. Having ten sons was considered as a blessing. Women attended assemblies and offered sacrifices. Marriage was common but primitive practices were also continued. Polyandry seems to have existed, and widow remarriage was also known. People married at the age of 16–17, according to scholars, and there is little evidence of child marriage.

Economy: Agriculture

Archaeological evidence points to the development of agriculture among the Rig Vedic people. The ploughshare is mentioned in the Rig Vedas. The field was known as *kshetra* and the term *krishi* referred to ploughing. The terms *langla* and *sura* referred to plough and the term *sita* meant the furrow created by ploughing. Water for irrigation was probably drawn from wells by cattle-driven water-lifts using pulleys. They had knowledge of different seasons, sowing, harvesting and thrashing. They cultivated barley (*yavam*) and wheat (*godhuma*).

Pastoralism

Cattle rearing was an important economic activity for the Aryans, although they practiced agriculture. Cattle were considered wealth. The term for war in the Rig Veda was *gavishthi* which means search for cows (which is the contemporary term (*goshti*) for factions as well). The donations to the priests were mainly cows and women slaves but not land, which reveals the importance of pastoralism. There was no private property in land.

Craft Production

The Rig Veda mentions artisans such as carpenters, chariot-makers, weavers and leather-workers. Copper metallurgy was one of the important developments of this period. The term *ayas* in the Rig Veda refers to copper and bronze.

Karmara, smith, is mentioned in the *Rig Veda*. Likewise, there are references to *siri* or yarn, indicating spinning which was done by women and to carpenters, *takshan*. Weaving of clothes of wool is also referred to and obviously it was necessary in the cold weather. Some of the crafts were fulltime crafts, involving specialists.

Trade, Exchange and Redistribution

Trading activities were limited though traders were present during the Early Vedic period. Panis are referred to as traders and they were perhaps caravan traders. The word *pan* means barter, which was a mode of exchange. Nishka was a gold or silver ornament used in barter. A priest received 100 horses and 100 *nishka* as fee for sacrifices. The *danas* and *dakshinas* offered to people were means of redistributing resources. The *dakshina* was both a fee for a specific service and also a means of distributing wealth. The distribution of cows helped spread pastoral activities and economic production.

Transport

Bullock carts, horses and horse-drawn chariots were used for transport. There are references to the sea (*samudra*) and boats (*nau*). Boats driven by 100 oars are mentioned.

Polity and Administration

The polity of the Rig Vedic period was that of a tribal society. The chief of the tribe was the main political head and he was called *rajan*. The kings lived in multi-pillared palaces. They offered gifts of cattle, chariots and horse ornaments and gold to the priests. *Rajan* was a hereditary chief. He was perhaps elected by the

assembly called *samiti*. The main duty of the king was to protect the tribe. He protected wealth, fought wars, and offered prayers on behalf of gods. The king had authority over the territory and people.

Vedic society was militaristic. Bows, daggers, axes and lances were the main weapons of war. Tributes and booty collected from war were redistributed by the king. There are also references to gift of *dasas* or slaves. The king Trasadasyu, the chief of the Purus, gave away 50 women as a gift. The chief was known as *gopa* or *gopati* which means, chief of cattle.

The assemblies called *sabha*, *samiti*, *vidhata* and *gana* are mentioned in the *Rig Veda*. *Sabha* was the assembly of elders or the elites, *samiti* was an assembly of people, and *vidhata* was the assembly of tribe. They performed military and religious functions. Women attended the *sabhas* and *vidhatas*. The king sought the support of the *samiti* and *sabha* for his activities. There are debates about the exact nature of these assemblies and functions. Most of our understanding of the conditions of Vedic society depends upon the interpretations of various terms. Sometimes it is hard to reconstruct the original meaning.

The *purohita* or priest offered advice to the king. Vedic priests advised the kings, inspired them and praised their deeds. In turn they received rewards for their services. *Senani* was the chief of army. There is no evidence of tax collecting officers. Perhaps people made voluntary contribution called *bali* to the king. Some scholars say that *bali* was an imposed tax, and not voluntary. There is no reference to the administration of justice. The officer who controlled the territory was called *Vrajapati*. He helped the *kulapas* or heads of fighting groups called *gramini*. *Gramini* was the head of the village and fighting unit.

Vedic Religion and Rituals

Religion and rituals played an important role in Vedic society. In the Rig Veda, the natural forces sun, moon, rivers, mountains and rains were defined as divinities. The religion was naturalistic and polytheistic. Indra was the most important god and he was called Purandara. *Agni* was seen as intermediary between god and people. *Surya* was a god who removed darkness. *Ushas* was the goddess of dawn. *Aditi*, *Prithvi* and *Sinivali* are other goddesses.

Varuna, the god of water was next in importance. This god was the upholder of natural order. *Soma* was the god of plants and the drink was named after him. *Soma* drink was part of the ritual and the preparation of this intoxicating drink is explained in many hymns. *Maruts* was the god of strength. Interestingly there are few references to *Rudra* or *Siva*.

Rituals were adopted as a solution to many issues and the problems of day-to-day life and thus the priests had an important role in the society.

Characteristics of Society

In the early Vedic period lineage and tribes constituted society, and the king had limited power. The various tribal groups of Aryans and non-Aryans fought to control the territories. Social divisions did not take deep root, although the concept of varna and Aryan identities existed. Pastoralism was predominant and cattle centred clashes were common, although agriculture did play an important role. The archaeological sites suggest different types of craft production including metal, carpentry, pottery and clothes.

2.7 Later Vedic Culture

The Later Vedic culture is dated to the period between 1000 BCE and 700–600 BCE. The Painted Grey Ware Culture of

the Iron Age, which has been identified by archaeologists at many excavated sites, is associated with the Later Vedic culture. This period witnessed political, social, economic complexity and developments.

The Late Vedic Texts

The Later Vedic texts were composed after the *Rig Veda Samhitas*. The *Yajur*, *Sama* and *Atharva Vedas* were composed after the *Rig Veda*.

Eastward Expansion of the Aryans

The Aryan speakers expanded from the Punjab to Western Uttar Pradesh in the Ganga Yamuna doab in the Later Vedic period. The history of ancient India was thus marked by the movement of cultures, and interactions and battles among various groups for territories and resources. It has been suggested that while the Aryans migrated to the region of eastern part of the Ganga valley, the Indo-Iranians migrated from the region of Iran to the region of Punjab. The later Vedic texts speak about the region of Kuru Panchala which falls in the Indo-Gangetic divide and the Upper Ganga Valley. The area mentioned as the south-eastern boundary of the Aryans in Rig Veda is listed in *Aitreya Brahmana* as the midland, which indicates the movement of Aryans into the Ganga valley in the Later Vedic period. Perhaps this expansion was induced by the need for water and land resources, fresh, less occupied territories and population pressures.

The Kurus, Panchalas, Vashas and Ushinaras are the tribes of this period. References to the Saraswati and Dhristavati rivers occur in the later Vedic texts also. Around 1000 BCE, the Vedic Aryans moved towards Kosala region in eastern Uttar Pradesh and Videha in North Bihar,

where the Vedic people encountered the local people following Chalcolithic material culture. In the Upper Ganga valley, the Vedas acquired Munda words indicating that Munda speaking-people lived in the Ganga valley. The region of Kosala and Videha were the easternmost territories of the Aryan expansion during this period. By the end of the Vedic period Panchala and Videha were Aryanised. The area beyond this region in the east was seen as an alien territory. In the *Atharva Veda*, the people of Anga and Magadha (Bihar) were seen as enemies. Similarly, the Pundras of Bengal and the Andhras were seen as outside the Aryan identity in the *Aitreya Brahmana*. This suggests that these regions were not influenced by Aryan culture. What we gather is that the process of Aryanization gradually spread from the north-west to the south-east mainly into the Ganga Valley.

Later Vedic Culture and Iron

Iron was an important metal used for implements in this period. It was called *syama-ayas* or *krishna-ayas* or the dark metal. Iron is believed to have played an important role in the conversion of the forests of the Ganga Valley into agricultural lands. By the end of Vedic period, the knowledge of iron had reached eastern Uttar Pradesh and Videha. Earlier it was believed that iron originated around 700 BCE, but recent research dates the beginning of iron to around 1200 BCE or even earlier. The early views gave excessive emphasis to iron to the colonization of the Ganga Valley, but new scholarship argues that iron was not the only factor behind the expansion of the population.

Settlements and territories

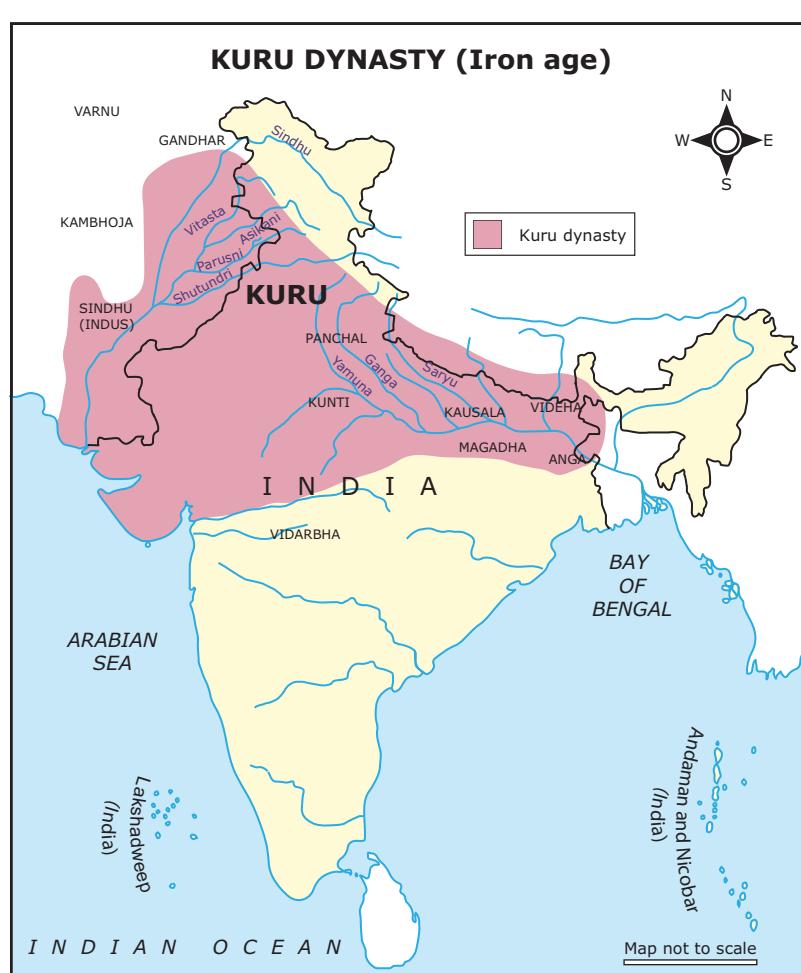
With the intensification of agriculture, the Later Vedic people led a settled life leading to formation of territorial units. The term *janapada*, referring to territory, is found in

the *Brahmanas* dated to ca. 800 BCE. There are more than 1000 sites of painted Grey Ware culture in this area, suggesting that new settlements came up and the Upper Ganga Valley was densely populated. People lived either in mud-brick houses or houses with wattle and daub walls. The foundations for the towns must have emerged during the later Vedic period. This was a period of intense interactions. The term *nagara*, referring to commercial quarters, is found in the later Vedic texts. However, large towns appeared only at the end of the Vedic period. The sites of Hastinapura and Kausambi are considered proto urban (urban-like) settlements. The material culture of this period shows more diversity and is an improvement over the Early Vedic period. It can be surmised that there was surplus production to support various classes such as chiefs, princes and priests.

Political Organization

In the Early Vedic Age tribal polities were dominant. The king was elected by assemblies. In the Later Vedic period the assemblies became less important and the power of the king increased. The influence of assembly called *vidhata* disappeared, while *samiti* and *sabha* continued in the period. The development of large kingdoms reduced the power of the assemblies.

The Rajan was the leader who led the army in the battle. The concepts of *Samrat/Samrajya* developed and they suggest the increase in the power and ambition of the king. The legitimization of kingship became important with the performance of various sacrifices such as *vajapeya* and *rajasuya*. The king developed more control over the territory, people and resources. *Purohita*, which means



'one who places the king in the forefront', became important in the establishment of polity and kingship. Monarchy developed. The Rajan became the controller of the social order. *Srauta* sacrifices (sacrifices to achieve some benefits) were carried out to control the resources. The kings presented cows, horses, chariots, gold, clothes and female slaves to the priest. The *Aitreya Brahmana* says that king has to provide 1000 pieces of gold and cattle to the Brahmana who anoints him. Thus the priest became important in the formation of polity and royalty.

The terms such as *rashtra*, to denote a territory, and *rajya*, meaning sovereign power appeared. The king received voluntary or compulsory contribution called *bali* from the people (*vis*). Such voluntary contributions became tributes. The Mahabharata offers clues to historical development and is suggestive of the power struggle to control the territories. The *Ramayana* too is suggestive of the Aryan expansion and the encounters with native people in the forest.

The territorial formations and the development of lineages became stronger during the Later Vedic period. Romila Thapar characterises the developments in the first millennium BCE as the movement from lineage to state. The development of state level political organization emerged only after 500 BCE, and the Later Vedic society was therefore in transition. Several lineages became more territorial and settled in the Later Vedic Age. This is evidenced by the term *janapada*, as we saw earlier. The mid-first millennium BCE had political organisations such as *rajya* and *ganasanghas* (oligarchies) and these institutions developed in the later Vedic period.

Lineage is a group of people descended from a common ancestor.

As we saw earlier, the clans of Bharatas and Purus combined to form the Kurus, and along with the Panchalas they occupied the central part of the Ganga-Yamuna doab. Panchala territory was in north-western Uttar Pradesh. The Kuru-Panchalas became one major ethnic group and Hastinapur became their capital. The war between the Kauravas and Pandavas was the theme of the Mahabharata and both of them belonged to the clan of Kurus. Traditions say that Hastinapur was flooded and the Kuru clan moved to Kausambi near Allahabad.

Sacrifices and rituals gained importance in the Later Vedic society. The king became more independent. Rituals dominated kingship, and this increased the power and influence of the *Rajanyas* and the *Brahmanas*, while distancing the king from the *vis*. The *Asvamedha-yaga* involved letting a horse loose into areas where it moved freely; this was an assertion that the authority of the king was recognized, and a battle ensued when the horse was challenged. The *vajapeya* ritual involved a chariot race. Such innovative modes of rituals helped to increase the power of the king. The formation of social, distinctions became prominent.

Social Organization

The social transformation in the Later Vedic Period is much more clearly reflected in the references in the Vedic texts. The social divisions of *varna* became more established. Teaching was seen as the occupation of the Brahmanas. The wives of Brahmanas and cows were given important status. *Rajanya* refers to *kshatriyas* and they were the warriors and rulers who received *bali* as tax.

Striking changes took place in the *Varna System*. There was an increase in the privileges of the two higher classes, the Brahmanas and the Kshatriyas at the cost of the Vaisyas and Sudras. In the *Panchavimsa*

Brahmana, the *Kshatriya* is placed first, higher than the *Brahmana* but in the *Satapatha Brahmana*, the *Brahmana* is placed higher than *Kshatriya*. In later Vedic society the importance of the *purohita* (priest) is stressed, as mentioned in the Vedic texts. The *Kshatriyas* challenged Brahmanical supremacy and their exclusive privilege of entering the *asramas*, a regulated four stage life namely *brahmacharya*, *grihasta*, *vanaprastha* and *sanyasa*. The outcome of this was the birth of Jainism, Buddhism and Ajivakam.

The system of four *Varnas* had taken deep root and became rigid in the course of time. The popularity of rituals helped the *Brahmanas* to attain power. *Brahmanas* became important and the kings supported them, although they had conflicts with *Rajanyas*, the warrior nobles. The concept of *dvija* (twice-born) developed and the *upanayana* (sacred thread) was limited to the upper sections of the society. This ceremony marked the initiation for education. The fourth varna was denied this privilege and the *Gayatri* mantra could not be recited by the *Sudras*. Women were also denied *upanayana* and *Gayatri* mantra. The king asserted his authority over the three varnas. The *Aitreya Brahmana* refers to the *Brahmana* as the seeker of support and he could be removed by king from his position.

Certain craft groups managed to attain higher status. For example, the *Rathakaras*, the chariot makers, had the right to wear the sacred thread. *Vaisya* referred to the common people. They were involved in agriculture, cattle breeding and artisans. Later they became traders. *Vaisyas* paid tax to the kings. Some social groups were placed in ranking even below the *Sudras*. However, cross varna marriages did happen.

The idea of *gotra* emerged in the later Vedic period. *Gotra* literally meant ‘cowpen’ and it referred to a group of people from a common ancestor. Persons of the

same *gotra* were considered as brothers and sisters and could not therefore intermarry. Several unilineal descent groups existed with common ancestors. Several related clans formed the tribe.

Family

The household became more structured, which means it became more organised. The family was an important social unit. The family was patriarchal with patrilineal descent. The relations within the family were hierarchical. Polygyny (taking many wives) was prevalent. Several household rituals were also developed for the welfare of the family. The married man with his wife was the *yajamana*.

The concept of *asramas*, referring to various stage of life, was not well established in this time. While *brahmacharya*, *grihasta* and *vanaprastha* are mentioned, *sanyasa* had not developed.

Women

The status of women declined as the society became more structured and the patriarchal family became more important. In the family the father was the head. The right of primogeniture was strong. Though women had participated in rituals in the Rig Vedic period, they were excluded in the later Vedic period. Daughters are spoken of as a source of trouble. Their work was to look after the cattle, milking animals and fetching water.

Economy

The economic activities of this period were quite diversified. Agriculture, pastoralism, craft production and trade contributed to the economic development.

Agriculture

Agricultural activities increased during the Late Vedic period. The *Satapatha Brahmana* mentions rituals related to ploughing

undertaken by the kings. This suggests the importance given to cultivation by the rulers, and the shift to agriculture to support the increasing population. The god Balarama is depicted with a plough, which suggests the importance of cultivation. The Vedic people cultivated barley and rice, and wheat. Wheat was the staple food of Punjab region. The Vedic people began to use rice in the Ganga-Yamuna doab. The use of rice, rather than wheat, is noticed in the Vedic rituals.

Pastoralism

Pastoralism continued to be important. Cattle were considered sacred. They became part of exchange and redistribution. The offering of cattle as part of *dakshina* continued. Pastoralism supplemented agriculture.

Craft Production

Arts and crafts proliferated during the Later Vedic age and craft specialization took deep roots, when compared to early Vedic period, since more occupational groups are mentioned in this period. Evidence of iron work is noticed from about 1200 BCE. Metals such as copper, tin, gold, bronze and lead are mentioned. These metals were smelted and worked by specialized groups. The copper objects were used for making weapons for war and hunting. Weaving was undertaken by women. Leatherwork, pottery and carpentry were well known. Terms such as *kulala* referring to potters and *urna sutra* referring to wool appear. Bow makers, rope makers, arrow makers, hide dressers, stone breakers, physicians, goldsmiths and astrologers are some of the specialized professional groups mentioned in the texts. Professions such as physicians, washerman, hunters, boatman, astrologer and cook are mentioned. References to the elephant are often found in the *Atharva Veda*, along with the elephant keeper.

The increase in references to such groups indicates a society in transformation.

The performers of Vedic sacrifices were also a type of service providers. The priest played an important role in legitimizing the role of king through various rituals. Wealth was measured in terms of cattle and animals. There is a mention of offerings of 20 camels, 100 gold necklaces, 300 horses and 10,000 cows as *dakshina*.

Trade and Exchange

Trade and exchange had developed in the Later Vedic age. The material culture found in the archaeological sites reveals the movement of commodities and materials. Specialised caravan traders existed. No evidence of coins has been found and therefore barter must have been the medium of exchange. The introduction of coins took place after about 600 BCE.

Religious Faith and Belief System

During the Later Vedic period the upper Ganga Doab was the centre of the Aryan culture. This region is described as the land of Kuru-Panchalas. The Vedic gods Agni and Indra lost their importance. Prajapati became the main deity. Rudra, the god of rituals, identified with Siva, became important. The Satapatha Brahmana lists the names of Rudra as Pasunampati, Sarva, Bhava and Bahikas. Vishnu was conceived as the protector of people. There is no reference to Vishnu's incarnations. Each varna had its own deities.

Rituals

Rituals became important in society. It was believed that rituals and sacrifices could solve many problems. The rituals became more complex, required more resources, and took longer time. This indirectly reflects the demand



for rituals and the formation of elite groups who could spend more resources on rituals and sacrifices. The correct performance of rituals was stressed. Stress was laid on paying dakshina. Numerous rituals were prescribed for solving all kinds of day to day problems. The resort to rituals and sacrifices as a solution for problems led to the view that material wealth could achieve anything. The ideas in the Upanishads argue against such a view, and stress the importance of realising the *atman* or inner self. Such degeneration of rituals and the material-oriented nature of the priests created dissension and led to the development of heterodox faiths such as Buddhism and Jainism which emphasized correct human behaviour and discipline.

Philosophy and Education

The disciplines of philosophy, literature and science developed in this period. Various branches of learning such as literature, grammar, mathematics, ethics and astronomy developed. Education was limited to males. Teacher-pupil relationship was cultivated through person-oriented training. The development of Vedic texts and the importance given to pronunciation, grammar and oral transmission suggest training in utterances and memorization, as part of the Vedic system of education. The development of various types of texts could be considered as developing solutions for certain mundane issues and a quest for knowledge. Araynakas are concerned with priests who were in the forests.

Upanishads (which means to sit nearby) texts with philosophical enquiries, were composed during this period. They were also referred to as *Vedanta*, since they were attached as the last part of the Vedic texts.

Satyameva Jayate is from Mudaka Upanishad.

They lay stress on knowledge and the realization of the self or *atman* and *Brahman* (the Supreme Being), meditation, cycle of birth and death. They convey the ideas of karma, and good conduct, self-restraint, mercy and generosity as virtues. Despite the ritual dominated aspects of Vedic life, some seers were in pursuit of knowledge and virtuous conduct.

 Dara Shukoh, the Mughal prince, translated the Upanishads into Persian in 1657, much before the colonial scholars developed any interest in ancient Indian literature.

Other aspects of Life

The Late Vedic culture has evidence of music and fine arts. Music instruments such as lute, flute and drum are referred to in the texts. With the development of cultivation and pastoralism, different types of food and drinks made of grains, milk and ghee and plants were consumed. Evidence of the use of silk and ornaments of metal, gold and copper is found. Metal mirrors were also used. The archaeological sites have uncovered beads and ornaments and the fabrication of glass beads was also developed in the later part of the Vedic period.

Characteristics of Later Vedic Society

Later Vedic period is marked by lineages of clans, and small kingdoms developed in many parts of the Ganga valley, leading to the development of the state after 600 BCE. The idea of janapada and rashtra as territorial units had developed. The raja wielded much power and the social divisions began to strike deep roots. The varna system had developed well and Sudra identity became more marked during this period.

SUMMARY

- After the decline of the Indus Civilization numerous cultures developed across north India. Copper, followed by iron, came to be widely used. Iron helped to expand areas of cultivation leading to agrarian surplus. As this facilitated feeding of more number of people there were greater instances of in-migration and population growth. The Late Harappan cultures suggest that some of the groups moved into eastern direction, after the decline of the Indus Civilization.
- The Chalcolithic culture, including the OCP cultures, flourished in different parts of India. People belonging to these cultures began to engage in pastoral as well as agricultural activities.
- The Aryans migrated to India around 1500 BCE. The Vedic texts form an important source of this period. Horses and iron are associated with the Aryans.
- The Rig Veda, the earliest text in Sanskrit, portrays the society and culture of the early Vedic period. The early Vedic culture was characterized by pastoral as well as agricultural practices. People worshiped nature in the form of deities such as Agni, Varuna and Surya.
- The Later Vedic period for which Yajur, Sama and Atharva Vedas are the source, evolved into a complex and rigid society. The four-fold division of the society, namely, Brahmana, Kshatriya, Vaishya and Sudra, became well established in this period. Social groups of the Later Vedic societies were organised into chiefdoms.

EXERCISE

I. Choose the correct answer

1. The main collection of vedic hymns are called
 - a) Brahmanas
 - b) Samhita
 - c) Aranyakas
 - d) Upanishads
2. The land of Upper Ganga Doab region was described as
 - a) Kuru-panchalas
 - b) Ganga valley
 - c) Indus valley
 - d) Videha
3. Adichanallur is situated in _____ district
 - a) Coimbatore
 - b) Tirunelveli
 - c) Thoothukudi
 - d) Vellore
4. Consider the following:
 - i) Senani - chief of the army
 - ii) Gramani - village head
 - iii) Bali - voluntary contribution
 - iv) Purohita - governor

Which one of the pair is incorrect?

- a) i
- b) ii
- c) iii
- d) iv



- 5.** Assertion (A) : There is no evidence of child marriage in Early Vedic period
 Reason (R) : Women had been excluded from rituals in the later Vedic period
 a) A and R are correct and R explains A
 b) A and R are correct but R doesn't explain A
 c) A is correct but R is incorrect
 d) Both A and R are correct

II. Write brief answers

1. List out the literature of Vedic Age.
2. Write about the *Zend Avesta*.
3. Highlight the position of women in the Early Vedic Age.
4. Who were the Rig Vedic Gods?
5. What do you know of the Iron Age in India?

III. Write short answers

1. Briefly describe the Chalcolithic culture of South India.
2. List out the geographical areas of Early Vedic Age.
3. Highlight the social divisions in the Rig Vedic period.
4. Analyse the characteristics of a pastoral society.
5. Distinguish between the early Vedic society and the later Vedic society.

IV. Answer the following in detail

1. Give an account of Ochre Coloured Pottery Ware Culture in India.
2. Discuss the Megalithic Iron Age Sites discovered in Tamilnadu.
3. Attempt an essay on the polity and administration of the Vedic age.

Activity

1. Prepare a scrap book on the recent excavations and the resultant findings in Tamilnadu.
2. Discussion on several viewpoints on Aryans and Dravidians.

GLOSSARY

ingots	- Molten bar of iron	- உலோக வார்ப்பிரும்புக் கட்டி
spouted vessel	- kettle like vessel	- நீண்ட மூக்குடைய பாத்திரம்
consensus	- widespread agreement	- கருத்தொருமித்த
oblation	- offering	- காணிக்கை; ஆகுதி
surmise	- guess	- ஊகம்
proliferated	- grow rapidly	- பல்கிப் பெருகி
mundane issue	- worldly problem	- அன்றாட வாழ்க்கைப் பிரச்சனை



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Lesson 3

Rise of Territorial Kingdoms and New Religious Sects

Learning Objectives

To acquaint the students with knowledge on

- migration of Aryans towards Ganges Plains and the use of iron technology
- second urbanization and emergence of Mahajanapadas
- socio-economic changes associated with changes in polity
- intellectual ferment and new consciousness stirred up by Buddhism, Jainism and Ajivikam
- heterodox faiths in the Tamil country



Introduction

Aryans began migrating eastwards from about 1000 BCE. As they moved eastwards, they encountered thick forests. Iron played a significant role in the clearing of the forest. The fertile soil of the Gangetic valley and the use of iron ploughshares improved agricultural productivity. Iron also played a big role in improving craft production such as pottery, carpentry and metal working. This in turn paved the

way for urbanization. In the meantime, a spirit of scepticism began to pervade questioning every custom and orthodoxy in the belief system in the society leading to rise of new ideas and faiths. Of the several competing alternate beliefs, only Jainism and Buddhism touched the hearts of the people. In this lesson we focus on the territorial identities and the new heterodox religious sects that emerged during this period.

Impact of Iron Technology: Differing Views

The movement of the Indo-Aryans towards the east was aimed at accessing the iron ore of south Bihar and gaining a near monopoly over it. The iron ore was responsible for the political dominance attained by the state of Magadha. -D.D. Kosambi.

Iron axes and iron ploughs led to the expansion of area under cultivation in the Ganges valley. -R.S. Sharma.

That the use of iron axe and iron plough facilitated clearing of forests and generation of agricultural surplus is a myth because even as late as 16th and 17th centuries the Gangetic plain was heavily forested. -Makkhan Lal.

The forests of Ganges region could have been cleared by means of fire. -A. Ghosh and Nihar Ranjan Ray.

Sources

The epics Mahabharata and Ramayana, the dharmasastras, Buddhist texts such as the Tripitakas and Jatakas, Jaina texts and Greek accounts such as that of Arrian constitute literary sources for the period. Archaeological excavations have corroborated the literary evidences.

- (i) Iron objects such as hoes, sickles, knives, hooks, nails, arrowheads, vessels and mirrors confirm the widespread use of iron technology.
- (ii) Textiles, beads, pottery, ivory objects, ceramics and glassware and artefacts of other metals are found.
- (iii) A large number of terracotta artefacts have also been found.
- (iv) Northern Black Polished Ware (NBPW), considered luxury-ware and “urban hallmark” have been excavated.
- (v) The towns were enclosed by a moat and sometimes they were fortified.
- (vi) Houses were built with mud bricks and in some cases with burnt bricks.
- (vii) Facilities such as drains, ring wells and soak-pits are found, confirming the second urbanisation in the Gangetic plains.

3.1 Developments in the Gangetic Plain

Agriculture improved during this phase of development in the middle Gangetic plains. Wet rice cultivation began to yield more produce of rice than other crops, thus creating the necessary agrarian surplus. Protected irrigation alone was not responsible for the surplus production of rice. Iron technology also played a crucial role. While it is debated whether iron axe aided clearing of the forests or whether iron

ploughshare increased agricultural yield, there can be no two opinions that it played a critical role in improving the production of artefacts. The impact of iron technology is better understood if one considers “the technical changes which the introduction of iron implements would have brought about in various craft activities”. Leisure time provided by agricultural surplus and technology led to growth of crafts, which in turn aided vibrant trade.

Second Urbanisation

Agricultural surplus, the growth of crafts and trade, and the growing population led to the emergence of towns in the Gangetic plains. This is called the second urbanisation in Indian history after the first urbanisation evident in the Harappan Civilization. Different types of towns came into being:

- (i) Political and administrative centres such as Rajgriha, Shravasti, Kaushambi and Champa
- (ii) Centres of trade and commerce such as Ujjain and Taxila
- (iii) Holy centres such as Vaishali.



Vaishali

3.2 Janapadas to Mahajanapadas

The Later Vedic period (900–600 BCE) witnessed the transition from a tribal polity based on lineage to a territorial

state. The *janas* who migrated eastwards began to settle down in various regions. The loyalty of the people shifted from *jana* (tribe or clan) to *janapada* (territory). *Janapada* literally meant ‘the place where the tribe sets its foot upon.’ The *janapadas* fought with one another for resources and political dominance. Some *janapadas* extended their territories and brought various *janas* within their jurisdiction. Such *janapadas* grew into *mahajanapadas*.

Territory, people, government and sovereignty are important elements of a state. All these elements were found in some of the *mahajanapadas*. The *mahajanapadas* represented the emergence of territorial kingdoms that ruled over people (*jana*). The king headed the government aided by a centralised administration. The king was also the sovereign ruler. The king levied taxes out of agricultural surplus and redistributed it and ensured maintenance of law and order in a hierarchical society by

force and coercion. These features marked the formation of state in the Gangetic plains.

Sixteen Mahajanapadas

According to *Puranic*, Buddhist and Jaina traditions, there were sixteen *mahajanapadas*.

- | | |
|--------------|--------------------|
| 1. Gandhara | 9. Kuru |
| 2. Kamboja | 10. Panchala |
| 3. Assaka | 11. Matsya |
| 4. Vatsa | 12. Vajji (Vrijji) |
| 5. Avanti | 13. Anga |
| 6. Shurasena | 14. Kasi |
| 7. Chedi | 15. Kosala |
| 8. Malla | 16. Magadha |

The *mahajanapadas* are classified as *gana-sanghas* and chiefdoms based on the nature of their polity.



Gana-Sanghas

The proto-states of the Gangetic region were known as *janapadas* and comprised chiefdoms, republics and small kingdoms. Sixteen *mahajanapadas* find mention in the early texts. There were also *gana-sanghas* or oligarchies, which were centred on clans. The Vrijjis were one of the best known of the *gana-sanghas*, and Vaishali was their capital in the Mithila region. These kingdoms did not come under the single decision-making authority of a king but decisions were taken on a collective basis by the heads of the different clans together. There were also smaller kingdoms such as Kosala and Kasi. It is interesting to note that the names of the clans, such as Ikshvaku and Vrishni, as well as these early kingdoms, are all mentioned in the two epics, Ramayana and Mahabharata.

Monarchies or Kingdoms

The *mahajanapadas* on the Gangetic plains were all monarchies. Vedic orthodoxy was an established practice in these kingdoms. The priestly class enjoyed a preeminent status in the *mahajanapadas* unlike in the *gana-sanghas*. The kingdoms were governed by kings and the administration was centralised. The brahman priests provided legitimacy to the king through various rituals. The kingship was hereditary and the succession was in most cases based on the law of primogeniture. The king was assisted by councils called *parishad* and *sabha*. The councils were advisory in nature. The king appropriated the agricultural surplus through land revenue apart from a few other taxes. *Bali* was a tax imposed based on the area of cultivable land. *Bhaga* was obtained as a share of the produce. *Kara* and *Shulka* were some of the other taxes collected during this period. Thus the king raised revenue through taxes to maintain an

elaborate administrative structure and an army.

The richer landowners were called *grihapatis*. These landowners employed labourers called *dasas* or *karmakaras*. The smaller landowners were known as *kassakas* or *krishakas*. The society was stratified on the basis of *varna*. It emerged as a marker of status. Cultivators and artisans were identified as the *shudras*. A new social category that emerged during this period was placed below the *shudras* in the social hierarchy and considered untouchables. They were forced to live on the fringes of the settlements and subsisted on hunting and gathering their food. They were marginalised and given only menial jobs as urbanisation was on the rise. They had their own language, which was different from that spoken by the Indo-Aryans.

3.3 Emergence of Heterodox Thinkers

In the sixth and fifth centuries before the Common Era, north India underwent a remarkable intellectual awakening that profoundly impacted India and influenced its culture in subsequent millennia as well. The impact also swept across South Asia. This awakening was the outcome of questioning the existing philosophy by a host of heterodox thinkers. Gosala, Gautama Buddha, Mahavira, Ajita Kesakambalin and other thinkers renounced the world and wandered across the Gangetic plains, contemplating and reflecting on the social and cultural scenario of their times. It was not uncommon to see ascetics crisscrossing the Gangetic plains, propounding new ideas. The teachings of these ascetics addressed the needs of a rapidly changing society, which saw the emergence of new polity,

the coming into being of urban centres, development of crafts, and an increase in long-distance trade. These thinkers questioned the Vedic ideas of soul, mind and body, thereby paving the way for the rise of new religious sects. Even though all of them questioned the Vedic religion, there was rivalry among them. Eventually Buddhism and Jainism emerged as popular faiths.

Causes of Intellectual Awakening

Sixth century BCE was a period of intense intellectual ferment. There are several reasons for the emergence of this ferment.

1. State formation and the rigidity of the Vedic religion constrained the liberty of thought and action. A revolt against religious practice of following dogmas found its articulation in heterodox sects.

“When attempts are made to smother the intellectual curiosity of people, the mind of man rebels against it, and the inevitable reaction shows itself in an impatience of all formal authority and a wild outbreak of the emotional life long repressed by the discipline of the ceremonial religion”. -Dr. S. Radhakrishnan, the philosopher President of India.

2. The emergence of territorial identities accelerated the process of socio-political and economic changes. The elite class, disillusioned with the system in place, began to move in protest towards the heterodox religions blossoming in Magadha or middle Ganges plains.
3. As the Vedic religion was not fully organised, its reach did not permeate into the society and hence people did not find it difficult to follow the newly emerging religious sects.

4. With urbanisation and expansion of trade, new classes of merchants and bankers such as *sethis* sought higher social status appropriate to their economic status.
5. The grievance of Kshatriyas was that they were denied a staged life of ashramas, a privilege permitted only to Brahmins in the Vedic texts.

Heterodox Sects

The ascetic wanderers and teachers attracted groups of followers and established various sects. Their philosophies encompassed antinomian (belief that divine grace takes away the necessity of obeying moral law), materialist and fatalist elements. They were heterodox sects that rivalled the orthodox Vedic religion and many of them came into existence during this time. A Buddhist text, *Samannaphala Sutta*, while making a reference to Ajatashatru of Magadha meeting Gautama Buddha, mentions that before his meeting, the former had a philosophical discourse with the leaders of the various sects such as Purana Kassapa, Makkhali Gosala, Ajita Kesakambalin, Pakudha Kachchayana, Sanjaya Belatthiputta and Nigantha Nataputta (Mahavira). They are described as “homeless wanderers” of longstanding (*chira-pabbajito*), founders of sects (*tithakaro*) and leaders of their orders (*ganachariyo*). These sects were the key rivals of Buddhism. Their doctrines were shown unsatisfactory while that of Buddha was acceptable to Ajatashatru.

3.4 Ajivikas

The Ajivikas are believed to have evolved from one of the many ascetic groups of the times. According to Buddhist records, Nanda Vaccha was considered the founder of the Ajivika sect. He was succeeded by Kisa Samkicca, followed by Makkhali

Gosala, who was the third and the greatest of the Ajivikas. Gosala met Mahavira for the first time in Nalanda and their friendship lasted for six years. They separated due to doctrinal differences. Gosala then went to Sravasti, where he was patronised by a rich potter woman called Halahala. He believed in the doctrine of reanimation, and criticised and ridiculed the severe austerities of the Vedic ascetics. Being rival sects, both the Buddhist and Jaina accounts portray Gosala as a person of vicious character. Sravasti was the headquarters of the Ajivika sect. The Ajivikas were naked ascetics. The basic principle of the Ajivikas was *niyati* or fate: they believed that nothing in this world could be changed as everything was predetermined. Everyone has to pass through a series of transmigrations to put an end to pain. According to Ajivikas, there were six inevitable factors in life, viz. gain and loss, joy and sorrow, and life and death. Two other preachers, Purana Kassapa and Pakudha Kacchayana, joined the Ajivikas after the death of Gosala and infused new life to it.

Purana Kassapa held the view that actions did not have any merit or demerit. No evil is caused by torture, hurting and killing others. Similarly, no merit is acquired by generosity, self-control and truthful speech. Humans cannot change anything by action as everything is predetermined. According to him, non-action is the way out of life. Pakudha Kacchayana believed that the world was made of seven substances that were “unmade, irreducible, uncreated, barren, stable as a mountain peak, standing firm like a pillar – that do not alter, do not change, do not interfere with one another, are incapable of causing one another pleasure, pain or both pleasure and pain”.

The Ajivikas had rich lay disciples such as potters and bankers. The Ajivika sect spread across the length and breadth

of the country, though their influence was much less compared to that of Buddhism and Jainism.

Ajivikas in Tamil Land

Manimekalai, Nilakesi and Sivagnanasiddhiyar have references to Ajivika doctrine. Nilakesi's quest for truth takes her to Buddha and Puranan. Puranan was the leader of the Ajivika sect.

The Cholas are known to have levied a tax on the Ajivikas.

Ajita Kesakambalin (Ajita of the Hair Blanket) was a materialist. He believed that every human was made of four primary elements: fire, water, wind and sense. After death, these elements return to the earth. There is no life after death. He said, “Generosity is taught by idiots. The words of those who speak of existence after death are false, empty chatter. With the breakup of the body, the wise and the foolish alike are annihilated, destroyed. They do not exist after death.”

Lokayata and Carvaka

The term “lokyata” signifies materialist thought. Indian materialism has also been named Carvaka after one of the two founders of the school. Carvaka and Ajita Kesakambalin are said to have established Indian materialism as a formal philosophical system. Carvakas developed the concept of scepticism and believed in the pursuit of knowledge through experience. They questioned the authority of Vedas.

Rivalry among Heterodox Sects

There was intense rivalry among the various heterodox sects. This is evident from the various religious accounts of the period. Buddhist and Jaina texts not only mention other heterodox sects but also belittle them. For example, *Bhagavatisutra*, a Jaina text, provides a poor account of Makkhali Gosala.

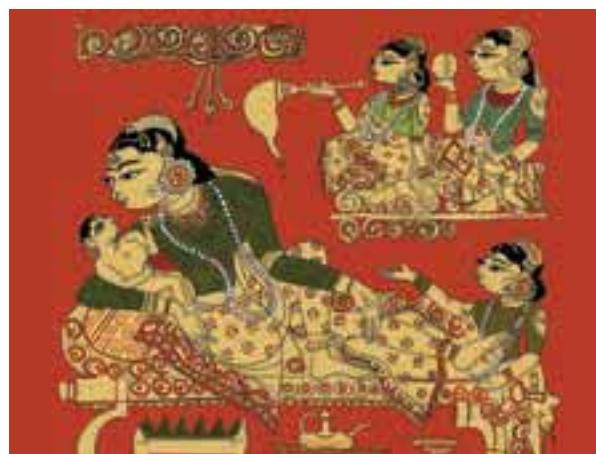
He is described as born to a poor mendicant in a cowshed. It accuses Gosala becoming a disciple of Mahavira for material comfort as the latter had many wealthy patrons. It describes “the greatest Ajivika teacher as a person of most contemptible character, a man of low parentage, and (sic) of low profession”. Buddhagosa also ridicules Gosala in his commentaries. He describes Gosala as a servant fleeing naked from his master on committing a mistake even disregarding the fact that his garment had fallen. A Buddhist Jataka story “compares the heretics with the fire-flies, whose faint light faded before the rising glory of the sun, i.e., the Buddha”.

3.5 Jainism

Among the various sects, the sect led by Vardhamana Mahavira (referred to as Nigantha Nataputta by Buddhist texts) bloomed into a religion called Jainism. It was earlier known as Nirgranthas (free from bonds). Mahavira was known as *Jina* (conqueror) of the soul and hence his sect came to be known as Jainism. According to Jain tradition, Mahavira was not the founder of Jainism, but the last of the 24 Tirthankaras or ‘maker of fords’ (ford means a shallow place in river or stream to allow one to walk across). According to Jaina tradition, Risabha was the founder of the sect. He is considered the first Tirthankara. Yajur Veda mentions three of the Tirthankaras, viz., Risabha, Ajitanatha and Aristanemi. Mahavira organised his members into monastic and lay followers.

Life of Mahavira

Vardhamana was born around 540 BCE in Kundagrama, a suburb of Vaishali. He was a member of the ruling family of a *gana-sangha* and his father Siddhartha was the chief of the Jnatrika clan. His mother Trishala was a Lichchavi princess and sister of its chief Chetaka. Mahavira was closely



Jaina Painting portraying
Mahavira's birth

connected to rulers of Magadha, Anga and Videha through his mother. From his childhood, he was attracted to spiritual life. After the death of his parents, he left his home at the age of 30 and wandered about as a mendicant for 12 years in search of true knowledge. He practiced severe austerities and discarded his garments. During the course of his wanderings, he met Gosala and spent six years with him before they parted due to differences. In the 13th year of his wandering, at the age of 42, Vardhamana attained enlightenment or *Nirvana*. He then became a Tirthankara and came to be called a *Jina* or *Mahavira* (the Great Conqueror). He preached for 30 years and was patronised by the rich and the elite. He died about 468 BCE at the age of 72 in Pavapuri near Rajgriha. He fasted unto death according to Jaina ideals. His death or final liberation was a joyous event for the Jains.

Mahavira had a huge following. In the early stages, his followers were drawn from different sections of the society. However, in course of time, Jainism was confined to the trading and money-lending community. Jainism’s insistence on non-violence closed other occupations, including agriculture, as it prescribed refraining from intended or unintended killing.

About 500 years after Mahavira’s death, in about 79 or 82 CE, a schism occurred

in Jainism. Magadha was affected by severe famine and some of the Jaina monks under Bhadrabahu went south to maintain their strict discipline.

They remained without garments and were known as *Digambaras* (space-clad or naked). Others stayed back under the leadership of Sthulabhadra and adopted a white garment and were known as *Svetambaras* (white-clad). The schism weakened Jainism in Magadha, but it found ardent followers in Gujarat, Rajasthan, Madhya Pradesh, Orissa and Karnataka.

On the death of Bhadrabahu, Shulabhadra held a Great Council at Pataliputra, which compiled the Jaina canon. It consisted of 12 *angas* (limbs). Another council was held in Valabhi, Gujarat, in the 5th century CE. It added 12 *upangas* (minor sections). The Jaina monks not only wrote religious treatises but also promoted secular literature. *Acharrangasutra*, *Sutrakritanga*, and *Kalpasutra* are the earliest Jaina texts. Most of the early Jaina texts were written in Ardha-Magadhi, the language of the common people.

Tenets of Jainism

The central tenet of Jainism is non-violence. No other religion lays as much emphasis on non-violence as does Jainism. It also criticises human emotions. Jainism denies the existence of God. In its early stages, deity was not worshipped in Jainism. It emphasises that salvation cannot be attained by worshipping god or by sacrifices. It stipulates that one can escape misery only by performing austerities.

Mahavira rejected Vedic authority. Hence, Jainism is an unorthodox religion. According to Jainism, the world has no beginning or end. It goes through a series of progress and decline according to an eternal law. Jainism advocated dualism: the world is



Mahavira

made of soul (*jiva*) and matter (*ajiva*), which are eternal. The coming together of *jiva* and *ajiva* creates *karma* (action), which leads to an endless cycle of birth and rebirth. To free oneself from karma, one has to practice severe austerities and self-mortification. Therefore, in Jainism, only monks could achieve liberation from the cycle of birth and rebirth.

Triratnas

Jain discipline requires adherence to certain rigorous rules. The Jains are required to follow three principles called Triratnas or Three Gems.

- (1) Right faith (*samyag-darshana*);
- (2) Right knowledge (*samyag-jnana*);
- (3) Right conduct (*samyag-mahavrata*)

Five Great Vows

The monks have to undertake the five great vows (*pancha-mahavrata*):

- (1) Not to kill or injure (*ahimsa*);
- (2) Not to steal (*asteya*);
- (3) Not to lie (*satya*);
- (4) Celibacy (*brahmacharya*);
- (5) Not to possess property (*aparigraha*)

Non-Violence

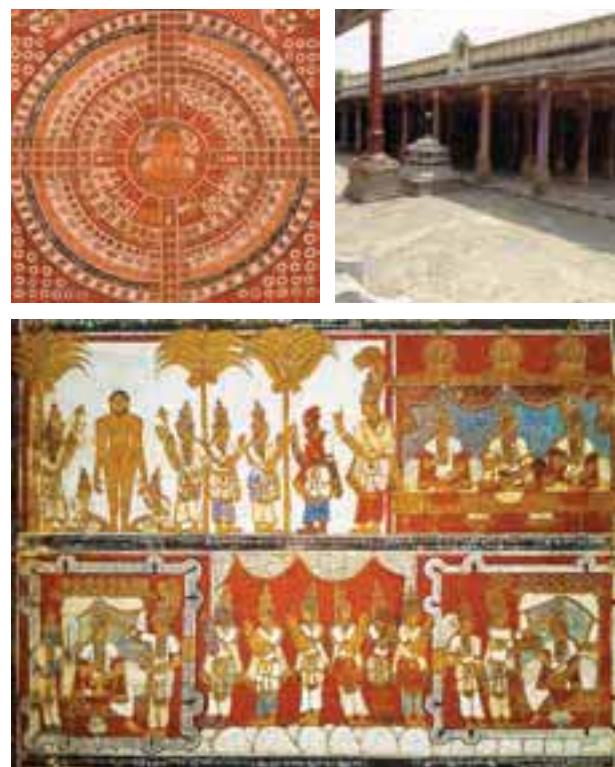
The five vows are common to both the monks and lay followers. The monks were to observe the vows more rigorously than

the lay followers. As Jainism placed great emphasis on non-violence, strict observers of the faith wear a muslin cloth around their mouth and nose so that they would not inhale small insects even by mistake. To avoid trampling on ants and other insects, Jain monks used feathers to sweep the path before walking. Jains could not practice agriculture or other crafts that involve killing or injury to living organisms. Hence they took to trading and money-lending and excelled in it. As a result, they were closely associated with urbanisation.

Jainism is an egalitarian religion. It does not sanction any inequality based on birth. It is one's deeds that determine one's status in society and not birth. Jainism believes that "by one's action one becomes a Brahmin, a Kshatriya, or a Vaishya, or a Sudra." Pride based on birth is considered a sin. Women were admitted into the monastic order. However, as a woman one cannot attain salvation. By accumulating merit by good deeds, a woman could be reborn as a man and then strive to attain salvation.

Jainism in Tamilnadu

Jainism spread to Tamil Nadu from about the third century CE. Jaina rock shelters are found in large numbers around Madurai and other places. The mention of death of Kopperuncholan by fasting in chol *Purananuru* is considered by some to be similar to Jaina practice of *sallekhana*. Jaina influence is strong in early Tamil literature. *Naladiyar*, *Palamoli*, *Jivaka Chinthamani*, *Yapperunkalam Karikai*, *Neelakesi* are some of the prominent Jaina works in Tamil. As early as c. 470 CE a Jaina Dravida Sangha was established in Madurai by Vajranandi, a disciple of Boojya Padha. Jainism has survived in Tamil Nadu and there are several Jaina temples. One of the Jaina temples is at Tiruparuthikunram near Kanchipuram with beautiful ceiling paintings. This part of Kanchipuram was known as Jaina Kanchi.



Jaina Kanchi, Tiruparuthikunram

Decline of Jainism in India

Absence of royal patronage, split amongst Jains as Digambaras and Swetambaras, lack of missionary zeal, factionalism and the severity of practices, and spread of Buddhism as a rival faith led to the decline of Jainism in India.

3.6 | Buddhism

Among the heterodox sects, Buddhism was the most popular. It went on to emerge as a powerful religion patronised by various rulers. It was so influential that its ideas were adopted by Asoka as a state policy. Though it virtually disappeared from India for nearly a millennium, it spread far and wide and is widely followed even today in the South-east and East Asian countries. In the mid-twentieth century it was revived in India by Dr. B.R. Ambedkar.

Life of Buddha

Gautama Buddha was born as Siddhartha in the Sakya clan to its king Suddhodhana and his chief queen Mahamaya. His mother Mahamaya dreamt of a white elephant with

six tusks entering her womb when she was pregnant. Learned men prophesied that the child would either become 'a Universal Emperor or a Universal Teacher'. While Mahamaya was going to her parents' home, Siddhartha was born in a park in Lumbini near Kapailavastu. Siddhartha grew in luxury as a royal prince. He married Yashodhara and had a son named Rahula. When he was riding on his chariot with his charioteer one day outside the palace, he saw an old man, a sick man, a corpse and finally a religious mendicant. Overcome by remorse at the misery of people, he left his palace in the dead of night in search of eternal truth. He rode in his chariot pulled by his favourite horse Kanthaka and driven by his charioteer Channa far away from the city. He cut his hair and sent it along with his discarded garments and jewellery to his father. This is known as *Mahabhiraskramana* or the Great Going Forth.



Gautama Buddha

Siddhartha wandered about and joined Alara Kalama as a disciple for a brief period. He also sought guidance from a hermit Uddaka Ramaputta. Siddhartha was not satisfied with their path and practised severe austerities, which left him nearly dead. One day, he ate rice boiled in milk given by a milkmaid named Sujata and began



meditation under a pipal tree in Bodhgaya. After 49 days of meditation, he attained enlightenment, at the age of 35. Thereafter, he came to be called Buddha or the Enlightened. He then delivered his first sermon in a deer park in Sarnath near Varanasi. This event is described as *Dharmachakra-parivartana* or 'wheel of the great law'. He spoke about the Four Noble Truths and the Middle Path. He established *Sangha* and spread his ideas far and wide. Buddha and his followers travelled for eight months of the year and stayed at a place for four months of the rainy season. At the age of 80, he passed away in Kusinagara. This is known as *Parinirvana*. The prominent disciples of Buddha were Sariputta, Maha-moggallana, Mahakaccayana and Ananda. Buddha had a huge following among both the royalty and lay persons.



Mahabodhi temple - Gaya

Buddhist Councils

After the death of Buddha, the tenets and other aspects of Buddhism were decided upon in the councils of Buddhist monks. Over a period of time, four Buddhist councils were held. The First Buddhist Council was held at Rajgriha after Buddha's death. It was headed by Upali. In this council, Upali recited the *Vinaya Pitaka*. Ananda recited *Sutta Pitaka*. The Second Buddhist Council met at Vaishali a century after Buddha's death. The Buddhist Order split into two later. One was called the *Sthaviravadins* or

'Believers in the Teachings of the Elders' and the other known as *Mahasanghikas* or 'Members of the Great Community'. The Third Buddhist Council was held at Pataliputra. It was convened by Asoka. The *Sthaviravadins* established themselves strongly and expelled the heretics. The last section called "Kathavatthu" was added to *Abhidhamma Pitaka*. The Fourth Buddhist Council was held at Kashmir during the reign of Kanishka. *Sarvastivadins* were an important sect of Buddhism. Its doctrines were compiled in *Mahavibhasa*.



Buddhist Council

Buddhist Sects

In course of time, *Sthaviravadins*, *Mahasanghikas* and *Sarvastivadins* emerged as major sects of Buddhism. New ideas emerged among the *Sarvastivadins* and *Mahasanghikas*. It led to the emergence of *Mahayana* and *Hinayana* (the Great and Lesser Vehicles) in Buddhism. *Mahayana* or the Great Vehicle became popular and influential in India. Nalanda University was an important centre of Buddhist learning and was patronised by the Palas. It spread to China and Japan. *Hinayana* or the Lesser Vehicle became popular in Sri Lanka, Burma, Thailand and other South-east Asian countries. By the end of the Gupta period, *Vajrayana* or the Vehicle of the Thunderbolt emerged. It was popular in Bengal and Bihar. It was influenced by primitive local cults and spread to Tibet in the 11th century CE. The Vikramasila University in Bihar was an important centre of *Vajrayana* Buddhism.

Buddhism in India began to decline with the onset of the Bhakti movement. Slowly Buddhism came to be influenced by Hindu practices. Soon, Buddhism was incorporated into Hinduism, and Buddha came to be considered as an avatar of Vishnu in some traditions.

Buddhist Literature

The Buddhist texts were compiled in Pali. The Pali canons are called as the Tripitakas (Three Baskets). They are *Vinaya Pitaka*, *Sutta Pitaka* and *Abhidhamma Pitaka*. *Vinaya Pitaka* deals with monastic rules and moral disciplines. *Sutta Pitaka* dwells upon discourses and teachings of Buddha. *Abhidhamma Pitaka* expounds Buddhist philosophy. The *Sutta Pitaka*, which contains the teachings of Buddha, is divided into five groups or *Nikayas*. They contain popular works such as *Theragatha* and *Therigatha* (Hymns of the Elder Monks and Nuns) and *Jataka* tales (Buddha's deeds in previous births as *Bodhisattva*).

Other important Buddhist works include *Milinda Panha*, a discussion between Greco-Bactrian king Menander and Buddhist monk Nagasena, and Ceylonese chronicles *Dipavamsa* (Island Chronicles), *Mahavamsa* (Great Chronicle) and *Culavamsa* (Lesser Chronicle).

The Starving Tigress: A Jataka Tale

Born in a family renowned for purity of conduct and great spiritual devotion, the Bodhisattva became a great scholar and teacher. With no desire for wealth, he went to a forest and led a life of an ascetic. It was in this forest he encountered a starving tigress, which after giving birth to cubs was about to eat her own new born cubs for survival. With no food in sight, the Bodhisattva offered his body as food to the tigress out of compassion.

Four Noble Truths of Buddha

The four noble truths prescribed by Buddha are as follows:

1. The Noble Truth of Suffering: Birth, age, death, unpleasantness, separation, unfulfilled wish.
2. The Noble Truth of the Origin of Suffering: thirst for pleasure, power, long life, etc. are the causes for sorrow.
3. The Noble Truth of the Cessation of Suffering (*Nirvana*): complete stopping or release from sorrow.
4. The Noble Truth of the Path Leading to Cessation of Suffering: the Noble Eight fold Path or the Middle Path.

Buddhism believed in *karma* and the doctrine of rebirth. Past actions determine one's condition in this birth. To be free from *karma* or the cycle of rebirth is to attain *nirvana*. It can be attained by following the Middle Path.

Buddha's Middle or Eightfold Path

(1) Right Views; (2) Right Resolve; (3) Right Speech; (4) Right Conduct; (5) Right Livelihood; (6) Right Effort; (7) Right Recollection; (8) Right Meditation.

Hence Buddha did not mention or talk about God. He neither accepted nor denied the existence of God. Buddhism advocated equality. It preached non-violence or *ahimsa* and love towards all. However, it was a moderate religion compared to Jainism's insistence on *ahimsa*. It promoted trade and capitalism as it was against waste and advocated frugality. Jobs involving any form of killing were forbidden. Trade in weapons, living beings, meat, liquor and poison were not permitted.

Buddhism in Tamilnadu

Buddhism spread to Tamizhagam from about third century BCE. Asokan inscriptions found in the Deccan region

vouch for the spread of Buddhism to southern parts of India. Archaeological evidences also reveal the existence of a Buddhist complex of the fourth century CE in Kaveripattinam. Quoting *Pattinapalai*, Noboru Karashima refers to merchants in Kaveripattinam who as vegetarians were opposed to animal sacrifice. From this one could presume the influence of Buddhism in Tamil country. *Manimekalai* by *Sattanar* one of the twin epics of the post-Sangam age is a Buddhist literature. Similarly the now extinct *Kundalakesi* is a Buddhist epic. Kanchipuram in the early Christian era was a flourishing Buddhist centre. Dinnaga and Dharmapala who headed the famous Nalanda University were renowned Buddhist scholars from Kanchipuram. Hiuen Tsang who visited Tamil country mentions in his travel accounts about several Buddhist Stupas built by Asoka in Kanchipuram.

A Buddhist temple was built in Nagapattinam at the request of a Chinese ruler during the reign of Pallava king Narasimhavarman II (CE 695-722). Chinese monk Wu-hing visited the monastery. In CE 1006, during the reign of Rajaraja I, Srivijaya King Mara-wijayottungga-varman built a Buddhist temple in Nagapattinam. It is called the Soolamani-varma-vihara.

Decline of Buddhism in India

Buddhism faced divisions from time to time. Division into various splinter groups like 'Hinayana', 'Mahayana', 'Vajrayana', 'Tantrayana' and 'Sahajayana' led Buddhism to lose its originality. Pali and Prakrit were the spoken languages of people of north India and it was through these languages the message of Buddhism was spread. But ever since the times of Fourth Buddhist Council held during the reign of Kanishka, Sanskrit had come to be adopted. Buddhism thereupon became unintelligible to common people.

Buddhism also lost its royal patronage after Harshavardhana. In contrast, the Vedic religion got royal patronage first from Pushyamitra Sunga and later from imperial Guptas. The role of the exponents of Bhakti movement like Ramanuja, Ramananda also helped to restore the glory of Vedic religion.

The invasion of Huns gave a deathblow to Buddhism. Toramana and Mihirakula, the two Hun chiefs had a deep-seated hatred for the Buddhists and they almost liquidated the Buddhists living in the north-west India. To make matters worse, the Rajput rulers who could not



Toramana Coin

reconcile to the Buddhist concept of non-violence, and as ardent advocates of Vedic religion started persecuting the Buddhists. Finally the invading Arabs and Turks forced the Buddhist monks to flee from India and seek asylum in Nepal, Tibet and Ceylon. In consequence Buddhism faded away in India.

SUMMARY

- Between 1000-700 BCE iron played a significant role in extending the area of cultivation.
- Agricultural surplus, growth of crafts, trade and the growing population led to the emergence of towns and exchange centres in the Gangetic plains.
- The Mahajanapadas are classified as gana-sangas and chiefdoms based on the nature of their polity.
- According to Ajivikas, gain and loss, joy and sorrow and life and death were the six inevitable factors of life.
- Mahavira's three principles and Buddha's eight fold path created a new intellectual awakening in India during the sixth century BCE.
- Influence of Jainism and Buddhism spread to Tamilnadu from about the third century BCE.

EXERCISE

I. Choose the correct answer:

1. Buddha delivered his first sermon in -----

(a) Sanchi	(b) Benaras	(c) Saranath	(d) Lumbini
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2. ----- is the Buddhist text that makes a reference to Ajatashatru's meeting of Buddha

(a) Jivakasinthamani	(b) Acharrangasutra	(c) Kalpasutra	(d) Samannapha Sutta
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3. *Bhagavatisutra* is a -----text

(a) Buddhist	(b) Jaina	(c) Ajivika	(d) Vedic
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4. _____ played an important role in improving the method of cultivation.
 - (a) Iron
 - (b) Bronze
 - (c) Copper
 - (d) Brass

5. Among the 16 *mahajanapadas*, _____ emerged as the most powerful in northern India.
 - (a) Kosala
 - (b) Avanti
 - (c) Magadha
 - (d) Kuru

II. Answer the following briefly

1. Write the tripitakas that serve as the source for our study.
2. What do you know about Carvaka?
3. Explain the core of Mahavir's teachings.
4. Distinguish the difference between janapadas and mahajanapadas.
5. Write the importance of Nagapattinam in the Buddhist history of Tamilnadu.

III. Answer the following

1. Write a note on the use of iron in clearing the forest critically.
2. Analyse the factors responsible for the rise of towns and cities in the Ganges Plains.
3. Mention some of the rising towns and cities in the aftermath of second urbanization.
4. Identify the heterodox thinkers of fifth and sixth century BCE.
5. Point out the influence of Jainism in Tamilnadu.

IV. Answer the following in detail

1. Discuss the causes of intellectual awakening in the sixth century BCE.
2. Give an account of Ajivikam and its spread in India.
3. Explain the schism in Jainism pointing out its implications.
4. List out the eightfold path of Buddha.
5. Account for the decline of Buddhism in India.



Activity

1. Locating the 16 *mahajanapadas* on the outline map of India.
2. Preparing a chart with information on Buddhist monuments in India.

GLOSSARY

scepticism	- doubt	- அவந்மபிக்கை
pervade	- spread	- பரவு
moat	- a deep wide trench filled with water	- அகழி
lineage	- ancestry	- பரம்பரை
primogeniture	- An exclusive right of inheritance by the first son	- முத்த மகனுக்கு மட்டுமே வாரிசுரிமை என்ற கோட்பாடு
coercion	- compulsion	- கட்டாயப்படுத்துதல்

preeminent	- famous	- புகழ்வாய்ந்த
stratified	- having a class structure	- வர்க்க அடிப்படையில் அமைக்கப்பட்ட
contemplating	- meditating/pondering	- சிந்தனை செய்தல்
espousing	- supporting	- ஆதரித்தல்
belittle	- degrade	- சிறுமைப்படுத்துதல்
contemptible	- hated	- வெறுக்கத்தக்க
heretics	- a person who differs in opinion from established religion/dogma	- வைதீகத்திற்கு எதிரான
refrain	- avoid	- தனிர்
schism	- division	- பிளவு
frugality	- economical	- சிக்கணமான
vouch	- confirm	- உறுதிப்படுத்து
smother	- suppress	- நசுக்கு அல்லது அடக்கு



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INTERNET RESOURCES

1. <http://www.philtar.ac.uk>
2. <http://www.columbia.edu>
3. <http://www.himalayanart.org>



ICT CORNER

Rise of New Religious Sects and Emergence of State and Empire

This activity for Maps based on Vector database helps to locate the birth places of new religious sects under the capitals of newly emerged kingdoms.



Steps:

- Open the Browser and type the URL given (or) Scan the QR Code.
- World History Atlas page will appear.
- You will get any kingdom of a given period (ex. Mauryan Period)
- You will get vector database map



Step1



Step2



Step3



Step4

Browse in the link

Web link: <http://geacron.com/home-en/>

*Pictures are indicatives only.



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Lesson 4

Emergence of State and Empire

Learning Objectives

To enable the students to acquire knowledge on

- the emergence of the first two important empires of India
- the significance of the invasions of Persians and Greeks
- the socio-political changes from 6th century to 3rd century BCE.
- the Pre-Mauryan administration and socio-economic conditions
- the Dharmic state of Ashoka through his edicts



Introduction

From the sixth century to the third century BCE, North India passed through major political and social changes. Buddhism and Jainism emerged as prominent religions having a large number of followers. Referred to as *sramanic* religions (from the word *sramana* in Sanskrit, meaning a teacher), these two religious systems were antithetical to the mainstream Vedic religion. As a consequence of new beliefs and ideas propounded by Jainism and Buddhism, the social order largely centred on Vedic rituals underwent a significant change, as people of many religious faiths were part of the emerging society. On the political front, minor states and federations of clans were merged through conquests to create an empire during this period, resulting in a large state, ruled by a *chakravartin* or *ekarat* (emperor or one supreme king). The rise of a centralised empire in the Gangetic plains of present-day Bihar and eastern Uttar Pradesh changed the social, economic and administrative fabric of the region.

The flat plains and the availability of plentiful water from the perennial rivers,

such as the Ganga and its many tributaries, were among the favourable ecological conditions which promoted the rise of a large state in this particular region. Rivers also acted as major waterways for trade and travel. Bimbisara, who was a contemporary of Buddha, started the process of empire building. It was strengthened by his son Ajatashatru and then by the Nandas. The empire reached its glory and peaked with the advent of the Mauryan Empire founded by Chandragupta Maurya. The first three Mauryan emperors, Chandragupta, Bindusara and Ashoka, were the best known. After Ashoka, the Mauryan Empire went into decline.

Sources

The names of Chandragupta and his two successors in the Mauryan period are well known now. But reconstructing their lives and careers was a laborious and difficult process for the earlier historians. There are hardly any comprehensive contemporary accounts or literary works which refer to the Mauryan emperors though they are mentioned in various Buddhist and

Jain texts as well as in some Hindu works like the *brahmanas*. The *Mahavamsa*, the comprehensive historical chronicle in Pali from Sri Lanka, is an important additional source. The scattered information from these sources has been corroborated by accounts of Greek historians who left their accounts about India following Alexander's campaign in north-western part of the country.

Archaeology and epigraphy are the tools that provide rich information for the historian to understand earlier periods of history. Archaeology is particularly important because excavations reveal the nature of urban morphology, that is, layout of the city and construction of buildings. They also provide concrete information about the material culture of people in the past, such as the metals that were known, materials and tools they used, and the technology they employed. The archaeological finds in the Gangetic regions give us solid proof about the nature of the urban centres established in the region in course of time. Epigraphical evidence is scanty for the period. The most widely known are the edicts of Ashoka, which have been discovered in many parts of the country. In fact, the reconstruction of the Mauryan period to a great extent became possible only after the Brahmi script of the inscriptions at Sanchi was deciphered by James Prinsep in 1837. Information about other edicts in other parts of the country also became available at that time. It must be remembered that these were the oldest historical artefacts found in India in the nineteenth century, until archaeological excavations unearthed the Indus valley towns of Harappa and Mohenjo-Daro in the twentieth century. All the edicts began with a reference to a great king, "Thus spoke *devanampiya* (beloved of the gods) *piyadassi* (of pleasing looks)", and the geographical spread of the edicts make it

clear that this was a king who had ruled over a vast empire. But who was this king? Puranic and Buddhist texts referred to a *chakravartin* named Ashoka. As more edicts were deciphered, the decisive identification that *devanampiya piyadassi* was Ashoka was made in 1915. One more edict when deciphered, which referred to him as *devanampiya* Ashoka, made reconstruction of Mauryan history possible.

Let us now turn to two later sources. The first is the rock inscription of Junagadh, near Girnar in Gujarat. This was carved during the reign of Rudradaman, the local ruler and dates back to 130–150 CE. It refers to Pushyagupta, the provincial governor (*rashtriya*) of Emperor Chandragupta. This is of importance for two reasons: (i) it indicates the extent of the Mauryan Empire, which had expanded as far west as Gujarat and (ii) it shows that more than four centuries after his death, the name of Chandragupta was still well known and remembered in many parts of the country. A second source is a literary work. The play *Mudrarakshasa* by Visakhadatta was written during the Gupta period, sometime after the 4th century CE. It narrates Chandragupta's accession to the throne of the Magadha Empire and the exploits of his chief advisor Chanakya or Kautilya by listing the strategies he used to counter an invasion against Chandragupta. This play is often cited as a corroborative source since it supports the information gathered from other contemporary sources about Chandragupta. It is important to note from both these sources that the fame of Chandragupta had survived long after he was gone and became imbibed in popular lore and memory. They thus attest to the significance of oral traditions, which are now accepted as an additional valid source of history.

4.1 Rise of Magadha under the Haryanka Dynasty

Among the 16 *mahajanapadas*, Kasi was initially powerful. However, Kosala became dominant later. A power struggle broke out between Magadha, Kosala, Vrijji and Avanti. Eventually Magadha emerged as the dominant *mahajanapada* and established the first Indian empire. The first known ruler of Magadha was Bimbisara of the Haryanka dynasty. He extended the territory of Magadhan Empire by matrimonial alliances and conquests. By marrying off his sister to Prasenajit, ruler of Kosala, he received Kasi as dowry. He also married the princesses of Lichchhavis and Madra. He maintained friendly relations with Avanti but annexed Anga by military might. Thus, Magadha became a powerful and prominent power. During his reign, Bimbisara patronised various religious sects and their leaders. He had an encounter with Buddha as well.

His son Ajatashatru ascended the throne by killing his father. King Prasenajit immediately took back Kasi, which he had handed out as dowry to Bimbisara. This led to a military confrontation between Magadha and Kosala. The struggle lasted until Prasenajit was overthrown and died at Rajgriha, the capital of Magadha Empire.



Bimbisara

Kosala was then annexed to Magadha. Ajatashatru also fought and won the battle against the Lichchhavis. He defeated the Lichchhavis and the Mallas. Ajatashatru is also believed to have met Buddha in his lifetime. By the time Ajatashatru died in 461 BCE Magadha had become undisputedly the strongest power.

The Haryanka dynasty was succeeded by the Shishunaga dynasty. Shishunaga, a viceroy of Benaras, deposed the last Haryanka king and ascended the throne. The Shishunagas ruled for fifty years before the throne was usurped by Mahapadma Nanda.

4.2 Nandas: The First Empire Builders of India

About a hundred years after Ajatashatru's demise, the Nandas became the emperors of Magadha in 362 BCE. The first Nanda ruler was Mahapadma. It is believed that he usurped the throne by murdering the last of the Shishunaga kings. Under the Nandas, the empire expanded considerably, and the wealth and power of the Nandas became widely known and feared. Mahapadma Nanda was succeeded by his eight sons, and they were together known as the *navanandas* or the nine Nandas. During the process of empire building, Nandas exterminated many kshatriya clans and subjugated kshatriya-ruled kingdoms, which had still retained a degree of autonomous authority, thus creating a centralised state. An inscription known as the *Hathigumpha* (elephant cave) from Udayagiri near Bhubaneshwar, Odisha, records the aqueduct built by King Nanda three hundred years earlier. This is also indicative of the geographical extent of the Nanda Empire. Though the Nandas were able administrators and had strengthened the Magadha Empire, they were not popular among the people.

A centralised state required a new administrative framework to govern an extensive territory, the creation of a bureaucracy, resources of money and men for managing the administration and the army. A system of revenue administration had to be developed to raise the funds needed for the state through taxation. Such a political formation led to the development of cities as administrative centres, distinct from villages and rural areas. A large standing army was required for expanding and retaining the empire.

4.3 Persian and Macedonian Invasions

The period from the sixth century witnessed close cultural contact of the north-west of India with Persia and Greece. It might be surprising to know that Gandhara and its adjoining regions on the Indus were part of the Achaemenid Empire of Persia. Cyrus, the emperor of Persia, invaded India around 530 BCE and destroyed the city of Kapisha. According to Greek historian Herodotus, Gandhara constituted the twentieth and the richest satrapy of the Achaemenid Empire. The region continued to be part of the Persian Empire till the invasion of Alexander the Great. The inscriptions of Darius I mention the presence of the Persians in the Indus region and include “the people of Gadara, Haravati and Maka” as subjects of the Achaemenid Empire.



The word “Hindu” appears for the first time in an inscription of Darius I at Persepolis, Iran. Darius lists “Hindu” as part of his empire. The word “Sindhu”, denoting a river in general and Indus in particular, became “Hindu” in Persian. The Greeks dropped the S and called it Indu, which eventually came to be called Hindu and later India.

Taxila

Takshashila or Taxila is situated in present-day Pakistan. Between the fifth century and fourth century BCE, it was part of the Achaemenid Empire of Persia. Because

of its strategic location on the trade route between the East and the West, it emerged as an important centre of learning and culture. Students came from far and wide to Taxila in search of knowledge. The city was brought to light by the excavation carried out in the 1940s by Sir John Marshall. Taxila is considered “one of the greatest intellectual achievements of any ancient civilization”. Panini seems to have compiled his well-known work, *Ashtadhyayi*, here.

Impact of Persian Contact

As the north-western part of India came under the control of the Persian Empire from about middle of the sixth century, the region became a centre of confluence of Persian and Indian culture. The Persian contact left its impact on art, architecture, economy and administration of ancient India. The cultural impact was felt most in the Gandhara region. The most significant impact was the development of the Kharosthi script, used in the north-western part of India. It was used by Ashoka in his inscriptions in the Gandhara region. The Kharosthi script was derived from Aramaic used widely in the Achaemenid Empire of Persia.

Like Aramaic, Kharosthi was written from right to left. Persian siglois (silver coin) is an imitation from the region. The earliest coins in India are traced to the period of the *mahajanapadas*. The Indian word for coin *karsa* is of Persian origin. The coins might have been inspired by the Persian coins. The existence of coins in that period suggests trade links between India and Persia. The

Ashokan edicts might have been inspired by the edicts of the Achaemenid king Darius. The Ashokan edicts use the term *lipi* instead of the Iranian term *dipi*.

The Mauryan art and architecture show traces of Persian influence. Mauryan columns of the Ashokan Pillar are similar to the columns found in the Achaemenid Empire. The bell-shaped capital of the columns, especially the lion capital of Sarnath pillar and the bell capital of Rampurva pillar, show resemblance to designs found in the Achaemenid columns. Similarly, the pillared remains of the Palace in Pataliputra display a remarkable similarity to the pillared hall in the Achaemenid capital. However, the craftsmen, though inspired by the Persian art and architecture, gave a definite Indian character to their work.

Connection between Persian and Sanskrit

There are linguistic similarities between Rig Veda and Avesta. The term Aryas was also used by the ancient Persians. According to Indologist Thomas Burrow, only phonetic change had occurred overtime. The Bogaz Koi (in North-East Syria) Inscription dating back to 1380 BCE records a treaty between a Hittite and a Mitanni King. It mentions the names of a few Rig Vedic gods such as Indara, Uruvna (Varuna), Mitira and Nasatiya (Ashvins).

4.4 Alexander's Invasion

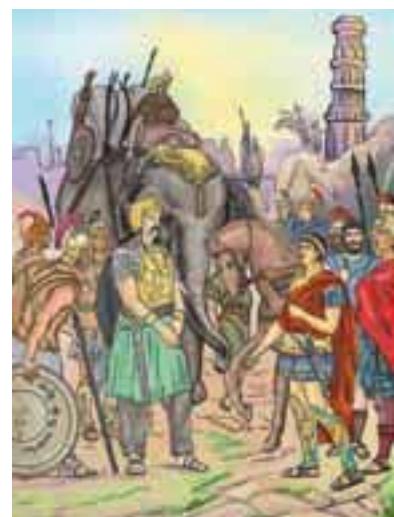
During Dara Nanda's reign, Alexander invaded north-west India (327–325 BCE). In many ways, the invasion by Alexander is a watershed in Indian history. It marked the beginning of the interaction between India and the West, which spanned many centuries to follow. Greek historians began to write about India, and Greek governors and kings ruled in the north-western region of India, which introduced new styles of art and governance. After his

conquests in the Punjab region, Alexander expressed his desire to march further east to attack the Magadha Empire. However, his already tired troops had heard about the great emperor in the east (Nanda) and his formidable army and refused to be engaged in a war against such a powerful adversary.



Emperor Alexander

In 326 BCE when Alexander entered the Indian subcontinent after defeating the Persians, Ambhi, the ruler of Taxila, surrendered and accepted the suzerainty of Alexander. The most famous of Alexander's encounters was with Porus, ruler of the region between Jhelum and Beas. The two armies met in the battle of Hydaspes in which Porus was imprisoned. Later, impressed by the Porus's dignity, Alexander restored his throne on the condition of accepting his suzerainty. His battle-weary soldiers refused to march further. Alexander did not want to proceed against the reluctance of his army. During his return, Alexander died of typhoid in Babylon.



Surrender of Porus to Alexander, 1865
engraving by Alonzo Chappel (modern representation)

The Impact of Alexander's Invasion

Alexander's invasion led to the establishment of Greek satrapies in the north-western region of the Indian subcontinent. Trade routes opened up with the West. There were four different trade routes in use, which facilitated the movement of Greek merchants and craftsmen to India, establishing direct contact between India and Greece. As trade contact increased, many Greek settlements were established in the northwest of India. Alexandria near Kabul, Boukephala near Peshawar in Pakistan and Alexandria in Sindh were some of the prominent Greek settlements.

The Greek accounts of India provide valuable information but with a bit of exaggeration. Alexander's death created a void in the north-west, facilitating the accession of Chandragupta Maurya to the throne of Magadha. It also helped him to conquer the numerous small chiefdoms in the north-west and bring the region under his empire.



Seleucus Nicator

established the Mauryan Empire and became its first emperor in 321 BCE.



Ashoka Rock Edict at Junagadh

We know from the Junagadh rock inscription (referred to earlier) that Chandragupta had expanded his empire westward as far as Gujarat. One of his great achievements, according to local accounts, was that he waged war against the Greek prefects (military officials) left behind by Alexander and destroyed them, so that the way was cleared to carry out his ambitious plan of expanding the territories. Another major event of his reign was the war against Seleucus, who was one of Alexander's generals. After the death of Alexander, Seleucus had established his kingdom extending up to Punjab. Chandragupta defeated him in a battle some time before 301 BCE and drove him out of the Punjab region. The final agreement between the two was probably not too acrimonious, since Chandragupta gave Seleucus 500 war elephants, and Seleucus sent an ambassador to Chandragupta's court. This ambassador was Megasthenes, and we owe much of the information that we have about Chandragupta to *Indica*, the account written by Megasthenes. The original of this work is lost, but many Greek historians had reproduced parts of his account describing the court of Chandragupta and his administration.

4.5 Mauryan Empire

Contemporary accounts by Greek historians show that Chandragupta was a youth living in Taxila when Alexander invaded India. Greek historians have recorded his name as "Sandrakottus" or "Sandrakoptus", which are evidently modified forms of Chandragupta. Inspired by Alexander, Chandragupta led a revolt against the Nandas years later and overthrew them. Chandragupta achieved it either by inciting the people to rise against an unpopular monarch, or by soliciting their support in overthrowing an unpopular king. Chandragupta

Chandragupta

Chandragupta was obviously a great ruler who had to reinvent a strong administrative apparatus to govern his extensive kingdom. (The system of governance and polity is discussed in the next section.) Chandragupta was ably



Chandragupta (modern representation)

advised and aided by Chanakya, known for political manoeuvring, in governing his empire. Contemporary Jain and Buddhist texts hardly have any mention of Chanakya. But popular oral tradition ascribes the greatness of Chandragupta and his reign to the wisdom and genius of Chanakya. Chanakya, also known as Kautilya and Vishnugupta, was a Brahmin and a sworn adversary of the Nandas. He is credited with having devised the strategy for overthrowing the Nandas and helping Chandragupta to become the emperor of Magadha. He is celebrated as the author of the *Arthashastra*, a treatise on political strategy and governance. His intrigues and brilliant strategy to subvert the intended invasion of Magadha is the theme of the play, *Mudrarakshasa*.

Bindusara

Chandragupta's son Bindusara succeeded him as emperor in 297 BCE in a peaceful and natural transition. We do not know what happened to Chandragupta. He probably renounced the world. According to the Jain tradition, Chandragupta spent his last years as an ascetic in Chandragiri, near Sravanabelagola, in Karnataka. Bindusara was clearly a capable ruler and continued his father's tradition of close interaction with the Greek states of West Asia. He continued to be advised by Chanakya and other capable ministers.

His sons were appointed as viceroys of the different provinces of the empire. We do not know much about his military exploits, but the empire passed intact to his son, Ashoka.

Bindusara ruled for 25 years, and he must have died in 272 BCE. Ashoka was not his chosen successor, and the fact that he came to the throne only four years later in 268 BCE would indicate that there was a struggle between the sons of Bindusara for the succession. Ashoka had been the viceroy of Taxila when he put down a revolt against the local officials by the people of Taxila, and was later the viceroy of Ujjain, the capital of Avanti and a major city and commercial centre. As emperor, he is credited with building the monumental structures that have been excavated in the site of Pataliputra. He continued the tradition of close interaction with the Greek states in West Asia, and there was mutual exchange of emissaries from both sides.

Ashoka

The defining event of Ashoka's rule was his campaign against Kalinga (present-day Odisha) in the eighth year of his reign. This is the only recorded military expedition of the Mauryas. The number of those killed in battle, those who died subsequently, and

Emperor Ashoka
Devanampiya

those deported ran into tens of thousands. The campaign had probably been more ferocious and brutal than usual because this was a punitive war against Kalinga, which had broken away from the Magadha Empire (the Hathigumpha inscription speaks of Kalinga as a part of the Nanda Empire). Ashoka was devastated by the carnage

and moved by the suffering that he converted to humanistic values. He became a Buddhist and his new-found values and beliefs were recorded in a series of edicts, which confirm his passion for peace and moral righteousness or *dharma* (*dharma* in Sanskrit).

Edicts of Ashoka

The edicts of Ashoka thus constitute the most concrete source of information about the Mauryan Empire. There are 33 edicts comprising 14 Major Rock Edicts, 2 known as Kalinga edicts, 7 Pillar Edicts, some Minor Rock Edicts and a few Minor Pillar Inscriptions. The Major Rock Edicts extend from Kandahar in Afghanistan, Shahbazgarhi and Mansehra in north-west Pakistan to Uttarakhand district in the north, Gujarat and Maharashtra in the west, Odisha in the east and as far south as Karnataka and Kurnool district in Andhra Pradesh. Minor Pillar Inscriptions have been found as far north as Nepal (near Lumbini). The edicts were written mostly in the Brahmi script and in Magadhi and Prakrit. The Kandahar inscriptions are in Greek and Aramaic, while the two inscriptions in north-west Pakistan are in Kharosthi script.

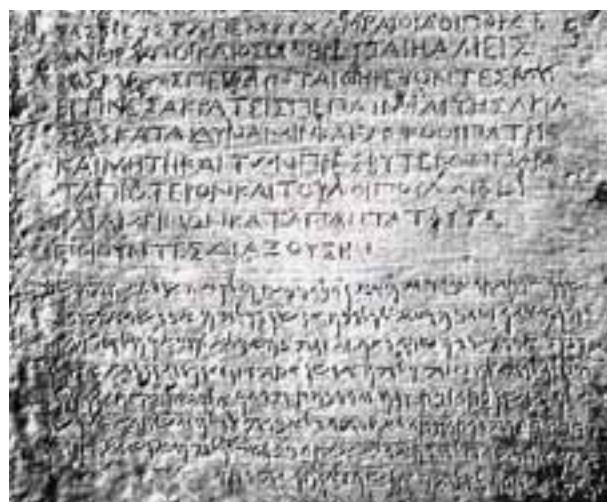
The geographical spread of the edicts essentially defines the extent of the vast empire over which Ashoka ruled. The second inscription mentions lands beyond his borders: “the Chodas (Cholas), the Pandyas, the Satiyaputa, the Keralaputa (Chera), even Tamraparni, the Yona king Antiyoka (Antiochus), and the kings who are the neighbours of this Antioka”. The edicts stress Ashoka’s belief in peace, righteousness and justice and his concern for the welfare of his people. By rejecting violence and war, advocating peace and the pursuit of *dharma*, Ashoka negated the prevailing philosophy of statecraft that stressed that



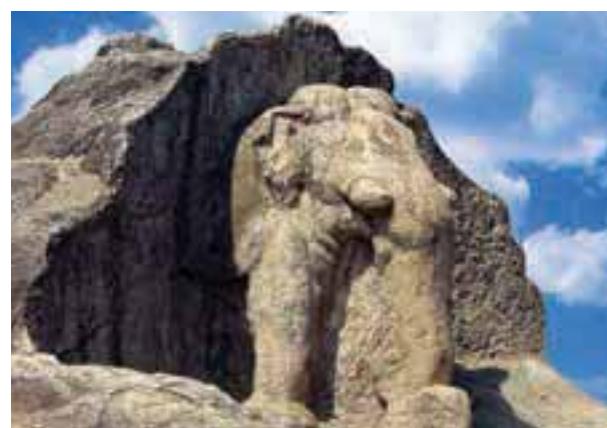
Edicts of Ashoka (238 BCE),
in the Brahmi at British Museum



The Ashoka edicts at Saranath



Rock Edict - Kandahar in Afghanistan



Rock Edict of Ashoka, Dhauli, Odisha

an emperor had to strive to extend and consolidate his empire through warfare and military conquests.

Third Buddhist Council

One of the major events of Ashoka's reign was the convening of the Third Buddhist *sangha* (council) in 250 BCE in the capital Pataliputra. Ashoka's deepening commitment to Buddhism meant that royal patronage was extended to the Buddhist establishment. An important outcome of this *sangha* was the decision to expand the reach of Buddhism to other parts of the region and to send missions to convert people to the religion. Buddhism thus became a proselytizing religion and missionaries were sent to regions outlying the empire such as Kashmir and South India. According to popular belief, Ashoka sent his two children, Mahinda and Sanghamitta, to Sri Lanka to propagate Buddhism. It is believed that they took a branch of the original *bodhi* tree to Sri Lanka.

Ashoka died in 231 BCE. Sadly, though his revolutionary view of governance and non-violence find a resonance in our contemporary sensibilities, they were not in consonance with the realities of the times. After his death, the Mauryan Empire slowly disintegrated and died out within fifty years. But the two centuries prior to Ashoka's death and the disintegration of the Mauryan Empire were truly momentous in Indian history. This was a period of great change.



Ashoka's visit to the Ramagrama
Sanchi Stupa Southern Gate

The consolidation of a state extending over nearly two-thirds of the sub-continent had taken place with formalised administration, development of bureaucratic institutions and economic expansion, in addition to the rise of new heterodox religions and philosophies that questioned the established orthodoxy.

4.6 The Mauryan State and Polity

The major areas of concern for the Mauryan state were the collection of taxes as revenue to the state and the administration of justice, in addition to the maintenance of internal security and defence against external aggression. This required a large and complex administrative machinery and institutions. Greek historians, taking their lead from Megasthenes, described the Mauryan state as a centralised state. What we should infer from this description as a centralised state is that a uniform pattern of administration was established throughout the very large area of the empire. But, given the existing state of technology in communications and transport, a decentralised administrative system had to be in place.

This bureaucratic set-up covered a hierarchy of settlements from the village, to the towns, provincial capitals and major cities. The bureaucracy enabled and required an efficient system of revenue collection, since it needed to be paid out of taxes collected. Equally, the very large army of the Mauryan Empire could be maintained only with the revenue raised through taxation. The large bureaucracy also commanded huge salaries. According to the *Arthashastra*, the salary of chief minister, the *purohita* and the army commander was 48,000 panas, and the soldiers received 500 panas. If we multiply this by the number of infantry and cavalry, we get an idea of the enormous resources needed to maintain the army and the administrative staff.

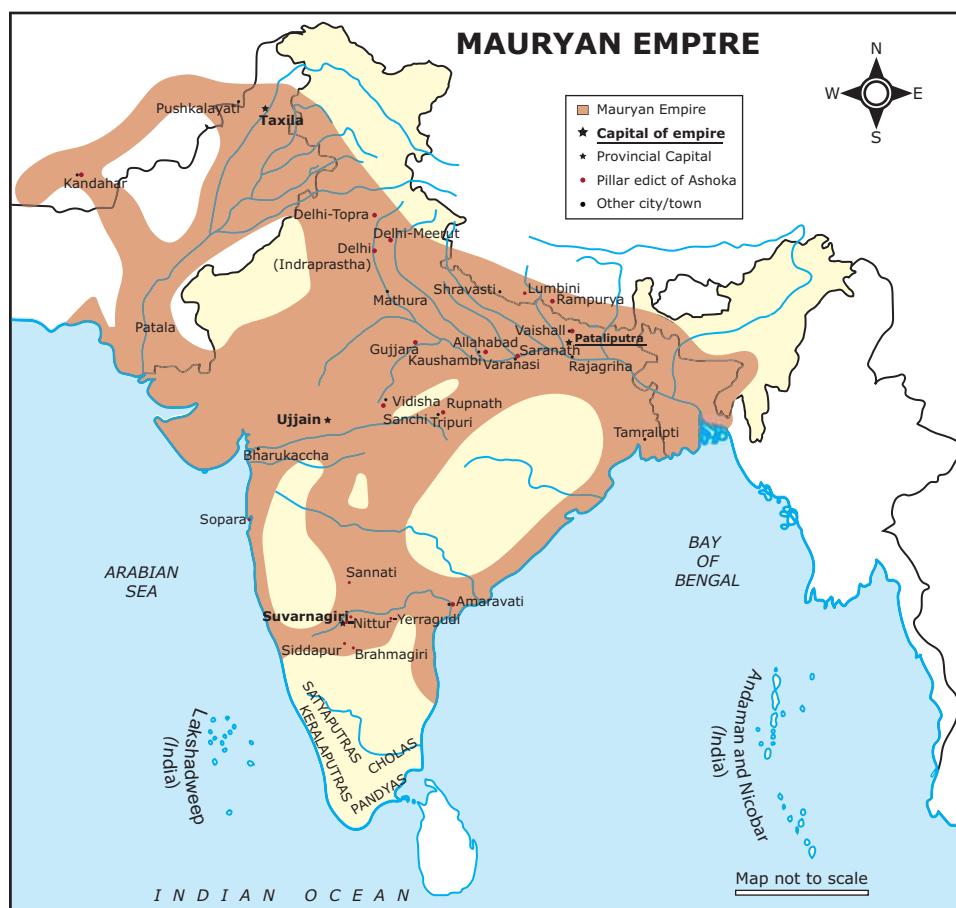
Arthashastra

Perhaps the most detailed account of the administration is to be found in the *Arthashastra* (though the work itself is now dated to a few centuries later). However, it must be remembered that the *Arthashastra* was a prescriptive text, which laid down the guidelines for good administration. If we add to this the information from Ashoka's edicts and the work of Megasthenes, we get a more comprehensive picture of the Mauryan state as it was.

Provincial Administration

At the head of the administration was the king. He was assisted by a council of ministers and a *purohita* or priest, who was a person of great importance, and secretaries known as *mahamatriyas*. The capital region of Pataliputra was directly administered. The rest of the empire was divided into four provinces based at Suvarnagiri (near

Kurnool in Andhra Pradesh), Ujjain (Avanti, Malwa), Taxila in the north-west, and Tosali in Odisha in the south-east. The provinces were administered by governors who were usually royal princes. In each region, the revenue and judicial administration and the bureaucracy of the Mauryan state was replicated to achieve a uniform system of governance. Revenue collection was the responsibility of a collector-general (*samaharta*) who was also in charge of exchequer that he was, in effect, like a minister of finance. He had to supervise all the provinces, fortified towns, mines, forests, trade routes and others, which were the sources of revenue. The treasurer was responsible for keeping a record of the tax revenues. The accounts of each department had to be presented jointly by the ministers to the king. Each department had a large staff of



superintendents and subordinate officers linked to the central and local governments.

District and Village Administration

At the next level of administration came the districts, villages and towns. The district was under the command of a *sthanika*, while officials known as *gopas* were in charge of five to ten villages. Urban administration was handled by a *nagarika*. Villages were semi-autonomous and were under the authority of a *gramani*, appointed by the central government, and a council of village elders. Agriculture was then, as it remained down the centuries, the most important contributor to the economy, and the tax on agricultural produce constituted the most important source of revenue. Usually, the king was entitled to one-sixth of the produce. In reality, it was often much higher, usually about one-fourth of the produce.

Source of Revenue

The *Arthashastra*, recommended comprehensive state control over agricultural production and marketing, with warehouses to store agricultural products and regulated markets, in order to maximise the revenues from this most important sector of the economy. Other taxes included taxes on land, on irrigation if the sources of irrigation had been provided by the state, taxes on urban houses, customs and tolls on goods transported for trade and profits from coinage and trade operations carried on by the government. Lands owned by the king, forests, mines and manufacture and salt, on which the state held a monopoly, were also important sources of revenue.

Judicial Administration

Justice was administered through courts, which were established in all the major towns. Two types of courts are mentioned.

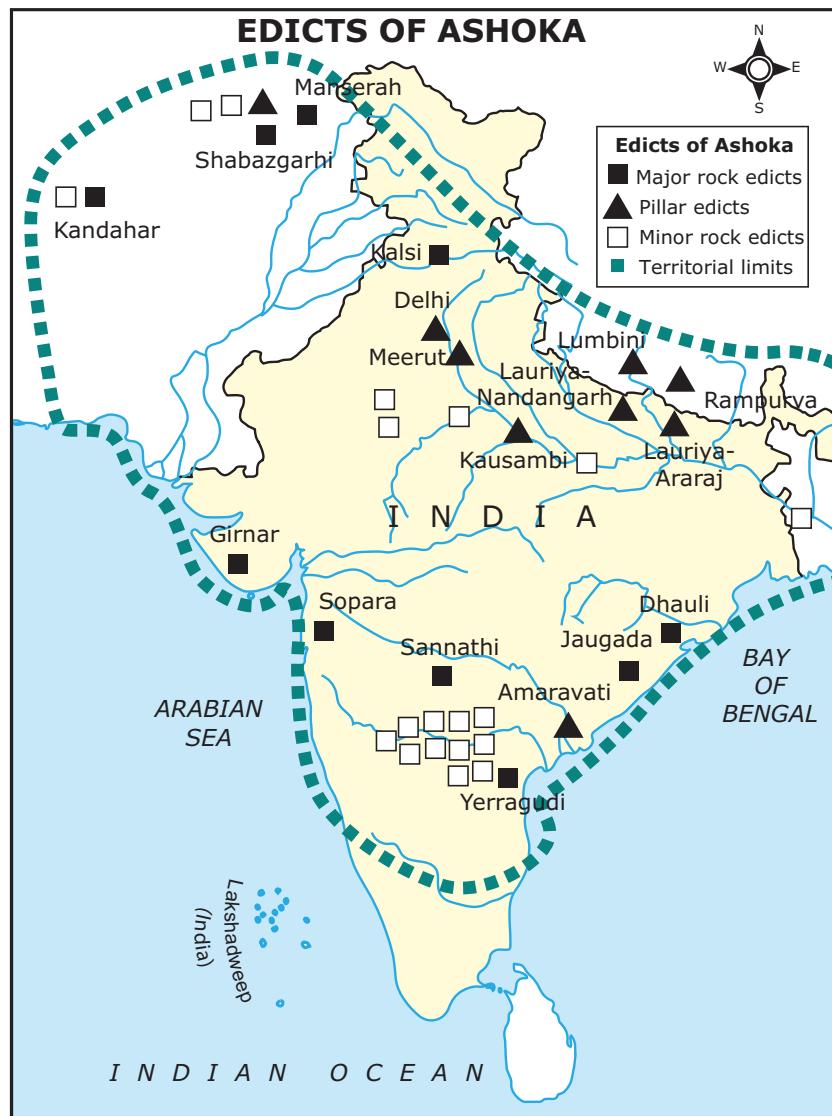
The *dharmasthiya* courts mostly dealt with civil law relating to marriage, inheritance and other aspects of civil life. The courts were presided over by three judges well-versed in sacred laws and three *amatyas* (secretaries). Another type of court was called *kantakasodhana* (removal of thorns), also presided over by three judges and three *amatyas*. The main purpose of these courts was to clear the society of anti-social elements and various types of crimes, and it functioned more like the modern police, and relied on a network of spies for information about such anti-social activities. Punishments for crimes were usually quite severe. The overall objective of the judicial system as it evolved was to extend government control over most aspects of ordinary life.

Ashoka's Dharmic State

Ashoka's rule gives us an alternative model of a righteous king and a just state. He instructed his officials, the *yuktas* (subordinate officials), *rajjukas* (rural administrators) and *pradesikas* (heads of the districts) to go on tours every five years to instruct people in *dhamma* (Major Rock Edict 3). Ashoka's injunctions to the officers and city magistrates stressed that all the people were his children and he wished for his people what he wished for his own children, that they should obtain welfare and happiness in this world and the next. These officials should recognise their own responsibilities and strive to be impartial and see to it that men were not imprisoned or tortured without good reason. He added that he would send an officer every five years to verify if his instructions were carried out (Kalinga Rock Edict 1).



Ashoka realised that an effective ruler needed to be fully informed about what was happening in his kingdom and



insisted that he should be advised and informed promptly wherever he might be (Major Rock Edict 6). He insisted that all religions should co-exist and the ascetics of all religions were honoured (Major Rock Edicts 7 and 12). Providing medical care should be one of the functions of the state, the emperor ordered hospitals to be set up to treat human beings and animals (Major Rock Edict 2). Preventing unnecessary slaughter of animals and showing respect for all living beings was another recurrent theme in his edicts. In Ashoka's edicts, we find an alternative humane and empathetic model of governance. The edicts stress that everybody, officials as well as subjects, act righteously following *dhamma*.

4.7 Economy and Society

Agriculture

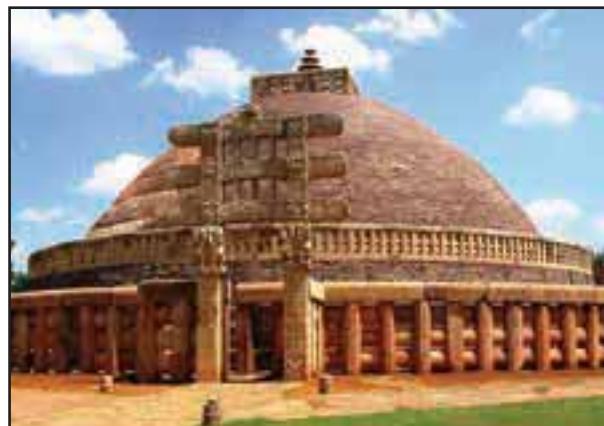
Agriculture formed the backbone of the economy. It was the largest sector in terms of its share in total revenue to the state and employment. The Greeks noted with wonder that two crops could be raised annually in India because of the fertility of the soil. Besides food grains, India also grew commercial crops such as sugarcane and cotton, described by Megasthenes as a reed that produced honey and trees on which wool grew. These were important commercial crops. The fact that the agrarian sector could produce a substantial surplus was a major factor in the diversification of the economy beyond subsistence to commercial production.

Crafts and Goods

Many crafts producing a variety of manufactures flourished in the economy. We can categorise the products as utilitarian or functional, and luxurious and ornamental. Spinning and weaving, especially of cotton fabrics, relying on the universal availability of cotton throughout India, were the most widespread occupations outside of agriculture. A great variety of cloth was produced in the country, ranging from the coarse fabrics used by the ordinary people for everyday use, to the very fine textures worn by the upper classes and the royalty. The *Arthashastra* refers to the regions producing specialised textiles – Kasi (Benares), Vanga (Bengal), Kamarupa (Assam), Madurai and many others. Each region produced many distinctive and specialised varieties of fabrics. Cloth embroidered with gold and silver was worn by the King and members of the royal court. Silk was known and was generally referred to as Chinese silk, which also indicates that extensive trade was carried on in the Mauryan Empire.

Metal and metal works were of great importance, and the local metal workers worked with iron, copper and other metals to produce tools, implements, vessels and other utility items. Iron smelting had been known for many centuries, but there was a great improvement in technology after about 500 BCE, which made it possible to smelt iron in furnaces at very high temperatures. Archaeological finds show a great qualitative and quantitative improvement in iron production after this date. Improvement in iron technology had widespread implications for the rest of the economy. Better tools like axes made more extensive clearing of forests possible for agriculture; better ploughs could improve agricultural processes; better nails and tools improved woodwork and carpentry as well as other

crafts. Woodwork was another important craft for ship-building, making carts and chariots, house construction and so on. Stone work—stone carving and polishing—had evolved as a highly skilled craft. This expertise is seen in the stone sculptures in the *stupa* at Sanchi and the highly polished Chunar stone used for Ashoka's pillars.



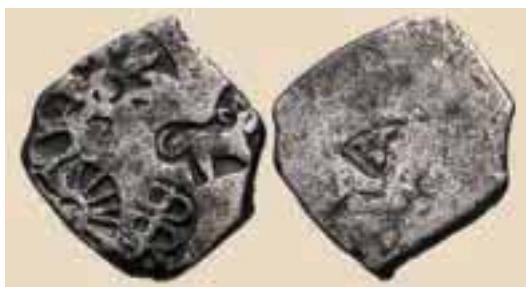
Sanchi Stupa

A whole range of luxury goods was produced, including gold and silver articles, jewellery, perfumes and carved ivory. There is evidence that many other products like drugs and medicines, pottery, dyes and gums were produced in the Mauryan Empire. The economy had thus developed far beyond subsistence production to a very sophisticated level of commercial craft production.

Crafts were predominantly urban-based hereditary occupations and sons usually followed their fathers in the practice of various crafts. Craftsmen worked primarily as individuals, though royal workshops for producing cloth and other products also existed. Each craft had a head called *pamukha* (*pramukha* or leader) and a *jettha* (*jyeshtha* or elder) and was organised in a *seni* (*srenior* a guild), so that the institutional identity superseded the individual in craft production. Disputes between *srenis* were resolved by a *mahasetthi*, and this ensured the smooth functioning of craft production in the cities.

Trade

Trade or exchange becomes a natural concomitant of economic diversification and growth. Production of a surplus beyond subsistence is futile unless the surplus has exchange value, since the surplus has no use value when subsistence needs have been met. Thus, as the economy diversified and expanded, exchange becomes an important part of realising the benefits of such expansion. Trade takes place in a hierarchy of markets, ranging from the exchange of goods in a village market, between villages and towns within a district, across cities in long-distance overland trade and across borders to other countries. Trade also needs a conducive political climate as was provided by the Mauryan Empire, which ensured peace and stability over a very large area. The rivers in the Gangetic plains were major means for transporting goods throughout northern India. Goods were transported further west overland by road. Roads connected the north of the country to cities and markets in the south-east, and in the south-west, passing through towns like Vidisha and Ujjain. The north-west route linked the empire to central and western Asia. Overseas trade by ships was also known, and Buddhist *Jataka* tales refer to the long voyages undertaken by merchants. Sea-borne trade was carried on with Burma and the Malay Archipelago, and with Sri Lanka. The ships, however, were probably quite small and might have hugged the coastline.



Mauryan coin with arched hill symbol on reverse

We do not have much information about the merchant communities. In general, long-distance overland trade was undertaken by merchant groups travelling together as a caravan for security, led by a caravan leader known as the *maha-sarthavaha*. Roads through forests and unfavourable environments like deserts were always dangerous. The *Arthashastra*, however, stresses the importance of trade and ensuring its smooth functioning. Trade has to be facilitated through the construction of roads and maintaining them in good condition. Since tolls and octroi were collected on goods when they were transported, toll booths must have been set up and manned on all the trade routes. Urban markets and craftsmen were generally closely monitored and controlled to prevent fraud. The *Arthashastra* has a long list of the goods – agricultural and manufactured – which were traded in internal and foreign trade. These include textiles, woollens, silks, aromatic woods, animal skins and gems from various parts of India, China and Sri Lanka. Greek sources confirm the trade links with the west through the Greek states to Egypt. Indigo, ivory, tortoiseshell, pearls and perfumes and rare woods were all exported to Egypt.

Coins and Currency

Though coinage was known, barter was the medium of exchange in pre-modern economies. In the Mauryan Empire, the silver coin known as *pana* and its sub-divisions



Karshapana-Bindusara

were the most commonly used currency. Hordes of punch-marked coins have been found in many parts of north India, though some of these coins may have been from earlier periods. Thus while coins were in use, it is difficult to estimate the extent to which the economy was monetised.

Process of Urbanisation

Urbanisation is the process of the establishment of towns and cities in an agrarian landscape. Towns can come up for various reasons – as the headquarters of administration, as pilgrim centres, as commercial market centres and because of their locational advantages on major trade routes. In what way do urban settlements differ from villages or rural settlements? To begin with, towns and cities do not produce their own food and depend on the efficient transfer of agricultural surplus for their basic consumption needs. A larger number of people reside in towns and cities and the density of population is much higher in cities. Cities attract a variety of non-agricultural workers and craftsmen, who seek employment, thereby forming the workforce for the production of manufactured goods and services of various kinds. These goods, in addition to the agricultural products brought in from the rural countryside, are traded in markets. Cities also tend to house a variety of persons in service-related activities. The *sangam* poetry in Tamil and the Tamil epics provide vivid pictures of cities like Madurai, Kanchipuram and Poompuhar as teeming with people, with vibrant markets and merchants selling a variety of goods, as well as vendors selling various goods including food door to door. Though these literary works relate to a slightly later period, it is not different in terms of the prevailing levels of technology, and these descriptions may be taken as an accurate depiction of urban living. The only contemporary pictorial

representation of cities is found in the sculptures in Sanchi, which portray royal processions, and cities are seen to have roads, a multitude of people and multi-storeyed buildings crowded together.

Urbanisation in Sixth Century BCE

One of the first pre-requisites for urbanisation is the development of an agricultural base. This had evolved in the Indo-Gangetic plain and from very early on there are references to cities like Hastinapura and Ayodhya. By about sixth century BCE, urbanization had spread to the *doab* and many new city centres like Kaushambi, Bhita, Vaishali and Rajagriha, among others, are mentioned in the region. Buddhist texts about Buddha's preaching were always located in urban centres. Cities developed primarily because of the spread of agriculture and wet rice cultivation, in particular in the *doab* region, after the marshy land was drained and reclaimed for cultivation. The fertile soil and plentiful availability of water from the perennial rivers made it possible to raise even two crops of rice, and the production of a large agricultural surplus to feed the cities. The improvements in iron technology also had an impact on economic life both in rural and urban areas. As Magadha grew, many regional centres like Ujjain were also incorporated into the empire.

Housing and Town Planning

Towns were often located along the rivers, presumably for ease of access to transportation. They were surrounded by moats and a rampart to provide defensive protection. They were always open to attacks since treasuries holding government revenue were housed in them, in addition to the fact that as trading centres, the local people and merchants were also wealthy. As the towns

became more prosperous, the quality of the houses, which were built of mud brick and even of fired brick, improved. Towns also had other facilities like drains, ring wells and mud pits, testifying to the development of civic amenities and sanitation. Excavations from the Mauryan period show that the standard of living had improved as compared to the earlier period. The houses were built of brick, and the cities had ring wells and soak pits. There was a quantitative increase in the use of iron and the variety of iron artefacts.

City of Pataliputra

Pataliputra was the great capital city in the Mauryan Empire. It was described as a large and wealthy city, situated at the confluence of the Ganga and Son rivers, stretching in the form of a parallelogram. It was more than 14 kilometres in length and about 2½ kilometres wide. It was protected by an outer wall made of wood, with loopholes for shooting arrows at enemies. There were 64 gates to the city and 570 watch towers. There was a wide and deep moat outside the wall, which was fed by water from the river, which served both as a defence and an outlet for sewage. There were many grand palaces in the city, which had a large population. The city was administered by a corporation of 30 members. Ashoka added to the magnificence of the city with the

monumental architecture that he added to the capital, like the many-pillared hall.

Art and Culture

Most of the literature and art of the period have not survived. Sanskrit language and literature were enriched by the work of the grammarian Panini (c. 500 BCE), and Katyayana, who was a contemporary of the Nandas and had written a commentary on Panini's work. Buddhist and Jain texts were primarily written in Pali. Evidently many literary works in Sanskrit were produced during this period and find mention in later works, but they are not available to us.

The *Arthashastra* notes the performing arts of the period, including music, instrumental music, bards, dance and theatre. The extensive production of crafted luxury products like jewellery, ivory carving and wood work, and especially stone carving should all be included as products of Mauryan art.

Many religions, castes and communities lived together in harmony in the Mauryan society. There is little mention of any overt dissension or disputes among them. As in many regions of that era (including ancient Tamil Nadu), courtesans were accorded a special place in the social hierarchy and their contributions were highly valued.

SUMMARY

- *Gana-sanghas* in course of time became the larger *mahajanapadas* and of the 16 kingdoms, Magadha eventually emerged as the most powerful.
- The first known ruler of Magadha was Bimbisara, followed by his son Ajatashatru. Mahapadma Nanda started the Nanda dynasty.
- The invasion of north-west India by Alexander in 326 BCE opened up trade with the West. After the death of Alexander, Chandragupta founded the Mauryan Empire.

- The three notable Mauryan rulers, Chandragupta, Bindusara and Ashoka, established a centralised state. The system of Mauryan administration came to light through the accounts of *Arthashastra* and *Indica*.
- Mauryan Empire set in a new phase in Indian history as trade and commerce grew manifold during this period.
- Mauryan Empire continued the earlier tradition of consolidation of the empire. The truly revolutionary change that was attempted was Ashoka's exhortations to his officials and people to follow *dharma*, abjure violence and lead a moral life.
- Mauryan Empire marked a distinct phase in Indian history with significant advances in technology and economic and social development, and created the framework for a large, centrally administered, state.

Timeline	
Notable Events	Years
Invasion of Cyrus (Emperor of Persia)	530 BCE
Nandas establishing their empire in Magadha	362 BCE
Invasion of Alexander	326 BCE
Chandragupta founding the Mauryan Empire	321 BCE
Defeat of Seleucus by Chandragupta	301 BCE
Bindusara succeeding Chandragupta	297 BCE
Third Buddhist Sangha convened by Ashoka	250 BCE
Death of Ashoka	231 BCE

EXERCISE

I. Choose the correct answer

1. Brahmi script in Ashoka's pillar inscription was deciphered by _____.
 (a) Thomas Saunders (b) James Prinsep
 (c) Sir John Marshal (d) William Jones
2. The first known ruler of Magadha was _____ of the Haryanka dynasty.
 (a) Bimbisara (b) Ajatashatru
 (c) Ashoka (d) Mahapadma Nanda



3. _____ was the ruler of Magadha during the invasion of Alexander in India.
(a) Mahapadma Nanda (b) Dhana Nanda
(c) Bindhusara (d) Bimbisara

4. A comprehensive historical chronicle in Pali from Sri Lanka serving as an important source for the Mauryan Period is _____.
(a) *Mahavamsa* (b) *Deepavamsa*
(c) *Brahmanas* (d) *Mudrarakshasa*

5. The play _____ by Visakadatha describes Chandragupta and his accession to the throne of the Magadha Empire.
(a) *Mudrarakshasa* (b) *Rajatarangini*
(c) *Arthashastra* (d) *Indica*

6. Megasthenes' work _____ describes the court of Chandragupta and his administration.
(a) *Indica* (b) *Mudrarakshasa*
(c) *Ashtadhyayi* (d) *Arthashastra*

7. The _____ was a prescriptive text for good administration.
(a) *Arthashastra* (b) *Indica*
(c) *Rajatarangini* (d) *Mudrarakshasa*

II. Answer the following briefly

1. How did Bimbisara extend the territory of Magadhan Empire?
2. Write a note on Mahapadma Nanda.
3. What made Alexander the Great to restore the throne of Porus ?
4. What are the features of a centralised state?
5. Give a brief note on the literary sources for the study of Mauryan state.
6. In what ways did the invasion of Alexander make a watershed in Indian history?

III. Answer the following

1. Mention the urban features revealed by archaeological findings.
2. Explain the features of the monarchies or kingdoms on the Gangetic plains.
3. Highlight the impact of the invasion of Alexander the Great on India.
4. What do you know of Ashoka's campaign against Kalinga?
5. Discuss the extensive trade on textiles carried on during the Mauryan period.
6. Write a note on the commodities traded between India and West and South Asia.

IV. Answer the following in detail

1. Explain the sources for the study of the Mauryan Empire.
2. Describe the salient features of Mauryan polity.
3. Highlight the impact of Persians on India.
4. Give an account of the edicts of Ashoka.

Activity

1. Preparing a chart with information on the edicts of Ashoka.
2. Discussion on the outcome of the conquest of Kalinga.
3. Comparing the present-day system of administration with the Mauryan administration.
4. Making an album with pictures of Sanchi-Saranath pillars and Magadha and Mauryan kings.

GLOSSARY

antithetical	- contrasting	- முரண்பட்ட
inciting	- inducing	- தூண்டும்
acrimonious	- bitter	- கசப்பான
manoeuvring	- planned action	- தூஞ்ச்சி
adversary	- enemy	- விரோதி
negate	- nullify	- செயல்படாததாக்கு
proselytizing	- attempt to convert one's religion	- மதமாற்ற முயற்சி
empathetic	- showing concern for others	- மற்றவர் உணர்வினை மதித்தல்



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Lesson 5

Evolution of Society in South India



Learning Objectives

- To understand the social and political formation in early south India from the third century BCE to the fifth century CE

Introduction

In the Deccan region, encompassing major parts of present day Andhra, Karnataka and Maharashtra, the Satavahanas established a powerful kingdom in the first century BCE. In the south, the three family ruling houses, the Cholas, the Cheras and the Pandyas were their contemporaries, ruling the fertile parts of Tamizhagam. But the Tamil rulers started two centuries earlier as they figure in Asoka's inscriptions of the third century BCE. There were many common things as well as differences in the polity and society of the Deccan and Tamil regions.

Stupas. The stupa is a heap of clay that evolved out of earthen funerary mounds, in which the ashes of the dead were buried. Buddhist stupas evolved out of the burial of the ashes of the mortal remains of the Buddha. Buddhist sacred architecture originated with the eight stupas where the ashes were divided. Hemispherical shape, the stupa symbolizes the universe; and the Buddha represents the emperor of the spiritual universe. The stupa has a path around it for devotional circumambulation.

Sources

Archaeological

- The megalithic burials sites of the early historic period.
- Excavated material from ancient sites, including ports, capital towns, with architectural remains, such as in Arikamedu, Kodumanal, Alagankulam, and Uraiur.
- Buddhist sites with **stupas** and **chaityas** located in Andhra and Karnataka regions (Amaravati, Nagarjunakonda, etc.)

Numismatic

- Coins of pre-Satavahana chieftains and of the Satavahanas from Andhra-Karnataka region.

- The coins issued by the Cheras, Cholas, Pandiyas, and the chieftains of the Sangam Age.
- Roman copper, silver and gold coins.

Epigraphic

- The Asokan inscriptions, written in Prakrit, found in Andhra-Karnataka regions.
- The Tamil-Brahmi inscriptions found in the caves of Tamil Nadu and Kerala such as in Mangulam, Jambai, and Pugalur.
- The Satavahana inscriptions and other Buddhist inscriptions of the Andhra region
- Short inscriptions found on pottery and rings and stones in Tamil Nadu

and some sites outside India, like in Berenike, and Quseir al Qadhim (Egypt).

Literary

- Tamil texts including the Sangam and post-Sangam literature
- *The Arthashastra*, the treatise on economy and statecraft authored by Kautilya
- The *Puranas* which mention the genealogy of the Andhras/Satavahanas,
- Buddhist Chronicles such as *Mahavamsa*.
- *Gatha Saptasati*, a *Prakrit* text composed by the Satavahana king Hala

Classical Tamil Literature

The Classical Sangam *corpus* consists of *Tholkappiyam*, the eight anthologies (*Ettuththokai*), *Paththuppattu*. *Tholkappiyam*, attributed to Tholkappiyar, is the earliest extant Tamil grammatical text dealing not only with poetry but also the society and culture of the times. The *Pathinen Kilkkanakku* (18 minor works) and the five epics belong to post-Sangam times (fourth to sixth century CE) and describe a different social and cultural set-up.

Foreign Notices

The following Greek and Latin sources inform us about the long distance cultural and commercial connections.

- The *Periplus of Erythrean Sea*, an ancient Greek text of the first century CE.
- Pliny the Elder's *Natural History*, first century CE
- Ptolemy's *Geography*, second century CE
- Vienna Papyrus G 40822, a Greek document datable to the second century CE.
- A Roman Map called *Peutingerian Table*

5.1 South India during Mauryan times

The Asokan edicts (c. 270-30 BCE) present for the first time a picture of the political condition in south India. Rock Edict II lists the Tamil ruling houses Cholas, Pandyas, Keralaputras and Satiyaputra as neighbour rulers, lying beyond his domain, where he is said to have made provision for two types of medical treatment: medical treatment for both humans and animals. The Mauryan empire at that time included northern parts of Karnataka and Andhra,

Ettuthogai and Pathupattu collections have about 2400 poems. These poems, varying in length from 3 to 800 lines, were composed by panar, the wandering bards and pulavar, the poets.

The Eight Anthologies are 1. Natrinai; 2. Kurunthogai; 3. Aingurunuru; 4. Patitruppathu; 5. Paripadal; 6. Kalithogai; 7. Akananuru; 8. Purananuru

Pathupattu (ten long songs): 1. Thirumurugatrupatai; 2. Porunaratrupatai; 3. Sirupanatrupatai; 4. Perumpanatrupatai; 5. Mullaipattu; 6. Maduraikanchi; 7. Nedunalvadai; 8. Kurinjipattu; 9. Pattinappalai; 10. Malaipadukadam.

Patinen Kilkkanakku texts, which are post-Sangam works, include eighteen texts, which mostly deal with ethics and moral codes. The most important of them are Thirukkural, and Naladiyar.

Silappathikaram and Manimekalai are the two important epics useful for insights into cultural and religious history.

while the Tamil kingdoms were treated as independent neighbours.

Women Poets of the Sangam Age

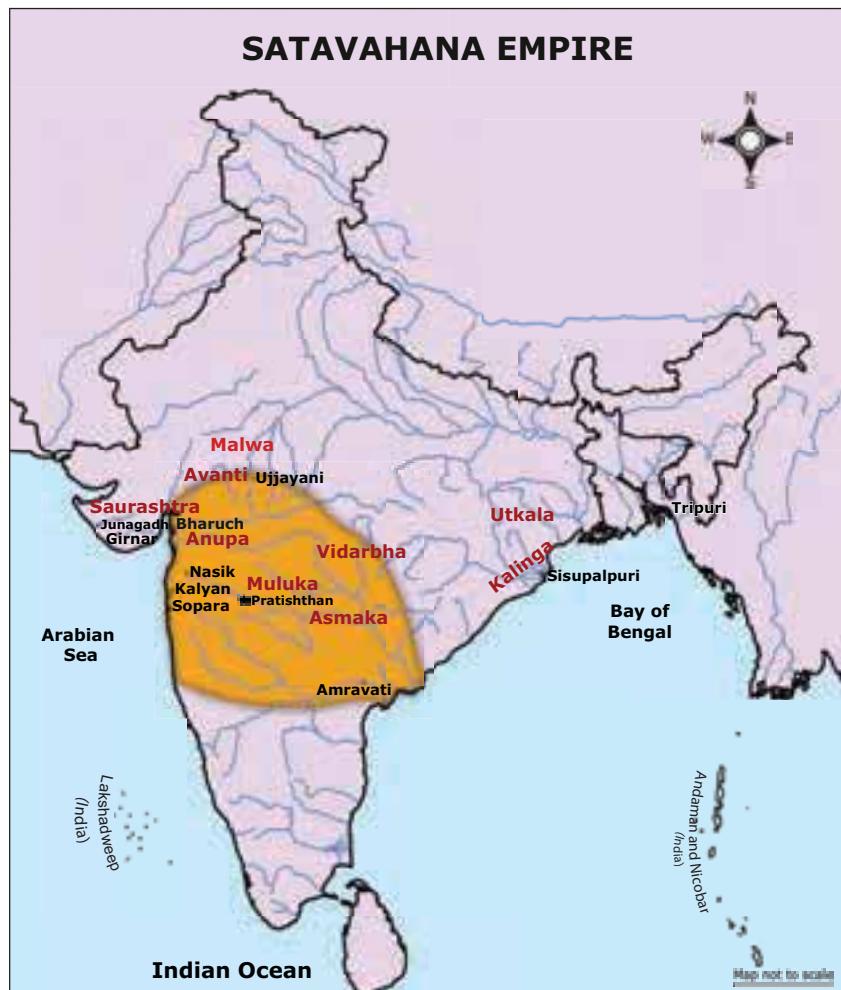
Of the over 450 poets who contributed to the corpus of Sangam poetry about thirty are women. They composed more than 150 poems. The most prominent and prolific among them was Avvaiyar. Others include Allur Nanmullaiyaar, Kaakkaipadiniyar, Kavarpendu, Nalveliyaar, Okkur Masaathiyar, and Paarimakalir.

After the decline of the Mauryan power, and before the rise of the Satavahanas, many small principalities emerged. Although not much information

is available about their rulers, their coins and inscriptions reveal that they were chiefs who controlled small territories.

5.2 South India under the Satavahanas

The Satavahanas emerged in the first century BCE in the Deccan region. They ruled over parts of Andhra, Maharashtra, Karnataka and Madhya Pradesh. From recent archaeological evidence it is understood that the Satavahanas started to rule in the Telengana area and then moved to Maharashtra to rule in the Godavari basin with Prathistan (Paithan in Maharashtra) as their capital. Later they moved eastwards to control coastal Andhra also. The work of Pliny talks about 30 walled towns, a large army, cavalry and elephant force in the Andhra country.





Gautamiputra Satakarni was the greatest of the Satavahana kings. He defeated the Shaka ruler Nahapana and reissued the coins of

Nahapana with his own royal insignia. The inscription of his mother Gautami Balashri at Nashik mentions him as the conqueror of the Shakas, Pahlavas, and Yavanas. He is also said to have performed the prestigious Vedic *asvamedha* sacrifice.

Vasishthiputra Pulumavi, the successor of Gautamiputra Satakarni, expanded the frontiers of the Satavahana Empire. The coins issued by him are found scattered in many parts of south India. Yagnashri Satakarni was another famous ruler who issued coins with a ship motif, indicating the importance of the overseas trade during his reign.



Vasishthiputra Pulumavi

King Hala is credited with the writing of *Gatha Sattasai*, a collection of 700 love poems. Written in Maharshtri Prakrit dialect, it has themes similar to those found in the Tamil Sangam poetry.

The Satavahana Empire declined around the 3rd century CE and was replaced by the Ikshvakus, followed by the Pallavas, in Andhra and the Kadambas in northern Karnataka.

Importance of Satavahana Period

Offering land grants was an important development of the Satavahana times. The beneficiaries of these grants were mostly



Naneghat inscription

Buddhists and Brahmins. The Naneghat inscription refers to tax exemptions given to the lands granted to Buddhist monks. Thus we notice the beginning of priestly groups attaining higher status. These land donations created a group of people who did not cultivate, but owned land. This led to the development of land-based social hierarchy and divisions in the society.

For the first time a big state covering a major part of the Deccan was established. Several rock-cut caves dedicated to the Buddha sangha bear evidence that they were situated in the trade routes linking the interior to the coastal parts of Konkan region. It was also a period of brisk Indo-Roman trade.

5.3 | The Sangam Age

The first three centuries of the Common Era are widely accepted as the Sangam period, as the information for this period is mainly derived from the Sangam literature. More correctly this has to be called as the early historical period and starts one or two centuries earlier, from the second century BCE, as we have clear epigraphical and archaeological evidence, in addition to literary evidence.

The Muvendar

Though the three Tamil ruling families were known to Asoka in the third century BCE itself, some individual names are

known only from the Sangam poems of the first century and later. Known as *muvendar*, ‘the three crowned kings’, the Cheras, Cholas and Pandyas controlled major agrarian territories, trade routes and towns. But the Satiyaputra (same as Athiyaman) found in the Asokan inscription along with the above three houses is a Velir chief in the Sangam poems.

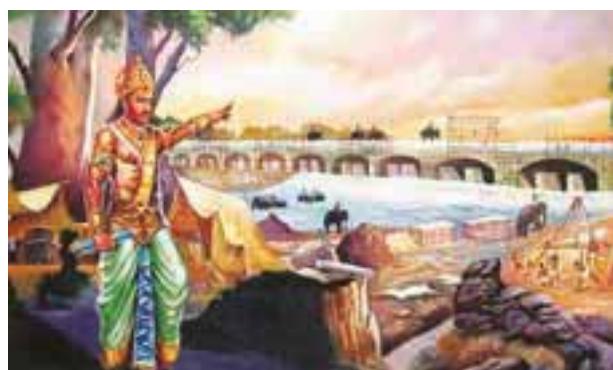
The Cholas controlled the central and northern parts of Tamil Nadu. Their core area of rule was the Kaveri delta, later known as Cholamandalam. Their capital was Uraiyur (near Thiruchirapalli town) and Puhar or Kaviripattinam was an alternative royal residence and chief port town. Tiger was their emblem. Kaviripattinam attracted merchants from various regions of the Indian Ocean. *Pattinappalai*, composed by the poet Katiyalur Uruttirankannanar, offers elaborate descriptions of the bustling trading activity here during the rule of Karikalan.

Karikalan, son of Ilanjetchenni, is portrayed as the greatest Chola of the Sangam age. *Pattinappalai* gives a vivid account of his reign. Karikalan’s foremost military achievement was the defeat of the Cheras and Pandyas, supported by as many as eleven Velir chieftains at Venni. He is credited with converting forest into habitable regions and developing agriculture by providing irrigation through the embankment of the Kaveri and building reservoirs. Kaviripattinam was a

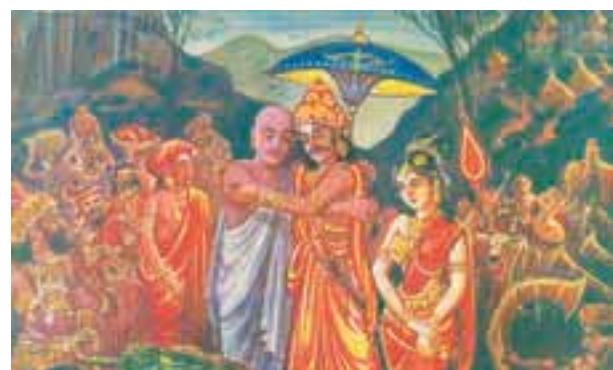
flourishing port during his time. Another king, Perunarkilli is said to have performed the Vedic sacrifice Rajasuyam. Karikalan’s death was followed by a succession dispute between the Puhar and Uraiyur branches of the Chola royal family.

The Cheras controlled the central and northern parts of Kerala and the Kongu region of Tamil Nadu. Vanji was their capital and the ports of the west coast, Musiri and Tondi, were under their control. Vanji is identified with Karur, while some scholars identify it with Tiruvanchikkal in Kerala. Now it is accepted by most scholars that there were two main branches of the Chera family and the Poraiya branch ruled from Karur of present-day Tamil Nadu.

The *Patitrupathu* speaks of eight Chera kings, their territory and fame. The inscriptions of Pugalur near Karur mention Chera kings of three generations. Chellirumporai issued coins in his name. Imayavaramban Nedun-cheralathan and Chenguttuvan are some of the prominent Chera kings. Chenguttuvan defeated many chieftains and is said to have ensured the safety of the great port Musiri by putting down piracy. But the great north Indian expedition of Chenguttuvan mentioned in *Silappathikaram* is however not mentioned in the Sangam poems. He is said to have ruled for fifty-six years, patronising the orthodox and heterodox religions. Some Cheras issued copper and lead coins, with



Karikalan (modern representation)



Cheran Chenguttuvan with Ilango Adigal
(modern representation)

Tamil-Brahmi legends, imitating Roman coins. There are many other Chera coins with their bow and arrow emblem but without any writing on them.

The Pandyas ruled from Madurai. Korkai was their main port, located near the confluence of Thampraparani with the Bay of Bengal. It was famous for pearl fishery and chank diving. Korkai is referred to in the *Periplus* as Kolkoi. Fish was the emblem of the Pandyas. Their coins have elephant on one side and a stylised image of fish on the other. They invaded Southern Kerala and controlled the port of Nelkynda, near Kottayam. According to tradition, they patronized the Tamil Sangams and facilitated the compilation of the Sangam poems. The Sangam poems mention the names of several kings, but their succession and regnal years are not clear.



Coin of Peruvazhuthi

The Mangulam Tamil-Brahmi inscription mentions a Pandya king by name Nedunchezhiyan of the second century BCE. *Maduraikanchi* refers to Mudukudumi-Peruvazhuthi and another Nedunchezhiyan, victor of Talaiyalanganam, and a few other Pandya kings. Mudukudimi-Peruvazhuthi is referred to in the Velvikkudi copper plates of eighth century for donating land to Brahmins. He seems to have issued coins with the legend Peruvazhuthi, to commemorate his performance of many Vedic sacrifices.

Nedunchezhiyan is praised for his victory over the combined army of the Chera, the Chola and five Velir chieftains (Thithiyan, Elini, Erumaiyuran, Irungovenman, and Porunan) at Talayalanganam. He is also given



Nedunchezhiyan (modern representation)

credit for capturing Milalai and Mutthuru (Pudukottai district) two important places from a Vel chief. He is praised as the lord of Korkai, and as the overlord of the southern Paratavar, a martial and fishing community of the Tirunelveli coast.

5.4 Social Formation in Tamil Eco-zones

Sangam poems help us understand the social formation of the time. According to the *thinai* concept, Tamilagam was divided into five landscapes or eco-regions namely *Kurinji*, *Marutam*, *Mullai*, *Neytal* and *Palai*. Each region had distinct characteristics – a presiding deity, people and cultural life according to the environmental conditions, as follows:

Kurinji: hilly region: hunting and gathering

Marutham: riverine tract: agriculture using plough and irrigation.

Mullai: forested region: pastoralism combined with shifting cultivation

Neythal: coastal land: fishing and salt making.

Palai: parched land. Unsuitable for cultivation and hence people took to cattle lifting and robbery.



5.5 Tamil Polity

In a way this *thinai* classification is said to reflect the uneven socio-economic developments of the different localities. That is seen in the political forms too. Three levels of rulers are found: 1) Kizhar, 2) Velir, 3) Vendar. *Kizhar* were the heads of the villages or a small territory, later known as *nadu*. They were the chiefs of tribal communities living in specific areas. The Vendar were kings controlling larger, fertile territories.

The Velir, who were many in number, controlled the territories of varied geographical nature, mainly hilly and forest areas, that were in between the muvendar's fertile territories. Chiefs like Athiyaman, Pari, Ay, Evvi and Irungo each commanded a big area, rich in natural resources. They were generous patrons of the poets and bards. They had military power and there were frequent wars among these chiefs on account of capture of cattle. On many occasions they seem to have united and confronted one or other of the three kings.

There are differing views among scholars, with regard to the political organization of the three kingdoms. The earlier and dominant view is that the Sangam Age society was a well-organised state society. The other view which is put forward in recent decades is that the polities of the Cheras, Cholas and Pandyas were pre-state chiefdoms. The arguments for the latter view are:

1. No social stratification is noticed.
2. Proper territorial association is absent.
3. Destructive warfare did not allow the development of agriculture and surplus production for the emergence of the state.
4. No evidence of taxation as in the governments of North India.

The following counter arguments are presented in response:

- A closer look at the Sangam literature reveals that social differentiation is evident in the Marutham region.
- The territorial associations are very clear in the case of the Muvendar, and their important position is corroborated by the Greco-Roman texts from the first century CE.
- Warfare for territorial expansion was a major theme of *Purathinai*
- Evidence for taxation at the highways and in the port of Kaviripattinam is cited. The Chera king is spoken as receiving the resources from the hills and the port of Musiri.
- Trade played an important role between the late first century BCE and third century CE.

Political Ascendancy of the Vendar

From the chiefs of the Iron Age (c. 1100-300 BCE) emerged the Vendar of the early historic period. While certain chiefs attained higher status (*vendar*) through the larger and effective control of pastoral and agricultural regions, others in the marginal regions remained as chieftains (*velir*). For example, Athiyamans, mentioned as Satiyaputra in the Ashoka inscriptions, became weak and did not attain the status of kings like the Chola, Pandya and Chera *vendar*.

The Vendar subjugated the chieftains and fought with the other two Vendars. For this they mobilized their own warriors, besides seeking the support of some Velir chiefs. The adoption of titles was one of the measures adopted by the Sangam Age Vendar to display their power. Titles such as Kadungo, Imayavaramban and Vanavaramban and

Peru Vazhuthi distinguished themselves from the ordinary people and the Velirs.

The patronization of bards and poets and entertaining them in their courts (*avaiyam*) was probably a step undertaken by the kings to glorify their name and fame and also their territories and towns. For example, the Chola king Karikalan is said to have offered a huge amount of gold coins to Uruttirankannanar who composed *Pattinappalai*.

5.6 Society and Economy

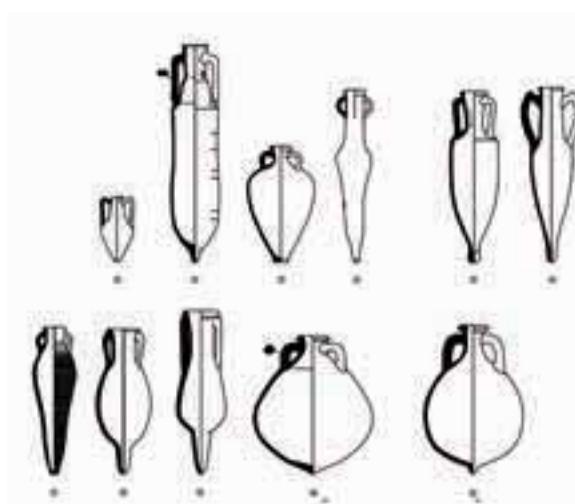
In the Sangam Age the wars waged by the Vendar were involved in expanding their territorial base by annexing the enemy's territories. Endemic warfare presumably created conditions for social disparities. War captives serving in some cult centres are mentioned. Some references to slaves are also found there. Women were actively engaged in economic production and there were a significant number of women poets in the Sangam Age.

There is evidence of craft production such as bronze vessels, beads and gold works, textiles, shell bangles and ornaments, glass, iron smithy, pottery making. Craft production was common in the major urban centres such as Arikamedu, Uraiyyur, Kanchipuram, Kaviripattinam, Madurai, Korkai, and Pattanam in Kerala. *Maduraikanchi* speaks about day markets as well as and night markets selling several craft goods. Raw materials for the production of various objects and ornaments were not available everywhere. Precious and semi-precious stones were collected, which were exchanged for other commodities. Such raw materials reached the industrial centres, where various objects were made, and they were again exchanged for some other produce.

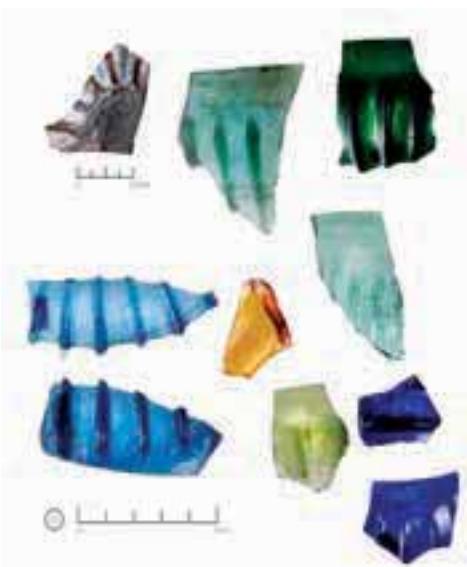


Stones for ornaments, Pattanam

The names of persons mentioned in inscriptions on pottery reveal the presence of non-Tamil speakers, mostly traders, in certain craft centres and towns. Traders from faraway regions were present in the Tamil country. *Manimegalai* refers to Magadha artisans, Maratha mechanics, Malva smiths and Yavana carpenters working in co-operation with Tamil craftsmen. Trade-related terms such as *vanikan*, *chattan* and *nigama* appear in the Tamil-Brahmi inscriptions. Salt merchants called *umanar*, travelled in bullock carts along with their families for trade activities. *Chattu* referred to the itinerary or mobile merchants.



Roman Amphora



Roman Glass Bowls

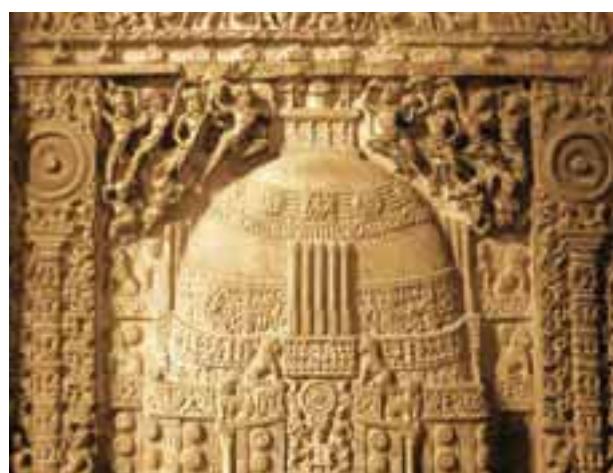
In trade, barter system was much in vogue, though coins were also in use. Roman coins circulated as bullion. Long distance trade existed and the connections with the Roman empire and southeast Asia are in evidence at many archaeological sites. The southern part of India, because of its easy access to the coast and location in the maritime trade route connecting the East and the West, played an important role in the overseas contacts. The major early historic ports have evidence of Roman amphora, glassware and other materials suggesting active maritime activities. The wealth brought by the Romans and the arrival of foreign merchants is evidenced in archaeology as well as literature. Roman gold and silver coins have been found in many hoards in the Coimbatore region and in many other places in south India.

5.7 Ideology and Religion

The earliest evidence of the appearance of formal religious activities appears in the time of the Asoka, when Buddhism reached south India and Sri Lanka. Asoka's daughter is considered to have taken the Bodhi tree to Sri Lanka. There

is a legend associated with the movement of Chandragupta Maurya to Karnataka region before the time of Ashoka. The Satavahanas, Sangam kings and Ikshvahuhs supported Vedic sacrifices. The evidence for the movement of Brahmins and the performance of Vedic ritual practices is found in the Sangam texts. But the *varnasrama* ideology was yet to take root in the Tamil region.

Evidence of Buddhism is widely found in south India. The Krishna and Godavari delta of Andhra had many important Buddhist centres. Archaeological excavations conducted in Amaravathi, Nagarjunakonda, etc. show how deep-rooted was Buddhism. In Tamil Nadu, Kaviripattinam and Kanchipuram have evidence of Buddhist Stupas. But compared to Jainism, the evidence for Buddhism is restricted to a few sites in Tamil Nadu. The numerous cave shelters with Tamil Brahmi inscriptions found in Tamil Nadu show that Jainism was more influential in the Tamil country. Their influence on the common people is not known but we have evidence for the merchants and lay devotees supporting Jain monks by providing rock shelters and offerings. In the post-Sangam centuries



Amaravathi Stupa



Buddha Statue, Nagarjunakonda

Jains contributed substantially to Tamil literature.

5.8 Age of Kalabhras - Post Sangam Period

The period between the Sangam Age and the Pallava-Pandya period, roughly between c. 300 CE and 600 CE, is known as the age of Kalabhras in the history of Tamizhagam. As the three traditional kingdoms disappeared in this interval due to the occupation of their territory by a warlike group called the Kalabhras, this period was called an interregnum or 'dark age' by earlier historians. It was also supposed that many good traits of earlier

Tamil culture disappeared in this interval. This idea of the Kalabhra interregnum is no more accepted as correct.

Rather this is the time when the greatest Tamil work *Tirukkural* was written along with many other works grouped as the eighteen minor works. The epics *Silappathikaram* and *Manimekalai* also belong to this period. As this was the time when the non-orthodox religions, Jainism and Buddhism became more influential, the scholars of the orthodox Vedic-Puranic school seem to have created the impression that the ruling Kalabhras of the time were evil in nature.

The recent interpretation of the period takes it as a period of transition leading to enlarged state societies under the Pallavas ruling over northern Tamilnadu and the Pandyas in the south from the sixth century onwards. To start with, the rulers of these new states were patrons of the Jain and Buddhist religions and gradually they came under the spell of the orthodox Vedic-Puranic religion emerging in the form of the Bhakti cults of Saivism and Vaishnavism. But the influence of Jain and Buddhist religions on the general society was so strong as to evoke much aversion from the Bhakti saints.

A group of inscriptions found at Pulangurichi in Sivagangai district datable to about the middle of the fifth century, name two kings. They are Chendan and Kurran. Though there is no mention about their family or dynasty name, some scholars identify them as Kalabhra rulers. The Kalabhra kingdom seems to have been uprooted by Pandyas around the third quarters of sixth century CE.

SUMMARY

- The history of south India can be traced clearly from about the third century BCE, as script was adopted for writing Tamil, and written evidence in the form of inscriptions and literature are available.
- Economic development with agro-pastoral expansion characterised the Early Historic Period.
- The Cheras, Cholas, and the Pandiyas, who were at the level of chiefdoms in the Iron Age, became kings with the title of Vendar in the Sangam Age.
- The Satavahanas who ruled Andhra, Karnataka and Maharashtra regions were contemporary rulers.
- Buddhism and Jainism had a strong presence in south India. Vedic ideas started to influence the ruling class.
- Sea-borne trade in the Indian Ocean regions and with the Roman world developed.
- The idea of Kalabhra interregnum is contested as cultural activities continued as before in this period.

EXERCISE

I. Choose the correct answer:

1. Karikala was the son of _____
 - (a) Sengannan
 - (b) Kadungo
 - (c) Ilanjetchenni
 - (d) Athiyaman
2. Which of the following pairs is not correct?

(i) Talayalanganam	- Nedunchezhiyan
(ii) Pattinapalai	- Uruttirankannanar
(iii) Gajabahu	- Ceylon
(iv) Tiruvanchikulam	- Cholas

 - (a) (i)
 - (b) (ii)
 - (c) (iii)
 - (d) (iv)
3. _____ performed *Rajasuya* sacrifice
 - (a) Perunarkilli
 - (b) Mudukudumi Peruvazhuthi
 - (c) Simuka
 - (d) Athiyaman
4. Indravihara is mentioned in _____ .
 - (a) Manimegalai
 - (b) Silappathikaram
 - (c) Ashoka inscription
 - (d) Chera coin



II. Answer briefly

1. Explain Barter System.
 2. What do you know from Madurai Kanchi?
 3. What did Hiuen Tsang see in Kanchipuram?
 4. Identify Adukotpattu Cheralathan.

III. Write short notes

1. The five eco-zones of Tamil land during Sangam Age
 2. Karikala as the greatest of early Chola rulers.
 3. Achievements of Gautamiputra Satakarni.
 4. Distinction between Khizhar and Velir.

IV. Write in Detail

1. Sangam polity should be considered pre-state chiefdom. Give your reasons in support of or against this statement?
 2. Describe the administrative structure in the kingdom of Muvendars.
 3. Who were the Kalabhras? What do we know about them from Pulankurichi inscriptions.
 4. Attempt an account of traders and their long distance trade during the Sangam and the immediate post-Sangam period.

Activity

1. Deliberations on various ideas articulated in Thirukkural
 2. Visit to ancient port-towns in the neighbourhood to compile an account of the ruins and the memories of the local people there.

GLOSSARY

numismatic	- pertaining to coins	- நாணயங்கள் பற்றிய
munificence	- generosity	- கொடை; வள்ளன்மை
corroborate	- confirm	- உறுதிப்படுத்து
exalted	- dignified	- உயர்ந்த
insignia	- emblem	- அதிகாரச் சின்னம்
interregnum	- the interval	- இடைப்படி காலம்
amalgamate	- combine, come together	- இணை
commemoration	- celebration in honour of or in memory of	- கொண்டாட்டம்



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Lesson 6

Polity and Society in Post-Mauryan Period



DE2CC4

Learning Objectives

- To learn the cultural influence of Greeks on India
- To know the Indo-Greek rulers and their contributions
- To have knowledge about invasion of Sakas, Pahlavis of Parthians and Kushanas from Central Asia
- To gain understanding of the importance of contact between India and Central Asia
- To understand the reciprocal influence on art and literature
- To gain insight into the magnitude of trade with Rome and its impact on economy

Introduction

In the four centuries following the death of Emperor Asoka and the resulting decline of the Mauryan Empire, parts of India were subject to the invasion of the Indo-Greeks, Sakas and Kushanas from West and Central Asia. All of them established themselves as rulers over large parts of India. This strengthened the process of acculturation and the assimilation of foreign cultures and art forms into Indian society. It also resulted in the integration of India with the Mediterranean world and Central Asia and China through extended trade linkages.

6.1 Indo-Greek Relations

The Beginnings

India's interaction with the Greeks began with the invasion of north-western India by Alexander (327–325 BCE) and his

conquest of the Punjab region. When he began his return march to the West, he left the conquered territories under provincial governors. One of Chandragupta Maurya's early military expeditions was against these foreign intruders.

Seleucus Nicator, one of Alexander's most capable generals, succeeded in making himself the master of a vast territory from Phrygia (Turkey) to the river Indus after 311 BCE. Within a few years, probably around 305 BCE, Chandragupta waged a war against Seleucus and defeated him. However, this was not the savage defeat that happened to Alexander's governors. Instead, Chandragupta made a peace treaty with Seleucus. Seleucus surrendered the land he had conquered up to the Indus and received 500 war elephants in return. There is also mention of a marriage agreement. The treaty also led to the establishment of diplomatic

relations between the Greeks and the Mauryan emperor. Megasthenes was sent to the Mauryan capital Pataliputra as the Greek ambassador.

Bindusara, Chandragupta's son, continued to maintain friendly ties with the Greek kingdoms in West Asia. Greek historians refer to ambassadors sent by Ptolemy II of Egypt and to Bindusara's correspondence with Antiochus of Syria. Asoka also continued the tradition of friendly relations with the Greek kingdoms. His Rock Edict (13) mentions five *yona* kings, identified as Antiochus II Theos of Syria, Ptolemy II Philadelphus of Egypt, Antigonus Gonatas of Macedonia, Magas of Cyrene and Alexander of Corinth. This also indicates that the relations of Asoka with the Greeks extended beyond West Asia well into the heartland of Greece.

We now come across the term *yavana* (or *yona*) for Greeks, which was used throughout India. The word was derived from the Persian word *yauna*, which referred to Greeks. In India the term *yavana* was used to denote all persons of Greek origin, including those of mixed race and even the Phoenicians.

This regular interchange of ambassadors and correspondence, as well as the extension of the Mauryan Empire till Afghanistan, facilitated regular trade from India to the West as far as Egypt. Trade was carried on by the overland route via north-west Afghanistan (Bactria) and also partly by the coastal route along the Persian Gulf and Red Sea. A variety of luxury goods, including ivory, tortoise shell, pearls, indigo and other dyes, aromatic substances like spikenard or nard (a fragrant oil from the Gangetic region) and malabathrum (leaf of cinnamon, used as an aromatic) and rare woods were exported from India.

The cultural influence of the Greeks is evident from the capitals of monuments

at Pataliputra. Many historians argue that the elaborate administrative institutions of the Mauryan Empire drew inspiration from the administrative systems of the Persians and Greeks. The eventual rise of Indo-Greek kingdoms in western India strengthened these cross-cultural influences and gave rise to a distinct school of art.

Indo-Greek kings

The Seleucid Empire, which extended from northern Afghanistan (Bactria) to Syria, began to weaken and disintegrate after 250 BCE. The governor of Bactria, Diodotus, revolted against Antiochus II and became the independent ruler of Bactria. In 212 BCE, the king of Bactria was a Greek named Euthydemus. The Seleucid emperor Antiochus III was unable to subjugate Euthydemus and agreed to negotiate a settlement with him, since Antiochus himself needed to turn his attention to his dominions in the West. But Antiochus III did come down the Kabul river and managed to defeat the local Indian king, known as Subhagasesna. Nothing much is known about this king. It can be inferred that the mention of an independent king in the region might be an indication of the weakening of the central authority of the Mauryan Empire after Asoka's death in 236 BCE.

Demetrius

Euthydemus's son Demetrius succeeded him (c. 200 BCE), and another Demetrius, probably Demetrius II, was the first known Indo-Greek king (c. 175 BCE). The distinguishing feature of the reign of the Indo-Greek kings was their exquisite coinage. Minted in the same style as Greek coins of silver, they carried the portrait of the reigning king on one side with his name. The coins thus give us a visual

picture of the kings, who are represented in various kinds of headgear and with distinctive facial and physical features. Extensive collections of these coins have been found from the period, which makes it possible to reconstruct the lineage of the Indo-Greek kings with certainty.

Indian accounts of the period refer to the *yavana* invasion of Ayodhya (Saketa) and further east into the Magadha territory. However, since the Greeks seem to have been beset by internal dissensions, they did not retain any of this territory. They ceded land to Pushyamitra, the Sunga emperor who had usurped the throne after the last Mauryan ruler. Numismatic evidence also proves Demetrius's association with India. He issued bi-lingual square coins with Greek on the obverse and Kharoshthi (the local language of north-western Pakistan) on the reverse.



Demetrius II

At about 165 BCE, Bactria was lost to the Parthians and Sakas. After this, the *yavanas* continued to rule in central and southern Afghanistan and north-western India. The Greeks continued to be beset with internal squabbles among many claimants to power, and the names of more than thirty kings can be identified from their coins. It is possible that they all ruled small pockets as autonomous rulers and issued their own coinage.

Menander

Menander (c.165/145–130 BCE) was the best known of the Indo-Greek kings. He is said to have ruled a large kingdom in the

north-west of the country. His coins have been found over an extensive area ranging from the valleys of the Kabul and Indus rivers to as far as western Uttar Pradesh. This gives a good indication of the extent of his kingdom. Though he does not look like a great and heroic conqueror as seen in his coins, he is said to have raided the Gangetic region along with the kings of Panchala and Mathura. King Kharavela of Kalinga mentioned in the Hathigumpha inscription, was not able to stop him. Menander successfully attacked Pataliputra, but retreated without consolidating his conquest. Interestingly, in his coins, he is described as "king" and "soter" or saviour, and not as a great conqueror.

Menander is mainly remembered as the eponymous hero of the Buddhist text, *Milinda-pinha* (questions of Milinda), in which he is engaged in a question-and-answer discussion on Buddhism with the teacher Nagasena. He is believed to have become a Buddhist and promoted Buddhism.



Menander

Another Indo-Greek king whose name is remembered is Antialcidas (or Antialkidas), c. 110. He is known to us primarily because his emissary, Heliodorus, who was sent to the court of King Bhagabhadra erected a pillar or *garudadhvaja* with its capital adorned by a figure of Garuda, in honour of God Krishna (Vasudeva). Heliodorus had evidently become a follower of Vishnu. (The pillar stands in isolation in the middle of an open ground in Vidisha, Madhya Pradesh.)

Indian interactions with the Greeks was not limited to the Indo-Greek kings. Greeks were becoming known and their presence recorded throughout the sub-continent. Merchants, sailors and many others of Greek origin were travelling to India, so there was a continued interaction with the Greeks.

6.2 Sakas, Parthians and Kushanas

The Indo-Greek kingdoms in north-western India were ousted by various nomadic tribes from Central Asia, known as the Sakas (Scythians), Parthians (Pahlavis) and Kushanas (yueh-chi or yuezhi tribes in Chinese). In spite of the fact that they followed the Greek practice of issuing vast amounts of coinage with their names and titles (mostly “king of kings”), this is a very confusing period in our history. It is a daunting task to try and work out the lineage of various ruling clans and dynasties that came into India.

The first question that arises is: why and how did nomadic tribes turn to war and conquest? The advent of these tribes in India arose as a result of a complex sequence of migrations and political developments in Central Asia. In the eastern part of Central Asia, the Yueh-chi were being pushed

westward by the Chinese who had built the Great Wall to keep out nomads and to protect their villages and agriculture from their raids. The Yueh-chi, in turn, turned westward and pushed the Sakas towards eastern Iran, where the Parthians had become rulers following the collapse of the Seleucid empire. As a curious historical event, in 58 BCE, the independent Parthian kingdom of eastern Iran was established by the Parthian Vonones (or Azes, according to some historians). This year was taken to denote the start of the *Vikram samvat* era, the Indian calendar.

Sakas

The Sakas were pushed back from eastern Iran by the Parthian ruler Mithradates (188–123 BCE), and they then turned to north-western India and finally settled in the region between the Indus valley and Saurashtra. The first Saka ruler in India was Maues or Moa/Moga (20 BCE to 22 CE). He occupied Gandhara, driving a wedge into the Indo-Greek kingdoms, but it was his successor Azes who finally destroyed the last remnants of the Indo-Greek kingdoms and extended Saka rule as far as Mathura.

In India, the Sakas became assimilated into Hindu society. They began to adopt Hindu names and religious beliefs, so much so that their coins had representations of Hindu gods on one side. The Sakas appointed *kshatrapas* or satraps as provincial governors to administer their territories. Many of the *kshatrapas* titled themselves *mahakshatrapas* and were virtually independent rulers.

One of the most famous of the Saka *kshatrapas* was Rudradaman (130–150 CE). His exploits are celebrated in the famous rock inscription of Junagadh (in Gujarat). According to this inscription, he had even defeated the Satavahanas in battle. His name indicates that the process of assimilation into Indian society was complete by that time.



Junagath Inscription of Rudradaman

Kushanas

The Sakas were displaced by the Parthian Gondophernes, who first conquered Kabul (c. 43 CE). He lost the Kabul valley to the Kushanas, but he was successful against the Sakas in India. Records of his rule have been discovered in Peshawar district. The Sakas approached the Kushanas (*yueh-chi*) for war help against the Parthians. The first Kushana king who conquered Afghanistan was Khujula Kadphises, followed by Wima Kadphises. The two kings extended Kushana territory to Gandhara, Punjab and as far to the east as the Ganga-Jumna doab till Mathura.

Kanishka

The best known of the Kushana kings was Kanishka, who is thought to have ruled from 78 CE till 101 or 102 CE. Ironically, 78 CE is held to be the beginning of the “Saka era” in the Indian calendar. Historians are,

hence, divided about Kanishka’s period. His rule is said to have started anywhere between 78 and 144 CE. Kanishka was an ardent follower of Buddhism and hosted the fourth Buddhist *mahasangha* or council (the third council had been held in Pataliputra during Asoka’s reign). By now Mahayana Buddhism had become the dominant sect, and Kanishka supported the missions sent to China to preach Buddhism.



Kanishka



Kanishka Coin

Kushana coins were of the highest quality and conformed to the weight standards of Roman coins. In the coins, Kushana rulers are referred to as “king of



kings”, “Caesar”, “lord of all lands” and by other such titles. Unfortunately, the titles did not leave much room on the coins for the actual name of the ruler. Hence our information on the Kushana kings tends to be very uncertain. Kanishka’s coins as well as his statue found near Mathura show him dressed in a belted tunic along with overcoat and wearing boots, testifying to his Central Asian origins.

The Karakoram highway, a joint project between China and Pakistan, which was completed in 1979, has yielded great dividends for archaeologists and historians. The rock of Hunza mentions the first two Kadphises and the *Kusana devaputra* (son of God) Maharaja Kaniska. This inscription confirms that Kanishka’s empire stretched from Central Asia till eastern India. Buddhist sources record that he had conquered Magadha and Kashmir and Khotan in Sinkiang.

The artefacts found along the Karakoram highway also establish that this was the route taken by Buddhist monks travelling to China on their mission to spread Buddhism. Merchants followed the missionaries, so this became a major commercial route for the import of Chinese silk and horses from the West into India. Indian merchants established themselves in various towns in Central Asia and seized the opportunity to become intermediaries in the luxury trade between China and the Roman Empire, since merchants from the West did not want to venture further east beyond Central Asia.

Kushana kings, mostly with their names ending with -shka (among them Huvishka and Vasishka as well as later Kanishkas and even Vasudeva), ruled for at least one century more, but nothing much is known about them. Clearly the empire was beginning to break down, and the satraps (the Kushanas also continued the practice of appointing satraps to govern the provinces) were able to set themselves up as independent rulers in various regional capitals.

Art and Literature

During the reign of Kushanas, there was great creative energy when art and literature flourished. This was partly due to royal patronage and partly due to other factors, like the growing ascendancy of Mahayana Buddhism, which allowed the representation of the person of



Gandhara Art

Buddha in human form. The Greek influence led to an Indo-Greek style of sculpture and art commonly referred to as Gandhara art. Statues of Buddha, sculpted particularly in Taxila and the north-western regions, show him in graceful garments, surrounded by cherubs and leaves inspired by the Greek tradition. But mention must also be made of the red sandstone sculpture with intricate carving produced near Mathura.

The Buddhists began to carve out rock caves in the hills of western India, which served as religious centres with *chaityas* and *viharas*, stretching from the Ajanta caves to the Kanheri caves in Mumbai. Large statues of Buddha were sculpted in these caves as a part of the Mahayana tradition, and in later centuries, they were further embellished with murals of extraordinary beauty, as seen in the Ajanta caves.

Kanishka was the patron of Buddhist philosophers such as Asvaghosha, Parsva and Vasumitra, as well as the great Buddhist teacher Nagarjuna. Asvaghosha is known for his *Buddhacharita* and is celebrated as the author of the first Sanskrit play, *Sariputraprakarana*, in nine acts. The great dramatist Bhasa, whose plays were re-discovered only about a hundred years ago in South India, most probably belonged

to this period. Among the Hindu treatises, we find the *Manusmriti*, Vatsayana's *Kamasutra* and Kautilya's *Arthashastra* taking final shape by the second century CE.

Gandhara Art

Situated in the cross-roads of cultural influences, Gandhara region was influenced by Greek and Roman culture. Gandhara school of art developed in the first century Common Era. During the time of Kushana Empire, in view of its contact with Rome, the techniques of Roman art were assimilated and applied in north-western India. The Gandhara art is famous for the portrayal of Buddha in a spiritual state, eyes half-closed in meditation.

6.3 The Tamil Kingdoms

Southern India remained immune to the political changes taking place in the northern part of the country. Around the first century CE, the Satavahana kingdom was established in the Deccan area, comprising the modern states of Andhra Pradesh and Telangana. This, however, was not like the centralised empire of the Mauryas, and the provincial governors of the Satavahanas had a considerable degree of autonomy.



Image of Satavahana King
Gautami Putra Satakarni

The political landscape of the Tamil region was fragmented into small kingdoms, in contrast to the north where extensive empires flourished. The Tamil region was ruled by *muvendar*, the three kings – the Pandyas from their capital Madurai, the Cholas from their capital Uraiyyur (now a suburb of the city of Tiruchi), and the Cheras from Vanji (modern-day Karur).

We know that these kings were known to the Mauryas even in the 3rd century BCE and Asoka's second rock edict mentions them as kingdoms bordering his empire. However, there were many war lords and chiefs (often referred to as *velir*) who were ruling over smaller principalities in the region.

We have extensive information about the Tamil region coming from the corpus of Tamil poetry collectively known as the Sangam literature, dating from the third century BCE to the third century CE. To these we can add the epics *Silappadikaram* and *Manimekalai*, which were written somewhat later. The very large volume of trade with the Tamil region evoked a great deal of interest among the Roman and Greek historians and geographers, and their accounts complement the information in the Tamil sources, especially with respect to trade. A first century CE account in Greek, the *Periplus of the Erythrean Sea (Periplus Maris Erythraei)*, is the most reliable source of information on the ports of the Indian coast and trade. Archaeological findings confirm the information from all these sources.

Contours of International Trade

Two major developments changed the contours of trade between Europe and India towards the beginning of the Common Era. By the end of the last century BCE, Rome emerged as the superpower of the Mediterranean world, displacing the Greek kingdoms, and the republic became an empire in 27 BCE under Emperor Augustus. Rome was the largest and, probably, the wealthiest city in the world commanding huge resources realised through conquests in Europe and North Africa. The wealth of Rome greatly increased the demand for various products from India, especially the spices and textiles of the Tamil country, resulting in a great expansion of trade.



Roman Trade-Ship

The second development was the discovery of the pattern of monsoon winds in the Arabian Sea in the first century CE by Hippalus, an Egyptian sailor. Till then, the sea trade between India and the Mediterranean world was controlled by the Arabs. Arabs had a monopoly of the knowledge of the source regions of products such as cinnamon and pepper, which formed the main export to Rome. But when the information about the direct sea route became common knowledge, Roman ships began to sail directly to the western coast of India. They could thus avoid sailing close to the coastline, which made them vulnerable to attacks by pirates. Further, this also meant that the overland route could be circumvented completely, since traders on that route were also vulnerable to attacks by Parthians in Iran. The ultimate result of the combination of the growing demand from Rome and the opening of the direct sea route to western India was a increase in the number of ships sailing to India from about twenty ships a year to almost one ship a day.

6.4 Trade Between Tamizhagam and Rome

Trade had flourished between the Tamil country and Rome even when Rome was a republic. Roman coins and artefacts of the period have been excavated at Arikamedu, near Pondicherry, which is said to have been an Indo-Roman trading station. Before the first century of the Common

Era, Roman ships did not venture past the western coast of India around Cape Comorin. So the ports on the west coast were the main ports involved in trade with Rome. From the west coast, the Roman traders travelled overland through the Palghat pass to production centres further east. Kodumanal and Padiyur in Erode and Vaniyampadi near Salem had mines producing beryl, which was a gemstone in high demand in Rome. In addition, Chennimalai near Erode produced iron and steel (remnants of furnaces and slag have been found here), which was also exported to Rome. This is the reason why the finds of Roman coins of the earlier period are concentrated in Coimbatore, Erode, Salem and Karur districts.



Muziri papyrus document



By the end of the first century CE, however, Roman ships had begun to sail to ports on the Coromandel (east) coast of Tamil Nadu, and many of these ports are mentioned in the *Periplus*. On the west coast, the main ports were Naura (Cannanore) and Tyndys/Tondi (Ponnani), which were said to be on the northern border of the Tamil country of the Cheras. Musiri or

Muziris was an important port located further south. Traditionally identified as Kodungallur, the recently undertaken Muziris excavation locates the port at Pattanam, a few kilometers away. Muziris was probably the busiest port on the coast. A recently discovered trade agreement written on papyrus between a merchant of Muziris and a merchant of Alexandria indicates the large consignments of cargo carried even by individual merchants. According to Sangam poetry, Musiri was the centre of two circuits of trade. Boats came in from the interior carrying rice and took back fish, which indicates a kind of barter trade in the primary consumption goods. At the same time, sacks of pepper were brought to the market and were exchanged for gold, which came in the ships, which in turn, was transported on barges to the shore.

The ships sailing from India to Rome carried pepper, a large quantity of pearls, ivory, silk cloth, spikenard (a fragrant oil from the Gangetic region which was much in demand for personal use among wealthy Romans) malabathrum, the leaf of the cinnamon tree, again used as an aromatic, sapphire, beryl, diamonds and tortoiseshell. As Roman ships began to trade with the Coromandel coast, the fine cotton textiles of the region were also exported. From Rome, the main imports were coin, topaz, antimony, coral, crude glass, copper, tin and lead and wine. Clearly, the value of the exports from the Tamil region was much higher than the value of imports from Rome, and the volume of trade peaked in the second half of the first century CE, during the reign of Emperor Tiberius. The growing trade imbalance, which had to be met through exports of coins or silver, became a source of concern. There was a complaint that each year the trade to India caused a drain of 55 million sesterces to Rome. Ultimately Emperor Vespasian passed laws to curb the luxury consumption of the wealthier classes in Rome, and imports from India

subsequently comprised only cotton textiles and pepper, which were relatively low-value commodities.

A further change in the trading pattern evolved because of the increased vulnerability of the traditional overland silk route. Silk cloth and yarn from China were carried by sea to the Coromandel ports, from where they were transshipped to Rome. Information about the trade relations of the Tamil region with the south-east and further east is very scanty. However, tortoiseshell (an important export to Rome) was sourced from islands near Malaya in the Indian Ocean, while silk came from China. There was also constant interaction with Java and Sri Lanka, which are mentioned in Tamil literature almost as extensions of Tamil Nadu, and Buddhism was probably the connecting link, which brought these countries together.

Foreign merchants (*yavanas*)

The expansion of overseas trade and shipping brought foreign merchants and sailors to the Tamil region. Because of the seasonal nature of the monsoon winds, and the prevailing levels of technology, long voyages necessitated long periods of stay in host countries. We find interesting insights into the response of Tamil society to the presence of these foreign merchants. Puhar was the most important port on the Coromandel coast. Here, *yavana* merchants lived in especially ear-marked residential quarters in the harbour area. Though they were allowed to trade freely, and were noted for their attractive goods, there was a good deal of reserve in the attitude of the local Tamils to foreign merchants who were considered an alien, barbaric people, who spoke a harsh-sounding language.

Other *yavanas* also came with the merchants. The fortress of Madurai was guarded by *yavanas* carrying large swords. There are also references to *yavana*

metal workers and carpenters, who were described as “hard-eyed” probably because they had grey or blue eyes. All these may not have been strictly of Greek origin, as implied by the term *yavana*, which had become a generic word to denote persons from the eastern Mediterranean regions.

Trade and the Economy: The Larger Picture

The magnitude of the expansion of trade that is evident in this period could have been achieved only through major changes to the production base of the economy. Even in the case of primary products like mined gemstones like beryl, increased demand would have involved more labour to work the mines, more implements and more capital. In the case of textiles, there would have been a considerable increase in weaving activity and in the subsidiary activities like spinning to produce the yarn for weaving, and perhaps even growing more cotton to increase the supply of the raw material. Growing trade thus would lead to a considerable degree of expansion of the economy.

Merchants became more visible and important as trade grew. There were merchants dealing with specific products like food grains, cloth, gold and jewellery in the markets of the big cities. Merchants were also involved in overseas trade, as well as overland trade. Thus, the circuits of trade became more specialised with institutionalised arrangements to support the expanding commercial activities.

One of the most important questions that arises is what was the extent to which money was used in commerce. This is difficult to answer. In all pre-modern economies, barter was an important medium of exchange. For instance, salt merchants of the Tamil region carried salt in their carts from the coastal areas of the east inland, travelling together in

groups. It is more than probable that they exchanged their salt for other goods and necessities, rather than selling the salt for money. However, the extent of the overland and overseas trade, as well as the descriptions of the city markets in the literature would imply that money was the main medium of exchange.



Roman coins



Chera coins

The Roman coins that have been found in various centres substantiate this inference. Locally, imitations of Roman coins were also minted, primarily to increase the supply of money in circulation. Fairly large volumes of Chera coins have also been found in the bed of the Amaravati river. The very large quantities of Indo-Greek and Kushana coins found in North India would lead to a similar conclusion about the level of monetisation. All this would lead to the inference that there was considerable use of money as the medium of exchange in the ancient period.

Conclusion

The centuries in discussion in this chapter were not a period of great political stability. With the exception of Kanishka, the invaders in North India did not consolidate their conquests by establishing large, stable

empires. Even Kanishka ruled only for a relatively short period, and his empire slowly fell apart after his death. The Tamil region did not have the unifying force of a large empire and was fragmented into relatively small kingdoms and even smaller principalities. The most important development of this period both for the north and the south was the great expansion of trade. From the north, trade relations extended to China in the east

and up to the known Mediterranean world in the west. For the south, in addition to internal trade and circuits of exchange, there was exponential growth in overseas trade to the west, and also to the east up to China. The result would be seen in a considerable degree of economic growth and increased prosperity, which is evident from the excavations of cities as well as the descriptions of urban centres in Tamil poetry.

SUMMARY

- The invasion of Greeks led to the reciprocal influence.
- In India, after Alexander's death, his general Seleucus Nicator, succeeded to the region across north-western India as a ruler and consequently diplomatic relations were established.
- The Seleucid Empire got weakened and as a result, following a couple of his successors, Menander, the best known of Indo-Greek Kings ruled the empire.
- The Indo-Greek kingdom was ousted by the Sakas followed by the Parthians and the Kushanas. The Sakas appointed *kshatrapas* or provincial governors to administer the territories.
- Rudradaman was the most famous Saka ruler. After him, the Sakas were displaced by the Parthians who were succeeded by the Kushanas.
- The best known of the Kushanas was Kanishka who was an ardent follower of Mahayana form of Buddhism. Gandhara art developed during his period.
- Buddhist philosophers such as Asvaghosha, Parsva, Vasumitra and Nagarjuna were patronised by Kanishka.
- In South India, Satavahana kingdom was established in the first century CE. *Muvendar* (Chola, Chera and Pandya) were dominant in this region.
- Trade developed between the Tamil country and Rome. Puhar became an important port on Coramandel coast. *Yavana* merchants lived in port towns.
- These centuries were not a period of political stability. Yet, expansion of maritime trade led to economic growth and prosperity.

EXERCISE**I. Choose the correct answer:**

1. _____ was one of the most capable generals of Alexander.
(a) Seleucus Nicator (b) Antigonus (c) Antiochus (d) Demetrius

2. Megasthenes was sent by Seleucus Nicator to the capital Pataliputra as the _____ ambassador.
(a) Roman (b) Greek (c) Chinese (d) British

3. The regular interchange of ambassadors and correspondence _____.
(a) affected the regular trade from India to the West
(b) facilitated regular trade from India to the West
(c) facilitated regular trade from India to the East
(d) none of the above

4. _____ was the best known of the Indo-Greek kings.
(a) Euthydemus (b) Demetrius (c) Menander (d) Antialcidas

5. Kushana coins were of higher quality than that of _____ coins.
(a) Roman (b) Greek (c) Gupta (d) Satavahana

6. Indo-Greek style of art and sculpture is referred to as _____.
(a) Mathura art (b) Gandhara art (c) Bagh art (d) Pala art

7. Which of the following is not correctly matched?

(a) <i>Buddhacharita</i>	-	Asvagosha
(b) The Periplus of the Erythrean Sea	-	Megasthenes
(c) Arthashastra	-	Kautilya
(d) Kamasutra	-	Vatsyayana

8. The most famous Saka *kshatrap* was _____.
(a) Moga (b) Rudradaman (c) Azes (d) Yesovarman

9. The contours of trade between Europe and India was changed towards the beginning of the Common Era because
 - (i) Rome emerged as the super power of the Mediterranean world by the end of the last century BCE.
 - (ii) The discovery of the pattern of the monsoon winds in the Arabian Sea by Hippalus was in the first century CE.
 (a) (i) is correct (b) (ii) is correct
 (c) Both (i) and (ii) are correct (d) Both (i) and (ii) are wrong

10. Roman coins have been excavated at _____.

- (a) Arikamedu (b) Adhichanallur (c) Puhar (d) Pallavaram

II. Attempt a brief note on the following

1. What led to the integration of India with the Mediterranean world, Central Asia and China?
2. What was the result of the war between Chandragupta and Seleucus Nicator?
3. What is meant by the term *Yavana*?
4. “Menander is said to have ruled a large kingdom in the North West of the country.” Elaborate.
5. Write a short note on “Kshatrapas”.
6. Make a list of the following: Items exported to Rome; Items imported into India from Rome.
7. Explain the contribution of merchants to the expanding trade and commerce.

III. Write short answers

1. Point out the speciality of the coins of Demetrius.
2. What do you know of Menander?
3. “The Roman coins of the earlier period are concentrated in Coimbatore, Erode, Salem and Karur districts.” Why?
4. “Muziri was the centre of two circuits of trade.” How?
5. Explain the importance of money as medium of exchange.
6. Highlight the cultural influence of India’s contact with Greeks.

IV. Write answers in detail

1. “The rise of Indo-Greek kings in Western India strengthened trade and cultural contacts”. Explain.
2. Discuss the contribution of Kanishka to art and literature.
3. Explain how Rome emerged as the super power of the Mediterranean world.
4. Given an account of the Tamil Kingdoms of first century CE.

Activity

1. Collect interesting information about India by Megasthenes.
2. Explore the coinage of Indo-Greeks.
3. Compare and contrast Mahayana and Hinayana forms of Buddhism.
4. Locate Rome as an important commercial hub on the world map.

GLOSSARY

acculturation	- adapting to the surrounding culture	- பிற பண்பாடு ஏற்றல்
eponymous	- the person after whom someone is named	- பெயருக்குரிய
daunting	- discouraging	- ஊக்கம் இழக்கத்தக்க
embellished	- add beauty	- அழகு படுத்து
squabble	- argument	- சச்சரவு
doab	- a fertile tract of land between two adjacent rivers	- ஒரு நதிகளுக்கிடையில் காணப்படும் செழுமையான நிலப்பகுதி



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ICT CORNER

Polity and society in Post-Mauryan Period

This activity is to explore Maps. You can know about countries, capitals, flags and cities in all the continents using Educational Interactive Game Seterra Map Quiz.



Steps:

- Open the Browser and type the given URL (or) Scan the QR Code.
- Free Map Quiz page will appear on the screen.
- Scroll down and you can select any continent or country (ex. Indian Cities)
- Explore various places on the map, play and engage in quiz activities



Step1



Step2



Step3



Step4

Browse in the link

Web: <https://online.seterra.com/en/>

Mobile : <https://play.google.com/store/apps/details?id=com.seterra.free>

*Pictures are indicative only.



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Lesson 7

The Guptas



Learning Objectives

- To learn the importance of Gupta rule in Indian history.
- To understand the significance of land grants and its impact on agricultural economy of the empire.
- To acquaint ourselves with the nature of the society and the socio-economic life of the people of the time.
- To know the development of culture, art and education during the period.

Introduction

After the Mauryan empire, many small kingdoms rose and fell. In the period from c. 300 to 700 CE, a classical pattern of an imperial rule evolved, paving the way for state formation in many regions. During this period, the Gupta kingdom emerged as a great power and achieved the political unification of a large part of the Indian subcontinent. It featured a strong central government, bringing many kingdoms under its hegemony. Feudalism as an institution began to take root during this period. With an effective guild system and overseas trade, the Gupta economy boomed. Great works in Sanskrit were produced during this period and a high level of cultural maturity in fine arts, sculpture and architecture was achieved.

The living standards of upper classes reached a peak. Education, art and study of science progressed, but the feudal system of governance put people in some form of hardship. Although some historians proclaim that Gupta period was

a golden age, it is not entirely accurate. Many scholars would, however, agree that it was a period of cultural florescence and a classical age for the arts.

Sources

There are three types of sources for reconstructing the history of the Gupta period.

I. Literary sources

- Narada, Vishnu, Brihaspati and Katyayana smritis.
- Kamandaka's *Nitisara*, a work on polity addressed to the king (400 CE)
- *Devichandraguptam* and *Mudrarakshasam* by Vishakadutta provide details about the rise of the Guptas.
- Buddhist and Jaina texts
- Works of Kalidasa
- Accounts of the Chinese traveller Fahien

II. Epigraphical Sources

- Mehrauli Iron Pillar inscription – achievements of Chandragupta I.
- Allahabad Pillar inscription – describing Samudragupta's personality and achievements in 33 lines composed by Harisena and engraved in Sanskrit in Nagari script.



Mehrauli Iron Pillar

III. Numismatic Sources

- Coins issued by Gupta kings contain legends and figures. These gold coins tell us about the titles the Guptas assumed and the Vedic rituals they performed.

Origins of the Gupta Dynasty

Evidence on the origin and antecedents of the Gupta dynasty is limited. The Gupta kings seem to have risen from modest origins. Chandragupta I, who was the third ruler of the Gupta dynasty married Kumaradevi, a Lichchavi prince. The marriage is mentioned in the records of his successors with pride indicating that that royal connection would have contributed to the rise of Guptas. Lichchavi was an old, established *gana-sangha* and its territory lay between the Ganges and

the Nepal Terai. According to Allahabad pillar inscription Samudragupta, the illustrious son of Chandragupta I, had conquered the whole fertile plains west of Prayag to Mathura and launched a spectacular raid through Kalinga into the south as far as Kanchipuram, the Pallava capital. The Puranas mention Magadha, Allahabad and Oudh as the Gupta dominions.

7.1 Chandragupta I and Empire Building

The first ruler of the Gupta Empire was Sri Gupta (240–280 CE) who was succeeded by his son Ghatotkacha (280–319 CE). Both Sri Gupta and Ghatotkacha are mentioned as Maharajas in inscriptions. Chandragupta I, the son of Ghatotkacha, ruled from 319 to 335 CE and is considered to be the first great king of the Gupta Empire. Chandragupta held the title of *maharaja-adhiraja* (great king over other kings). His imperial position is inferred from the records of others. No inscriptions or coins have survived from his reign.

7.2 Samudragupta

Chandragupta I appointed his son Samudragupta to succeed him in 335 CE. A lengthy eulogy on him, inscribed on an Ashokan pillar, suggests that he was claiming the legacy of the Mauryan kingdom. This inscription gives an impressive list of kings and regions that succumbed to Samudragupta's march across the country.

Four northern kings were conquered mainly in the area around Delhi and western Uttar Pradesh. The kings of the south and the east were forced to pay homage, and from the places mentioned, it appears that Samudragupta campaigned down the eastern coast as far as Kanchipuram. Nine kings of the western half of the Ganges Plain were violently uprooted. The forest kings (tribal chiefs of Central India and the Deccan)



were forced to pay tribute. The kings of Assam and Bengal in eastern India and those of small kingdoms in Nepal and the Punjab also paid tribute by submission. Nine Republics in Rajasthan, including the Malavas and Yaudheyas, were forced

to accept Gupta's suzerainty. In addition, foreign kings, such as the Daivaputra Shahanushahi (a Kushana title), the Sakas and the king of Lanka also paid tribute, as mentioned in the eulogy.

Though this statement is exaggerated, it is undeniable that the southern kings paid tribute, while the northern kingdoms were annexed to the Gupta Empire under Samudragupta. His direct control was confined to the Ganges valley, since the Sakas remained unconquered in western India. The tribes of Rajasthan paid tribute, but the Punjab was outside the limits of his authority. Samudragupta's campaign broke the power of the tribal republics in those regions that led to repeated invasions from the Huns.

The relationship with Kushanas is not certain, but with regard to Lanka, its ruler Meghavarman sent presents and requested permission from Samudragupta to build a Buddhist monastery at Gaya. Samudragupta's reign lasted for about



Allahabad Pillar

Samudragupta playing the *vina*

40 years, which must have given him ample time to plan and organise these campaigns. He performed the horse-sacrifice ritual to proclaim his military conquests.

Samudragupta patronised scholars and poets like Harisena and thus promoted Sanskrit literature. Though an ardent follower of Vaishnavism, he also patronised the great Buddhist scholar Vasubandhu. As a lover of poetry and music, he was given the title "Kaviraja". His coins bear the insignia of him playing the *vina* (lute).

7.3 Chandragupta II

Named after his grandfather, Chandragupta II was a capable ruler, who ruled for 40 years from c. 375 to 415 CE. He came to power after a succession struggle with his brother Rama Gupta. He is also known as Vikramaditya. With the capital at Pataliputra, Chandragupta II extended

the limits of the Gupta Empire by conquest and matrimonial alliances. He married off his daughter Prabhavati to a Vakataka prince, who ruled the strategic lands of Deccan. This alliance



Chandragupta II

was highly useful when he proceeded against the Saka rulers of western India. Chandragupta II conquered western Malwa and Gujarat by defeating the Saka rulers who had reigned for about four centuries in the region.

The kingdom's prosperity grew out of its trade links with Roman Empire. After establishing himself in eastern and western India, Chandragupta II defeated northern rulers like the Huns, Kambojas and Kiratas. He was a great conqueror and an able administrator as well. His other names (as mentioned in coins) include Vikrama, Devagupta, Devaraja, Simhavikrama, Vikramaditya and Sakari. His court had nine jewels or *navaratnas*, that is, nine eminent people in various fields of art, literature and science. This included the great Sanskrit poet Kalidasa, the Sanskrit scholar Harisena, the lexicographer Amarasimha, and the physician Dhanvantari. Fahien, the Buddhist scholar from China, visited India during his reign. He records the prosperity of the Gupta Empire. Chandragupta II was the first Gupta ruler to issue silver coins. His rule thus formed the peak period of Gupta's territorial expansion.

Chandragupta II was succeeded by his son Kumara Gupta I, who founded the Nalanda University. He was also called Sakraditya. The last great king of the Gupta dynasty, Skanda Gupta, was the son of Kumara Gupta I. He was able to repulse an attack by the Huns, but the recurrence of Huns' invasion strained his empire's coffers. The Gupta Empire declined after the death of Skanda Gupta in 467 CE. He was followed by many successors who hastened the end of the Gupta Empire. The last recognised king of the Gupta line was Vishnu Gupta who reigned from 540 to 550 CE.

7.4 Gupta's Administrative System

The King

During the Gupta age, political hierarchies can be identified by the titles adopted. Kings assumed titles such as *maharajadhiraja*, *parama-bhattaraka* and *parameshvara*. They were also connected with gods

Fahien's account on Mathura and Pataliputra

At Mathura, the people are numerous and happy; they do not have to register their household. Only those who cultivate the royal land have to pay a portion of the grain from it. Criminals are fined both lightly and heavily depending on the circumstances.

In the case of repeated rebellion, their right hands are cut off. Throughout the whole country, the people do not kill any living creatures or drink any intoxicant.

The inhabitants of Pataliputra are rich and prosperous and vie with one another in the practice of benevolence. In the cities, the Vaisya families establish houses for dispensing charity and medicines. All the poor and destitute, orphans, widows and childless, maimed and cripples are provided with every kind of help.



The origin of Huns is not definitely known. According to Roman historian Tacitus, they were a barbarian tribe living near Caspian Sea and contributed to the fall of Roman Empire. They organised under Attila and were known for their savagery and bestiality in Europe. One branch of Huns, known as white Huns, moved towards India from Central Asia and their invasion began about a hundred years after the Kushanas.



through epithets such as *parama-daivata* (the foremost worshipper of the gods) and *parama-bhagavata* (the foremost worshipper of Vasudeva Krishna). Some historians have suggested that the Gupta Kings claimed divine status. For example, Samudragupta is compared to *Purusha* (Supreme Being) in the Allahabad inscription. These assertions can be seen as reflections of an attempt to claim divine status by the king.

Ministers and other Officials

Seals and inscriptions make a mention of official ranks and designations, whose precise meaning is often uncertain. The term "kumaramatya" occurs in six Vaishali seals, which suggests that this title represented a high-ranking officer associated with an office (*adikarana*) of his own. The

designation "amatya" occurs on several Bita seals, and the "kumaramatya" seems to have been pre-eminent among amatyas and equivalent in status to princes of royal blood. Kumaramatyas were attached to the king, crown prince, revenue department or a province. One of the Vaishali seals refers to a kumaramatya who seems to have been in charge of the maintenance of the sacred coronation tank of the Lichchavis.

Individuals holding the ranks of kumaramatya sometimes had additional designations as well, and such ranks were hereditary. For example, Harisena, composer of the Allahabad *prashasti* (inscriptions of praise), was a kumaramatya, sandhivigrahi and mahadandanayaka, and was the son of Dhruvabhuti, a mahadandanayaka.

Council of Ministers

The Gupta king was assisted by a council of *mantrins* (ministers). The Allahabad *prashasti* refers to an assembly or council, presumably of ministers, which was known as the Sabha. The various high-ranking functionaries included the sandhivigrahika or mahasandhivigrahika (minister for peace and war), who seems to have been a high-ranking officer in charge of contact and correspondence with other states, including initiating wars and concluding alliances and treaties.

High-ranking officials were called dandanayakas, and mahadandanayakas were high-ranking judicial or military officers. One of the seals mentions a mahadandanayaka named Agnigupta. The Allahabad *prashasti* refers to three mahadandanayakas. All these suggest that these posts were hereditary by nature. Another person had a designation mahashvapati (commander of the cavalry), indicating military functions.

Division of the Empire

The Gupta Empire was divided into provinces known as *deshas* or *bhuktis*. They were administered by governors who were usually designated as uparikas. The uparika was directly appointed by the king and he, in turn, frequently appointed the head of the district administration and the district board. Uparika carried on the administration “with the enjoyment of the rule consisting of elephants, horses and soldiers”, indicating his control over the military machinery as well. The fact that the uparika had the title maharaja in three of the Damodarpur plates indicates his high status and rank in the administrative hierarchy. The Eran pillar inscription of Budhagupta, dated Gupta year 165 CE, refers to maharaja Surashmichandra as a lokpala, governing the land between the Kalinndi and Narmada rivers. Lokpala here seems to refer to a provincial governor.

The provinces of the Gupta Empire were divided into districts known as visayas, which were controlled by officers known as vishyapatis. The vishyapatis seems to have been generally appointed by the provincial governor. Sometimes, even the kings directly appointed the vishyapatis. Prominent members of the town assisted the vishyapati in administrative duties.

Administrative Units below the District level

The administrative units below the district level included clusters of settlements known variously as vithi, bhumi, pathaka and peta. There are references to officials known as ayuktakas and vithi-mahattaras. At the village level, villagers chose functionaries such as gramika and gramadhyaksha. The Damodarpur copper plate of the reign of Budhagupta mentions an ashtakula-adhikarana (a board of eight members) headed by the mahattara. Mahattara has a range of meanings including village elder, village headman, and head of a family community. The Sanchi inscription of the time of Chandragupta II mentions the panch-mandali, which may have been a corporate body.

Army

Seals and inscriptions mention military designations such as baladhikrita and mahabaladhikrita (commander of infantry and cavalry). The standard term “senapati” does not occur in Gupta inscriptions, but the term could be found in some Vakataka epigraphs. A Vaishali seal mentions the ranabhandagar-adhikarana, which is the office of the military storehouse. Another Vaishali seal mentions the adhikarana (office) of the dandapashika, which may have been a district-level police office.

The officials connected specifically with the royal establishment included the mahapratirava (chief of the palace guards)

and the khadyatapakita (superintendent of the royal kitchen). A Vaishali seal mentions a person both as a mahapratihara and a taravara. The top layer of the administrative structure also included amatyas and sachivas, who were executive officers in charge of various departments. The system of espionage included spies known as dutakas. The ayuktakas were another cadre of high-ranking officers.

7.5 Economic Condition

Nitisara, written by Kamandaka, is a text like *Arthashastra*. It emphasises the importance of the royal treasury and mentions various sources of revenue. The many ambitious military campaigns of kings like Samudragupta must have been financed through revenue surpluses. Gupta inscriptions reveal some details about the revenue department. The akshapataladhikrita was the keeper of royal records. Gupta inscriptions mention the terms klipta, bali, udranga, uparikara, and iranyavesti meant forced labour.

Agriculture and Agrarian Structure

Agriculture flourished in the Gupta period due to establishment of irrigation works. Apart from the state and individual cultivators, Brahmins, Buddhists and Jain sanghas brought waste lands under

cultivation when they were donated to them as religious endowments. Cultivators were asked to maintain their crops properly from damages and those who indulged in damaging the crops were punished. Likewise, crops and fields were fenced.

The crops cultivated during the Gupta period were rice, wheat, barley, peas, lentils, pulses, sugarcane and oil seeds. From Kalidasa, we come to know that the south was famous for pepper and cardamom. Varahamihira gives elaborate advice on the plantation of fruit trees.

The Paharpur copper plate inscription indicates that the king was the sole proprietor of the land. Even when he made land grants, he reserved his prerogatives over it. The location and boundaries of individual plots were marked out and measured by the record keepers and influential men in the locality. As stated in Paharpur plates, an officer called *ustapala* maintained records of all the land transactions in the district and the village accountant preserved records of land in the village. During the Gupta period, the land was classified as detailed below.

Kshetra	Cultivable land
Khila	Waste land
Aprahata	Jungle or waste land
Vasti	Habitable land
Gapata Saraha	Pastoral land

Different Land Tenures

Types of Tenures	Nature of Holding
Nivi dharma	Endowment of land under a kind of trusteeship was prevalent in North and Central India and Bengal.
Nivi dharma aksayana	A perpetual endowment. The recipient could make use of income derived from it.
Aprada dharma	Income from land could be enjoyed, but the recipient is not permitted to gift it to anyone. The recipient has no administrative rights either.
Bhumichchi-dranyaya	Right of ownership acquired by a person making barren land cultivable for the first time. This land was free from any rent liability.

Other Land Grants

Agrahara grants	Given to Brahmins, it was perpetual, hereditary and tax free.
Devagrahara grants	A land grant in favour of a Brahmin as well as gifts to merchants for the repair and worship of temples.
Secular grants	Grants made to feudatories of Guptas.

Irrigation

The importance of irrigation to agriculture was recognised in India from the earliest times. From the *Narada Smriti*, we understand that there were two kinds of dykes: the *bardhya*, which protected the field from floods, and the *khara*, which served the purpose of irrigation. To prevent inundation, *jalanirgamah* (drains) were constructed, which is mentioned by Amarasingha. Canals were constructed not only from rivers but also from tanks and lakes. The most famous lake was the

Sudarsana lake at the foot of Girnar Hills in Gujarat.

Position of Peasantry

The position of peasantry was undermined. They were reduced to the position of serfs due to the caste classification and also due to the granting of various privileges and lands to others. The practice of lease-holding reduced the permanent tenants to tenants at will (which means tenants could be evicted without notice). The farmers were required to pay various taxes.

List of Different Kinds of Taxes

Tax	Nature
Bhaga	King's customary share of the produce normally amounting to one-sixth of the produce paid by cultivators
Bhoga	Periodic supply of fruits, firewood, flowers, etc., which the village had to provide to the king
Kara	A periodic tax levied on the villagers (not a part of the annual land tax)
Bali	A voluntary offering by the people to the king, but later became compulsory. It was an oppressive tax.
Udianga	Either a sort of police tax for the maintenance of police stations or a water tax. Hence, it was also an extra tax.
Uparikara	Also an extra tax. Scholars give different explanations about what it was collected for.
Hiranya	Literally, it means tax payable on gold coins, but in practice, it was probably the king's share of certain crops paid in kind.
Vata-Bhuta	Different kinds of cess for maintenance of rites for the winds (<i>vata</i>) and the spirits (<i>bhuta</i>)
Halivakara	A plough tax paid by every cultivator owning a plough
Sulka	A royal share of merchandise brought into a town or harbour by merchants. Hence it can be equated with the customs and tolls.
Klipta and Upakilpta	related to sale and purchase of lands.

Industry: Mining and Metallurgy

Mining and metallurgy was one of the most flourishing industries during the Gupta period. Amarasimha, Varahamihira and Kalidasa make frequent mention of the existence of mines. The rich deposits of iron ore from Bihar and copper from Rajasthan were mined extensively during this period.

The list of metals used apart from iron were gold, copper, tin, lead, brass, bronze, bell-metal, mica, manganese, antimony, red chalk (*sanssilajata*) and red arsenic.

Blacksmiths were next only to agriculturists in importance in the society. Metal was used for the manufacture of various domestic implements, utensils and weapons. The improvement in the ploughshare, with the discovery of iron, for deep ploughing and for increasing cultivation happened during this period.

The most important and visible evidence of the high stage of development in metallurgy is the Mehrauli Iron Pillar of King Chandra in the Qutb Minar Complex in Delhi, identified with Chandragupta II. This monolith iron pillar has lasted through the centuries without rusting. It is a monument to the great craftsmanship of the iron workers during the Gupta period. Coin casting, metal engraving, pottery making, terracotta work and wood carving were other specialised crafts.

A significant development of the period in metal technology was the making of the seals and statutes of Buddha and other gods. It was laid down that the people had to pay for the loss arising out smelting of iron, gold, silver, copper, tin and lead.

Trade and Commerce

The contribution of traders to the soundness of the Gupta economy is quite impressive. Two distinctive types of traders

called *sresti* and *sarthavaha* existed. *Sresti* was usually settled at a particular place and enjoyed an eminent position by virtue of his wealth and influence in the commercial life and administration of the place. The *sarthavaha* was a caravan trader who carried his goods to different places for profitable sale.

Trade items ranged from products for daily use to valuable and luxury goods. They included pepper, sandalwood, elephants, horses, gold, copper, iron and mica. The abundant inscriptions and seals mentioning artisans, merchants and guilds are indicative of the thriving crafts and trade. (Guild is a society or other organisation of people with common interests or an association of merchants.) There are several references in several sources to artisans, traders and occupational groups in the guilds. Guilds continued as the major institution in the manufacture of goods and in commercial enterprise. They remained virtually autonomous in their internal organisation, and the government respected their laws. These laws were generally drafted by a larger body, the corporation of guilds, of which each guild was a member.

The *Narada* and *Brihaspati Smritis* describe the organisation and activities of guilds. They mention that the guild had a chief and two, three or five executive officers. Guild laws were apparently laid down in written documents. The *Brihaspati Smriti* refers to guilds rendering justice to their members and suggests that these decisions should, by and large, be approved by the king. There is also mention of the philanthropic activities of guilds, for instance, providing shelter for travellers and building assembly houses, temples and gardens. The inscription also records that the chief of the guilds played an important role in the district-level administrative bodies. There is also mention of joint corporate bodies of

merchant-bankers, caravan merchants and artisans. The guilds also acted as banks. The names of donors are mentioned in this inscription.

Usury (the lending of money at an exorbitant rate of interest) was in practice during the Gupta period. The detailed discussion in the sources of that period indicates that money was used, borrowed and loaned for profit. There were many ports that facilitated trade in the western coast of India such as Calliena (Kalyan), Chaul port in ruin sixty kilometres south of Mumbai, and the markets of Male (Malabar), Mangarouth (Mangalore), Salopatana, Nalopatana and Pandopatana on the Malabar coast. Fahien refers to Tamralipti in Bengal as an important centre of trade on the eastern coast. These ports and towns were connected with those of Persia, Arabia and Byzantium on the one hand and Sri Lanka, China and Southeast Asia on the other. Fahien describes the perils of the sea route between India and China. The goods traded from India were rare gems, pearls, fine textiles and aromatics. Indians bought silk and other articles from China.

The Guptas issued many gold coins but comparatively few silver and copper coins. However, the post-Gupta period saw a decline in the circulation of gold coins.

7.6 Cultural Florescence

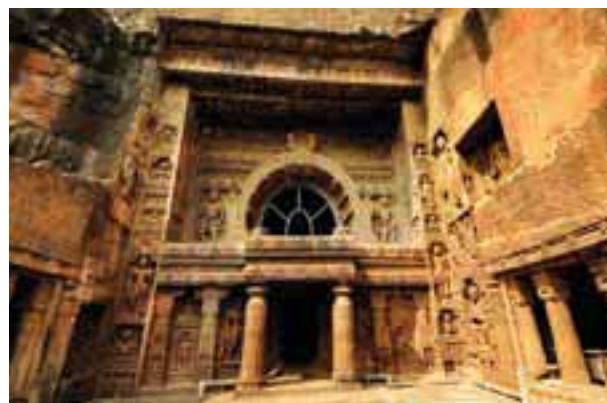
Art and Architecture

By evolving the Nagara and the Dravida styles, the Gupta art ushers in a formative and creative age in the history of Indian architecture with considerable scope for future development.

Rock-cut and Structural Temples

The rock-cut caves continue the old forms to a great extent but possess striking novelty by bringing about extensive

changes in the ornamentation of the facade and in the designs of the pillars in the interior. The most notable groups of the rock-cut caves are found at Ajanta and Ellora (Maharashtra) and Bagh (Madhya Pradesh). The Udayagiri caves (Orissa) are also of this type.



Ajantha Rock-Cut Caves

The structural temples have the following attributes: (1) flat-roofed square temples; (2) flat-roofed square temple with a *vimana* (second storey); (3) square temple with a curvilinear tower (*shikara*) above; (4) rectangular temple; and (5) circular temple.

The second group of temples shows many of the characteristic features of the Dravida style. The importance of the third group lies in the innovation of a *shikhara* that caps the sanctum sanctorum, the main feature of the Nagara style.

Stupas

Stupas were also built in large numbers but the best are found at Sarnath (Uttar Pradesh), Ratnagiri (Orissa) and Mirpur Khas (Sind).

Sculpture: Stone Sculpture

A good specimen of stone sculpture is the well-known erect Buddha from Sarnath. Of the puranic images, perhaps the most impressive is the great Boar (Varaha) at the entrance of a cave at Udayagiri.

Metal statues

The technology of casting statues on a large scale of core process was practised by the craftsmen during the Gupta period with great workmanship. Two remarkable examples of Gupta metal sculpture are (1) a copper image of the Buddha about eighteen feet high at Nalanda in Bihar and (2) the Sultanganj Buddha of seven-and-a-half feet in height.

Painting

The art of painting seems to have been in popular demand in the Gupta period than the art of stone sculptures. The mural paintings of this period are found at Ajanta, Bagh, Badami and other places.



Ajantha Painting

From the point of technique, the surface of these paintings was perhaps done in a very simple way. The mural paintings of Ajanta are not true frescoes, for frescoes are painted while the plaster is still damp and the murals of Ajanta were made after it had set. The art of Ajanta and Bagh shows the Madhyadesa School of painting at its best.

Terracotta and Pottery

Clay figurines were used both for religious and secular purposes. We have figurines of Vishnu, Karttikeya, Durga, Naga and other gods and goddesses.

Gupta pottery remains found at Ahchichhatra, Rajgarh, Hastinapur and Bashar afford proof of excellence of pottery. The most distinctive class of pottery of this period is the “red ware”.

Sanskrit Literature

The Guptas made Sanskrit the official language and all their epigraphic records were written in it. The period saw the last phase of the Smriti literature.

Smritis are religious texts covering a wide range of subjects such as ethics, politics, culture and art. Dharmashastras and puranas form the core of this body of literature.

Sanskrit Grammar

The Gupta period also saw the development of Sanskrit grammar based on Panini who wrote *Ashtadhyayi* and Patanjali who wrote *Mahabhashya* on the topic. This period is particularly memorable for the compilation of the *Amarakosa*, a thesaurus in Sanskrit, by Amarasimha. A Buddhist scholar from Bengal, Chandrogomia, composed a book on grammar named *Chandravyakaranam*.

Puranas and Itihosas

The Puranas, as we know them in their present form, were composed during this time. They are the legends as recorded by the Brahmins. They were originally composed by bards (professional storytellers), but now, having come into priestly hands, they were rewritten in classical Sanskrit. Details on Hindu sects, rites and customs were added in order to make them sacrosanct religious documents. The succession of dynasties was recorded in the form of prophesies. Thus what began as popular memories of the past were revived and rewritten.

in prophetic form and became the Brahmanical interpretation of the past. The Mahabharata and the Ramayana also got their final touches and received their present shape during this period.

Eighteen major puranas are listed. Of them the well known are: Brahma Purana, Padma Purana, Vishnu Purana, Skanda Purana, Shiva Maha Purana, Markendeya Purana, Agni Purana, Bhavishya Purana, Matsya Purana and Shrimad Bhagavat Purana.

Buddhist Literature

The earliest Buddhist works are in Pali, but in the later phase, Sanskrit came to be used to a great extent. Most of the works are in prose with verse passages in mixed Sanskrit. Arya Deva and Arya Asanga of the Gupta period are the most notable writers. The first regular Buddhist work on logic was written by Vasubandhu. Vasubandhu's disciple, Dignaga, was also the author of many learned works.

Jaina Literature

The Jaina canonical literature at first took shape in Prakrit dialects. Sanskrit came to be the medium later. Within a short time, Jainism produced many great scholars and by their efforts the Hindu itihasa and puranas were recast in Jaina versions to popularise their doctrines. Vimala produced a Jaina version of Ramayana. Siddasena Divakara laid the foundation of logic among the Jainas.

Secular Literature

Samudragupta himself had established his fame as Kaviraja. It is widely believed that his court was adorned by the celebrated *navaratnas* like Kalidasa, Amarasimha, Visakadatta and

Dhanvantri. Kalidasa's famous dramas are *Sakunthalam*, *Malavikagnimitram* and *Vikramaurvashiyam*. The works of Sudraka (*Mrichchhakatika*), Visakadatta (*Mudraraksasa* and *Devichandraguptam*) and the lesser known dramatists and writers also contributed to the literary and social values in the classical age. An interesting feature of the dramas of this period is that while the elite spoke in Sanskrit, the common people spoke Prakrit.

Prakrit Language and Literature

In Prakrit, there was patronage outside the court circle. The Gupta age witnessed the evolution of many Prakrit forms such as Suraseni used in Mathura and its vicinity, Ardh Magadhi spoken in Awadh and Bundelkhand and Magadhi in modern Bihar.

Nalanda University

Nalanda was an acclaimed Mahavihara, a large Buddhist monastery in the ancient kingdom of Magadha in India. The site is located about ninety five kilometres southeast of Patna near the town of Bihar Sharif and was a centre of learning from the fifth century CE to c. 1200 CE. It is a UNESCO World Heritage Site.

The highly formalised methods of Vedic learning helped inspire the establishment of large teaching institutions such as Taxila, Nalanda and Vikramashila, which are often characterised as India's early universities. Nalanda flourished under the patronage of the Gupta Empire in the fifth and sixth centuries and later under Harsha, the emperor of Kanauj. The liberal cultural traditions inherited from the Gupta age resulted in a period of growth and prosperity until the ninth century. The subsequent centuries were a time of gradual decline, a period during which Buddhism became popular in eastern India patronised by the Palas of Bengal.



Nalanda University

At its peak, the Nalanda attracted scholars and students from near and far with some travelling all the way from Tibet, China, Korea and Central Asia. Archaeological findings also confirm the contact with the Shailendra dynasty of Indonesia, one of whose kings built a monastery in the complex.

Nalanda was ransacked and destroyed by an army of the Mamluk dynasty of the Delhi Sultanate under Bakhtiyar Khalji in c. 1200 CE. While some sources note that the Mahavihara continued to function in a makeshift fashion for a little longer, it was eventually abandoned and forgotten. The site was accidentally discovered when the Archaeological Survey of India surveyed the area. Systematic excavations commenced in 1915, which unearthed 11 monasteries and 6 brick temples situated on 12 hectares (30 acres) of land. A trove of sculptures, coins, seals and inscriptions have also been discovered since then and all of them are on display in the Nalanda Archaeological Museum situated nearby. Nalanda is now a notable tourist destination and a part of the Buddhist tourism circuit. Recently, the government of India, in cooperation with other South and South-east Asian countries, has revived this university.

Gupta Sciences

Mathematics and Astronomy

The invention of the theory of zero and the consequent evolution of the decimal system are to be credited to the thinkers of this age.

In the *Surya Siddanta*, Aryabhatta (belonging to late fifth and early sixth century CE) examined the true cause of the solar eclipses. In calculation of the size of the earth, he is very close to the modern estimation. He was the first astronomer to discover that the earth rotates on its own axis. He is also the author of *Aryabhattiyam*, which deals with arithmetic, geometry and algebra.



Varahamihira's *Brihat Samhita* (sixth century CE) is an encyclopaedia of astronomy, physical geography, botany and natural history. His other works are *Panch Siddhantika* and *Brihat Jataka*. Brahmagupta (late sixth and early seventh century CE) is author of important works on mathematics and astronomy, namely *Brahmasphuta-siddhanta* and *Khandakhadyaka*.

Medical Sciences

Metallic preparations for the purpose of medicine and references to the use of mercury and iron by Varahamihira and others indicate that much progress was made in chemistry. The *Navanitakam* was a medical work, which is a manual of recipes, formulation and prescriptions. *Hastyayurveda* or the veterinary science authored by Palakapya attests to the advances made in medical science during the Gupta period.

7.7 Decline of the Gupta Empire

The last recognised king of the Gupta line was Vishnugupta who reigned from 540 to 550 CE. Internal fighting and dissensions among the royal family led to its collapse. During the reign of a Gupta king, Budhagupta, the Vakataka ruler Narendrasena of western Deccan, attacked Malwa, Mekala and Kosala. Later on, another Vakataka king Harishena

conquered Malwa and Gujarat from the Guptas. During Skanda Gupta's reign, the grandson of Chandragupta II, the Huns invaded northwest India. He was successful in repulsing the Huns, but consequently his empire was drained of financial resources. In the sixth century CE, the Huns occupied Malwa, Gujarat, Punjab and Gandhara. As the Hun invasion weakened the Gupta hold in the country, independent rulers emerged all over the north like Yasodharman of

Malwa, the Maukharis of Uttar Pradesh, the Maitrakas in Saurashtra and others in Bengal. In time, the Gupta Empire came to be restricted to only Magadha. They did not focus on empire building and military conquests. So, weak rulers along with incessant invasions from foreign as well as native rulers caused the decline of the Gupta Empire. By the beginning of the sixth century, the empire had disintegrated and was ruled by many regional chieftains.

Feudalism

The social formation of feudalism was the characteristic of the medieval society in India. Feudal features listed by historian R.S. Sharma are: royal grants of land; transfer of fiscal and judicial rights to the beneficiaries; the grant of their rights over peasants, artisans and merchants; an increased incidence of forced labour; appropriation of surplus by the state; a decline in trade and coinage; payment of officials through land revenue assignments; and the growth of the obligations of the samantas (subordinate or feudatory rulers).

SUMMARY

- After the Mauryan Empire, the Gupta kingdom emerged as a great power.
- Sri Gupta founded the Gupta dynasty.
- Samudragupta (335–375 CE) conquered and consolidated the empire.
- Chandragupta II through his conquests and matrimonial alliances extended the empire further.
- Kumara Gupta founded the Nalanda University.
- Skanda Gupta repulsed the Huns but Huns' invasion strained his treasury.
- The Gupta kings claimed divine status and were assisted by Council of Ministers and a band of officials.
- The Gupta rulers patronised art, literature and science. Kalidasa, Harisena, Amarasimha, Dhanvantri and Varahamihira adorned their court.
- The drain of treasury because of Huns' invasion and the weak successors of later Guptas led to the disintegration of the Gupta Empire.

EXERCISE

I. Choose the correct answer

1. Which is the least reliable of the sources for the study of Gupta period?

- | | |
|------------------------|--------------------------|
| (a) Literary sources | (b) Epigraphical sources |
| (c) Numismatic sources | (d) Myths and legends |

2. Choose and match:

Literary Works	Author
1. Dhanvantri	- Suryasiddantha
2. Varahamihira	- Amarakosha
3. Harisena	- Brihadsamhita
4. Amarasimha	- Ayurveda



3. _____ was given the title “Kaviraja”.

- | | |
|---------------------|------------------|
| (a) Chandragupta I | (b) Samudragupta |
| (c) Chandragupta II | (d) Srugupta |
4. _____, a Chinese traveller, presented an idyllic picture of Indian society in the fifth century CE.
- | | | | |
|------------|-----------------|------------|--------------------|
| (a) Itsing | (b) Hieun-Tsang | (c) Fahien | (d) Wang-Hieun-Tse |
|------------|-----------------|------------|--------------------|
5. Which one of the following is the wrong option for the rock-cut cave temple of Gupta Period?
- | |
|--|
| (i) Udayagiri cave (Odisha) |
| (ii) Ajanta and Ellora caves (Maharashtra) |
| (iii) Elephanta cave (Maharashtra) |
| (iv) Bagh (Madhya Pradesh) |

- | | | | |
|-------|--------|---------|--------|
| (a) i | (b) ii | (c) iii | (d) iv |
|-------|--------|---------|--------|

6. The first regular Buddhist work on logic was written by _____.

- | | |
|------------------|------------------|
| (a) Dignaga | (b) Vasubandhu |
| (c) Chandrogamia | (d) Varahamihira |

7. _____ is the notable lyric of Kalidasa.

- | | |
|--------------------|----------------|
| (a) Sankunthalam | (b) Raghuvamsa |
| (c) Kumarasambhava | (d) Megaduta |

II. Answer briefly

1. Write down the names of Gupta rulers in chronological order until Skanda Gupta.
2. What do you know of Huns?
3. Attempt a brief account of Fahien on Mathura.
4. List down the Buddhist scholars along with their literary works.
5. Discuss the importance of Allahabad Pillar Inscription.

III. Write short answers

1. Describe the administrative divisions of Gupta Empire.
2. Write a short note on Vikramashila University.
3. Gupta period also recorded the growth of Jaina literature. Elaborate.
4. Comment on the scientific advancement made during Gupta period.
5. What could be the reasons for the decline of the Gupta Empire? Suggest any three reasons.

IV. Write your answer in detail

1. “Gupta period is called the Golden Age of Ancient India.” Give reasons.
2. Describe the land classification and land tenures followed in Guptas’ times.
3. Examine the role of guilds during Gupta period.

GLOSSARY

hegemony	- dominance	- மேலாதிக்கம்
lexicographer	- compiler of a dictionary	- அகராதி தயாரிப்பவர்
epithet	- title	- அடைமொழி
coffer	- treasury	- கருவூலம்
perpetual	- everlasting	- எப்போதும் நிலைத்திருக்கும்
exorbitant	- excessive	- மிகவும் அதிகமான
facade	- front	- முகப்பு
ransack	- plunder	- சூறையாடு
dissension	- disagreement	- கருத்து வேற்றுமை
incessant	- ceaseless	- இடையறாத



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INTERNET RESOURCES

1. https://en.wikipedia.org/wiki/Gupta_Empire
2. https://www.ancient.eu/Gupta_Empire



ICT CORNER

The Guptas

Through this activity you will know about world historic events through Interactive timeline.



Steps:

- Open the Browser and type the given URL (or) Scan the QR Code.
- Timeline page will appear on the screen.
- Click Search Options and Enter any Timeline (Ex. Gupta Empire)
- Explore the Timeline events of any empire with pictorial descriptions.



Step1



Step2



Step3



Step4

Browse in the link

Web: <https://www.timetoast.com/categories>

*Pictures are indicative only.



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Lesson 8

Harsha and Rise of Regional Kingdoms

Learning Objectives



I Harsha

- To know the ancestors and contemporaries of Harsha
- To learn about the military conquests of Harsha
- To understand the nature of Harsha's administration
- To obtain knowledge of the religious policy of Harsha
- To become aware of the socio-cultural life of the people in India from the accounts of Hieun Tsang

II The Palas

- To know the history of Palas as a strong regional power in eastern India
- To learn the contribution of prominent Pala rulers such as Dharmapala, Devapala and Mahipala I in administering their kingdom
- To understand the significance of their role in the spread of Mahayana Buddhism in the Ganges plain
- To gain knowledge about the contribution of Palas to literature, art and architecture

III The Rashtrakutas

- To know the greatness of the Rashtrakutas
- To learn the fact that successful rulers, Krishna I through Krishna III, prevented the Pallava expansion northward.
- To apprise yourself of the development of Kannada literature under the patronage of Rashtrakutas.

I Harsha

Introduction

North India splintered into several warrior kingdoms after the downfall of the Gupta Empire. Excepting in the areas that were subdued by the Huns (modern Punjab,

Rajasthan and Malwa), regional identity became pronounced with the emergence of many small states. Maithriyas had organised a powerful state in Sourashtra (Gujarat), with Valabhi as their capital. Agra and Oudh were organised into an independent and sovereign state

by the Maukharis. The Vakatakas had recovered their position of ascendancy in the western Deccan. Despite political rivalry and conflict among these states, Thaneswar, lying north of Delhi between Sutlej and Yamuna, was formed into an independent state by Pushyabhutis. It rose to prominence under Harsha. Harsha ruled the kingdom as large as that of the Guptas from 606 to 647 CE.

Sources

Literary sources

Bana's Harshacharita

Hieun Tsang's Si-Yu-ki

Epigraphical sources

Madhuban copper plate inscription

Sonpat inscription on copper seal

Banskhera copper plate inscription

Nalanda inscription on clay seals

DO YOU KNOW? Bana's Harshacharita was the first formal biography of a king. It inaugurated a new literary genre in India.

8.1 | Pushyabhutis

The founder of the Vardhana dynasty was Pushyabhuti who ruled from Thaneswar. He served as a military general under the imperial Guptas and rose to power after the fall of the Guptas. With the accession of Prabakara Vardhana (580–605 CE), the Pushyabhuti family became strong and powerful. Prabakara Vardhana fought against the Gurjaras and the Huns and established his authority as far as Malwa and Gujarat. He gave his daughter Rajyasri in marriage to the Maukhari king, Grahavarman, of Kanauj (near modern Kanpur), thus making Kanauj his ally.

Prabakara Vardhana's dream of building an empire was eventually realised by his younger son Harsha-vardhana.

Rajavardhana (605–606 CE), the eldest son of Prabhakaravardhana, ascended the throne after his father's death. He was treacherously murdered by Sasanka, the Gauda ruler of Bengal. This resulted in his younger brother Harsha-vardhana becoming the king of Thanesar. Harsha had known the weakness of a group of small kingdoms and conquered his neighbours to integrate them into his empire. As Thanesar was too close to the threats from the north-west, Harsha shifted his capital from Thanesar to Kanauj. Kanauj was located in the rich agricultural region of the western Ganges Plain.

Harsha as King of Kanauj

The magnates of Kanauj (the capital of Maukhari kingdom), on the advice of their minister Poni, invited Harsha to ascend the throne. A reluctant Harsha accepted the throne on the advice of Avalokitesvara Bodhisatva with the title of Rajputra and Siladitya. Thus the two kingdoms of Thaneswar and Kanauj became united under Harsha's rule. Consequently, Harsha transferred his capital to Kanauj.

8.2 | Harsha's Military Conquests

On his accession in 606 CE Harsha focused his attention on the affairs of his sister Rajyasri who had fled to Vindhya mountains to escape from the evil design of Deva Gupta of Malwa to covet her. Harsha went to Vindhya mountain ranges and succeeded in saving his sister who was about to burn herself after killing Deva Gupta. Harsha consoled Rajyasri and brought her back to the kingdom of Kanauj. Later Rajyasri took to Buddhism and was instrumental in converting Harsha to Buddhism.



Harsha Coin

According to Bana, Harsha, in an effort to build an empire, sent an ultimatum to the following kings to either surrender or be prepared for a battle:

1. Sasanka, the Gauda ruler of Bengal.
2. The Maitrakas of Valabhi and Gurjara of Broach region.
3. The Chalukya king, Pulikesin II, in the Deccan
4. Rulers of Sindh, Nepal, Kashmir, Magadha, Odra (northern Odisha) and Kongoda (another geographical unit in ancient Odisha).

Harsha's immediate task was to take revenge on Sasanka. Harsha entered into an alliance with the king of Kamarupa (Pragiyotisha), which is today the modern Assam. But there is hardly any detail of the war between Harsha and Sasanka. However, Harsha seems to have successfully subjugated the Gauda Empire, which included Magatha, Gouda, Odra and Kongoda only after the death of Sasanka.

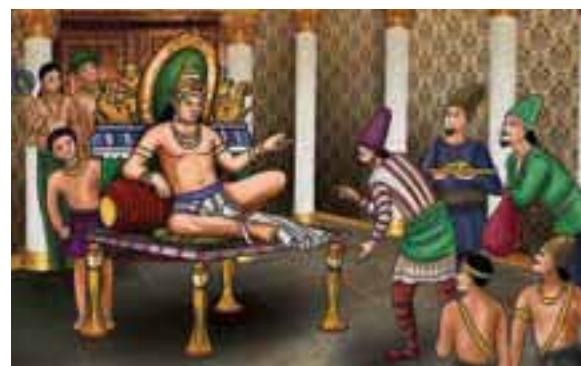


Sasanka

The hostilities between Harsha and the Maitrakas ended in the marriage of Dhruvabhatta with the daughter of Harsha. Soon, Valabhi became a subordinate ally of Harsha.

Pulikesin II, the Chalukya King

Harsha sought to extend his authority southward into the Deccan. However the Chalukya king Pulikesin II, who controlled the region, humbled Harsha. In commemoration of his victory over Harsha, Pulikesin assumed the title of "Parameswara". Inscriptions in Pulikesin's capital Badami attest to this victory.



Pulikesin II (modern representation)

Extent of Harsha's Empire

Harsha ruled for 41 years. His feudatories included those of Jalandhar (in the Punjab), Kashmir, Nepal and Valabhi. Sasanka of Bengal remained hostile to him. Though it is claimed that Harsha's Empire comprised Assam, Bengal, Bihar, Kanauj, Malwa, Odisha, the Punjab, Kashmir, Nepal and Sindh, his real sway did not extend beyond a compact territory between the Ganges and Yamuna rivers. The kingdom of Harsha disintegrated rapidly into small states after his death.

Harsha's Relations with China

Harsha had cordial relations with China. The contemporary T'ang emperor, Tai Tsung, sent an embassy to his court in 643 and again in 647 CE. On the second occasion, the Chinese ambassador found that Harsha had recently died. On learning that the throne had been usurped by an undeserving king, the Chinese ambassador rushed to Nepal and Assam to raise a force to dislodge the usurper. Later, the king who had usurped the throne was taken to China as a prisoner.

Administration

According to historian Burton Stein, a centralised administration did not even exist under the powerful Guptas. It was restricted only to the central part of the Gangetic plain between Pataliputra and Mathura. Beyond that zone, there was no centralised authority. The only difference between Guptas and Vardahanas is that the former had formidable enemies like Huns, while the latter had no such opponents. The copper plates of 632 CE record a gift of land to two Brahmins. The names of certain political personages with state power, as protectors of the gift, are mentioned in them. Some were *mahasamantas*, allied to the king but of a subordinate status. Others were independent maharajas but acknowledged feudatories of Harsha. There was yet another category of rulers who pledged their loyalty to Harsha and professed to be at his service. This is the characteristic of Harsha's imperial authority in North India.



Council of Ministers

It appears that the ministerial administration during the reign of Harsha was the same as that of the imperial Guptas. The emperor was assisted by a council of ministers (Mantri Parishad) in his duties. The council played an important role in the selection of the king as well as framing the foreign policy of the empire. The prime minister was of the most important position in the council of ministers.

Key Officials

- | | |
|---------------|--|
| 1. Avanti | - Minister for Foreign Relations and War |
| 2. Simhananda | - Commander-in-Chief |
| 3. Kuntala | - Chief Cavalry Officer |

- | | |
|-------------------|--------------------------------------|
| 4. Skandagupta | - Chief Commandant of Elephant Force |
| 5. Dirghadhvajas | - Royal Messengers |
| 6. Banu | - Keeper of Records |
| 7. Mahaprathihara | - Chief of the Palace Guard |
| 8. Sarvagata | - Secret Service Department |

Revenue Administration

Bhaga, Hiranya and Bali were the three kinds of tax collected during Harsha's reign. Bhaga was the land tax paid in kind. One-sixth of the produce was collected as land revenue. Hiranya was the tax paid by farmers and merchants in cash. There is no reference to the tax Bali. The crown land was divided into four parts.

- Part I - for carrying out the affairs of the state
- Part II - for paying the ministers and officers of the crown
- Part III - for rewarding men of letters
- Part IV - for charity to religious institutions

Administration of Justice

Criminal law was more severe than that of the Gupta age. Mimamsakas were appointed to dispense justice. Banishment and the cutting of limbs of the body were the usual punishments. Trial by ordeal was in practice. Life imprisonment was the punishment for the violations of the laws and for plotting against the king.

Hieun Tsang, the Chinese pilgrim, spent nearly 13 years in India (630–643 CE), collecting sacred texts and relics which he took back to China. He was known as the “prince of pilgrims” because he visited important pilgrim centres associated with the life of Buddha. His *Si-Yu-Ki* provides detailed information about the social, economic, religious and cultural conditions during the reign of Harsha.

According to Hieun Tsang, perfect law and order prevailed throughout the empire, as the law-enforcing agencies were strong. The pilgrim records the principal penalties and judicial ordeals practised in India at that time. Corporal punishment for serious offences was in practise. But the death penalty was usually avoided. Offences against social morality and defiance of law were punished by maiming. Harsha travelled across the kingdom frequently to ensure his familiarity with his people. He was accessible to people and kept a closer watch on his tributary rulers.

Administration of Army

Harsha paid great attention to discipline and strength of the army. The army

consisted of elephants, cavalry and infantry. Horses were imported. Ordinary soldiers were known as Chatas and Bhatas. Cavalry officers were called Brihadisvaras. Infantry officers were known as Baladhikritas and Mahabaladhikritas. Hieun Tsang mentions the four divisions (*chaturanga*) of Harsha’s army. He gives details about the strength of each division, its recruitment system and payment for the recruits.

Division of the Empire

The empire was divided into several provinces. The actual number of such provinces is not known. Each province was divided into Bhuktis. And each Bhukti was divided into several Vishayas. They were like the districts. Each vishaya was further divided into Pathakas. Each such area was divided into several villages for the sake of administrative convenience. *Harsha Charita* refers to a number of officials who took care of the local administration. Only their titles are known. What they did isn’t available in *Harsha Charita*. We learn that bhogapathi, ayuktha, pratpalaka-purusha and the like looked after the local administration.

Cities and Towns

Hieun Tsang describes the structure, aesthetics and safety measures of the cities, towns and villages of India. In his view, India was the land of innumerable villages, numerous towns and big cities like China. He pointed out that Pataliputra lost its prominence and its place was taken by Kanauj. The elegance of Kanauj with its lofty structures, beautiful gardens and the museum of rare collections is described. The refined appearance of its residents, their costly dressings and love for learning and art are also pointed out in his account.

Most of the towns, according to Hieun Tsang, had outer walls and inner gates. Though the walls were wide and high, the streets and lanes were narrow.

Residential houses had balconies made of wood and coated with lime mortar. Floors were smeared with cow dung for the purpose of purity and hygiene. Big mansions, public buildings and Buddhist monasteries and viharas were magnificent multi-storeyed structures. They were built of kiln-fired bricks, red sandstone and marble. Harsha constructed a large number of viharas, monasteries and stupas on the bank of the Ganges.

Harsha built charitable institutions for the stay of the travellers, and to care for the sick and the poor. Free hospitals and rest houses (*dharmaśalas*) in all the towns were constructed where the travellers or the outsiders could stay. Hospitals were built to provide medical treatment free of charge.

Religious Policy

Harsha was a worshipper of Siva at least up to 631 CE. But he embraced Buddhism under the influence of his sister Rajyasri and the Buddhist monk Hieun Tsang. He subscribed to the Mahayana school of thought. Yet he held discourses among learned men of various creeds. Slaughter of animals and consumption of meat was restricted. Harsha summoned two Buddhist assemblies (643 CE), one at Kanauj and another at Prayag.

The assembly at Kanauj was attended by 20 kings including Bhaskaravarman of Kamarupa. A large number of Buddhist, Jain

and Vedic scholars attended the assembly. A golden statue of Buddha was consecrated in a monastery and a small statue of Buddha (three feet) was brought out in a procession. The procession was attended by Harsha and other kings.

Buddhist Assembly at Prayag

Harsha convened quinquennial assemblies known as Mahamoksha Parishad at Prayag (at the confluence of the Ganges and Yamuna). He distributed his wealth among Buddhists, Vedic scholars and the poor people. Harsha offered fabulous gifts to the Buddhist monks on all the four days of the assemblage.



Hieun Tsang observed that the principles of Buddhism had deeply permeated the Hindu society. According to him, people were given complete freedom of worship. Social harmony prevailed among the followers of various creeds. Harsha treated the Vedic scholars and the Buddhist *bikshus* alike and distributed charities equally to them.

Caste System

Caste system was firmly established in the Hindu society. According to Hieun Tsang, the occupations of the four divisions of

Hiuen Tsang, hailed as the prince of pilgrims, visited India during the reign of Harsha. Born in China in 612 CE he became a Buddhist monk at the age of twenty. During his travels, he visited various sacred places of northern and southern India. Hieun Tsang spent about five years in the University of Nalanda and studied there. Harsha admired him for his deep devotion to Buddha and his profound knowledge of Buddhism. Hieun Tsang carried with him 150 pieces of the relics of Buddha, a large number of Buddha image in gold, silver, sandalwood and above all 657 volumes of valuable manuscripts.



Hiuen Tsang

society continued to be in practice as in the previous times. People were honest and not deceitful or treacherous in their conduct. The butchers, fishermen, dancers and sweepers were asked to stay outside the city. Even though the caste system was rigid, there was no social conflict among the various sections of the society.

Status of Women

Hieun Tsang's account also provides us information on the position of women and the marriage system of the times. Women wore purdah. Hieun Tsang, however, added that the purdah system was not followed among the higher class. He pointed out that Rajyasri did not wear purdah when listening to his discourse. Sati was in practice. Yasomatidevi, wife of Prabhakara Vardhana, immolated herself after the death of her husband.

Lifestyle

The life pattern of the people of India during the rule of Harsha is known from the accounts of Hieun Tsang. People lived a simple life. They dressed in colourful cotton and silk clothes. The art of wearing fine cloth had reached perfection. Both men and women adorned themselves with gold and silver ornaments. The king wore extraordinary ornaments. Garlands and tiaras of precious stones, rings, bracelets and necklaces were some of the ornaments used by the royalty. The wealthy merchants wore bracelets. women used cosmetics.

Dietary Habits

Hieun Tsang also noted that Indians were mostly vegetarians. The use of onion and garlic in the food preparation was rare. The use of sugar, milk, ghee and rice in the preparation of food or their consumption

was common. On certain occasions, fish and mutton were eaten. Beef and meat of certain animals were forbidden.

Education

Education was imparted in the monasteries. Learning was religious in character. Much religious literature were produced. The Vedas were taught orally and not written down. Sanskrit was the language of the learned people. An individual took to learning between 9 and 30 years of age. Many individuals devoted their whole life to learning. The wandering *bhikshus* and *sadhus* were well known for their wisdom and culture. The people also paid respect to such people of moral and intellectual eminence.

Harsha as a Patron of Art and Literature

Harsha patronised literary and cultural activities. It is said the state spent a quarter of its revenue for such activities. Bana, the author of *Harshacharita* and *Kadambari*, was a court poet of Harsha. The emperor himself was a renowned litterateur, which is evident from the plays he wrote such as *Priyadarshika*, *Rathnavali* and *Nagananda*. Harsha gifted liberally for the promotion of education. Temples and monasteries functioned as centres of learning. Renowned scholars imparted education in the monasteries at Kanauj, Gaya, Jalandhar, Manipur and other places. The Nalanda University reached its utmost fame during this period.

Nalanda University

Hieun Tsang recorded the fame of the Nalanda University. Students and scholars from the Buddhist countries like China, Japan, Mongolia, Sri Lanka, Tibet and some other countries of Central and Southeast Asia stayed and studied in the university. Shilabhadra, a reputed Buddhist scholar, who probably hailed from Assam, was the head of the University during the

visit of Hieun Tsang. As an educational centre of international fame, Nalanda had 10,000 students on its rolls. Dharmapala, Chandrapala, Shilabhadra, Bhadrihari, Jayasena, Devakara and Matanga were important teachers in the university receiving royal patronage.

II The Palas

After the death of Harsha, the Pratiharas (Jalore-Rajasthan), the Palas (Bengal) and the Rashtrakutas (Deccan) engaged in a triangular contest for the control of the Ganga-Yamuna doab and the lands adjoining it. The Palas controlled vast areas of the eastern Gangetic Plain. Apart from earning revenue from agriculture, Palas also derived income from their wide commercial contacts in South-east Asia. Buddhism in Bengal provided a link between eastern India and Java and Sumatra.

8.3 Establishment of Pala Rule in Bengal

Sashanka, the Gauda ruler, believed to have ruled between 590 and 625 CE, is considered the first prominent king of ancient Bengal. After the fall of the Gauda kingdom, there was no central authority, which led to recurring wars between petty chieftains. So, in 750 CE, a group of chiefs met and decided on a "Kshatriya chief" named Gopala to be their ruler. There is a story that Gopala was elected because of his ability to kill a "demoness" that had killed those who were previously elected like him. Though Gopala did not have royal antecedents, he succeeded in acquiring a kingdom. Gopala's political authority was soon recognised by several independent chiefs. His original kingdom was in Vanga or East Bengal.

The Palas ruled eastern India from Pataliputra between the ninth and the early twelfth centuries. Sanskrit, Prakrit and Pali were the languages in use in their kingdom. Palas followed Mahayana Buddhism.

Pala Rulers

Gopala I was succeeded by his son Dharmapala (770–815 CE) who made the Pala kingdom a force to reckon with. Bengal and Bihar were directly ruled by him. Kanauj was ruled by his nominee. The rulers of the Punjab, Rajputana, Malwa and Berar accepted his suzerainty. He assumed titles like Paramesvara, Paramabhattacharya and Maharajadhiraja.

Dharmapala proved to be a great patron of Buddhism. He founded the Vikaramasila monastery in Bhagalpur district in Bihar, which developed into a great centre of Buddhist learning and culture. He built a grand *vihara* at Somapura in modern Paharpur (present-day Bangladesh). Dharmapala also built a monastery at Odantapuri in Bihar. He patronised Harisbhadra, a Buddhist writer.

Dharmapala's son Devapala extended Pala control eastwards up to Kamarupa (Assam). He defeated Amoghavarsha, the Rashtrakuta ruler, by allying with all the states that regarded the Rashtrakutas as their common enemy. Devapala was also a great patron of Buddhism. He granted five villages to Balaputradeva, the king of the Sailendra dynasty of Suvarnadipa (Sumatra), to maintain a monastery built by him at Nalanda. Nalanda continued to flourish as the chief seat of Buddhist learning even during the Pala reign.

Devapala was succeeded by Vigramapala, who abdicated his throne after ruling for a few years and went to lead an ascetic life. Narayanapala, son of Vigramapala, was also a man of pacific and religious disposition. The Rashtrakutas and the Pratiharas took advantage of Narayanapala's disposition and defeated the Palas. The rise of the Pratiharas in Jalore under Mihira Bhoja and the advance of the Rashtrakutas into Pala territories inevitably brought about the decline of

the Palas. The petty chiefs, who formerly owed allegiance to the Palas, also started asserting their independence.

The slide of the Pala dynasty was accelerated during the rule of his three successors – Rajyapala, Gopala III and Vigramapala II. The fortunes of the dynasty, however, were revived by Mahipala I, son of Vigramapala II. The most important event of his period was the invasion of northern India by Rajendra Chola sometime between 1020 and 1025 CE. However, the advance of the Cholas beyond the Ganges was checked by Mahipala I.

After 15 years of Mahipala's rule, four insignificant rulers followed. Ramapala was the last ruler who tried to recover the lost glory of the dynasty. He ruled for about 53 years and after his death, the presence of Pala dynasty was confined to only a portion of Magadha (Bihar) and continued to exist only for a short period. Vijayasena of the Sena dynasty who had become powerful by then in northern Bengal expelled the last ruler Madanapala (1130–1150 CE) from Bengal and established his dynastic rule.

Religion

The Palas were great patrons of Mahayana Buddhism. The Buddhist philosopher Haribhadra was the spiritual preceptor of Dharmapala, the founder of the Pala kingdom. Bengal remained one of the few places where Buddhist monasteries continued to exist. The kingdom as well as Buddhism soon suffered decline because of large-scale conversion of merchants and artisans to Islam.

Art and Architecture

Two artists of this period were Dhiman and his son Vitapala. They were great painters, sculptors and bronze statue makers. The Pala school of sculptural art was influenced by the Gupta art. Mahipala I constructed

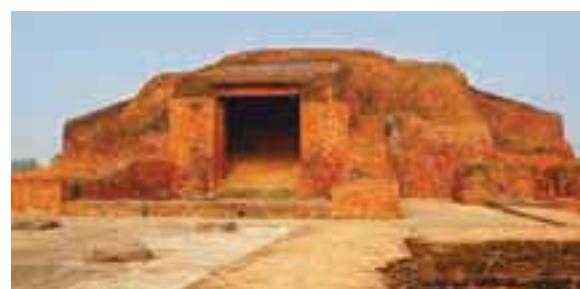
and repaired several sacred structures at Saranath, Nalanda and Bodh Gaya. Gopala founded the famous monastery at Odantapura (Bihar). Dharmapala established the Vikramashila and the Somapura Mahaviharas (Bangladesh).



Somapura Mahavihara (Bangladesh)

Literature

The prominent Buddhist scholars of Vikramashila and Nalanda universities were Atisha, Saraha, Tilopa, Dansheel, Dansree, Jinamitra, Muktimitra, Padmanava, Virachan and Silabhadra. The notable Pala texts on philosophy include *Agama Shastra* by Gaudapada, and *Nyaya Kundali* by Sridhar Bhatta. Many texts on medicine were compiled by Chakrapani Datta, Sureshwar Gadadhara Vaidya and Jimutavahana. The Palas also patronised Sanskrit scholars. Many Buddhist tantric works were authored and translated into Sanskrit. The original tantric works comprise a varied group of Indian and Tibetan texts. The "Mahipalageet" (songs on Mahipala), a set of folk songs, are still popular in the rural areas of Bengal. Sandhyakar Nandi's epic *Ramacharitam*, a biography of a later Pala ruler Ramapala, describes how forest chiefs were brought into their alliance through lavish gifts.



Vikramashila University

III The Rashtrakutas

The rivalry between the Pratiharas and the Rashtrakutas proved to be destructive to both the dynasties. The Arab traveller Al-Masudi who visited Kanauj recorded the enmity between the two ruling dynasties. The Rashtrakutas who were bidding their time to capture Kanauj from Pratiharas succeeded in their motive and continued to rule until 10th century CE. They claimed descent from the Rastikas or Rathikas, an important clan domiciled in the Kannada-speaking region and mentioned in the edicts of Ashoka.

8.4 Rise of the Dynasty

The Rashtrakutas were originally known to be the feudatories of the Western Chalukyas of Vatapi. Though Rashtrakutas were early rulers, the greatest ruler of the dynasty was Dandidurga. Ruling from a smaller part of Berar, Dandidurga built his career of territorial conquest after the death of Vikramaditya II (733–746 CE), the Chalukya ruler. He captured Gurjara Kingdom of Nandipuri, Malwa and eastern Madhya Pradesh and the whole of Berar. By 750 CE, he had become the master of central and southern Gujarat and the whole of Madhya Pradesh and Berar.

After consolidating his position, and after defeating Kirthivarman II (746–753 CE), the last Chalukya ruler of Vatapi, Dandidurga assumed the titles of Maharajadhiraja, Parameshwara and Paramabhattaraha. He developed relationships with the Pallava ruler Nandivarman II by giving his daughter in marriage to the Pallava king. After Dandidurga's death in 758 CE, his uncle (father's brother) Krishna I ascended the throne.

Krishna I and His Successors

Krishna I (756–775 CE) defeated the Gangas of Mysore. His eldest son Govinda II succeeded him in 775CE. He defeated the Eastern Chalukyas. He left the affairs

of country to his brother Dhruva who eventually crowned himself as the ruler. During the reign of Dhruva (780–794CE), the Rashtrakuta power reached its zenith. After humbling the western Ganga king, Dhruva defeated Dantivarman, the Pallava king. The ruler of Vengi (modern Andhra) also had to accept his suzerainty. After establishing his hegemony in the south, Dhruva turned his attention towards the regions around Kanauj. Vatsarya, the Pratihara king, and Dharmapala, the Pala ruler, who were contenders for supremacy in the region, were defeated by Dhruva. He nominated his third son Govinda III as the heir-apparent.

The accession of Govinda III (794–814 CE) to the throne heralded an era of success like never before. Dantika, the Pallava king, was subdued by Govinda III. Vishnuvardana, the ruler of Vengi, turned out to be his maternal grandfather and so he did not challenge his authority. Thus Govinda III became the overlord of the Deccan. The Rashtrakuta Empire reached its height of glory.

Govinda III was succeeded by his son Amoghavarsha (814–880 CE). Amoghavarsha ruled for 64 years and his first twenty years of the rule witnessed endless wars with the Western Gangas. Peace returned when Amoghavarsha gave his daughter in marriage to a Ganga prince. Amoghavarsha was a patron of literature and he patronised the famous Digambara acharya Jinasena, Sanskrit grammarian Sakatayana and the mathematician Mahaviracharya. Amoghavarsha was himself a great poet and his *Kavirajamarga* is the earliest Kannada work on poetics. After Amoghavarsha, his successors were able to sustain the vast empire, but the ablest among them was Krishna III (939–968 CE).

Krishna III was the last great ruler of the Rashtrakuta dynasty. Soon after his accession, he invaded the Chola kingdom along with his brother-in-law Butunga. Kanchi and Thanjavur were captured in

943 CE. His army remained in effective control of Thondaimandalam, consisting of Arcot, Chengalpattu and Vellore. In 949 CE, he defeated the Chola army of Rajadithya in the battle of Takkolam (in present day Vellore district). Krishna III marched upto Rameshwaram where he built a pillar of victory. Thus he succeeded in establishing his suzerainty over the entire Deccan region. It was under him the Rashtrakutas joined the contest that was held then among the northern ruling dynasties for control of Kanauj. The continued conflict over the possession of Kanauj emboldened some of the local rajas to assert their independence. Their defiance destroyed the possibility of a single kingdom ruling northern India with its centre at Kanauj. Invasions from the north-west also prevented any such attempts to create a powerful state. But the successors of Krishna III were too weak to save the kingdom from its decline.

Religion

The worship of Shiva and Vishnu was popular during the Rashtrakuta reign. The famous rock-cut Shiva temple at Ellora was built by Krishna I. The seals have the pictures of Garudavahana of Vishnu or of Shiva seated in yogic posture. Dantidurga performed the Hiranyagarbha ritual at Ujjayini. There are references to Tula-danas gift or offer of gold equal to one's own weight to temple deities.

Hiranyagarbha literally means golden womb. A person coming out of this golden womb, after elaborate rituals performed by priests, is declared as reborn possessing a celestial body. The Satavahana king Gautamiputra Sathakarni performed this ritual to claim kshatriya status.

Jainism was patronised by later rulers such as Amoghavarsha I, Indra IV,

Krishna II and Indra III. Buddhism had declined and its only important centre was at Kanheri.

Literature

The Rashtrakuta rulers were great patrons of learning. Kannada and Sanskrit literature made great progress during their reign. Amoghavarsha I was the author of *Prasnottaramalika*, a Sanskrit work, and *Kavirajamarga*, a Kannada work. Jinasena wrote the Adipurana of the Jains. Krishna II's spiritual guide, Gunabhadra, wrote the Mahapurana of the Jains. The three gems of ancient Kannada literature – Kavichakravarthi Ponna, Adikavi Panpa and Kavichakravarti Ranna – were patronised by Rashtrakuta king Krishna III, as well as by Tailapa and Satyashraya of Western Chalukyas.

Architecture

The Rashtrakutas made splendid contributions to Indian art. The rock-cut shrines at Ellora and Elephanta located in present-day Maharashtra belong to their period. The Ellora cave complex contains the features of Buddhist, Hindu and Jain monuments and art work. Amoghavarsha I espoused Jainism and there are five Jain cave temples at Ellora ascribed to his period.



The most striking structure at Ellora is the creation of the Monolithic Kailasanath Temple. The temple was hewn out of a single rock during the time of Krishna I in the 8th century. It is similar to the Lokesvara temple at Pattadakal, in Karnataka, built by Chalukya king Vikramaditya II to commemorate his victory over the Pallavas. The sculptured panels of Dasavatara Bhirava, Ravana shaking the Mount Kailasa, dancing Shiva and Vishnu, and Lakshmi listening to music are the best specimens of sculpture inside the temple.



Kailasanath Temple at Ellora



Elephanta Cave



Ellora Sculptures

The main shrine at Elephanta is artistically superior to the shrines at Ellora. The sculptures such as Nataraja and Sadashiva excel even that of the Ellora sculptures in beauty and craftsmanship. Ardhanarishvara and Maheshamurti are the other famous sculptures. The latter, a three-faced bust of Lord Shiva, is 25 feet tall and considered one of the finest pieces of sculpture in India. The paintings are still seen in the porch of the temple of Kailasa and ceilings of the Mahesamurti shrine at Ellora.

SUMMARY

I Harsha

- The period between the Guptas and the Vardhanas saw many independent principalities. North India lacked a strong central power.
- The Huns, Maithrakas of Valabhi, Maukharis of Kanauj, Yasodharman of Mandasor, Pushyabhutis of Thaneswar and Later Guptas of Magadha were sub-regional kingdoms.
- Harsha subdued the minor powers and became the king of Thanesar and Kanauj. His authority and control prevailed over Bengal, Kamarupa, Valabhi, Sind, Nepal and Kashmir.
- Harsha maintained cordial relations with China and the Chinese pilgrim Hieun Tsang recorded the socio-religious conditions of the people of that period.
- Harsha patronised Buddhism and convened Buddhist assemblies at Kanauj and Prayag.

II Palas

- The founder of Pala dynasty Gopala was elected to rule by the chieftains and rulers of little kingdoms.
 - Dharmapala, Devapala and Mahipala I ruled ably and kept their domain under effective control.
 - Weak successors contributed to the decline of the dynasty.
 - Mahayana Buddhism flourished during the Pala reign.
 - The patronage of Palas to Vikramashila and Nalanda universities paved the way for the progress of Buddhist, Jain and Sanskrit literature.

III Rashtrakutas

- Rashtrakutas emerged as the most feared and powerful kingdom during the reign of a series of successful rulers from Krishna I through Krishna III.
 - Harmony existed amongst various religious sects existing under Rashtrakuta dominions.
 - Rashtrakutas patronised Sanskrit and Kannada scholars.
 - The art found at Ellora and Elephanta are their contributions.

EXERCISE

I. Choose the correct answer



II. Answer briefly

1. What are the epigraphical sources for the study of Harsha's Empire?
2. How did Harsha become the king of Kanauj?
3. Discuss the greatness of Mahipala I.
4. Point out the significance of the battle of Takkolam.
5. Highlight the significance of Nalanda University during the Pala dynasty.

III. Write short notes

1. Harsha's relationship with the Chinese.
2. Importance of Harsha's criminal justice system.
3. Shrines at Elephanta and at Ellora.
4. Contribution of Rashtrakutas to Kannada literature.
5. Patronage of Rashtrakutas to Jains.

IV. Answer in detail

1. Give an account of the military expeditions of Harsha in northern India.
2. Explain the religious policy of Harsha.
3. Highlight the condition of North India as described by Hieun Tsang.
4. What were the contributions of Palas to Buddhism?
5. Account for the greatness of Rashtrakutas.

Activity

1. Enact a drama on a Buddhist Assembly Meeting.
2. Debate:
 - (i) Bakthiyar Khalji attacked Nalanda University thinking that it was a fort.
 - (ii) Hieun Tsang's visit to India to collect Buddhist texts.

GLOSSARY

quinquennial	- occurring once in five years	- ஜந்தாண்டிற்கு ஒருமுறை நிகழும்
bhikshu	- Buddhist monk	- பெளத்தத் துறவி
immolate	- killing oneself by jumping into fire	- தீப் பாய்தல்
reckon	- calculate	- கணக்கிடு
preceptor	- teacher	- ஆசிரியர்
booty	- plunder	- போறின் மூலம் கொள்ளளயடிக்கப்பட்டவை
espoused	- supporting a cause	- ஒரு காரியத்திற்கு அல்லது செயல்பாட்டிற்கு ஆதரவு கொடுத்தல்
hewn	- chiselled	- செதுக்கப்பட்ட
ascribed	- assigned	- சார்ந்தது



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Lesson 9

Cultural Development in South India



Learning Objectives

- To understand state and society in early medieval south India
- To know the nature of political conflict between Chalukyas and Pallavas
- To understand the cultural exchanges occurring in south India under the two antagonistic kingdoms
- To study the artistic greatness of monuments at Ajantha, Ellora and Mamallapuram
- To study the devotional movements and impressive growth of vernacular literature in early medieval south India.

Introduction

The political history of south India during the sixth century to ninth century CE was marked by conflicts between the Chalukyas of Badami (also known as Western Chalukyas), and the Pallavas of Kanchi. At the same time, the period also saw great advancements in the field of culture and literature. It also broke new grounds in areas like devotional literature, art and architecture. The Bhakti movement, which impacted the entire sub-continent, originated in the Tamil country during this period.

Sources

Inscriptions on copperplates, on temple walls and pillars form a major source of historical information for this period. Inscriptions issued by Chalukyas in Kannada, Telugu, Tamil and Sanskrit languages, and Pallavas in Tamil and Sanskrit, recording land grants to

Brahmins, as well as the royal and the non-royal gifts made to religious establishment are equally important sources. The Aihole inscription of Pulikesin II composed by his court poet Ravikirti in Sanskrit is among the most important of Chalukyan inscriptions. *Kavirajamarga*, a work on poetics in Kannada, *Vikramarjuna-vijayam*, also called *Pampa-bharata*, by Pampa in Kannada, which were all of a later period, and Nannaya's *Mahabharatam* in Telugu also provide useful historical data.

However, pride of place must go to Tamil literature. The Bhakti movement which originated in South India found its greatest expression in the songs composed by the Azhwars and Nayanmars. The poems of the Vaishnavite Azhwars were later compiled as the *Nalayira Divya Prabhandam*. The Saiva literature was canonized as the *Panniru Tirumurai*. The *Thevaram*, composed by Appar (Thirunavukkarasar), Sambandar

(Thirugnanasambandar) and Sundarar; and *Thiruvavasagam* by Manickavasagar are prominent texts which are read as sacred literature to this day. *Periyapuram* written by Sekizhar, in a later period, also provides much historical information. The *Mathavilasa Prahasanam* written by Mahendravarman I in Sanskrit, is an important source for the Pallava period.

Many inscriptional sources including the Allahabad Pillar inscription of Samudragupta and the Aihole inscription of the Chalukya king Pulakisin II provide details of Pallava - Chalukya conflict. The Kuram copper plates of Parameshwaravarman and the Velurpalayam copper plates of Nandivarman III record their military achievements. Coins help us to understand the economic condition of the period. Buddhist sources such as *Deepavamsa* and *Mahavamsa*, written in Pali, the accounts of Chinese travellers Hiuen Tsang and Itsing give us details about the socio-religious and cultural conditions of the Pallava times. The ninth and tenth century writings of Arab travellers and geographers such as Sulaiman, Al-Masudi, and Ibn Hauka also tell us about the socio-political and economic conditions of India of this period. The sculptures in the temples in Aihole, Badami, Pattadakal reflect the culture of the times.

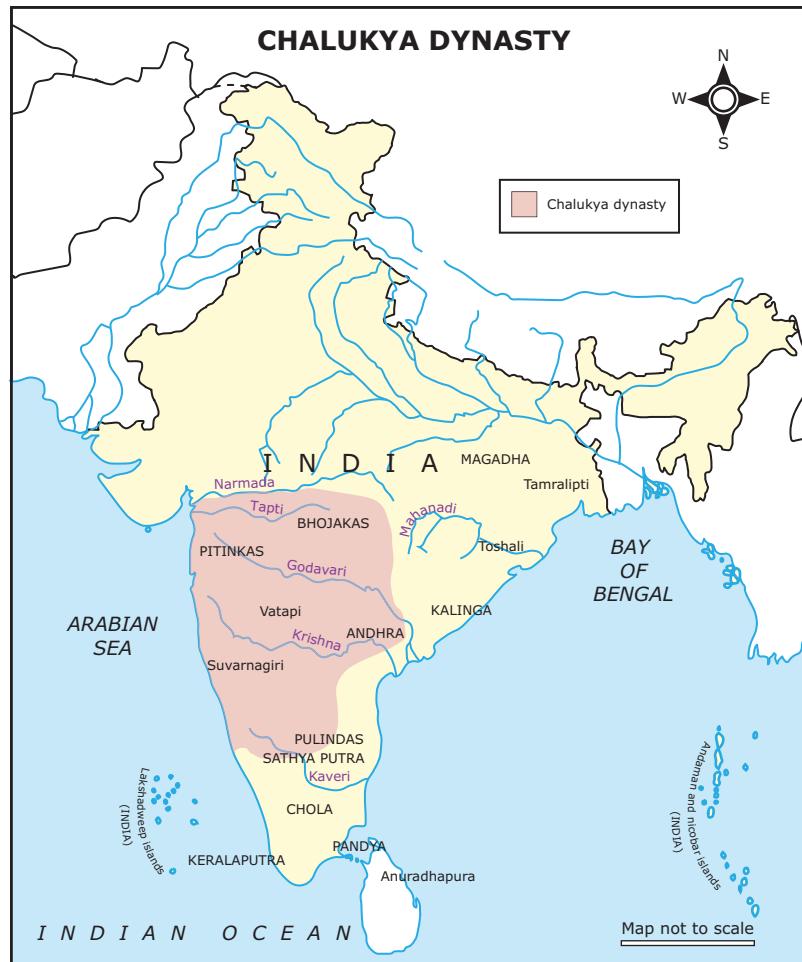
I Chalukyas and Pallavas

9.1 Chalukyas

There are two Chalukya families: Chalukyas of Badami (Vatapi) and Chalukyas of Kalyani. This lesson concerns only the Chalukyas of Badami. Chalukya dynasty emerged as a strong power with its founder Pulikesin I (c. 535-566 CE) fortifying a hill near Badami. He declared independence from the Kadambas. It is said that he conducted *yagnas* and performed the *asvamedha* sacrifice. The capital Badami was founded by Kirtivarman (566-597). Pulikesin I's grandson Pulikesin II (609-(642), after defeating Mangalesha, proclaimed himself as king, an event that is described in the Aihole inscription. One of the most outstanding victories of Pulikesin II was the defeat of Harshavardhana's army on the banks of the Narmada. The kings of Malwa, Kalinga, and eastern Deccan accepted his suzerainty. His victories over Kadambas of Banavasi, and Gangas of Talakad (Mysore) are also worthy of note. However, his attempt to attack Kanchipuram was thwarted by Mahendravarma Pallava. This led to a prolonged war between the Chalukyas and the Pallavas. Narasimha Varman I (630-668), the Pallava King, attacked and occupied Badami. Pulikesin II died in the

From Kuram Copper Plate

(Line 12). The grandson of Narasimhavarman, (who arose) from the kings of this race, just as the moon and the sun from the eastern mountain; who was the crest-jewel on the head of those princes, who had never bowed their heads (before); who proved a lion to the elephant-herd of hostile kings; who appeared to be blessed Narasimha himself, who had come down (to earth) in the shape of a prince; who repeatedly defeated the Cholas, Keralas, Kalabhras, and Pandyas; who, like Sahasrabahu (i.e., the thousand-armed Kartavirya), enjoyed the action for a thousand arms in hundreds of fights; who wrote the (three) syllables of (the word) *vijaya* (i.e., victory), as on a plate, on Pulikesin's back, which was caused to be visible (i.e., whom he caused to turn his back) in the battles of Pariyala, Manimangala, Suramara, etc., and who destroyed (the city of) Vatapi, just as the pitcher-born (Agastya) (the demon) Vatapi.



battle. Pallava control over Badami and the southern parts of the Chalukya empire continued for several years. In the mid-eighth century, the Badami Chalukyas were overpowered and replaced by the Rashtrakutas.

Chalukya Administration

State

The king was the head of the administration. In dynastic succession primogeniture was not strictly followed. Generally, the elder was to be appointed as *yuvaraja* while the king was in the office. The heir apparent got

trained in literature, law, philosophy, martial arts and others. Chalukyan kings claimed to rule according to *dharma-sastra* and *niti-sastra*. Pulikesin I (543-566) was well-versed in *manu-sastra*, *puranas*, and *itihosas*. In the beginning, the Chalukya kings assumed titles such as *Maharajan*, *Sathyasrayan* and *Sri-Pritivi-Vallaban*. After defeating Harshavardhana, Pulikesin II assumed the title of *Parameswaran*. Bhattacharan and *Maharajathirajan*, soon became very popular titles. In the Pallava kingdom, kings took high-sounding titles such as *Dharma maharajaadhi raja*, *Maharajadhiraja*,

Aihole Inscription of Pulikesin II

The Megudi temple at Aihole (in Karnataka) stands on top of a hill. On the eastern wall of this Jaina temple is a 19-line Sanskrit inscription (dated to 556 Saka era: 634-635). The composer is a poet named Ravikriti. The inscription is a prashasti of the Chalukyas especially the reigning king Pulikesin II, referred to as *Sathyasraya* (the abode of truth). It highlights the history of the dynasty, defeat of all his enemies, especially Harshavardhana.

Dharma maharaja, Maharaja. In the Hirahadagalli plates the king is introduced as the performer of *agnistoma*, *vajapeya* and *asvamedha* sacrifices.

The wild boar was the royal insignia of the Chalukyas. It was claimed that it represented the *varaha* *avatar* of Vishnu in which he is said to have rescued the Goddess of the Earth. The bull, Siva's mount, was the symbol of the Pallavas.

Royal Women

Chalukya dynasty of Jayasimhan I line appointed royal ladies as provincial governors. They also issued coins in some instances. Vijya Bhattacharya, a Chalukya princess, issued inscriptions. Pallava queens did not take active part in the administration of the kingdom, but they built shrines, and installed images of various deities, and endowed temples. The image of Queen Rangapataka, the queen of Rajasimha, is found in the inscription in Kailasanatha temple in Kanchipuram.

The King and His Ministers

All powers were vested in the king. Inscriptions do not specifically speak of a council of ministers, but they do refer to an official called *maha-sandhi-vigrahika*. Four other categories of ministers are also referred to in the epigraphs: *Pradhana* (head minister), *Mahasandhi-vigrahika* (minister of foreign affairs), *Amatya* (revenue minister), and *Samaharta* (minister of exchequer). Chalukyas divided the state into political divisions for the sake of administration: *Vishayam*, *Rastram*, *Nadu* and *Grama*. Epigraphs speak of the officials like *vishayapatis*, *samantas*, *gramapohis* and *mahatras*. *Vishayapatis* exercised the power at the behest of the kings. *Samantas* were feudal lords functioning under the control of the state. *Grampohis* and *gramkudas* were village officials. *Mahatras* were the prominent village men.

Provincial and District Administration

Generally, the king appointed his sons as the provincial governors. The governors called themselves *raja*, *marakka-rajan* and *rajaditya-raja-parameswaran*. Some governors held the title *maha-samanta* and maintained troops. The chief of *vishaya* was *vishayapati*. In turn, *vishaya* was divided into *pukti*. Its head was *pogapati*.

Village Administration

The traditional revenue officials of the villages were called the *nala-kavundas*. The central figure in village administration was *kamunda* or *pokigan* who were appointed by the kings. The village accountant was *karana* and he was otherwise called *gramani*. Law and order of the village was in the hands of a group of people called *mahanamam*. There was a special officer called *mahapurush*, in charge of maintaining order and peace of the village. *Nagarapatis* or *Purapatis* were the officials of the towns.

Religion

The Chalukyas patronised both Saivism and Vaishnavism. They built temples for Siva and Vishnu. Brahmin groups were invited from the Gangetic regions and settled to perform regular pujas and conduct festivals and ceremonies in the temples. Notable Chalukya rulers like Kirtivarman (566-597), Mangalesa (597-609), and Pulakesin II (609-642) performed *yagnas*. They bore titles such as *parama-vaisvana* and *parama-maheswara*. Chalukyas gave prominent place to Kartikeyan, the war god. Saiva monasteries became centres for popularising Saivism. Chalukyas patronised heterodox sects also and lavishly donated lands to the Jain centres. Ravikirti, the poet-laureate of Pulakesin II, was a Jain scholar. In

the reign of Kirtivarman II (744-755) a Jain village official built a Jain temple in a place called Annigere. The prince Krishna (756-775) appointed Gunapatra, a Jain monk, as his master. Pujiyapatar the author of *Jainentriya-viyakarnam* was a Jain monk, a contemporary of Vijayadityan (755-772). According to Hiuen Tsang, there were many Buddhist centres in the Chalukya territory wherein more than 5000 followers of the Hinayana and Mahayana sects lived.

Literature and Education

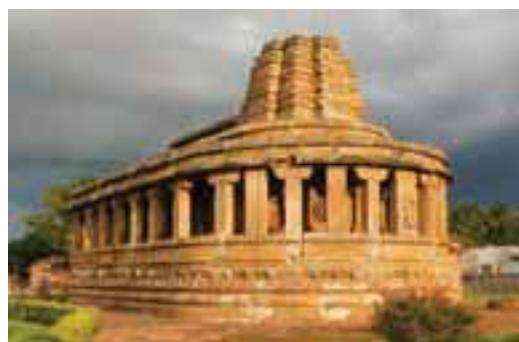
Chalukyas used Sanskrit in pillar inscriptions such as in Aihole and Mahakudam. A seventh-century inscription of a Chalukya king at Badami mentions Kannada as the local prakrit, meaning the people's language, and Sanskrit as the language of culture. A chieftain of Pulikesin II authored a grammar work *Saptavataram* in Sanskrit.

Chalukya Architecture

Historically, in Deccan, Chalukyas introduced the technique of building temples using soft sandstones as medium. In Badami, two temples are dedicated to Vishnu and one each to Siva and to the Jaina *tirthankaras*. Their temples are grouped into two: excavated cave temples and structural temples. Badami is known for both structural and excavated cave temples. Pattadakal and Aihole are popular for structural temples.

Aihole (Ayyavole)

Built in 634, Aihole, the headquarters of the famous medieval Ayyavole merchants' guild was an important commercial centre. About seventy temples are located in Aihole. The earliest stone-built temple is Lad Khan temple. Its unique trait is a stucco pillar with a big capital distinct from northern



Aihole Durga Temple

style. A temple dedicated to the goddess Durga was built on the model of Buddha Chaitya. It stands on a raised platform in the form of semi-circle. Another temple, dedicated to the same goddess is called Huccimalligudi, which is rectangular in shape. Chalukyas also built Jain temples. Megudi Jain temple is illustrative of the evolution of temple architecture under the Chalukyas. The mandapa-type caves are preserved at Aihole.

Badami (Vatapi)

There are four caves in Badami. The largest cave temple built by Mangalesa is dedicated to Vishnu. The reclining posture of Vishnu on the snake bed and Narasimha are exquisite examples of Chalukya art. Irrespective of religion, architectural features share a common style. It establishes the technical importance and the secular attitude of both patron and architect.

Pattadakal

Pattadakal, a quiet village in Bagalkot district of Karnataka, is famous for its exquisite temples. Pattadakal was a centre for performing royal rituals. The Virupaksha temple was built at the order of queen Lohamahadevi to commemorate the conquest of Kanchipuram by her husband Vikramaditya II. The unique feature of the structural temple built by Rajasimha at Mamallapuram was adopted here by



Virupaksha Temple, Pattadakal

the Chalukyas. Monuments are generally associated with the rulers who built them. However, here we also have signatures of the architects who conceived the edifices and the skilled craftspeople who created them. The east porch of the Virupaksha temple has a Kannada inscription eulogizing the architect who designed the temple. The architect was given the title *Tribhuavacharya* (maker of the three worlds). Several reliefs on the temple walls bear signatures of the sculptors who carved them.

At the south-eastern corner of the village is the Papanatha temple. Similar to the Virupaksha temple in its basic plan, it has a *shikara* in the northern style. The outer walls are richly decorated with many

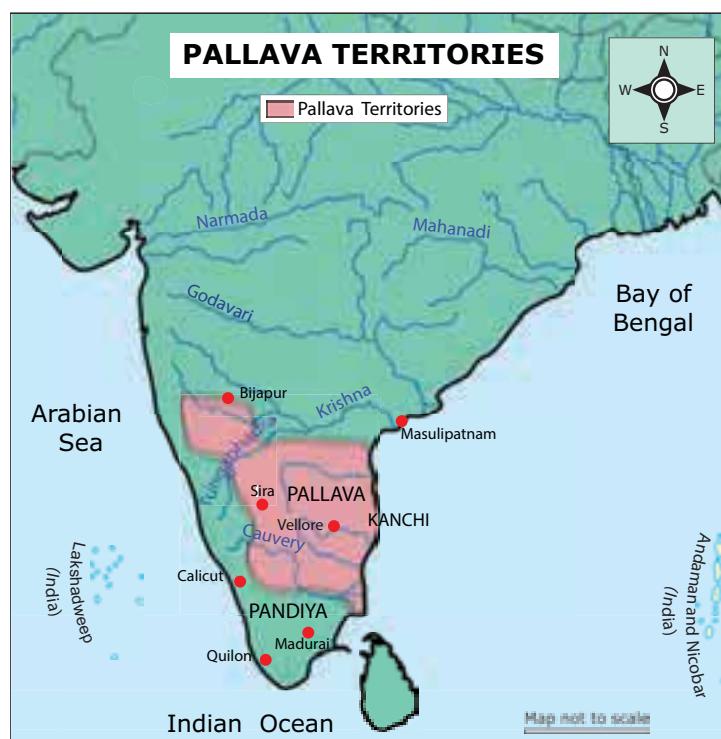
panels depicting scenes and characters from the Ramayana. The eastern wall has a short Kannada inscription, giving the name of the architect Revadi Ovajja, who designed the shrine. In Pattadakal, Chalukyas built more than ten temples which demonstrate the evolution in Chalukya architecture. On the basis of style these temples are classified into two groups: Indo-Aryan and Dravidian.

Painting

Paintings are found in a cave temple dedicated to Vishnu in Badami. Chalukyas adopted the Vakataka style in painting. Many of the paintings are of incarnations of Vishnu. The most popular Chalukya painting is in the palace built by the King Mangalesan (597-609). It is a scene of ball being watched by members of royal family and others.

9.2 Pallavas

There is no scholarly consensus about the origin of the Pallavas. Some early scholars held the view that the word Pallava was a variant of Pahlava, known as Parthians,



who moved from western India to the eastern coast of the peninsula, during the wars between the Sakas and the Satavahanas in the second century CE. But many scholars today regard them native to south India or “with some mixture of north Indian blood”.

The Pallavas were associated with Tondaimandalam, the land between the north Pennar and north Vellar rivers. Simhavishnu is believed to have conquered the Chola country up to the Kaveri and consolidated his dynastic rule, started by his father Simhavarman. Simhavishnu, vanquishing the Kalabhras, conquered the land up to the Kaveri, thereby coming into conflict with the Pandyas. Simhavishnu's successor Mahendravarman I (590-630), whom Appar, converted from Jainism to Saivism, was a patron of arts, and a poet and musician in his own right.

During Mahendravarman's reign, the army of Pulikesin II annexed the northern part of Pallava kingdom and almost reached the Pallava capital of Kanchipuram. Subsequently, during the



Narasimhavarman

reign of Narasimhavarman I (630-668), the Pallavas managed to settle scores by winning several victories over the Chalukyas with the aid of their ally Manavarman, a Sri Lankan prince, who later became ruler of the island kingdom. The climax was Narasimhavarman's invasion of the Chalukyan kingdom and his capturing of the Badami. Narasimhavarman claims to have defeated the Cholas, Cheras and Kalabhras. Two naval expeditions despatched to help Manavarman were successful, but this Sri Lankan ruler subsequently lost his kingdom.

The Pallava-Chalukya conflict continued during the subsequent decades, with some intermittent peace. During the reign of his grandson, Paramesvaravarman I (670-700), Vikramaditya of the Chalukya kingdom invaded the Pallava country. Paramesvaravarman fought against him with the support of the Gangas and Pandyas. As a result, the Pallavas came into conflict with the Pandyas in the south. In the early ninth century, the Rashtrakuta king, Govind III, invaded Kanchi during the reign of the Pallava Dantivarman. Dantivarman's son Nandivarman III aided by western Gangas and Cholas, defeated the Pandyas at the battle of Sripurambiyam or Thirupurambiyam. Aparajita, grandson of Nandivarman III, lost his life in a battle fought against Aditya I of the Chola kingdom who invaded Tondaimandalam. This sealed the fate of the Pallavas. Thereafter, control over Tondaimandalam passed into the hands of the Cholas.

About the Cheras

Though the Kerala region seems to have been under the rule of the Chera Perumals during the period from sixth to ninth century little is known about its history until the beginning of the ninth century.

Pallava Administration

Under the Pallavas, kinship was held to be of divine origin and was hereditary. The king took high-sounding titles, some of which, such as *maharajadhiraja*, were borrowed from north Indian traditions. The king was assisted by a group of ministers, and in the later Pallava period this ministerial council played a prominent part in state policy. Some of the ministers bore semi-royal titles and may well have been appointed from among the feudatories.

Distinctions are made between *amatyas* and *mantrins*. While a *mantri* is generally understood to be a diplomat, *amatya* is a counsellor. *Mantri Mandala* was a council of ministers. *Rahasyadhirakta* was a private secretary of the king. *Manikkappandaram-Kappan* was an officer in charge of the treasury (*Manikka* - valuables; *Pandaram* - treasury; *Kappan* - keeper). *Kodukkappillai* was the officer of gifts. They were central officers under the Pallava king. *Kosa-adhyaksa* was the supervisor of the *Manikkappandaram-kappan*. Judicial courts were called *Adhikarna Mandapa* and judges called *Dharmadhikarins*. Fines are mentioned in the Kasakudi plates of Nandivarman Pallava as *Karanadandam* (fine in superior/higher court) and *Adhikaranadandam* (fine in district level).

The governor of a province was advised and assisted by officers in charge of districts who worked in close collaboration with local autonomous institutions, largely in an advisory capacity. They were built on local relationship of caste, guilds, craftsmen and artisans (such as weavers and oil-mongers), students, ascetics and priests. There were assemblies of villagers and also representatives of districts. General body meetings of the assembly were held annually, and meetings of smaller groups were responsible for implementing policy.

Land Grants

Land ownership was with the king, who could make revenue grants to his officers and land-grants to Brahmins, or else continue to have land cultivated by small-scale cultivators and landlords. The latter was the most common practice. Crown lands were leased out to tenants-at-will. The status of the village varied according to the tenures prevailing. The village with an inter-caste population paid land revenue. The *brahmadeya* villages were donated to a single Brahman or a group of Brahmins. These villages tended to be more prosperous than the others because no tax was paid. There were *devadana* villages, donated to a temple, and the revenue was consequently received by the temple authorities and not by the state. The temple authorities assisted the village by providing employment in the service of the temple. This last category of villages gained greater significance when in later centuries the temples became the centres of rural life. During the Pallava period the first two types of villages were predominant.

In 1879, eleven plates held together by a ring of copper, its two ends soldered and stamped with a royal seal depicting a bull and a lingam (the Pallava symbol) were discovered in Urrukkattukottam, near Puducherry. It records a grant of a village made in the twenty-second year of the king Nandivarman (753 CE). The inscriptional text commences with a eulogy of the king in Sanskrit, followed by the details of the grant in Tamil, and a concluding verse in Sanskrit.

Village Life

In the village, the basic assembly was the *sabha*, which was concerned with all matters relating to the village, including endowments, land, irrigation, cultivated, punishment of crime, the keeping of

a census and other necessary records. Village courts dealt with petty criminal cases. At a higher level, in towns and districts, courts were presided over by government officers, with the king as the supreme arbiter of justice. The *sabha* was a formal institution but it worked closely with the *urar*, an informal gathering of the entire village. Above this was a district council which worked with *nadu* or district administration. Villages populated entirely or largely by Brahmins preserved records of the functioning of assemblies and councils. The link between the village assembly and the official administration was the headman of the village.

Tank Irrigation

A special category of land, *eripatti* or tank land, was known only in south India. This land was donated by individuals, the revenue from which was set apart for the maintenance of the village tank. Rainwater was stored in the tank so that land could be irrigated during the annual long, dry spell. The tank, lined with brick or stone, was built through the cooperative effort of the village, and its water was shared by all cultivators. The maintenance of these tanks was essential to the village. Practically every inscription from the Pallava period pertaining to the rural affairs refers to the upkeep of the tank. Next in importance came wells. Water was distributed by canals, which were fitted with sluices to regulate the water level and prevent overflowing at the source. The distribution of water for irrigation was supervised by a special tank committee appointed by the village. Water taken in excess of allotted to a particular cultivator was taxed.

Revenue and Taxation

Land grants recorded mainly on copperplates provide detailed information on land revenues and taxation. Revenue



Vaikunta Perumal temple at Kanchipuram

came almost exclusively from rural sources, mercantile and urban institutions being largely unplanned. Two categories of taxes were levied on the village. The land revenue paid by the cultivator to the state varied from 1/6th to 1/10th of the produce, and was collected by the village and paid to the state collector. In the second category were local taxes, also collected in the village but utilized for services in the village itself. The tax money was spent for repairing irrigation works, illuminating the temple, etc. When the state land tax was inadequate, the revenue was supplemented by additional taxes on draught cattle, toddy-drawers, marriage-parties, potters, goldsmiths, washermen, textile-manufacturers, weavers, brokers, letter-carriers, and the makers of ghee.

The loot and booty obtained in war added to the revenue of the state. Pallava considered war to be very important and a series of sculptures depicting the important events connected with the reign of Nandivarama Pallava, notably Pallava troops attacking a fort are seen in the Vaikunta Perumal temple at Kanchipuram. This fort is depicted in the sculptures as having high ramparts with soldiers attacking it and elephants standing near it.

Pallava Army

Much of the state revenue went to maintain the army. The king maintained

a standing army under his direct control. The army consisted of foot-soldiers, cavalry and a small force of elephants. Chariots were by now almost out of use and in any case were ineffective in the hilly terrains, as much of the fighting took place there. Cavalry, though effective, was expensive, as horses had to be imported. The Pallavas developed a navy and built dockyards at Mamallapuram and Nagapattinam. However, the Pallava navy was inconsiderable compared to the naval strength of the Cholas who succeeded them.

Trade

Kanchipuram was an important trading centre in the Pallava period. The merchants had to obtain license to market their goods. Barter system generally prevailed but later the Pallavas issued gold and silver coins. Merchants had their own organizations such as Manigramam. In foreign trade, spices, cotton textiles, precious stones and medicinal plants were exported to Java, Sumatra, Cambodia, Sri Lanka, China and Burma. Mamallapuram was an important seaport.

Traders founded guilds and called themselves as *sudesi*, *nanadesi*, *ainurruvar* and others. Their main guild functioned at Aihole. Foreign merchants were known as Nanadesi. It had a separate flag with the figure of bull at the centre, and they enjoyed the right of issuing *vira-sasanas*. The jurisdiction of this guild stretched over entire south-east Asia. The chief of this guild is registered in the inscriptions as *pattanswamy*, *patnakilar*, and *dandanayaka*. Its members were known as *ayyavole-parameswariyar*.

Maritime Trade

Unlike in the Ganges plain, where large areas were available for cultivation, the regions

controlled by the Pallavas and the Chalukyas commanded a limited income from land. Mercantile activity had not developed sufficiently to make a substantial contribution to the economy. The Pallavas had maritime trade with south-east Asia, where by now there were three major kingdoms: Kambuja (Cambodia), Champa (Annam), and Srivijaya (the southern Malaya peninsula and Sumatra). On the west coast, the initiative in the trade with the West was gradually passing into the hands of the foreign traders settled along the coast, mainly Arabs. Indian traders were becoming suppliers of goods rather than carriers of goods to foreign countries, and communication with the west became indirect, via Arabs, and limited to trade alone.

Society

Brahmins as learned scholars in literature, astronomy, law and others functioned as the royal counsellors. Not only were they in the teaching profession, they were also involved in agriculture, trade and war. They were exempted from paying taxes and capital punishment. The next important social group which ruled the state was called *sat-kshatryas* (quality kshatriyas). Not all the *kshatryas* were of warring groups; some of them were involved in trading as well. They also enjoyed the right to read the *Vedas*, a privilege denied to lower varnas. The trading group maintained warriors for protection and founded trade guilds. The people who were at the bottom of the society worked in agriculture, animal husbandry, and handicraft works. People engaged in scavenging, fishing, dry-cleaning and leather works were positioned outside the varna system.

Most scholars agree that Aryanisation or the northern influence on the south picked up pace during the Pallava period. This is evident from the royal grants issued by the kings. The caste

structure had firmly established. Sanskrit came to be held in high esteem.

Kanchipuram continued to be a great seat of learning. The followers of Vedic religion were devoted to the worship of Siva. Mahendravarman was the first, during the middle of his reign, to adopt the worship of Siva. But he was intolerant of Jainism and destroyed some Jain monasteries. Many of the great Nayanmars and Alwars, Saiva and Vaishanava poet-saints lived during his time. Buddhism and Jainism lost their appeal. However, Hiuen-Tsang is reported to have seen at Kanchi one hundred Buddhist monasteries and 10,000 priests belonging to the Mahayana school.

Growing influence of Brahmanism

Perhaps the most obvious sign of the influence of Aryan culture in the south was the pre-eminent position given to Brahmins. They gained materially through large gifts of land. Aryanisation is also evident in the evolution of educational institutions in the Pallava kingdom. In the early part of this period education was controlled by Jains and Buddhists, but gradually the Brahmins superseded them. The Jains who had brought with them their religious literature in Sanskrit and Prakrit, began to use Tamil. Jainism was extremely popular, but the competition of Hinduism in the succeeding centuries greatly reduced the number of its adherents. In addition, Mahendravarman I lost interest in Jainism and took up the cause of Saivism, thus depriving the Jains of valuable royal patronage. The Jains had developed a few educational centres near Madurai and Kanchi, and religious centres such as the one at Shravanabelagola in Karnataka. But a vast majority of the Jaina monks tended to isolate themselves in small caves, in hills and forests.

Monasteries and Mutts

Monasteries continued to be the nucleus of the Buddhist educational system and were located in the region of Kanchi, and the valleys of the Krishna and the Godavari rivers. Buddhist centres were concerned with the study of Buddhism, particularly as this was a period of intense conflict between orthodox and heterodox sects. But Buddhism was fighting a losing battle. Royal patronage, which the Buddhists lacked, gave an edge to the protagonists of Vedic religions.

Apart from the university at Kanchi, which acquired a fame equal to that of Nalanda, there were a number of other Sanskrit colleges. Sanskrit was the recognized medium, and was also the official language at the court, which led to its adoption in literary circles. In the eighth century the *mathas* (mutts) became popular. This was a combination of a rest house, a feeding-centre, and an education centre, which indirectly brought publicity to the particular sect with which it was associated.

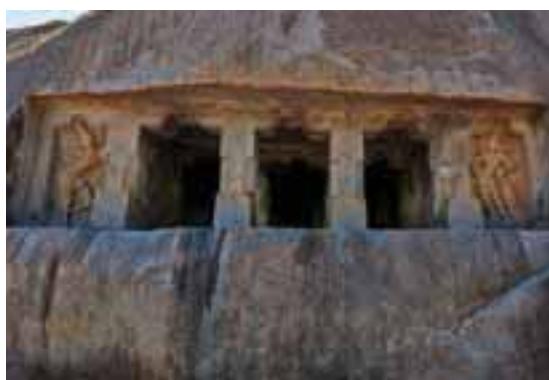
Growing Popularity of Sanskrit

Mahendravarman I composed *Mathavilasa Prahasanam* in Sanskrit. Two extraordinary works in Sanskrit set the standard for Sanskrit literature in the south: Bharavi's *Kiratarjuniya* and Dandin's *Dashakumaracharita*. Dandin of Kanchipuram, author of the great treatise on rhetoric *Kavyadarsa*, seems to have stayed in Pallava court for some time.

Rock-cut Temples

Mahendravarman I is credited with the introduction of rock-cut temples in the Pallava territory. Mahendravarman claims in his Mandagappattu inscription that his shrine to Brahma, Isvara and Vishnu was made without using traditional materials such as brick, timber, metal and mortar. Mahendravarman's rock temples are

usually the *mandapa* type with a pillared hall or the *mandapa* in front and a small shrine at the rear or sides.



Rock-cut temple of Mahendravarman Pallava

II. Ellora – Ajanta and Mamallapuram

Aurangabad district in Maharashtra is the centre of the groups of caves in Ellora and Ajanta. The Ellora group of caves are famous for sculptures while the Ajanta group of caves are famous for paintings. The dates of these temples range from c. 500 to c. 950 CE. But the activity of creating cave temples may have started two hundred years earlier. The first cave temple was created for the *Ajivikas*. Some of the temples are incomplete.

9.3 Ellora

The rock-cut cave temples in Ellora are in 34 caves, carved in Charanadri hills. Without knowledge of trigonometry, structural engineering, and metallurgy, the Indian architects could not have created such exquisite edifices. The patrons of these caves range from the dynasties of Chalukyas to Rashtrakutas. The heterodox sects first set the trend of creating this model of temples. Later, orthodox sects adopted it as a medium of disseminating religious ideologies. These temples were linked to *Ajivikas*, Jainism, Buddhism, and Brahmanism. The earliest temples are modest and simple with no artistic claims. But, the later temples are elegant edifices.

Mural paintings in Ellora are found in five caves, but only in the Kailash temple are they preserved. Some murals in Jain temples are well preserved. Not only animals, birds, trees, flowers are pictured elegantly, but human emotions and character - greed, love, compassion-are depicted with professional skill.



The Ellora caves were designated as a UNESCO World Heritage Site in 1983.

Heterodox I / Buddhist caves

There are 12 Buddhist caves. Every Buddhist cave temple is of a unique model in architecture. Some are modest; while others are double-storeyed or triple-storeyed. The plans of the caves demonstrate that these were designed as religious centres where monks stayed and the disciples were trained in religious treatises and scriptures. The main hall in the centre and the cubical rooms on either side were used as monasteries for teaching and preaching. This is attested by a figure, in cave number six, of man reading a manuscript on a folding table. The panels in these caves portray scenes from the life of the Buddha. Three different characters are identified by the sculptures in the caves. The central figure is Buddha found in three sagacious postures: meditating (*dhyana mudra*), preaching (*vyakhyana mudra*) and touching the earth by index finger of right hand (*bhumi-sparsha mudra*).

Goddesses

Buddhist caves represented goddesses by way of the carved images of Tara, Khadiravani-tara, Chunda, Vajradhat-vishvari, Mahamayuri, Sujata, Pandara and Bhrikuti. In cave twelve, a stout female figure is depicted wearing a waistband and headgear of a cobra. Khadiravani-tara also holds a cobra in one of her hands in the same cave.



Buddha in Meditation-Ellora

Heterodox II / Jain caves

A few Jain caves are also seen in Ellora group and are distinct from others. But they are incomplete. The figures of Yakshamatanga, Mahavira, Parsvanatha, and Gomatesvara are surrounded by attendants.

Caves of Vedic Religions

The earliest caves in these groups are modest and simple. Mostly, they are square-shaped except Kailasanatha cave (cave-16), which is a massive monolithic structure, carved out of a single solid rock. This temple is said to represent Kailash, the abode of Lord Shiva. The temple is two storeyed and the Kailasa temple is on the first one. The lower storey has carved life-size elephants, which looks like they are holding up the temple on their backs. The temple exterior has richly carved windows, images of deities from the Hindu scriptures and Mithunas (amorous male and female figures). Most of the deities to the left of the temple entrance are Saivite and the deities to the right of the entrance are Vaishnavite. The courtyard has two huge pillars with the flagstaff and a Nandi mandapa. The wedding ceremony of Siva-Parvati, the attempted lifting of the Kailasa mountain by Ravana, and the destruction of Mahisasura by the goddess *Durga* are beautiful specimens. Weapons and musical instruments of the gods are also depicted through the panel sculptures. An interesting sculpture is that of the river goddess Ganga

mounted on a crocodile and the river goddess Yamuna mounted on a tortoise.

9.4 Ajanta

The Ajanta caves are situated at a distance of about 100 km north of Aurangabad in Maharashtra. Totally 30 caves have been scooped out of volcanic rocks. Though chiefly famous for mural paintings, there are some sculptures too. The Hinayana sect of Buddhism started the excavation of caves in Ajanta. The patrons were the kings who ruled the Deccan plateau during the period c. 200 BCE to 200 CE. Inscriptions speak of the patrons who range from kings to merchants. First phase of the caves belong to the period from c. 200 BCE to 200 CE. The second phase started from c. 200 CE to 400 CE.

Paintings

Ajanta caves are the repository of rich mural paintings. Paintings of the early phase are mostly in caves nine and ten, which belong to the period of the Satavahanas. The authors of Ajanta paintings followed ingenious techniques. First, they plastered the ridged surface of the volcanic rock. This plaster was made of vegetable fibres, paddy husk, rock-grit, and sand. This surface was overlaid with a thin layer of lime, ready to receive the pigment. Recently it was noticed that a stretch of cloth was reinforced on the surface for the application of pigment.

The colours were extracted out of natural objects and minerals. The prominent colours used are black, red, white, yellow, blue and green. The aesthetic features of the paintings are garland, necklaces, headgear, ear-rings and the perfection of the movements of the human hands. The story panels are attractive and informative. Scenes from the Jataka stories and select episodes from the life history of Buddha are the central theme of the paintings.



Ajanta: Bodhisatva

The celestial figures of Kinnaras, Vidyadharas and Gandharvas are depicted in paintings and sculptures. In the paintings of the later period Bodhisattva is shown in larger relief. Though a variety of human moods are presented, the dominant ones are of compassion and peace. Light and shadow are intelligently used. Human figures depicted in different colours have been interpreted to mean that they are from different ethnicities.

Architecture and Sculpture

Architecturally, Ajanta caves are grouped into two: *chaityas* and *viharas*. The *chaityas* have vaulted ceilings with long halls. In the rear end of the halls the statue of Buddha is seen. The sculpture of Buddha in the *garbagriha* is in the classical model. His image is the embodiment of benevolence. Heaviness is the general character of the sculptures. Sculptures of Yakshis and Hariti with children are significant. Bodhisattva carved out



Ajanta Cave 12: Vihara Cells

independently is another important feature. The popular Bodhisattva Avalokitesvara is depicted in painting and sculpture.

9.5 Mamallapuram

The iconic Shore Temple of Pallavas at Mamallapuram (Mahabalipuram) was constructed during the reign of Rajasimha (700-728). The temple comprises three shrines, where the prominent ones are dedicated to Siva and Vishnu. The exterior wall of the shrine, dedicated to Vishnu, and the interior of the boundary wall are elaborately carved and sculpted. In southern India, this is one amongst the earliest and most important structural temples. Unlike other structures of the region, the Shore Temple is a five-storeyed rock-cut monolith. The monolithic *vimanas* are peculiar to Mamallapuram.

The Rathas there are known as the Panchapandava Rathas. The Arjuna Ratha contains artistically carved sculptures of Siva, Vishnu, *mithuna* and *dwarapala*. The most exquisite of the five is the Dharmaraja Ratha, with a three-storied *vimana* and a square base. The Bhima Ratha is rectangular in plan and has beautiful sculptures of Harihara, Brahma, Vishnu, Skanda, Ardhanarisvara and Siva as Gangadhara.



Panchapandava Rathas

The most important piece of carving in Mamallapuram is the Descent of the Ganga (variously described as 'Bhagirata's Penance' or 'Arjuna's Penance'). The portrayal of puranic figures with popular local stories reveals the skill of the artists in blending various aspects of human and animal life. The



Shore Temple at Mamallapuram

sculptural panel in the Krishna *mandapa*, where village life with cows and cowherds is depicted with beauty and skill, is yet another artistic wonder to behold.

Conclusion

Rock-cut temples were common in the Pallava period. The structural temples and the free-standing temples at Aihole and Badami in the Deccan and at Kanchipuram and Mamallapuram provide testimony to the architectural excellence achieved during the period.

The Deccan style of sculpture shows a close affinity to Gupta art. Pallava sculpture owed a lot to the Buddhist tradition. Yet the sculpture and the architecture of the Deccan and Tamil Nadu were not mere offshoots of the northern tradition. They are distinctly recognizable as different and have an originality of their own. The basic form was taken from the older tradition, but the end result unmistakably reflected its own native brilliance.

III. Devotional Movement and Literature

9.6 Tamil Devotionalism

The emergence of regional polities in south India necessitated the establishment of states based on a certain ideology. In the context of the times religion alone could be the rallying point. The Pallavas of Kanchipuram in north and the Pandyas

of Madurai in south of Tamil country patronised the religious movement of Bhakti, spearheaded by the elite and the wealthy merchant class. The local temple became the nucleus of this movement. Bhakti became the instrument to touch the hearts of people emotionally, and mobilize them.

Bhakti cult as a religious movement opened a new chapter in the history of Tamilnadu in the early medieval period. A strong wave of Tamil devotionalism swept the country from the sixth through the ninth centuries. The form was in hymns of the Nayanmars and the Azhwars. The saints of Saivism and Vaishnavism simplified the use of Tamil language with the application of music. They brought the local and regional ethos into the mainstream. Azhwars (totally 12) and Nayanmars (totally 63), came from different strata of Tamil society, such as artisans and cultivators. There were women saints as well like Andal, an Azhwar saint. The poet Karaikkal Ammaiyan (Tilakawathi), and the Pandya queen Mangayarkkarasiyar were prominent female Nayanmar saints. *The refashioning of Saivism and Vaishnavism by the Bhakti saints effectively challenged Buddhism and Jainism. The influence of the Bhakti movement is still discernable in Tamilnadu.*

Sources

Hymns of Thevaram corpus; *Nalayiradivyaprapandam*; *Periyapuram*; *Tiru-thondarthogai*; Manickavasakar's *Tiruvasagam*; Hymns engraved on the walls of temples. Miniature sculptures in the circumambulation of temples; paintings in the temples.

Bhakti as Ideology

The term Bhakti has different connotations. It includes service, piety, faith and worship. But it also has an extended meaning. It

is an enactment of emotion, aesthetics and sensitivity. Bhakti hymns have three major themes: First and foremost is the idea of devotion to a personal god. The second is a protest against orthodox Vedic Brahmanism and the exclusiveness of the Brahmins in their access to divine grace and salvation. The third is the outright condemnation of Jains and Buddhists as heretics.

Bhakti and the Arts

Originating with folk dancing, the choreography of temple dancing became highly sophisticated and complex renderings of religious themes as apparent in the final form. From the Pallava period onwards trained groups of dancers were maintained by the more prosperous temples. Classic scenes from *puranas*, and *itihasas* were sculpted on the walls of the temples, in bronze and stone. Subsequently, artists were attached to the temples with state patronage in order to promote the fine arts like music, dance and others. Religious hymns set to music were popularized by the Tamil saints, and the singing of these hymns became a regular feature of the temple ritual. The *veena* was probably the most frequently used instrument. Sometime around the fifth century CE, it was replaced in India by a lute with a pear-shaped body. Some two centuries later it took the form in which it is found today-a small gourd body with a long finger-board.

9.7 Azhwars and Nayanmars

Azhwars

Azhwars composed moving hymns addressed to Vishnu. They were compiled in the *Nalayira Divviyaprabandham*



Azhwars

by Nadamuni, at the end of the ninth century. Nadamuni who served as a priest at the Ranganatha temple in Srirangam is credited with compiling this work comprising four thousand poems. Periyalvar lived in Srivilliputtur during the reign of Pandyan king Maravarman Srivallabha in the ninth century. The themes are mostly Krishna's childhood. Krishna is the hero in Andal's hymns. Her songs convey her abiding love for Krishna. Nammalvar, from Kurugur (Alvar Tirunagari), now in Thoothukudi district, is considered the greatest amongst Alvars. Nammalvar authored four works that include the *Tiruvaymoli*. Vaishnava devotees believe that his hymns distil the essence of the four Vedas. From the twelfth century, the Vaishnava hymns were the subject of elaborate and erudite commentaries.

Nayanmars

The prominent Saiva poets include Tirunavukarasar (Appar), Tirugnanasambandar and Sundarar, and Manikkavasagar. Nambi Andar Nambi compiled their hymns into an anthology



Nayanmars

of eleven books, towards the end of tenth century. The first seven books, commonly known as *Thevaram*, contain the hymns of Sambandar (I to III), Appar (books IV to VI) and Sundarar (book VII) and Manikkavasagar (book VIII). Sekkilar's *Periyapuram* is the twelfth *thirumurai* of the Saiva canon. It is a hagiography of the sixty-three Nayanmars but contains an undercurrent of historical information as well. This collection of 12 books is named *Panniru Tirumurai*. The *Periyapuram* relates many stories about Nayanmars and the miraculous episodes in their lives.

Impact

The devotional movement manifested itself as a great social transformation. The apogee of its movement was the coming up of temples that became prominent in the Tamil landscape. Temples, in later Chola times, became great social institutions. Politically, the Bhakti movement prompted the rulers to establish the settlements for the invited Brahmin groups from the north of the Indian sub-continent. Royal members, local administrative bodies and individuals initiated the calendrical celebrations and festivals to be conducted in the temples for which they started making endowments to meet their expenditure. It directly speeded up the emergence of state in Tamil country and indirectly integrated the different social groups into the religious fold through the instrumentality of temple institutions. Over the centuries the Bhakti movement spread all over India, and resulted in a transformation of Hinduism.

9.8 Adi Sankara (788-820)

Bhakti or devotional movement incorporated different sections of the

society into mainstream politics through the motto of service, surrender and sacrifice. Every layman could understand this motto because Bhakti literary canons were composed in Tamil in simple syntactic and semantic style. But, with the arrival of Adi Sankara Bhakti discourse began in Sanskrit in a philosophical mode.

Advent of Adi Sankara

Against the background of the emerging pan-Indian need for an ideology to evolve statehood, a new doctrine was expounded by Sankara from Kaladi, Kerala. With his new doctrine of *Maya* (illusion) he held debates with his counterparts from different sects of religions and won over them. Fundamentally, Sankara's Advaita or non-dualism had its roots in Vedanta or Upanishadic philosophy. His attempts to root out Buddhism and to establish *smarta* (traditionalist) *mathas* resulted in the establishment of monasteries in different places viz., Sringeri, Dvaraka, Badrinath, and Puri, which were headed by Brahmin pontiffs. Sankara looked upon Saiva and Vaishnava worship as two equally important aspects of the Vedic religion. Monastic organization and preservation of Sanskrit scriptures were the two major thrusts of Sankara school.

9.9 Sri Ramanujar (1017-1138)

Sri Ramanujar, a native of Sriperumpudur, underwent philosophical training under Yatavaprakasar in Kanchipuram in Sankara school of thought. The young Ramanujar did not agree with the teachings of his *guru* and was fascinated by the teachings of the Srirangam school of thought. Yamunacharya who once found him in Kanchi invited him to Srirangam. But as soon as he reached

Sri Rangam, Yamunacharya passed away. Ramanujar was then declared the head of monastery in Srirangam. He took control of monastery, temple and united the sect with efforts at modifying the rituals in temples. Ramanuja was a teacher-reformer and a great organiser. He challenged the monist ideology of Adi Sankara and in his effort to widen the social base to include social groups other than Brahmins. Described as qualified monism, his philosophy of Visishtadvaita influenced many thinkers and developed into a separate tradition. A century after his death, there was a schism which developed into two separate schools under Vedanta Desikar and Manavala Mamuni. Ramanuja took interest in propagating the doctrine of Bhakti to social groups outside the varnashrama system. He influenced some temple authorities to permit the social groups outside the varnashrama system to enter into temple at least once a year. It is believed that due to the perceived threat to their religious faith and existence, Ramanujar had to leave his place of residence.

Conclusion

The developments in south India that took place during this time facilitated the fusion of north Indian and south Indian traditions and paved the way for the evolution of a



Sri Ramanujar

composite Indian culture. The popularity of the bhakti cult in various parts of India was inaugurated by the Tamil devotional cult, indicating that ‘maximum of common characteristics was beginning to merge in the various regions of the sub-continent’. Quoting M.G.S. Narayanan and Kesavan Veluthat, we can sum up the significance of bhakti ideology as ‘the cementing force bringing together kings, Brahmin priests and the common people in a harmonious manner to strengthen the rule of the newly established Hindu kingdoms based on the caste system.’

SUMMARY

I Chalukyas and Pallavas

Chalukyas

- Chalukyas of Vatabi, Pulikesin II in particular prevented Harsha in the north and Pallavas in the south from extending their territorial power into their occupied territory of Deccan.
- Chalukyas established a comprehensive administrative structure at the provincial, district and village level and supported both Vedic and heterodox religions.

- Their contribution to art and architecture are evident from the temples and the monuments at Aihole, Badami and Pattadakkal.

Pallavas

- Pallavas established their kingdom in Tondaimandalam with Kanchipuram as their capital.
- Efforts of Pallava kings, Mahendravarman I and Narasimhavarman I, to extend their territory further north led to constant wars with Chalukyas.
- Pallava period witnessed introduction of Sanskrit and establishment of Brahmadeyas.
- Pallava rule is known for its architecture and Mamallapuram is a classic example.
- Pallava kings patronized literature and art. Mahendravarman himself authored *Mathavilasaprahasanam*

II Ellora, Ajanta and Mamallapuram

Ellora

- Ellora caves are famous for sculptures representing all religious sects: Ajivika, Jainism, Buddhism and Brahmanism.
- Panels in Buddhist caves portray scenes from the life of Buddha.
- Kailasanatha cave temple features panels with scenes of puranas and legends.

Ajanta

- There are thirty caves in Ajanta. In five caves there are mural paintings. Scenes from Jataka stories and select scenes from the life history of Buddha are depicted.
- Apart from the statue of Buddha, Bodhisattva is also a striking feature of chaityas and viharas.

Mamallapuram

- Rock-cut temples and structural temples are Pallavas' contribution
- Shore temples at Mamallapuram is a classic example of Pallava architecture
- Descent of Ganges, Arjuna's penance are illustrious examples of the sculptural excellence.

III The Bhakti Movement

Azhwars and Nayanmars

- The hymns of Azhwars and Nayanmars inaugurated the bhakti cult in Tamil country.
- Pallavas and Pandiyas patronized the bhakti movement. Bhakti as ideology helped integrate all sections of society under the banner of religion.
- Ramanujar challenged the monistic ideology of Adi Sankara and expounded Visishtatvaita.
- Ramanujar attempted to include even outcastes into the devotional movement.
- A synthesis of north Indian and south Indian traditions occurred during this period.

EXERCISE



I. Choose the correct answer

1. Which one of the following is not properly paired?

(a) Govinda III – Vatabi	(b) Ravikriti – Pulikesin II
(c) Vishayam- Rashtrakutas	(d) Nammalvar-Kurugur

2. Choose and match

1. Simhavishnu	- Chalukya
2. Jayasimhan I	- Rashtrakuta
3. Aditya I	- Dockyard
4. Mamallapuram	- Chola king

(a) 4, 3, 1, 2	(b) 4, 1, 2, 3
(c) 2, 1, 4, 3	(d) 4, 3, 2, 1

3. Kambuja is modern_____.

(a) Assam	(b) Sumatra	(c) Annam	(d) Cambodia
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4. _____ is a religious centre established by Jains

(a) Saravanabelgola	(b) Madurai	(c) Kanchi	(d) Kalugumalai
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5. Where was temple built for performing royal rituals by Chalukyas

(a) Aihole	(b) Badami	(c) Megudi	(d) Pattadakkal
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6. Foreign merchants were known as _____.

(a) Pattanswamy	(b) Nanadesi	(c) Videshi	(d) Desi
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7. _____ is the doctrine propounded by Adi Sankara

(a) Monism	(b) Visistatvaita	(c) Saiva Siddhantha	(d) Vedanata
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II. Answer briefly

1. What do you know of the battle of Sripurambyam?
2. Attempt a brief account of Aihole Inscription.
3. Identify two important literary works in Kannada of Chalukyas' time .
4. Point out the contribution of Ramanujar in making Vaishnavism more inclusive.

III. Write short notes:

1. Administrative divisions of Pallavas
2. Kailasanatha cave in Ellora.
3. Famous trio of Saiva saints.
4. Role of Alwars in popularising Vaishnavism in Tamil country
5. Importance of royal women during Chalukya rule.

IV. Write your answer in detail

1. Highlight the importance of land grants issued by the Pallava kings.
2. Discuss the maritime activity in Pallava kingdom.
3. Describe the architectural excellence of shore temples at Mamallapuram.

Activity

1. A comparative analysis of Bhakti movement in the south and in the north of India.
2. Exploring the life history of Alvars and Nayanmars.

GLOSSARY

insignia	- a badge showing official position	- சிறப்புறிமைச் சின்னம்
mercantile	- commercial	- வணிகம் சார்ந்த
protagonist	- one who champions	- முன்னெடுப்பர்
edifice	- building	- கட்டடம்/மாளிகை
connotation	- meaning	- அர்த்தம்/பொருள்
erudite	- learned/scholarly	- ஆழந்து கற்ற
esoteric	- meant for the enlightened	- மெய்யறிவு உள்ளவர்களுக்காக



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Lesson 10

Advent of Arabs and Turks

Learning Objectives



- To learn the nature and outcome of Arab Conquest of Sind and the military raids of Mahmud of Ghazni and Muhammad of Ghor
- To acquire knowledge about the nature of Delhi Sultanate under its various dynasties.
- To know the socio-economic conditions of the country under the Sultanate.
- To understand the impact of Islam in India with reference to syncretism in literature, art, music and architecture.

Introduction

The period from the thirteenth to the sixteenth centuries (1200-1550 CE) saw the arrival of Islamic institutions and Islamic culture in India. Historians have interpreted the history of this period from differing perspectives. Conventionally the regimes of the Sultanate have been evaluated in terms of achievements and failures of individual Sultans. A few historians, critiquing this personality-oriented history, have evaluated the Sultanate as having contributed to material and cultural development, leading to the evolution of a composite culture in India. Historians focusing on history of class relations, have argued that the medieval state served as the agent of the ruling class and hence, the regimes of the Sultanate were diminutive in their institutional advancement when compared with the Great Mughals. Thus there is no consensus yet amongst scholars in determining the true nature of the Sultanate.

The two-fold objective of this lesson are: (a) to introduce the students to a conventional study of rulers, events, ideas, people and their conditions under the Sultanate, and (b) to structure the content in such a way that the students examine it critically and raise new questions.

Advent of Arabs: The Context

The geographical location of Arabia facilitated trade contact between India and Arabia. As sea-faring traders the pre-Islamic Arabs had maritime contacts with the western and eastern coasts of India. While there were south Indian settlements in the Persian Gulf, Arabs too settled in Malabar and the Coromandel Coast. Arabs who married Malabar women and settled down on the West Coast were called Mappillais (sons-in-law). Arab military expedition in 712 and subsequent Ghaznavid and the Ghori military raids, intended to loot and use the resources seized to strengthen their power in Central Asia, created a relationship

of the conqueror and the conquered. Following the invasion of Afghanistan by Khurasan (Eastern Iran) Shah and later by Chengiz Khan severed the ties of North India Sultanate with Afghanistan. Mongol invasions destroyed the Ghurid Sulatanate and Ghazni, and cut into the resources of Sultan Nasir-ud-din Qubacha (1206-1228), the ruler of Uchch and Multan. Thus the Sultan Iltutmish had the opportunity of expanding his influence in northern India that enabled Muslim rulers to rule Indian provinces with Delhi as capital for about four centuries.

Though it is customary to describe this period as the Muslim period, the rulers of medieval India came from different regions and ethnicities: Arabs, Turks, Persians, and Central Asians were involved militarily and administratively. Iltutmish was an Olperli Turk and many of his military slaves were of different Turkish and Mongol ancestries brought to Delhi by merchants from Bukhara, Samarkhand and Baghdad. There were some slaves of other ethnicities as well (notably Hindu Khan, captured from Mihir in Central India) but Iltutmish gave them all Turkish titles.

The Sultanate (1206–1526) itself was not homogenous. Its rulers belonged to five distinct categories: (a) Slave Dynasty (1206-1290) (b) Khalji Dynasty (1290-1320) (c) Tughlaq Dynasty (1320-1414) (d) Sayyid Dynasty (1414-1451) and (e) Lodi Dynasty (1451-1526).

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Persian chronicles speak about the Delhi Sultanate in hyperbolic terms. Their views dealing with the happenings during the period of a certain Sultan were uncritically appropriated into modern scholarship.— Sunil Kumar, *Emergence of Delhi Sultanate*

10.1 The Arab Conquest of Sind

The Arab governor of Iraq, Hajjaj Bin Yusuf, under the pretext of acting against the pirates, sent two military expeditions against Dahar, the ruler of Sind, one by land and the other by sea. Both were defeated and commanders killed. Hajjaj then sent, with the Caliph's permission, a full-fledged army, with 6000 strong cavalry and a large camel corps carrying all war requirements under the command of his son-in-law, a 17-year-old Muhammad Bin Qasim.

Muhammad Bin Qasim

Muhammad Qasim marched on the fortress of Brahmanabad where Dahar was stationed with a huge army. Dahar's wazir (Prime

minister) betrayed him, which was followed by the desertion of a section of his forces. The predecessors of Dahar, the Brahmin rulers of Sind, had usurped power from the earlier Buddhist ruling dynasty of Sind and, with the patronage of Dahar Brahmins, had occupied all higher positions. This led to discontentment and therefore Dahar lacked popular support. In this context it was easy for Muhammad Qasim to capture Brahmanabad. Qasim thereupon ravaged and plundered Debal for three days. Qasim called on the people of Sind to surrender, promising full protection to their faith. He sent the customary one-fifth of the plunder to the Caliph and divided the rest among his soldiers.

The Arab conquest of Sind has been described as a “triumph without results” because it touched but a fringe of the country, which, after Qasim’s expedition had a respite from invasions for about three centuries.

Mahmud of Ghazni

In the meantime, the Arab empire in Central Asia had collapsed with several of its provinces declaring themselves independent. One of the major kingdoms that emerged out of the broken Arab empire was the Samanid kingdom which also splintered, leading to several independent states. In 963 Alaptigin, a Turkic slave who had served Samanids as their governor in Khurasan, seized the city of Ghazni in eastern Afghanistan and established an independent kingdom. Alaptigin died soon after. After the failure of three of his successors, the nobles enthroned Sabuktigin.

Sabuktigin initiated the process of southward expansion into the Indian sub-continent. He defeated the Shahi ruler of Afghanistan, Jaypal, and conferred the governorship of the province on Mahmud, his eldest son. When Sabuktigin died in 997, Mahmud was in Khurasan. Ismail,

the younger son of Sabuktigin had been named his successor. But defeating Ismail in a battle, Mahmud, aged twenty-seven, ascended the throne and the Caliph acknowledged his accession by sending him a robe of investiture and by conferring on him the title Yamini-ud-Daulah ('Right-hand of the Empire').

To Arabs and Iranians, India was Hind and the Indians were 'Hindus'. But as Muslim communities arose in India, the name 'Hindu' came to apply to all Indians who were not Muslims.

Mahmud's Military Raids

Mahmud ruled for thirty-two years. During this period, he conducted as many as seventeen military campaigns into India. He targeted Hindu temples that were depositories of vast treasures. Though the motive was to loot, there was also a military advantage in demolishing temples and smashing idols. The Ghaznavid soldiers viewed it also as a demonstration of the invincible power of their god. The religious passions of Mahmud's army expressed itself in slaughter of 'infidels' and plunder and destruction of their places of worship. However, there is little evidence of any large scale conversion of people to their faith. Even those who became Muslims to save their lives and properties, returned to their original faith when the threat of Ghaznavid invasion ceased.

After defeating the Shahi king Anandapala, Mahmud went beyond Punjab, penetrating deep into the Indo-Gangetic plain. Before reaching Kanauj, Mahmud raided Mathura. In later historiography, of both the British and Indian nationalists, Mahmud is notorious for his invasion of the temple city of Somnath (1025) on the seashore in Gujarat. Many scholars argue that these plundering raids were more

of political and economic character than of religious chauvinism. Desecration of temples, vandalising the images of deities were all part of asserting one's authority in medieval India. Mahmud's raids and his deeds fit this pattern, though their memories went into the creation of communal divide.

This apart, the plundering raids of Mahmud were meant to replenish the treasury to maintain his huge army. The Turks relied on a permanent, professional army. It was built around an elite corps of mounted archers who were all slaves, bought, trained, equipped, and paid in cash from the war booty taken alike from Hindu kingdoms in India and Muslim kingdoms in Iran.

Persian sources contain exaggerated claims about the wealth seized from these raids. For instance, it is claimed that Mahmud's plunder of the Iranian city of Ray, in 1029, brought him 500,000 dinars worth of jewels, 260,000 dinars in coins, and over 30,000 dinars worth of gold and silver vessels. Similarly, Mahmud's raid on Somnath is believed to have brought in twenty million dinars worth of spoils. Romila Thapar points out that those who had suffered from these predatory invasions seemed to maintain a curious silence about them, as Hindu and Jain sources available on Somnath expedition do not corroborate the details or viewpoints found in Arab chronicles.



Somnath Temple

Such plundering raids were economic and iconoclastic in nature, and communal character was attributed to them later. They represented the kinds of disasters that were inseparable from contemporary warfare and the usual plundering nature of rulers of the medieval period.

The history of the Ghaznavid dynasty after the death of Mahmud is a story of endless clashes over succession between brothers, cousins, and uncles. There were, however, exceptions like Sultan Ibrahim who ruled for over forty-two years and his son Masud who ruled for seventeen years. The ever-hanging threat from Ghuris from the north and the Seljuq Turks from the west proved to be disastrous for the kingdom. The later rulers of Ghaznavid dynasty could exercise their authority only in the Lahore region and even this lasted only for three decades. In 1186 Ghuri prince Muizzud-din Muhammad invaded Punjab and seized Lahore. The last ruler Khurav Shah was imprisoned and murdered in 1192. With his death the Ghaznavid house of Mahmud came to an end.

Muhammad Ghori

If Ghaznavid invasions were intended for loot, the Ghurids enlarged their scope to establish garrison towns to ensure the regular flow of plunder and tribute. Muizzuddin



Muhammad Ghori (modern representation)

Al-Beruni, mathematician, philosopher, astronomer, and historian, came to India along with Mahmud of Ghazni. He learned Sanskrit, studied religious and philosophical texts before composing his work *Kitab Ul Hind*. He also translated the Greek work of Euclid into Sanskrit. He transmitted Aryabhata's magnum opus *Aryabattiyam* (the thesis that earth's rotation around its axis creates day and night) to the West. He was the inter-civilizational connect between India and the rest of the world.

Muhammad of the Ghori dynasty, known generally as Muhammad Ghori, invested in territories he seized. Through the 1180s and 1190s Ghori established garrisons in the modern provinces of Punjab, Sind, and Haryana. These centres of military power soon attracted the in-migration of mercenaries in search of opportunities. These mercenaries were recruited to organize fiscal and military affairs of the Sultanate. The Sultan's military commanders in north India were drawn from his elite military class. Specially trained in warfare and governance these slaves were different from agrestic (related to land\field labour) and domestic slaves. Lahore, then Uchch and Multan were initially considered significant centres of power. In 1175 Ghori headed for the city of Multan which he seized from its Ismaili ruler. The fort of Uchch fell without a fight. The Chalukyas of Gujarat inflicted a crushing defeat on Muhammad Ghori at Mt. Abu (1179). After this defeat Ghori changed the course of his expedition, consolidating his position in Sind and the Punjab.

Prithviraj Chauhan

Ghori attacked the fortress of Tabarhinda (Bhatinda), a strategic point for the Chauhans of Ajmer. The ruler of Ajmer Prithviraj Chauhan marched to Tabarhinda and faced the invader in the First Battle of Tarain (1191). Prithviraj scored a brilliant victory in this battle but failed to consolidate his position believing this battle to be a frontier fight, and did not expect the Ghurids to make regular attacks. Ghori was wounded and carried away by a horseman

to safety. Contrary to the expectations of Prithviraj Chauhan, Muhammad Ghori marched into India in the following year (1192). Prithviraj underestimated the potential danger of the enemy. In the Second Battle of Tarain, one of the turning points in Indian history, Prithviraj suffered a crushing defeat and was eventually captured. Ghori restored him to his throne in Ajmer. But on charges of treason he was later executed, and Ghori's trusted general Qutb-ud-din Aibak was appointed as his deputy in India.



Prithviraj Chauhan (modern representation)

Jaya Chandra of Kanauj

Soon Ghori was back in India to fight against the Kanauj ruler Jaya Chandra. When all Rajput chiefs had stood by Prithviraja in his battles against Muhammad Ghori, Jaya Chandra stood apart, as there was enmity between Prithviraj and Jai Chandra, on account of Prithviraj's abduction of Jaya Chandra's daughter Samyukta. So Ghori easily defeated Jaya Chandra and returned to Ghazni with an enormous booty. On the way while camping on the banks of Indus, he was killed by some unidentified assassins.

Rajput Kingdoms

By the beginning of the tenth century two powerful Rajput Kingdoms Gurjar Prathihara and Rashtrakutas had lost their power. Tomaras (Delhi), Chauhans (Rajasthan), Solankis (Gujarat), Paramaras (Malwa), Gahadavalas (Kanauj) and Chandelas (Bundelkhand) had become important ruling dynasties of Northern India. Vigraharaja and Prithviraj, two prominent Chauhan rulers, Bhoja of Paramara dynasty, Ghadavala king Jayachandra, Yasovarman, Kirti Varman of Chandelas were all strong in their own regions.

The world famous Khajuraho temple complex consisting of many temples including the Lakshmana temple, Vishwanatha temple and Kandariya Mahadeva temple was built by the Chandelas of Bundelkhand who ruled from Khajuraho.

The Rajputs had a long tradition of martial spirit, courage and bravery. There was little difference between the weapons used by the Turks and the Rajputs. But in regimental discipline and training the Rajputs were lax. In planning their tactics to suit the conditions, the Turks excelled. Moreover, the Turkish cavalry was superior to the Indian cavalry. The Rajput forces depended more on war elephants, which were spectacular but slow moving compared to the Turkish cavalry. The Turkish horsemen had greater mobility and were skilled in mounted archery. This was a definite military advantage which the Turks used well against their enemies and emerged triumphant in the battles.

Foundation of Delhi Sultanate

10.2 The Slave Dynasty

After the death of Ghori there were many contenders for power. One was Qutb-ud-din Aibak, who ascended the throne in Delhi

with his father-in-law Yildiz remaining a threat to him for the next ten years. The three important rulers of this dynasty are Qutb-ud-din Aibak, Iltutmish and Balban.

The Slave dynasty is also known as the Mamluk dynasty. Mamluk means property. It is also the term for the Arabic designation of a slave.

Qutb-ud-din Aibak (1206-1210)

Qutb-ud-din Aibak was enslaved as a boy and sold to Sultan Muhammad Ghori at Ghazni. Impressed with his ability and loyalty the Sultan elevated him to the rank of viceroy of the conquered provinces in India. Muhammad Bin Bhakthiyar Khalji, a Turkish general from Afghanistan assisted him in conquering Bihar and Bengal. Qutb-ud-din Aibak reigned for four years (1206 to 1210 CE) and died in 1210 in Lahore in an accident while playing chaugan.

Bhakthiyar Khalji is charged with destroying the glorious Buddhist University of Nalanda in Bihar, who is said to have mistaken it for a military camp! Detailed descriptions of Nalanda is found in the travel accounts of Chinese pilgrim Hieun Tsang. The manuscripts and texts in the hundreds of thousands in the Nalanda library on subjects such as grammar, logic, literature, astronomy and medicine were lost in the Turkish depredations.

Iltutmish (1210–1236)

Shams-ud-din Iltutmish (1210-36) of Turkish extraction was a slave of Qutb-ud-din Aibak. Many of his elite slaves were also of Turkish and Mongol ancestry. They were brought to Delhi by merchants from trade centres like Bukhara, Samarqand and Baghdad. (There were some slaves of other ethnicities as well). But Iltutmish gave

them all Turkish titles. Iltutmish's reliance on his elite military slaves (*Bandagan*) and his practice of appointing them for the posts of governors and generals in far-off places did not change despite the migration into North India of experienced military commanders from distinguished lineages fleeing from the Mongols.

Shams-ud-din Iltutmish, the slave and son-in-law of Qutb-ud-din Aibak, ascended the throne of Delhi setting aside the claim of Aram Shah, the son of Qutb-ud-din Aibak. During his tenure he put down the internal rebellions of Rajputs at Gwalior, Ranthambor, Ajmer and Jalore. He overcame the challenge of Nasiruddin Qabacha in Lahore and Multan, and frustrated the conspiracy of Alivardan, the Governor of Bengal. He diplomatically saved India by refusing to support the Khwarizmi Shah Jalaluddin of Central Asia against the Mongol ruler Chengiz Khan. Had he supported Jalaluddin, the Mongols would have overrun India with ease. His reign was remarkable for the completion of Qutb Minar, a colossal victory tower of 243 feet at Delhi, and for the introduction

Bandagan is the plural of banda, literally military slaves. They were graded according to the years of service, proximity and trustworthiness. This trust led to their appointment as governors and military commanders. The Ghurid bandagan in North India were the slaves of Muiz-ud-Din Ghuri. Since these slaves were without a social identity of their own they were given new names by their masters, which included the nisba, which indicated their social or regional identity. Slaves carried the nisba of their master: hence Mu'izz al-Din's slave carried the nisba Mu'izzi and later Sultan Shams-ud-Din Iltutmish's slave were called the Shamsi bandagan.

of copper and silver *tanka*, the two basic coins of the Sultanate period.

Since the dynastic traditions of the 'slave regime' were weak, succession to the throne was not smooth after Iltutmish's death. The monarch was succeeded by a son, a daughter (Sultana Razia), another son, and a grandson, all within ten years, and finally by his youngest son Sultan Nasir al-Din Mahmud II (1246–66). Iltutmish's descendants fought long but in vain with their father's military slaves who had been appointed as governors of vast territories and generals of large armies. They constantly interfered in Delhi politics, dictating terms to Iltutmish's successors. Though Iltutmish's royal slaves (*bandagan-i-khas*) were replaced by junior *bandagan*, the latter were not oriented to their master's vision of a paramount, monolithic Sultanate to the same extent as their predecessors. The slave governors located in the eastern province of Lakhnauti (modern Bengal) and the Punjab and Sind provinces in the west were the first to break free from Delhi. Those in the 'core territories' from Awadh-Kara on the River Sarayu in the east, to Samana-Sunam in the Punjab on the west, sought to resist the intervention of Delhi by consolidating their home bases and allied with neighbouring chieftains. After two decades of conflict amongst the Shamsi *bandagan* and successive Delhi Sultans, in 1254, Ulugh Khan, a junior, newly purchased slave in Iltutmish's reign and now the commander of the Shivalikh territories in the North-West, seized Delhi. He took the title of *na'ib-i mulk*, the Deputy of the Realm, seizing the throne as Sultan Ghiyas al-Din Balban in 1266.

Balban (1265–1287)

The political intrigues of the nobility that destabilised the Delhi Sultanate came to

Raziya Sultana (1236-1240). Raziya was daughter of Iltutmish, who ascended the throne after a lot of hurdles put up by the Turkish nobles. According to Ibn Battuta, the Moroccan traveller, 'Raziya rode on horseback as men ride, armed with a bow and quiver, and surrounded by courtiers. She did not veil her face.' Yet Raziya ruled for only three and half years. The elevation of an Abyssinian slave, Jalal-ud-din Yaqut, to the post of Amir-i-Akhur, Master of the Stables, a very high office, angered the Turkish nobles. The nobles overplayed her closeness with Yaqut and tried to depose her. Since Raziya enjoyed popular support, they could not do anything in Delhi. But while she was on a punitive campaign against the rebel governor Altuniya in southern Punjab, the conspirators used that occasion to dethrone her.

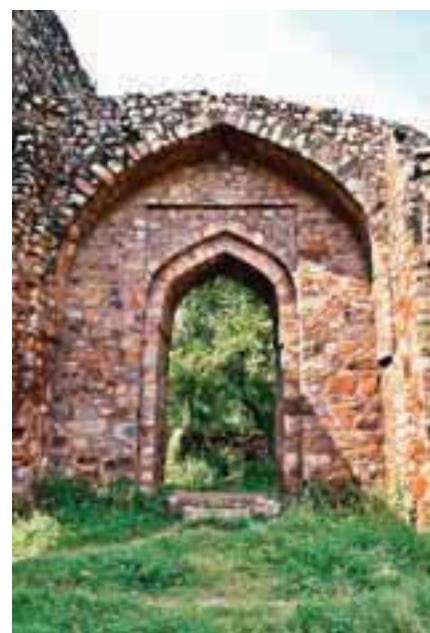
an end with the accession of Balban as the Sultan. Assertion of authority by Balban led to constant military campaigns against defiant governors and against their local allies. Barani mentions Balban's campaigns in the regions surrounding Delhi and in the *doab*. During these campaigns forests were cleared, new roads and forts constructed, the newly deforested lands given to freshly recruited Afghans and others as rent-free lands (*mafruzi*) and brought under cultivation. New forts were constructed to protect trade routes and village markets.

Balban and the Problem of Law and Order

When Balban took over the reins of power the law and order situation in the Ganga, Jamuna Doab regions had deteriorated badly. The Rajput zamindars had set up forts and defied the orders of the Sultan. Meos, a Muslim community from north-western region, living in the heavily forested region around Mewat were plundering the area with impunity. Balban took it as a challenge and personally undertook a campaign to destroy the Mewatis. Meos were pursued and slaughtered mercilessly. In the Doab region the Rajput strongholds were destroyed, jungles cleared. Colonies of Afghan soldiers were established throughout the region to safeguard the roads and deal with rebellions.

Punitive Expedition against Tughril Khan

Balban was ruthless in dealing with rebellions. He appointed one of his favourite slaves, Tughril Khan, as the Governor of Bengal. But Tughril Khan soon became rebellious. Amin Khan, the governor of Oudh, sent by Balban to suppress the rebellion meekly retreated. Enraged by this, Balban sent two more expeditions, which also suffered defeat. Humiliated by these successive reverses, Balban himself proceeded to Bengal. On hearing Balban's approach, Tughril Khan fled. Balban pursued him, first to Lakhnauti and then towards Tripura, where he was captured and beheaded. Bughra Khan, a son of Balban, was thereupon appointed the Governor of



Balban's Tomb

Bengal, who carved out an independent kingdom after the death of Balban. He did not claim the Delhi throne even in the midst of a leadership crisis and his son Kaiqubad's indulgence in debauchery.

Measures against Mongol Threats

Balban used the threat of Mongols as the context to militarise his regime. The frontier regions were strengthened with garrisoning of forts at Bhatinda, Sunam and Samana. At the same time, he took efforts to maintain a good relationship with Hulagu Khan, the Mongol Viceroy of Iran and a grandson of Chengiz Khan. Balban succeeded in obtaining from him the assurance that Mongols would not advance beyond Satluj. Halagu Khan reciprocated this gesture by sending a goodwill mission to Delhi in 1259. However, Muhammad Khan, the favourite son of Balban, who was given the charge of governor of Multan to protect the frontiers from Mongol aggression, was killed in an encounter. Saddened by this tragedy, Balban fell ill and died in 1286.

10.3 The Khaljis (1290-1320)

Jalal-ud-din Khalji (1290-1296)

As Balban's son Kaiqubad was found unfit to rule, his three-year-old son Kaymars was placed on the throne. As there was no unanimity on the choice of a regent and a council to administer the empire, the

contending nobles plotted against each other. Out of this chaos a new leader, Malik Jalal-ud-din Khalji, the commander of the army, emerged supreme. While he ruled the kingdom for some time in the name of Kaiqubad, he soon sent one of his officers to get Kaiqubad murdered and Jalal-ud-din formally ascended the throne. However, Jalal-ud-din faced opposition on the ground that he was an Afghan and not a Turk. But Khaljis were indeed Turks settled in Afghanistan before the establishment of Turkish rule and so they were Afghanized Turks. Jalal-ud-din won many battles and even in old age he marched out against the Mongol hordes and successfully halted their entry into India (1292).

Ala-ud-din, a nephew and son-in-law of Jalaluddin Khalji, who was appointed governor of Kara, invaded Malwa and this campaign yielded a huge booty. The success of this campaign stimulated his urge to embark on a campaign to raid Devagiri, the capital city of the Yadava kingdom in Deccan. On his return he arranged to get Jalaluddin Khalji murdered and captured the throne.

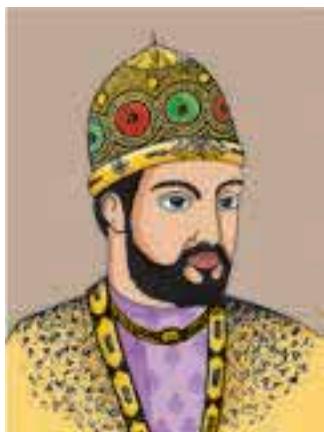
Ala-ud-din Khalji (1296–1316)

Ala-ud-din and Nobles

Ala-ud-din spent the first year of his rule in eliminating the enemies and strengthening his position in Delhi. Soon he turned his attention to establishing a firm hold over the nobles. He dismissed several of his top officers. He was particularly severe with the nobles

The term Mongol refers to all Mongolic-speaking nomadic tribes of Central Asia. In the twelfth century, they had established a very large kingdom, which included most of modern-day Russia, China, Korea, south-east Asia, Persia, India, the Middle East and Eastern Europe, under the leadership of Chengiz Khan. Their phenomenal success is attributed to their fast horses and brilliant cavalry tactics, their openness to new technologies, and Chengiz Khan's skill in manipulative politics.

who had shifted loyalty and opportunistically joined him against Jalal-ud-din.



Ala-ud-din Khalji (modern representation)

Mongol Threats

Mongol raids posed a serious challenge to Ala-ud-din. During the second year of his rule (1298), when Mongols stormed Delhi, the army sent by Ala-ud-din succeeded in driving them back. But when they returned the following year with more men, people of the suburbs of Delhi had to flee and take refuge in the city. Ala-ud-din had to meet the problem head-on. In the ensuing battle, Mongols were routed. Yet raids continued until 1305, when they ravaged the doab region. This time, after defeating them, the Sultan's army took a large number of Mongols as prisoners and slaughtered them mercilessly. But the Mongol menace continued. The last major Mongol incursion took place in 1307–08.



Attack of Mongols

Military Campaigns

The inability of the Sultanate to effectively harness the agrarian resources of its North Indian territories to sustain its political ambitions was evident in its relentless military campaigns in search of loot and plunder. Ala-ud-din's campaigns into Devagiri (1296, 1307, 1314), Gujarat (1299–1300), Ranthambhor (1301), Chittor (1303) and Malwa (1305) were meant to proclaim his political and military power as well as to collect loot from the defeated kingdoms. It was with the same plan that he unleashed his forces into the Deccan. The first target in the peninsula was Devagiri in the western Deccan. Ala-ud-din sent a large army commanded by Malik Kafur in 1307 to capture Devagiri fort. Following Devagiri, Prataparudradeva, the Kakatiya ruler of Warangal in the Telengana region, was defeated in 1309. In 1310 the Hoysala ruler Vira Ballala III surrendered all his treasures to the Delhi forces.

Malik Kafur then set out for the Tamil country. Though Kafur's progress was obstructed by heavy rains and floods, he continued his southward journey, plundering and ravaging the temple cities of Chidambaram and Srirangam as well as the Pandyan capital Madurai. Muslims in Tamil provinces fought on the side of the Pandyas against Malik Kafur. Malik Kafur advised them to desert so that he would not have any occasion to spill the blood of his fellow Muslims. Though there are exaggerated versions about the amount of booty he carried, there is no denying the fact that he returned to Delhi with an enormous booty in 1311. After Malik Kafur's invasion, the Pandya kingdom suffered an eclipse and a Muslim state subordinate to the Delhi Sultan came to be established in Madurai. In 1335 the Muslim Governor of Madurai Jalal-ud-din Asan Shah threw off his allegiance to Delhi kingdom and declared his independence.

The nobles belonging to aristocratic classes were bestowed with privileges and powers in the feudal era. They formed the bedrock of the king's authority, as they had to provide the king with armed forces in times of external threat or emergency. They occupied a position next only to the king in status and rank. Enjoying high social status and commanding vast resources they at times became strong enough to challenge the king.

In the Delhi Sultanate, nobles were drawn from different tribes and nationalities like the Turkish, Persian, Arabic, Egyptian and Indian Muslims. Iltutmish organized a Corps of Forty, all drawn from Turkish nobility and selected persons from this Forty for appointments in military and civil administration. The Corps of Forty became so powerful to the extent of disregarding the wishes of Iltutmish, and after his death, to place Rukn-ud-Din Firoz on the throne. Razziya sought to counter the influence of Turkish nobles and defend her interest by organizing a group of non-Turkish and Indian Muslim nobles under the leadership of Yakut, the Abyssinian slave. This was naturally resented by the Turkish nobles, who got both of them murdered. Thus in the absence of rule of primogeniture, the nobles sided with any claimants to the throne and either helped in the choice of the Sultan or contributed to the de-stabilization of the regime. The nobles were organized into several factions and were constantly engaged in conspiracies. Balban therefore abolished the Corps of Forty and thereby put an end to the domination of "Turkish nobles". Alauddin Khalji also took stern measures against the "Turkish nobles" by employing spies to report to him directly on their clandestine and perfidious activities.

Ala-ud-din's Internal Reforms

The vast annexation of territories was followed by extensive administrative reforms aimed at stabilising the government. Ala-ud-din's first measure was to deprive the nobles of the wealth they had accumulated. It had provided them the leisure and means to hatch conspiracies against the Sultan. Marriage alliances between families of noble men were permitted only with the consent of the Sultan. The Sultan ordered that villages held by proprietary right, as free gift, or

as a religious endowment be brought back under the royal authority and control. He curbed the powers of the traditional village officers by depriving them of their traditional privileges. Corrupt royal officials were dealt with sternly. The Sultan prohibited liquor and banned the use of intoxicating drugs. Gambling was forbidden and gamblers were driven out of the city. However, the widespread violations of prohibition rules eventually forced the Sultan to relax the restrictions.

Ala-ud-din collected land taxes directly from the cultivators. The village headman who traditionally enjoyed the right to collect them was now deprived of it. The tax pressure of Ala-ud-din was on the rich and not on the poor. Ala-ud-din set up the postal system to keep in touch with all parts of his sprawling empire.

Sultan's Market Reforms

Ala-ud-din was the first Sultan to pay his soldiers in cash rather than give them a share



Copper coin of Ala-ud-din Khalji

of booty. As the soldiers were paid less, the prices had to be monitored and controlled. Moreover, Ala-ud-din had to maintain a huge standing army. In order to restrict prices of essential commodities, Ala-ud-din set up an elaborate intelligence network to collect information on black-marketing and hoarding. The transactions in the bazaars, the buying and selling and the bargains made were all reported to the Sultan by his spies. Market superintendents, reporters and spies had to send daily reports on the prices of essential commodities. Violators of the price regulations were severely punished. If any deficiency in weight was found, an equal weight of flesh was cut from the seller's body and thrown down before his eyes!

Ala-ud-din's Successors

Ala-ud-din nominated his eldest son Khizr Khan, as his successor. However, Ala-ud-din's confidant at that time was Malik Kafur. So Malik Kafur himself assumed the authority of the government. But Kafur's rule lasted only thirty-five days as he was assassinated by hostile nobles. Thereafter there were a series of murders which culminated in Ghazi Malik, a veteran of several campaigns against the Mongols, ascending the throne of Delhi in 1320 as Ghiyas-ud-din Tughlaq. He murdered the incumbent Khalji ruler Khusrau and thereby prevented anyone from Khalji dynasty claiming the throne. Thus began the rule of the Tughlaq Dynasty, which lasted until 1414.



Ala-ud-din's Tomb

10.4 The Tughlaq Dynasty

Ghiyas-ud-din Tughlaq (1320–1324)

Ghiyas-ud-din Tughlaq followed a policy of reconciliation with the nobles. But in the fifth year of his reign (1325) Ghiyas-ud-din died. Three days later Jauna ascended the throne and took the title Muhammad bin Tughlaq.

Muhammad Bin Tughlaq (1324–1351)

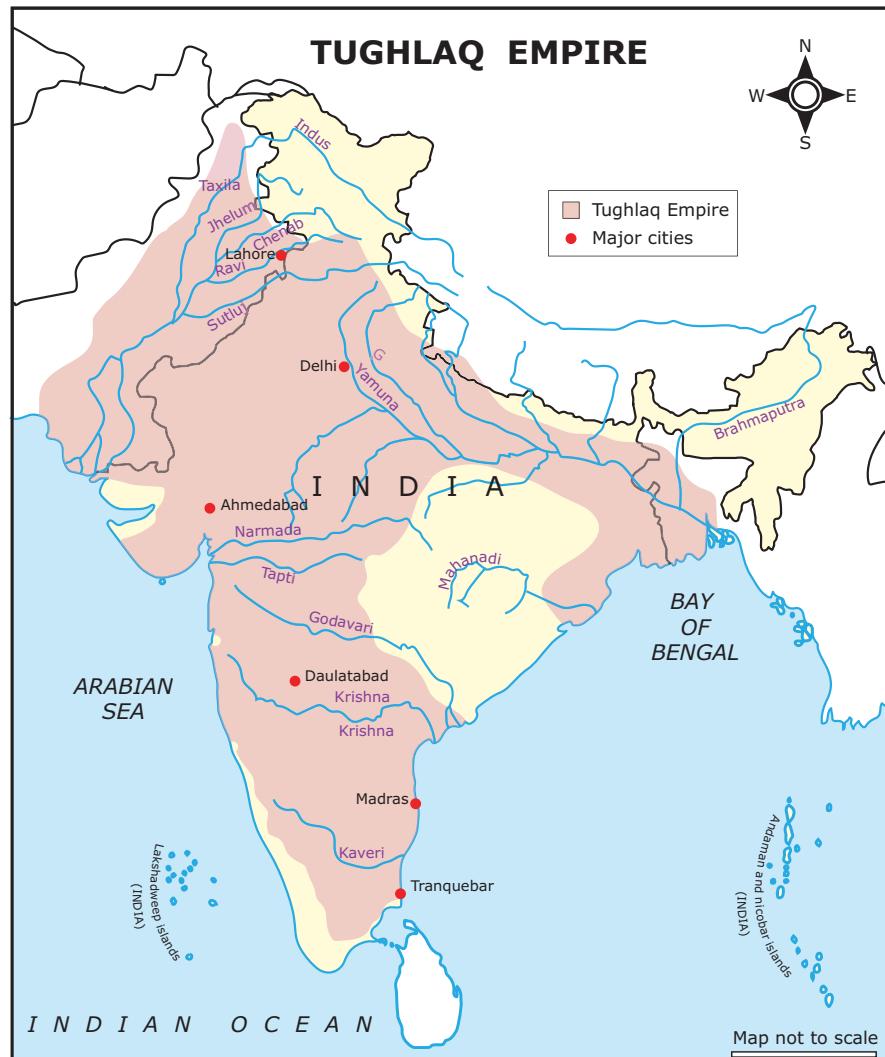
Muhammad Tughlaq was a learned, cultured and talented prince but gained a reputation of being merciless, cruel and unjust. Muhammad Tughlaq effectively repulsed the Mongol army that had marched up to Meerut near Delhi. Muhammad was an innovator. But he, unlike Ala-ud-din, lacked the will to execute his plans successfully.

Transfer of Capital

Muhammad Tughlaq's attempt to shift the capital from Delhi to Devagiri in Maharashtra, which he named Daulatabad, was a bold initiative. This was after his realization that it was difficult to rule south India from Delhi. Centrally located, Devagiri also had the advantage of possessing a strong fort atop a rocky hill. Counting on the military and political advantages, the Sultan ordered important officers and leading men including many Sufi saints to shift to Devagiri. However, the plan failed, and soon Muhammad realised that it was difficult to rule North India from Daulatabad. He again ordered transfer of capital back to Delhi.

Token Currency

The next important experiment of Muhammad was the introduction of token currency. This currency system had already been experimented in China and Iran. For India it was much ahead of its time, given



that it was a time when coins were based on silver content. When Muhammad issued bronze coins, fake coins were minted which could not be prevented by the government. The new coins were devalued to such an extent that the government had to withdraw the bronze coins and replace them with silver coins, which told heavily on the resources of the empire.



Tughlaq's Coins

Sultan's Other Innovative Measures

Equally innovative was Muhammad Tughlaq's scheme to expand cultivation. But

it also failed miserably. It coincided with a prolonged and severe famine in the Doab. The peasants who rebelled were harshly dealt with. The famine was linked to the oppressive and arbitrary collection of land revenue. The Sultan established a separate department (*Diwan-i-Amir Kohi*) to take care of agriculture. Loans were advanced to farmers for purchase of cattle, seeds and digging of wells but to no avail. Officers appointed to monitor the crops were not efficient; the nobility and important officials were of diverse background. Besides, the Sultan's temperament had also earned him a lot of enemies.

Ala-ud-din Khalji had not annexed distant territories knowing full well that they could not be effectively governed. He preferred to establish his suzerainty over them. But Muhammad annexed all

the lands he conquered. Therefore, at the end of his reign, while he faced a series of rebellions, his repressive measures further alienated his subjects. Distant regions like Bengal, Madurai, Warangal, Awadh, Gujarat and Sind hoisted the flags of rebellion and the Sultan spent his last days fighting rebels. While he was frantically engaged in pursuing a rebel leader in Gujarat, he fell ill, and died at the end of his 26th regnal year (1351).

Firuz Tughlaq (1351–1388)

Firuz's father, Rajab, was the younger brother of Ghiyas-ud-din Tughlaq. Both had come from Khurasan during the reign of Alauddin Khalji. Rajab who had married a Jat princess had died when Firuz was seven years old. When Ghiyas-ud-din ascended the throne, he gave Firuz command of a 12,000 strong cavalry force. Later Firuz was made in charge of one of the four divisions of the Sultanate. Muhammad bin Tughlaq died without naming his successor. The claim made by Muhammad's sister to his son was not supported by the nobles. His son, recommended by Muhammad's friend Khan-i Jahan, was a mere child. Under such circumstances, Firuz ascended the throne.

The vizier of Firuz Tughlaq, the famous Khan-i Jahan, was a Brahmin convert to Islam. Originally known as Kannu, he was captured during the Sultanate campaigns in Warangal (present-day Telangana).

Conciliatory Policy towards Nobles

Firuz Tughlaq followed a conciliatory policy towards the nobles and theologians. Firuz restored the property of the owners who had been deprived of it during the reign of Muhammad Tughlaq. He reintroduced the system of hereditary appointments to offices, a practice which was not favoured by Ala-ud-din Khalji. The Sultan increased

the salaries of government officials. While toning up the revenue administration, he reduced several taxes. He abolished many varieties of torture employed by his predecessor. Firuz had a genuine concern for the slaves and established a separate government department to attend to their welfare. The slave department took care of the wellbeing of 180,000 slaves. They were trained in handicrafts and employed in the royal workshops.



Firuz Tughlaq's Tomb

Firuz Policy of No Wars

Firuz waged no wars of annexation, though he was not averse to putting down rebellions challenging his authority. There were only two Mongol incursions during his times, and both of them were successfully repulsed. His Bengal campaign to put down a rebellion there, however, was an exception. His army slew thousands and his entry into Odisha on his way helped him extract the promise of tribute from the Raja. A major military campaign of his period was against Sind (1362). He succeeded in routing the enemies on the way. Yet his enemies and a famine that broke out during this period gave Sultan and his army a trying time. Firuz's army, however, managed to reach Sind. The ruler of Sind agreed to surrender and pay tribute to the Sultan.

Religious Policy

Firuz favoured orthodox Islam. He proclaimed his state to be an Islamic state largely to satisfy the theologians. Heretics

were persecuted, and practices considered un-Islamic were banned. He imposed jizya, a head tax on non-Muslims, which even the Brahmins were compelled to pay. Yet Firuz did not prohibit the building of new Hindu temples and shrines. His cultural interest led to translation of many Sanskrit works relating to religion, medicine and music. As an accomplished scholar himself, Firuz was a liberal patron of the learned including non-Islamic scholars. Fond of music, he is credited with establishing several educational institutions and a number of mosques, palaces and forts.

Jizya is a tax levied and collected per head by Islamic states on non-Muslim subjects living in their land. In India, Qutb-ud-din Aibak imposed jizya on non-Muslims for the first time. Jizya was abolished by the Mughal ruler Akbar in 16th century but was re-introduced by Aurangzeb in the 17th century.

Public Works

Firuz undertook many irrigation projects. A canal he dug from Sutlej river to Hansi and another canal in Jumna indicate his sound policy of public works development.

Firuz died in 1388, after making his son Fath Khan and grandson Ghiyas-ud-din as joint rulers of Delhi Sultanate.

The principle of heredity permitted for the nobles and applied to the army weakened the Delhi Sultanate. The nobility that had regained power got involved in political intrigues which undermined the stability of the Sultanate. Within six years of Firuz Tughlaq's death four rulers succeeded him.

Timur's Invasion

The last Tughlaq ruler was Nasir-ud-din Muhammad Shah (1394–1412), whose reign witnessed the invasion of Timur

from Central Asia. Turkish Timur, who could claim a blood relationship with the 12th century great Mongol Chengiz Khan, ransacked Delhi virtually without any opposition. On hearing the news of arrival of Timur, Sultan Nasir-ud-din fled Delhi. Timur also took Indian artisans such as masons, stone cutters, carpenters whom he engaged for raising buildings in his capital Samarkhand. Nasir-ud-din managed to rule up to 1412. Then the Sayyid and Lodi dynasties ruled the declining empire from Delhi till 1526.



Timur

10.5 Sayyid Dynasty (1414–1451)

Timur appointed Khizr Khan as his deputy to oversee Timurid interests in the Punjab marches. Khizr Khan (1414–21) went on to seize Delhi and establish the Sayyid dynasty (1414–51). The Sayyid dynasty established by Khizr Khan had four sultans ruling up to 1451. The early Sayyid Sultans ruled paying tribute to Timur's son. Their rule is marked for the composing of *Tarikh-i-Mubarak Shahi* by Yahiya bin Ahmad Sirhindi. By the end of their rule the empire was largely confined to the city of Delhi.

DO YOU KNOW? In the entire history of the Delhi Sultanate there was only one Sultan who voluntarily abdicated his throne and moved to a small town away from Delhi, where he lived for three full decades in contentment and peace. He was Alam Shah of the Sayyid dynasty. – Abraham Eraly, *The Age of Wrath*.

10.6 Lodi Dynasty (1451–1526)

The Lodi Dynasty was established by Bahlol Lodi (1451–1489) whose reign witnessed the conquest of Sharqi Kingdom (Bengal). It was his son Sikander Lodi (1489–1517) who shifted the capital from Delhi to Agra in 1504. The last Lodi ruler Ibrahim Lodi was defeated by Babur in the First Battle of Panipat, which resulted in the establishment of Mughal Dynasty.



Ibrahim Lodi (modern representation)

10.7 Administration of the Sultanate

State and Society

The Sultanate was formally considered to be an Islamic State. Most of the Sultans preferred to call themselves the lieutenant of the Caliph. In reality, however, the Sultans were the supreme political heads. As military head, they wielded the authority of commander-in-chief of the armed forces. As judicial head they were the highest court of appeal. Balban claimed that he ruled as the representative of god on earth. Ala-ud-din Khalji claimed absolute power saying he did not care for theological prescriptions, but did what was essential for the good of the state and the benefit of the people.

The Delhi Sultanate deserves to be considered an all-India empire. Virtually all of India, except Kashmir and Kerala at

the far ends of the subcontinent, and a few small tracts in between them had come under the direct rule of Delhi towards the close of Muhammad bin Tughlaq's rule. There were no well-defined and accepted rules of royal succession and therefore contested succession became the norm during the Sultanate. The Sultans required the holders of *iqta's* (called *muqtis* or *walis*) to maintain troops for royal service out of the taxes collected by them. Certain areas were retained by the Sultans under their direct control (*khalisa*). It was out of the revenue collected from such areas that they paid the officers and soldiers of the sultan's own troops (*hashm-i qalb*).

The territorial expansion was matched by an expansion of fiscal resources. The tax rent (set at half the value of the produce) was rigorously sought to be imposed over a very large area. The fiscal claims of hereditary intermediaries (now called *chaudhuris*) and the village headmen (*khots*) were drastically curtailed. The continuous pressure for larger tax-realization provoked a severe agrarian uprising, notably in the Doab near Delhi (1332–34). These and an ensuing famine persuaded Muhammad Tughlaq to resort to a scheme of agricultural development, in the Delhi area and the Doab, based on the supply of credit to the peasants.

Military campaigns, the dishoarding of wealth, the clearing of forests, the vitality of inter-regional trade – all of these developments encouraged a great movement of people, created a vast network of intellectuals and the religious-minded. These factors also made social hierarchies and settlements in the Sultanate garrison towns and their strongholds far more complex. Through the fourteenth century the Sultanate sought to control its increasingly diverse population through its provincial governors, *muqti*, but considerable local initiative and resources available to these personnel, and their propensity to ally with local political groups meant that they

could often only be controlled fitfully and for a short period, even by autocratic, aggressive monarchs like Muhammad Tughlaq.

The Turko-Afghan political conquests were followed by large-scale Muslim social migrations from Central Asia. India was seen as a land of opportunity. The society in all stages was based on privileges with the higher classes enjoying a better socio-economic life with little regard of one's religion. The Sultans and the nobles were the most important privileged class who enjoyed a lifestyle of high standard in comparison to their contemporary rulers all over the world. The nobility was initially composed of the Turks. Afghans, Iranians and Indian Muslims were excluded from the nobility for a very long time.

The personal status of an individual in Islam depended solely on one's abilities and achievements, not on one's birth. So, once converted to Islam, everyone was treated as equal to everyone in the society.

Unlike Hindus who worshiped different deities, these migrants followed monotheism. They also adhered to one basic set of beliefs and practices. Though a monotheistic trend in Hinduism had long existed, as, for example in the Bhagavad Gita, as noted by Al-Beruni, its proximity to Islam did help to move monotheism from periphery to the centre. In the thirteenth

century, the Virashaiva or Lingayat sect of Karnataka founded by Basava believed in one God (Parashiva). Caste distinctions were denied, women given a better status, and Brahmins could no longer monopolise priesthood.

A parallel, but less significant, movement in Tamil Nadu was in the compositions of the Siddhars, who sang in Tamil of one God, and criticised caste, Brahmins and the doctrine of transmigration of souls. Two little known figures who played a part in transmitting the southern Bhakti and monotheism to Northern India were Namdev of Maharashtra, a rigorous monotheist who opposed image worship and caste distinctions and Ramanand, a follower of Ramanuja.



Al-Beruni

Economy

The establishment of the Delhi Sultanate was, however, accompanied by some important economic changes. One such change was the payment of land tax to the level of rent in cash. Because of this, food-grains and other rural products were drawn to the towns, thereby leading to a new phase of urban growth. In the

An important aspect of Islam in India was its early acceptance of a long-term coexistence with Hinduism, despite all the violence that occurred in military campaigns, conquests and depredations. The conqueror Mu'izzuddin of Ghur had, on some of his gold coins, stamped the image of the goddess Lakshmi. Muhammad Tughlaq in 1325 issued a farman enjoining that protection be extended by all officers to Jain priests; he himself played holi and consortied with yogis.

The historian Barani noted with some bitterness how 'the kings of Islam' showed respect to 'Hindus, Mongols, Polytheists and infidels', by making them sit on masnad (cushions) and by honouring them in other ways, and how the Hindus upon paying taxes (jizya-o-kharaj) were allowed to have their temples and celebrations, employ Muslim servants, and flaunt their titles(rai, rana, thakur, sah, mahta, pandit, etc), right in the capital seats of Muslim rulers.

fourteenth century, Delhi and Daulatabad (Devagiri) emerged as great cities of the world. There were other large towns such as Multan, Kara, Awadh, Gaur, Cambay (Khambayat) and Gulbarga.

The Delhi Sultans began their gold and silver mintage alongside copper from early in the thirteenth century and that indicated brisk commerce. Despite the Mongol conquests of the western borderlands, in Irfan Habib's view, India's external trade, both overland and oceanic, grew considerably during this period.

Trade and Urbanization

The establishment of the Delhi Sultanate revived internal trade, stimulated by the insatiable demand for luxury goods by the sultans and nobles. Gold coins, rarely issued in India after the collapse of the Gupta Empire, began to appear once again, indicating the revival of Indian economy. However, there is no evidence of the existence of trade guilds, which had played a crucial role in the economy in the classical age. The Sultanate was driven by an urban economy encompassing many important towns and cities. Delhi, Lahore, Multan, Kara, Lakhnauti, Anhilwara, Cambay and Daulatabad were the important cities that thrived on the mercantile activities of Jain Marwaris, Hindu Multanis and Muslim Bohras, Khurasanis, Afghans and Iranians. The import-export trade flourished well both through overland and overseas. While the Gujaratis and Tamils dominated the sea trade, the Hindu Multanis and Muslim Khurasanis, Afghans and Iranians dominated the overland trade with Central Asia.

Industrial Expertise

Paper-making technology evolved by the Chinese and learnt by the Arabs was introduced in India during the rule of the Delhi Sultans. The spinning wheel invented

by the Chinese came to India through Iran in the fourteenth century and enabled the spinner to increase her output some six-fold and enlarged yarn production greatly. The subsequent introduction of treadles in the loom similarly helped speed-up weaving. Sericulture was established in Bengal by the fifteenth century. Building activity attained a new scale by the large use of brick and mortar, and by the adoption of the vaulting techniques.

Education

Certain traditions of education were now implanted from the Islamic World. At the base was the *maktab*, where a schoolmaster taught children to read and write. At a higher level, important texts in various subjects were read by individual pupils with particular scholars who gave instruction (*dars*) in them. A more institutionalised form of higher education, the *madrasa*, became widely established in Central Asia and Iran in the eleventh century, and from there it spread to other Islamic countries. Usually the *madrasa* had a building, where instruction was given by individual teachers. Often there was a provision of some cells for resident students, a library and a mosque. Firoz Tugluq built a large *madrasa* at Delhi whose splendid building still stands. From Barani's description it would seem that teaching here was mainly confined to "Quran-commentary, the Prophet's sayings and the Muslim Law (*fiqh*)."
It is said that Sikander Lodi(1489–1517) appointed teachers in *maktabs* and *madrasas* in various cities throughout his dominions, presumably making provision for them through land or cash grants.

Historiography

In addition to secular sciences that came with Arabic and Persian learning to India, one more notable addition was

systematic historiography. The collection of witnesses' narratives and documents that the *Chachnama* (thirteenth-century Persian translation of a ninth-century Arabic original), in its account of the Arab conquest of Sind, represents advancement in historical research, notwithstanding the absence of coherence and logical order of latter-day historiography like Minhaj Siraj's *Tabaqat-i Nasiri*, written at Delhi c. 1260.

Sufism

In the thirteenth and fourteenth centuries, two most influential orders emerged among the *sufis*: the Suhrawardi, centred at Multan, and the Chisti at Delhi and other places. The most famous Chishti Saint, Shaik Nizamuddin offered a classical exposition of Sufism of pre-pantheistic phase in the conversations (1307–1322). Sufism began to turn pantheistic only when the ideas of Ibn al-Arabi (died 1240) began to gain influence, first through the Persian poetry of Jalal-ud-din Rumi (1207–1273) and Abdur Rahman Jami (1414–1492), and, then, through the endeavours within India of Ashraf Jahangir Simnani (early fifteenth century). Significantly this wave of qualified pantheism began to dominate Indian Islamic thought about the same time that the pantheism of Sankaracharya's school

Caliph/Caliphate

Considered to be the successor of Prophet Muhammad, the Caliph wielded authority over civil and religious affairs of the entire Islamic world. The Caliph ruled Baghdad until it fell before Mongols in 1258. The Caliphs then ruled in Egypt until the conquest of Ottomans in 1516–17. Thereupon the title was held by Ottoman Sultans. The office of Caliph (Caliphate) ended when Ottoman Empire was abolished and Turkish Republic established by Mustafa Kemal Attaturk in the 1920s.

of thought was attaining increasing influence within Vedic thought.

Caste and Women

The Sultans did not alter many of the social institutions inherited from 'Indian Feudalism'.

Slavery, though it had already existed in India, grew substantially in the thirteenth and fourteenth centuries. Both in war and in the event of default in payment of taxes, people could be enslaved. They were put to work as domestic servants as well as in crafts. The village community and the caste system remained largely unaltered. Gender inequalities remained practically untouched. In upper class Muslim society, women had to observe *purdah* and were secluded in the *zenana* (the female quarters) without any contact with any men other than their immediate family. Affluent women travelled in closed litters.

However, Muslim women, despite *purdah*, enjoyed, in certain respects, higher status and greater freedom in society than most Hindu women. They could inherit property from their parents and obtain divorce, privileges that Hindu women did not have. In several Hindu communities, such as among the Rajputs, the birth of a girl child was considered a misfortune. Islam was not against women being taught to read and write. But it tolerated polygamy.

Evolution of Syncretic Culture

The interaction of the Turks with the Indians had its influence in architecture, fine arts and literature.

Sultan Firoz Tughlaq was reputed to possess 180,000 slaves, of which 12,000 worked as artisans. His principal minister, Khan Jahan Maqbul possessed over 2000 women slaves.

Architecture

Arch, dome, vaults and use of lime cement, the striking Saracenic features, were introduced in India. The use of marble, red, grey and yellow sandstones added grandeur to the buildings. In the beginning the Sultans converted the existing buildings to suit their needs. Qutb-ud-din Aibak's Quwwat-ul-Islam mosque situated adjacent to Qutb Minar in Delhi and the Adhai din ka Jhopra in Ajmer illustrate these examples. A Hindu temple built over a Jain temple was modified into Quwwat-ul-Islam mosque. Adhai din ka Jhopra was earlier a Jain monastery before being converted as a mosque.

With the arrival of artisans from West Asia the arch and dome began to show up with precision and perfection. Gradually local artisans also acquired the skill. The tomb of Balban was adorned with the first true arch and the Alai Darwaza built by Alauddin Khalji as a gateway to the Quwwatul-Islam Mosque is adorned with the first true dome. The palace fortress built by Ghiyasuddin Tughlaq and Muhammad bin Tughlaq in Tughlaqabad, their capital city in Delhi, is remarkable for creating an artificial lake around the fortress by blocking the river Yamuna. The tomb of Ghiyasuddin Tughlaq introduced the system of sloping walls bearing the dome on a raised platform. The buildings of Firuz Tughlaq, especially his pleasure resort, Hauz Khas, combined Indian and Saracenic features in alternate storeys, displaying a sense of integration.

Sculpture and Painting

Orthodox Islamic theology considered decorating the buildings with animal and human figures as un-Islamic. Hence the plastic exuberance of well-carved images found in the pre-Islamic buildings was replaced by floral and geometrical designs. Arabesque, the art of decorating the building with Quranic verses inscribed with calligraphy, emerged to provide splendour to the building.

Music and Dance

Music was an area where the syncretic tendencies were clearly visible. Muslims brought their musical instruments like Rabab and Sarangi. Amir Khusrau proclaimed that Indian music had a pre-eminence over all the other music of the world. The Sufi practice of Sama, recitation of love poetry to the accompaniment of music, was instrumental in promotion of music. Pir Bhodan, a Sufi saint, was considered a great musician of the age. Royal patronage for the growth of music was also forthcoming. Firuz Tughlaq evinced interest in music leading to synchronisation by translating an Indian Sanskrit musical work *Rag Darpan* into Persian. Dancing also received an impetus in the official court. Zia-ud-din Barani lists the names of Nusrat Khatun and Mihr Afroz as musician and dancer respectively in the court of Jalaluddin Khalji.

Qutb Minar, originally a 72.5 metre tower when completed by Iltutmish, was increased to 74 metres by the repairs carried out by Firuz Shah Tughlaq. The Minar is facilitated by 379 steps and it is magnificent for the height, balconies projecting out marking the storeys, the gradual sloping of the tower and the angular flutings creating a ribbed effect around the tower.





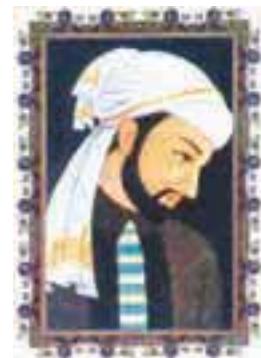
Alai Darwaza

Literature

Amir Khusrau emerged as a major figure of Persian prose and poetry. Amir Khusrau felt elated to call himself an Indian in his *Nu Siphr* ('Nine Skies'). In this work, he praises India's climate, its languages – notably Sanskrit – its arts, its music, its people, even its animals. The Islamic Sufi saints made a deep literary impact. The *Fawai'd-ul-Fawad*, a work containing the conversations of Sufi Saint Nizam-ud-din Auliya was compiled by Amir Hassan. A strong school of historical writing emerged with the writings of Zia-ud-din Barani, Shams-ud-din Siraj Afif and Abdul Malik Isami. Zia-ud-din Barani, emerged as a master of Persian prose. Abdul Malik Isami, in his poetic composition of *Futuh-us-Salatin*, records the history of Muslim rule from Ghaznavid period to Muhammad bin Tughlaq's reign.

Persian literature was enriched by the translation of Sanskrit works. Persian dictionaries with appropriate Hindawi words for Persian words were composed, the most important being *Farhang-i-Qawas* by Fakhr-ud-din Qawwas and *Miftah-ul-Fuazala* by Muhammad Shadiabadi. *Tuti Namah*, the Book of Parrots, is a collection of Sanskrit stories translated into Persian by Zia Nakshabi. *Mahabharata* and *Rajatarangini* were also translated into Persian.

Delhi Sultanate did not hamper the progress of Sanskrit Literature. Sanskrit continued to be the language of high intellectual thought. The Sanskrit schools and academies established in different parts of the empire continued to flourish. The classical Sanskrit inscription (Pala Baoli) of 1276 in Delhi claims that due to the benign rule of Sultan Balban god Vishnu sleeps in peace in the ocean of milk without any worries. The influence of Arabic and Persian on Sanskrit literature was felt in the form of translations. Shrivara in his Sanskrit work *Kathakautuka* included the story of Yusuf and Zulaika as a Sanskrit love lyric. Bhattacharya took Firdausi's *Shah Namah* as a model for composing *Zainavilas*, a history of the rulers of Kashmir.

Amir Khusrau
(modern representation)

SUMMARY

- Muhammad Bin Qasim's expedition against Sind in 712.
- The first three decades of the 11th century witnessed the military raids of Mahmud of Ghazni whose intention was to loot and plunder.
- Muhammad Ghori's invasion by the end of 12th century led to the establishment of Delhi Sultanate in 1206 under Qutb-ud-din Aibak.
- Rajput rulers lost their supremacy in the beginning of 13th century in the face of superior military tactics.

- The contributions of five dynasties that constituted the Delhi Sultanate focusing on important rulers of Slave, Khalji and Tughlaq dynasties.
- Ala-ud-din Khalji's several radical military and market reforms
- Muhammad bin Tughlaq's innovative measures that were far ahead of his time and their fallout.
- Firuz Tughlaq's reforms and measures which earned him the goodwill of the people.
- An elaborate administrative structure evolved during the Sultanate.
- A cultural syncretism and reciprocal influence in the fields of literature, art, music and architecture.

Delhi Sultanate Regimes 1206-1526

Mamluk Regime 1210-1290	Khalaji Regime 1290-1320	Tughlaq Regime 1320-1414	Sayyid Dynasty 1414-51	Lodi Dynasty 1451-1526
Shams-ud-din Iltutmish 1210-36	Jalal-ud-din Khalji 1290-96	Ghiyas-ud-din Tughlaq 1320-24	Khizr Khan 1414-21	Bahlul Lodi 1451-1489
Nasir-ud-din Mahmud II 1246-66	Ala-ud-din Khalji 1296-1316	Muhammad Tughluq 1324-51	-	Sikandar Lodi 1489-1517
Ghiyas-ud-din Balban 1266-87	Mubarak Shah Khalji 1316-20	Firuz Tughlaq 1351-88	-	Ibrahim Lodi 1517-26

EXERCISE

I. Choose the Correct Answer



1. _____ was the ruler of Sind when the Arabs invaded it in the 8th century.
 - (a) Hajjaj
 - (b) Muhammad-Bin-Qasim
 - (c) Jaya Simha
 - (d) Dahar
2. Mahmud of Ghazni conducted as many as _____ military campaigns into India.
 - (a) 15
 - (b) 17
 - (c) 18
 - (d) 19
3. The Palam Baoli inscription is in _____ language
 - (a) Sanskrit
 - (b) Persian
 - (c) Arabic
 - (d) Urdu
4. The world famous Khajuraho temple was built by _____.
 - (a) Rashtrakutas
 - (b) Tomaras
 - (c) Chandelas
 - (d) Paramaras
5. Mamluk is the term for the Arabic designation of a _____.
 - (a) Slave
 - (b) King
 - (c) Queen
 - (d) Soldier

II. Write Short Notes

1. Mahmud becoming the ruler of Ghazni.
 2. Scholars patronized by Mahmud of Ghazni.
 3. Important ruling Rajput dynasties of Northern India during the Turkish invasion.
 4. Forty System.
 5. Musical instruments brought by Muslim musicians.

III. Answer briefly

1. Describe the immediate cause for the military expeditions of Muhammad-bin-Qasim?
 2. What were the reasons for the military raids of Mahmud of Ghazni in India?
 3. Why was Razia Sultana thrown out of power?
 4. Write briefly about the south Indian campaigns of Malik Kafur.
 5. What were the causes for the failure of the experiments of Muhammad Tughlaq?

IV. Answer in Detail

1. Mahmud Ghazni's plundering raids were more of political and economic character than of religious chauvinism. Elaborate
 2. How did the Second Battle of Tarain prove to be a turning point in Indian History?
 3. Compare and contrast Mahmud Ghazni and Muhammad of Ghor.
 4. Discuss the economic reforms of Ala-ud-din Khalji.
 5. Estimate the rule of Firuz Tughlaq.
 6. Give an account of the administrative system of the Delhi Sultanate.

Activity

1. Preparing an album with pictures and images of Sultans and the monuments they left behind.
 2. Enact a drama on Pirithiviraj, Samyukta episode.

GLOSSARY

chauvinism	- aggressive support to one's own group or creed	- குறுகியநோக்குடைய தேசியவாதம்
investiture	- ceremony to install someone in authority or office	- சடங்குகள் செய்து பதவியில் அமர்த்துதல்
magnum opus	- a great work of literature, history or art	- தலைசிறந்த கலைப் படைப்பு
treacherous	- unreliable, betraying	- துரோக
intrigue	- plotting to do something illegal or harmful	- சதி
conciliatory	- willing to accept mediation in a dispute	- இணக்கத்தை ஏற்கும்
exuberance	- liveliness	- உயிர்ப்பு மிக்க
punitive	- punishing	- தண்டிக்கிற
garrison	- troops stationed in a fortress	- கோட்டைக்காவற்படை
collision	- clash or conflict	- மோதல்
incursion	- invasion	- திமர் படையெடுப்பு



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Lesson 11

Later Cholas and Pandyas

Learning Objectives



The objectives of the lesson are to enable students to acquire knowledge of

I Cholas

- The achievements of Chola rulers
- Cultural developments in the Chola region
- Emergence of well-developed agrarian structure and irrigation system
- Role of temples in medieval Tamil society
- Maritime trade during Chola rule

II Pandyas

- Rise of Pandyas with Madurai as their capital
- Malik Kafur's invasion and its fallout
- Succession dispute inviting the attention of Sultan Alauddin Khalji
- Agriculture, irrigation and trade during the Pandya rule
- Religion and culture in southern Tamil Nadu

Introduction

The Cholas belonged to one of the three mighty dynasties that ruled the Tamizh country in the early historical period. Described as the Muvendhar in the Sangam literature, they were known for the valour and for their patronage of the Tamil language. Many songs were composed in high praise of their glories. However, after the Sangam period until about the ninth century CE, there are no records about them. Changes that overtook Tamizhagam in the intervening period brought about a major transformation of the region and enabled the emergence of big, long-lasting

monarchical states. The Cholas were one among them.

The river valleys facilitated the expansion of agriculture leading to the emergence of powerful kingdoms. The agricultural boom resulted in the production of considerable surplus of predominantly food grains. But this surplus in production resulted in unequal distribution of wealth. Society gradually became highly differentiated unlike in the earlier period. Institutions and ideas from the north of India, such as the temple and the religion it represented, emerged as a new force. The Bhakti movement

led by the Nayanmars and Azhwars popularised the ideology and the faith they represented. Similarly, political ideas and institutions that originated in northern India soon found their way to the south as well. The cumulative result of all the new developments was the formation of a state, which in this case was a monarchy presided over by the descendants of the old Chola lineage.

After the eclipse of the Chola kingdom, Pandyas, who began their rule in the Vaigai river basin at Madurai, wielded tremendous power during the 14th century. Like the Cholas, the Pandyas also realised substantial revenue from agriculture as well as from trade. Trade expansion overseas continued in the Pandya rule. Tirunelveli region, which was part of the Pandyan kingdom, exported grain, cotton, cotton cloth and bullocks to the Malabar coast and had trade contacts with West and Southeast Asia. Pandya kings produced a cultural heritage by synthesising the religious, cultural and political elements, and it differed totally with the assumed homogeneity of classical age of Guptas.

I CHOLAS

Origin of the Dynasty

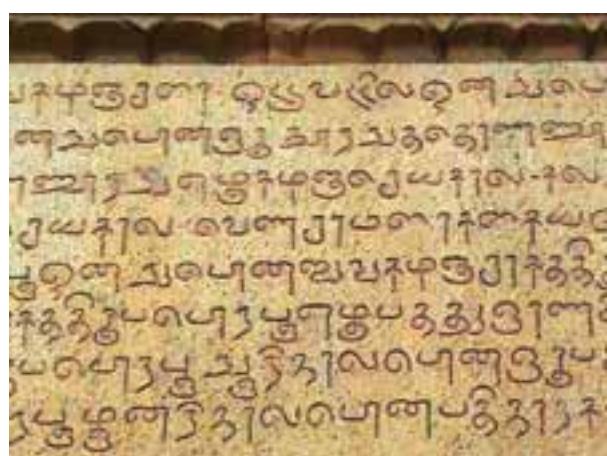
Records available to us after the Sangam Age show that the Cholas remained as subordinates to the Pallavas in the Kaveri region. The re-emergence of Cholas began with Vijayalaya (850–871 CE) conquering the Kaveri delta from Muttaraiyar. He built the city of Thanjavur and established the Chola kingdom in 850. Historians, therefore, refer to them as the Later Cholas or Imperial Cholas. In the copper plate documents of his successors that are available, the Cholas trace their ancestry to the Karikala, the most well-known of the Cholas of the Sangam age. In their genealogy an eponymous king ‘Chola’ is

mentioned as the progenitor. The names of Killi, Koc-cengannan and Karikalan are mentioned as members of the line in these copper plates.

Vijayalaya’s illustrious successors starting from Parantaka I (907–955) to Kulothunga III (1163–1216) brought glory and fame to the Cholas. Parantaka Chola set the tone for expansion of the territory and broadened the base of its governance, and Rajaraja I (985–1014), the builder of the most beautiful Brihadishvarar temple at Thanjavur, and his son Rajendra I (1012–1044), whose naval operation extended as far as Sri Vijaya, consolidated the advances made by their predecessors and went on to establish Chola hegemony in peninsular India.

Sources

More than 10,000 inscriptions engraved on copper and stone form the primary sources for the study of Chola history. The inscriptions mainly record the endowments and donations to temples made by rulers and other individuals. Land transactions and taxes (both collections and exemptions) form an important part of their content. Later-day inscriptions make a mention of the differentiation in society, giving an account of the castes and sub-castes and thus providing us information



Big temple inscriptions

on the social structure. Besides stone inscriptions, copper plates contain the royal orders. They also contain details of genealogy, wars, conquests, administrative divisions, local governance, land rights and various taxes levied. Literature also flourished under the Cholas. The important religious works in Tamil include codification of the Saivite and Vaishnavite canons. The quasi-historical literary works Kalingattupparani and Kulotungancholan Pillai Tamizh were composed during their reign. Muvarula, and Kamba Ramayanam, the great epic, belong to this period. Neminatam, Viracholiyam and Nannul are noted grammatical works. Pandikkovai and Takkayagapparani are other important literary works composed during this period.

Territory

Traditionally, the area under the Chola dynasty in the Tamizh country is known as Chonadu or Cholanadu. Their core kingdom was concentrated in the Kaveri-fed delta called Cholamandalam. This term came to be corrupted as “Coromandel” in the European languages, which often referred to the entire eastern coast of South India. The Chola kingdom expanded through military conquests to include present-day Pudukkottai–Ramanathapuram districts and the Kongu country of the present-day western Tamil Nadu. By the 11th century, through invasions, Cholas extended their territory to Tondainadu or the northern portion



Karantai Copper plate inscriptions
of Rajendra Chola I

of the Tamizh country, Pandinadu or the southern portions of the Tamizh country, Gangaivadi or portions of southern Karnataka and Malaimandalam, the Kerala territory. The Cholas ventured overseas conquering the north-eastern parts of Sri Lanka, bringing it under their control and they called it Mummudi-Cholamandalam.

11.1.1 Empire Building

Rajaraja I is the most celebrated of the Chola kings. He engaged in naval expeditions and emerged victorious in the West Coast, Sri Lanka and conquered the Maldives in the Indian Ocean. The military victory of Raja Raja I over Sri Lanka led to its northern and eastern portions coming under the direct control of the Chola authority. Rajaraja I appointed a Tamil chief to govern the annexed regions and ordered a temple to be built. It is locally called Siva Devale (shrine of Siva). The Chola official appointed in



Rajaraja I with his mentor
Karuvur Devar

Sri Lanka built a temple in a place called Mahatitta. The temple is called Rajarajesvara.

Even as he was alive, Rajaraja I appointed his son, Rajendra I, as his heir apparent. For two years, they jointly ruled the Chola kingdom. Rajendra I took part in the military campaigns of his father, attacking the Western Chalukyas. Consequently, the boundary of the Chola Empire extended up to Tungabhadra river. When Rajaraja I attacked Madurai, the Pandyas escaped with their crown and royal jewels and took shelter in Sri Lanka. Thereupon, Rajendra I conquered Sri Lanka and confiscated the Pandya crown and other royal belongings.

Rajendra I conducted the most striking military exploit after his accession in 1023 by his expedition to northern India. He led the expedition up to the Godavari river and asked his general to continue beyond that place. The Gangaikonda Chozhapuram temple was built to commemorate his victories in North India.

During the Chola reign, the naval achievements of the Tamils reached its peak. The Cholas controlled both the Coromandel and Malabar coasts. The Chola navy often ventured into Bay of Bengal for some decades. Rajendra's naval operation was directed against Sri Vijaya. Sri Vijaya kingdom (southern Sumatra) was one of the prominent maritime and commercial states that flourished from c. 700 to c. 1300 in South-east Asia. Similarly, Kheda (Kadaram), feudatory kingdom under Sri Vijaya, was also conquered by Rajendra.

The Chola invasions of Western Chalukya Empire, undertaken in 1003 by Rajaraja I and 1009 by Rajendra I, were also successful. Rajendra sent his son to ransack and ravage its capital Kalayani. The dwarapala (door keeper) image he brought from Kalayani was installed at the Darasuram temple near Kumbhakonam, which can be seen even today. Rajendra I

assumed the titles such as Mudikonda Cholan (the crowned Chola), Gangaikondan (conqueror of the Ganges), Kadaramkondan (conqueror of Kadaram) and Pandita Cholan (scholarly Cholan).

11.1.2 Chola Administration

King

Historians have debated the nature of the Chola state. Clearly, it was presided over by a hereditary monarchy. The king is presented in glowing terms in the literature and inscriptions of the period. Venerated on par with god. The kings were invariably addressed as peruman or perumagan (big man), ulagudaiyaperumal (the lord of the world) and ulagudaiyanayanar (the lord of the world). Later, they adopted the titles such as Chakkaravarti (emperor) and Tiribhuvana Chakkaravarti (emperor of three worlds). At the time of coronation, it was a practice to add the suffix deva to the name of the crowned kings. The kings drew legitimacy by claiming that they were a comrade of god (thambiran thozhar).

Chola rulers appointed Brahmins as spiritual preceptors or rajagurus (the kingdom's guide). Rajaraja I and Rajendra I mention the names of rajagurus and Sarva-sivas in their inscriptions. Patronising Brahmins was seen to enhance their prestige and legitimacy. Chola kings therefore granted huge estates of land to Brahmins as brahmadeyams and caturvedimangalams (pronounced chatur-vedi-mangalam).

Provinces

As mentioned earlier, the territories of the Chola state had been expanding steadily even from the time of Vijayalaya. At the time of conquest, these areas were under the control of minor chiefs described by historians as "feudatories". Rajaraja I integrated these territories and appointed "viceroy" in these regions: Chola-Pandya

in Pandinadu, Chola-Lankeswara in Sri Lanka, which was renamed as Mummudi-cholamandalam, and Chola-Ganga in the Gangavadi region of southern Karnataka. In other less prominent regions, the territories of chiefs such as the Irukkuvels, Ilangovels or Mazhavas or Banas were made part of the Chola state and their chiefs were inducted into the state system as its functionaries.

Army

Cholas maintained a well-organised army. The army consisted of three conventional divisions: infantry, cavalry (kudirai sevagar) and the elephant corps (anaiyatkal). There were also bowmen (villaligal), sword-bearers (valilar) and spearmen (konduvar). Two type of ranks in the army are also mentioned: the upper and the lower (perundanam and cirudanam). According to a Chinese geographer of the 13th century, the Chola army owned “sixty thousand war elephants that, when fighting, carried on their backs houses, and these houses are full of soldiers who shoot arrows at long range, and fight with spears at close quarters”. The overseas exploits of the Cholas are well known and it led historians to refer to their navy “with numberless ships”. Generally, soldiers enjoyed padaipparru (military holding) rights. Cantonments, which were established in the capital city, were known as padaividu. Military outposts in the conquered territory were called nilaipadai. The captain of a regiment was known as nayagam and later he assumed the title of padaimudali. The commander-in-chief was senapati and dandanayagam.

Local Organisation

Various locality groups functioned actively in the Chola period. These were bodies such as Urar, Sabhaiyar, Nagarattar and Nattar. They

were relatively autonomous organisations of the respective groups. They are considered the building blocks using which the edifice of the Chola state was built.

Urar

With the expansion of agriculture, numerous peasant settlements came up in the countryside. They were known as ur. The urar, who were landholders in the village, acted as spokesmen in the ur. The urar were entrusted with the upkeep of temples, maintenance of the tanks and managing the water stored in them. They also discharged administrative functions of the state such as collection of revenue, maintenance of law and order, and obeying the king's orders.

Sabhaiyaar

If the ur was a settlement of land holders, largely consisting of peasants of vellanvagai, the brahmadeya was a Brahmin settlement. The Sabha looked after the affairs of the settlement, including those of the temples at the core of brahmadeya and its assets. It was also responsible for maintaining irrigation tanks attached to the temple lands. Like the ur, the Sabha also functioned as the agents of the state in carrying out administrative, fiscal and judicial functions.

Nagarattaar

Nagaram was a settlement of traders. However, skilled artisans engaged in masonry, iron smithing, goldsmithing, weaving and pottery also occupied the settlement. It was represented by the Nagarattaar, who regulated their association with temples, which needed their financial assistance. In the reign of Rajaraja I, Mamallapuram was administrated by a body called Maanagaram. Local goods were exchanged in nagarams. These goods included silk,

porcelain, camphor, cloves, sandalwood and cardamom according to Chinese accounts. In order to promote trade, inland and sea way, Kulotunga revoked the collection of toll fee (sungam). Hence he was conferred the title Sungam Thavirtha Chozhan.

Nattar

Nadu was a grouping of several urs, excluding brahmadeyas formed around irrigation sources such as canals and tanks. Nattar (literally those belonging to the nadu) were the assembly of landholders of vellanvagai villages (urs) in nadu. Nattar functioned as pillars of the state structure under the Cholas. They discharged many of the administrative, fiscal and judicial responsibilities of the state. They held hereditary land rights and were responsible for remitting the tax from the respective nadu to the state. Landholders of the nadu held the honorific titles such as asudaiyan (possessor of land), araiyan (leader) and kilavan (headman). There were functionaries such as the naattukanakku and nattuviyavan, recording the proceedings of the Nattar.

11.1.3 Economy

Agriculture

One of the major developments in this period was the expansion of agriculture. People settled in fertile river valleys, and even in areas where there were no rivers, and arrangements were made for irrigation by digging tanks, wells and canals. This led to the production of food grain surplus. Society got differentiated in a big way. The Chola state collected land tax out of the agrarian surplus for its revenue. There was an elaborate “department of land revenue” known as puravuvari-tinaikkalam, with its chief called puravuvari-tinaikkalanayagam.

Land Revenue and Survey

For the purposes of assessing tax, the Cholas undertook extensive land surveys and revenue settlements. Rajaraja I (1001), Kulotunga I (1086) and Kulotunga III (1226) appointed people for land survey so that the land could be classified and assessed for the purposes

Local Elections and Uttaramerur Inscriptions



Two inscriptions (919 and 921) from a Brahmadeya (tax-free land gifted to Brahmins) called Uttaramerur (historically called Uttaramallur Caturvedimangalam) give details of the process of electing members to various committees that administered the affairs of a Brahmin settlement. This village was divided into 30 wards. One member was to be elected from each ward. These members would become

members of different committees: public works committee, tank committee, garden committee, famine committee and gold committee. The prescribed qualifications for becoming a ward member were clearly spelt out. A male, above 35 but below 75, having a share of property and a house of his own, with knowledge of Vedas and bhasyas was considered eligible. The names of qualified candidates from each ward were written on the palm-leaf slips and put into a pot (kudavolai). The eldest of the assembly engaged a boy to pull out one slip and would read the name of the person selected.

of taxation. Like other functionaries of the state, the surveyors of the land called naduvagaiseykira too hailed from the landholding communities. Various units of the land measurement such as kuli, ma, veli, patti, padagam, etc. are known, with local variations. Generally, taxes were collected in different forms. The taxes collected included irai, kanikadan, iraikattina-kanikadan and kadami. An important category of tax was kudimai. Kudimai was paid by the cultivating tenants to the government and to the landlords, the bearers of honorific titles such as udaiyan, araiyan and kilavar. The tax rates were fixed depending on the fertility of the soil and the status of the landholder. Opati were levied and collected by the king and local chiefs. Temples and Brahmins were exempted from paying the taxes. The tax paid in kind was referred to as iraikattina-nellu. All these were mostly realised from the Kavery delta but not widely in the outskirts of the kingdom. At the ur (village) level, urar (village assembly) were responsible for collecting the taxes and remitting them to the government. At the nadu level, the nattar were responsible for remitting taxes.

Irrigation

Cholas undertook measures to improve the irrigation system that was in practice. As the state was drawing most of its revenue from agriculture, the Cholas focused their efforts on managing water resources. Vativaykkal, a criss-cross channel, is a traditional way of

Paddy as tax was collected by a unit called kalam (28 kg). Rajaraja I standardised the collection of tax. He collected 100 kalam from the land of one veli (about 6.5 acres), the standard veli being variable according to fertility of the soil and the number of crops raised.

harnessing rain water in the Kavery delta. Vati runs in the north-south direction while vaykkal runs in the east-west direction. Technically, vati is a drainage channel and a vaykkal is a supply channel. The water running through vaykkal to the field was to be drained out to vati and to another vaykkal. Rain water would flow from where the natural canal started. Many irrigation canals are modifications of such natural canals. The harnessed water was utilised alternately through vati and vaykkal. Here the mechanism designed was such that water was distributed to the parcelled out lands in sequel.

Many canals were named after the kings, queens and gods. Some examples of the names are Uttamachola-vaykkal, Panca-vanamadevi-vaykkal and Ganavathy-vaykkal. Ur-vaykkal was owned jointly by the landowners. The nadu level vaykkal was referred to as nattu-vaykkal. The turn system was practiced for distributing the water. Chola inscriptions list some big-size irrigation tanks such as Cholavardhi, Kaliyaneri, Vairamegatataka created by the Pallavas, Bahur big tank and Rajendra Cholaperiyaeri. For the periodical or seasonal maintenance and repair of irrigation works, conscripted labour was used.

The irrigation work done by Rajendra Chola I at Gangaikonda Chozhapuram was an embankment of solid masonry 16 miles long. Rajendra described it as his jalayam jayastambham, meaning “pillar of victory in water”. The Arab traveller Alberuni visited the place a hundred years later. On seeing them he was wonder-struck and said: “Our people, when they see them, wonder at them, and are unable to describe them, much less construct anything like them”, records Jawaharlal Nehru in *The Glimpses of World History*.

Water Management

Different kinds of water rights were assigned. These rights regulated the share of water from the tanks and wells; it also entailed the right of deepening and broadening the channels and repairing the irrigation system. The allotment of water is described as nirkkiintavaru (share of water as allotted). The water was released through kumizh (sluice) or talaivay (head-channel). Royal orders warned the people against the violation of water rights and encroachment of water resources gifted to the brahmadeya settlements. Commonly owned village tank was called enkalkulam (our tank). Land transaction in the form of donation and endowment were accompanied by water rights as well. For the periodical and seasonal maintenance and repair of the irrigation tanks, rendering free labour was in practice. Vetti and amanji were the forms of free labour related to public works at the village level.



Kavinattu Kanmai with Chola inscription

Village assemblies under the Cholas collected a tax called eriayam, which was utilised for repairing irrigation tanks. Sometimes local leaders like araiyan repaired and renovated irrigation tanks destroyed in a storm. There were instances of the water from a tank shared by villagers and the temples. Special groups known as talaivayar, talaivay-chanrar and eri-araiyarkal were in charge of releasing

the water through the head channel and sluice from the rivers or tanks. A group of people who were in charge of kulam was called kulattar. In later period, temples were entrusted with the upkeep of the irrigation sources.

11.1.4 Society and its Structure

In the predominantly agrarian society prevailing during the Chola period, landholding was the prime determinant of social status and hierarchy. The Brahmin landholders called brahmadeya-kilavars at the top brahmadeya settlements with tax exemption were created, displacing (kudi neekki) the local peasants. Temples were gifted land known as devadana, which were exempted from tax, as in brahmadeyams. The temples became the hub of several activities during this period.

The landholders of vellanvagai villages were placed next in the social hierarchy. Ulukudi (tenants) could not own land but had to cultivate the lands of Brahmins and holders of vellanvagai villages. While landholders retained melvaram (major share in harvest), the ulukudi got kizh varam (lower share). Labourers (paniceymakkal) and slaves (adimaigal) stayed at the bottom of social hierarchy.

Outside the world of agrarian society were the armed men, artisans and traders. There are documents that make mention of cattle-keepers who apparently constituted a considerable section of the population. There certainly were tribals and forest-dwellers, about whom our knowledge is scanty.

Religion

Puranic Hinduism, represented by the worship of Siva, Vishnu and associated deities, had become popular by the time

of the Cholas. A large number of temples dedicated to these deities were built. The temples were provided vast areas of land and a considerable section of population came under their influence.

Chola rulers were ardent Saivites. Parantaka I and Uttama Chola (907–970) made provisions and gifted the lands to promote religion. In a fresco painting in which Rajaraja I is portrayed with his wives worshiping Lord Siva in Thanjavur Brihadishvarar temple. One of the titles of Rajaraja I is Siva Pada Sekaran, i.e. one who clutches the foot of Lord Siva.

Siva was the preeminent god for the Cholas and he was represented in two forms. The iconic form of Siva was Lingodbhava, and the Nataraja idol was the human form. A trace of the locations of temple centres in Kavery delta could provide us the map of an agrarian-political geography spatially and temporally. The repeated representation of Tripurantaka (the destroyer of three mythical cities of asura) form of Siva in sculpture and painting gave him a warrior aspect and helped in gaining legitimacy for the ruler.



Lingodbhava, Brihadishvarar Temple

The representation of Nataraja or Adal Vallan (king of dance) in the form of idol was the motif of Tamil music, dance and drama with hymns composed by Nayanmars, the Saiva saints. These hymns sang the praise of Siva and extolled the deeds of god. They held great appeal to the devotees from different social sections.

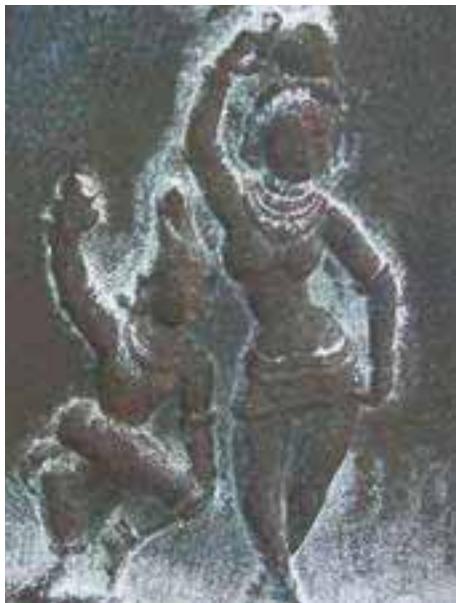
The Saiva canon, the Thirumurai, was codified after it was recovered by Nambi Andar Nambi. *Oduvars* and *Padikam Paduvars* were appointed to sing in the temples to recite Thirumurai daily in the temple premises. The singers of hymns were known as vinnappamseivar. The players of percussion instruments also were appointed. Girls were dedicated for the service of god. Musicians and dance masters also were appointed to train them.

A highly evolved philosophical system called Saiva Siddhanta was founded during this period. The foundational text of this philosophy, Sivagnana Bodham, was composed by Meikandar. Fourteen texts, collectively called Saiva Siddhantha Sastram, form the core of this philosophy. In later times, many Saiva monasteries emerged and expounded this philosophy.

The devotion of Chola rulers to Saivism became a strong passion in due course of time. Kulothunga II, for instance, exhibited such a trait. The theological tussle was fierce between state religion, Saivism, and Vaishnavism so much so that Vaishnavism was sidelined to the extent of its apostle Sri Ramanujar leaving the Chola country for Melkote in Karnataka.

Builders of Temples

The Cholas built and patronised innumerable temples. The royal temples in Thanjavur, Gangaikonda Chozhapuram and Darasuram are the repositories of architecture, sculpture, paintings and iconography of the Chola



Dancing woman accompanied by musician,
Brihadishvarar temple

arts. The temples became the hub of social, economic, cultural and political activities. The paraphernalia of the temples including temple officials, dancers, musicians, singers, players of musical instruments and their masers headed by the priests worshipping the gods reflect the royal court. In the initial stages, architecturally, the Chola temples are simple and modest. Sepulchral temples (pallip-padai) also were built where the kings were buried.

Temple as a Social Institution

Chola temples became the arena of social celebrations and functioned as social institutions. They became the hub of societal space in organising social, political, economic and cultural activities. The prime temple officials were koyirramar, koyikanakku (temple accountant), devakanmi (agent of god), srivaisnavar, cantesar (temple manager) and others. They promoted the development of learning, dance, music, painting and drama. A play called Rajarajanatakam, based on the life of Rajaraja I, was performed in the Thanjavur temple. The festivals of Chithirai Tiruvizha, Kartigai and Aippasivizha were celebrated. It

is said that singing hymns in temple premises promoted oral literacy. Traditional dance items like kudak-kuthu and sakkaik-kuthu were portrayed in the form of sculptures and paintings in the temples in Kilapalivur, Tiruvorriyur. Niruya and karna poses are shown in sculptural forms in the Thanjavur big temple. Traditional Tamil musical instruments also were portrayed in this way.

The pastoral group, as a mark of devotion, donated livestock of specified number to the temples so as to maintain the perpetual lamp to be lit in the temple. To record their gift, their names were engraved in the inscriptions of royal temple. Thus, they earned royal affinity. The oil pressers called Sankarapadiyar supplied oil to the temple and became part of the functionaries of the temples. In times of famine, some of them sold themselves to the temple as servants.

Temples functioned as banks by advancing loans and by purchasing and receiving endowments and donations. They also became educational centres as training was imparted in Vedas, music and the arts. Sculpture and metal work too were promoted. Temple accounts were audited and the auditor was called koyikanakku.

Gangaikonda Chozhapuram

In commemoration of his victory in North India, Rajendra I built Gangaikonda Chozhapuram on the model of Brihadisvarar temple in Thanjavur. He built an irrigation tank called Cholagangam near the capital called Jala-stambha (water-pillar). It became the coronation centre, which was a Chola landmarks. The sculptures of Ardhanariswarar, Durga, Vishnu, Surya, Cantesa Anugrahamurty are the best pieces of the idols of gods placed in the niches of the outer wall of sanctum.

Brihadishvarar Temple

The Grand Temple of Thanjavur, known as Rajarajisvaram and Brihadishvarar Temple, stands as an outstanding example of Chola architecture, painting, sculpture and iconography. This temple greatly legitimised Rajaraja's polity. The sanctum with a vimana of 190 feet is capped with a stone weighing 80 tons. The figures of Lakshmi, Vishnu, Ardhanarisvara and Bikshadana, a mendicant form of Siva, on the outer walls of the sanctum are some unique features. The fresco paintings and the miniature sculptures of the scenes from puranas and epics in the temple walls reveal the religious ideology of the Chola rulers. Dancing girls, musicians and music masters were selected from different settlements cutting across the nadu divisions and were attached to this temple. Singers had been appointed to recite the bhakti hymns in the temple premises.



Darasuram Temple

Darasuram Temple, built by Rajaraja II (1146–1172), is yet another important contribution of the Cholas to temple architecture. Incidents from the Periyapuram, in the form of miniatures, are depicted on the base of the garbhagriha (sanctum sanctorum) wall of the temple.

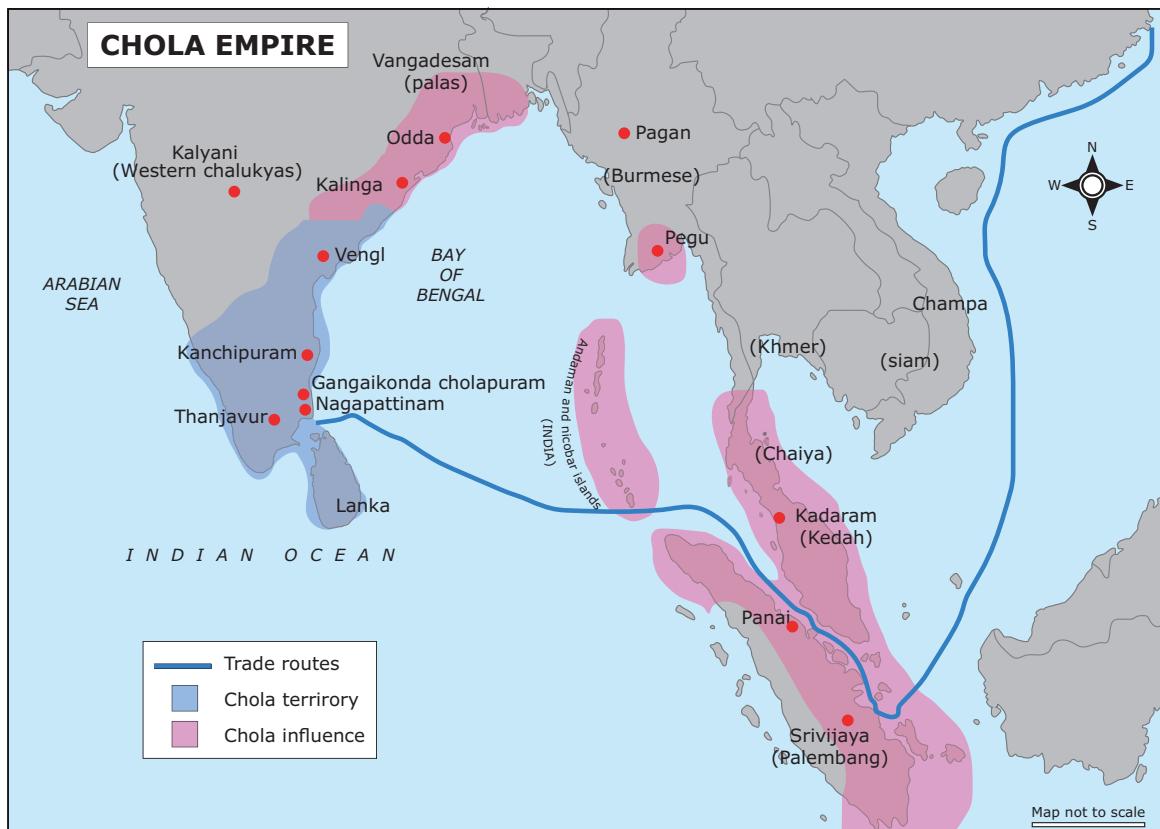
Trade

Increased production in agriculture as well as artisanal activities led to trade and growing exchange of goods for goods. This trade activity involved the notions of price, profit and market, which were not known in South India in the earlier period. Two guild-like groups are known: anjuvannattar and manigramattar. Anjuvannattar comprised West Asians, including Jews, Christians and Muslims. They were maritime traders and were settled all along the port towns of the west coast. It is said that manigramattar were busy with trade in the hinterland. They settled in interior towns like Kodumbalur,

Uraiur, Kovilpatti, Piranmalai and others. In due course, both groups merged and got incorporated under the banner of ainutruvar, disai-ayirattu-ainutruvar and valanciyar functioning through the head guild in Ayyavole in Karnataka. This ainutruvar guild controlled the maritime



Anugrahamurthy
Gangai Konda Chozhapuram



trade covering South-east Asian countries. Munai-santai (Pudukkottai), Mylapore and Tiruvotriyur (Chennai), Nagapattinam, Vishakapatnam and Krishnapattinam (south Nellore) became the centres of the maritime trade groups. In the interior, goods were carried on pack animals and boat. The items exported from the Chola land were sandalwood, ebony, condiments, precious gems, pepper, oil, paddy, grains and salt. Imports included camphor, copper, tin, mercury and etc. Traders also took interest in irrigation affairs. Valanciyar, a group of traders, once dug an irrigation tank called ainutruvapperari in Pudukkottai.

11.1.5 Cholas as Patrons of Learning

Chola kings were great patrons of learning who lavished support on Sanskrit education by instituting charities. From the inscriptions, we see that literacy skills were widespread. The great literary works Kamba Ramayanam and Periyapuram belong to this period. Rajendra I established a Vedic

college at Ennayiram (South Arcot district). There were 340 students in this Vaishnava centre, learning the Vedas, Grammar and Vedanta under 14 teachers. This example was later followed by his successors and, as a result, two more such colleges were founded, at Tribuvani near Pondicherry in 1048 and the other at Tirumukudal, Chengalpattu district, in 1067. In Sanskrit centres, subjects like Vedas, Sanskrit grammar, religion and philosophies were taught. Remuneration was given to teachers in land as service tenure.

The End of Chola Rule

The Chola dynasty was paramount in South India from the ninth to the thirteenth centuries. By the end of the twelfth century, local chiefs began to grow in prominence, which weakened the centre. With frequent invasions of Pandyas, the once mighty empire, was reduced to the status of a dependent on the far stronger Hoysalas. In 1264, the Pandyan ruler, Jatavarman Sundara Pandyan I, sacked the Chola's capital of Gangaikonda

Sambuvarayars

Sambuvarayars were chieftains in the North Arcot and Chengalpattu regions during the reign of Chola kings, Rajathiraja and Kulothunga III. Though they were feudatories, they were found fighting sometimes on the side of their overlords and occasionally against them also. From the late 13th century to the end of Pandya ascendancy, they wielded power along the Palar river region. The kingdom was called Raja Ghambira Rajyam and the capital was in Padaividu. Inscriptions of Vira Chola Sambavarayan (1314–1315CE) have been found. Sambuvarayars assumed high titles such as Sakalaloka Chakravartin Venru Mankonda Sambavarayan (1322–1323 CE) and Sakalaloka Chakravartin Rajanarayan Sambavarayan (1337–1338 CE). The latter who ruled for 20 years was overthrown by Kumarakampana of Vijayanagar. It is after this campaign that Kumarakampana went further south, as far as Madurai, where he vanquished the Sultan of Madurai in a battle.

Chozhapuram. With Kanchipuram lost earlier to the Telugu Cholas, the remaining Chola territories passed into the hands of the Pandyan king. 1279 marks the end of Chola dynasty when King Maravarman Kulasekara Pandyan I defeated the last king Rajendra Chola III and established the rule by Pandyas.

II PANDYAS

Pandyas were one of the muvendars that ruled the southern part of India, though intermittently, until the pre-modern times. Ashoka, in his inscriptions, refers to Cholas, Cheras, Pandyas and Satyaputras as peoples of South India. Korkai, a town historically associated with pearl fisheries, is believed to have been their early capital and port. They moved to Madurai later.

Many early Tamil inscriptions of Pandyas have been found in Madurai and its surroundings. Madurai is mentioned as Matirai in these Tamil inscriptions, whereas Tamil classics refer to the city as Kudal, which means assemblage. In one of the recently discovered Tamil inscriptions from Puliman Kompa, a village in Pandya territory, Kudal is mentioned. In Pattinappalai and Maduraikkanchi, Koodal is mentioned as the capital city of Pandyas. It finds mention in Ettuthogai (Eight Anthologies) also. So,

historically Madurai and Kudal have been concurrently used.

Sources

The history of the Pandyas of the Sangam period, circa third century BCE to third century CE, has been reconstructed from various sources such as megalithic burials, inscriptions in Tamil brahmi, and the Tamil poems of the Sangam literature. The Pandyas established their supremacy in South Tamil Nadu by the end of the sixth century CE. A few copper plates form the source of our definite knowledge of the Pandyas from the seventh to the ninth century. The Velvikkudi grant of Nedunjadayan is the most important among them. Copper plates inform the essence of royal orders, genealogical list of the kings, their victory over the enemies, endowments and donations they made to the temples and the Brahmins. Rock inscriptions give information about the authors of rock-cut cave temples, irrigation tanks and canals. Accounts of travellers such as Marco Polo, Wassaff and Ibn-Batuta are useful to know about political and socio-cultural developments of this period. Madurai Tala Varalaru, Pandik Kovai and Madurai Tiruppanimalai provide information about the Pandyas of Madurai of later period.

Though pre-Pallavan literary works do not speak of Sangam as an academy, the term Sangam occurs in Iraiyanar Akapporul

of late seventh or eighth century CE. The term Sangam, which means an academy, is used in late medieval literary works like Periya Puranam and Tiruvilaiyadal Puranam.



Seethalai Saththanar, the author of epic Manimekalai, hailed from Madurai.

Territory

The territory of Pandyas is called Pandymandalam, Thenmandalam or Pandynadu, which lay in the rocky, hilly regions and mountain ranges except the areas fed by the rivers Vaigai and Tamiraparni. River Vellar running across Pudukkottai region had been demarcated as the northern border of the Pandya country, while Indian Ocean was its southern border. The Western Ghats remained the border of the west while the Bay of Bengal formed the eastern border.

11.2.1 Pandya Revival (600–920)

The revival of the Pandyas seems to have taken place after the disappearance of the Kalabhras. Once hill tribes, the Kalabhras

had soon taken to a settled life, extending their patronage to Buddhists and Jains. Kadunkon, who recovered Pandya territory from the Kalabhras according to copper plates, was succeeded by two others. Of them, Sendan possessed warlike qualities and his title Vanavan is suggestive of his conquest of Cheras. The next one, Arikesari Maravarman (624–674), an illustrious early Pandya, ascended the throne in 642, according to a Vaigai river bed inscription. He was a contemporary of Mahendravarman I and Narsimahavarman I. Inscriptions and copper plates praise his victory over his counterparts such as Cheras, Cholas, Pallavas and Sinhalese. Arikesari is identified with Kun Pandian, the persecutor of Jains.



Saivitesaint Thirugnanasambandar converted Arikesari from Jainism to Saivism.

After his two successors, Kochadayan Ranadhira (700–730) and Maravarman Rajasimha I (730–765), came Jatila Parantaka Nedunjadayn (Varaguna I) (756–815), the donor of the Velvikkudi plates. He was also known as the greatest of his dynasty and successfully handled the Pallavas and the



Impaling of Jains

Though the number of Jain people who were persecuted is questionable, the incitance of persecution is not in doubt.

Cheras. He expanded the Pandya territory into Thanjavur, Tiruchirappalli, Salem and Coimbatore districts. He is also credited with building several Siva and Vishnu temples. The next king Srimara Srivallabha (815–862) invaded Ceylon and maintained his authority. However, he was subsequently defeated by Pallava Nandivarman III (846–869). He was followed by Varaguna II who was defeated by Aparajita Pallava (885–903) at Sripurmbiyam. His successors, Parantaka Viranarayana and Rajasimha II, could not stand up to the rising Chola dynasty under Parantaka I. Parantaka I defeated the Pandya king Rajasimha II who fled the country in 920CE.

Rise of Pandyas Again (1190–1310)

In the wake of the vacuum in Chola state in the last quarter of 12th century after the demise of Adhi Rajendra, Chola viceroyalty became weak in the Pandya country. Taking advantage of this development, Pandya chieftains tried to assert and rule independently. Sri Vallaba Pandyan fought Rajaraja II and lost his son in the battle. Using this situation, the five Pandyas waged a war against Kulotunga I (1070–1120) and were defeated. In 1190, Sadayavarman Srivallabhan, at the behest of Kulotunga I, started ruling the Pandya territory. He was anointed in Madurai with sceptre and throne. To commemorate his coronation, he converted a peasant settlement Sundaracholapuram as Sundarachola Chaturvedimangalam, a tax-exempted village for Brahmins.

After the decline of the Cholas, Pandya kingdom became the leading Tamil dynasty in the thirteenth century. Madurai was their capital. Kayal was their great port. Marco Polo, the famous traveller from Venice, visited Kayal twice, in 1288 and in 1293. He tells us that this port town was full of ships from Arabia and China and bustling with business activities.

Marco Polo, a Venetian (Italy) traveller who visited Pandya country lauded the king for fair administration and generous hospitality for foreign merchants. In his travel account, he also records the incidents of sati and the polygamy practiced by the kings.



Sadaiyavarman Sundrapandy

The illustrious ruler of the second Pandya kingdom was Sadaiyavarman (Jatavarman) Sundrapandy (1251–1268), who not only brought the entire Tamil Nadu under his rule, but also exercised his authority up to Nellore in Andhra. Under his reign, the Pandya state reached its zenith, keeping the Hoysalas in check. Under many of his inscriptions, he is eulogized. Sundrapandy conquered the Chera ruler, the chief of Malanadu, and extracted a tribute from him. The decline of the Chola state emboldened the Boja king of Malwa region Vira Someshwara to challenge Sundrapandy, who in a war at Kannanur defeated him. Sundrapandy plundered his territory. He put Sendamangalam under siege. After defeating the Kadava chief, who ruled from Cuddalore and wielded power in northern Tamil Nadu, Sundrapandy demanded tribute. He captured the western region

and the area that lay between present-day Arcot and Salem. After killing the king of Kanchipuram in a battle, Pandyas took his territory. But, by submitting to the Pandyas, the brother of the slain king got back Kanchipuram and agreed to pay tribute. Along with him, there were two or three co-regents who ruled simultaneously: Vikrama Pandyan and Vira Pandyan. A record of Vira Pandyan (1253–1256) states that he took Eelam (Ceylon), Kongu and the Cholamandalam (Chola country).

Maravarman Kulasekharan

After Sundarapandyan, Maravarman Kulasekharan ruled successfully for a period of 40 years, giving the country peace and prosperity. We have authentic records about the last phase of his reign. He ascended the throne in 1268 and ruled till 1312. He had two sons, and in 1302, the accession of the elder son, Jatavarman Sundara Pandyan III, as co-regent took place. The king's appointment of Sundarapandyan as a co-regent provoked the other son Vira Pandyan and so he killed his father Maravarman Kulasekharan. In the civil war that ensued, Vira Pandyan won and became firmly established in his kingdom. The other son, Sundara Pandyan, fled to Delhi and took refuge under the protection of Alauddin Khalji. This turn of events provided an opening for the invasion of Malik Kafur.

Invasion of Malik Kafur

When Malik Kafur arrived in Madurai in 1311, he found the city empty and Vira Pandyan had already fled. In Amir Khusrus estimate, 512 elephants, 5,000 horses along with 500 mounds of jewel of diamonds, pearls, emeralds and rubies are said to have been taken by Malik Kafur. The Madurai temple was desecrated and an enormous amount of wealth was looted. The wealth he

carried was later used in Delhi by Alauddin Khalji, who had then taken over the throne, to wean away the notables in the court to his side against other claimants.

After Malik Kafur's invasion, the Pandyan kingdom came to be divided among a number of the main rulers in the Pandya's family. In Madurai, a Muslim state subordinate to the Delhi Sultan came to be established and continued until 1335 CE when the Muslim Governor of Madurai Jalaluddin Asan Shah threw off his allegiance and declared himself independent.

11.2.2 State

Pandya kings preferred Madurai as their capital. Madurai has been popularly venerated as Kudal and Tamil Kelukudal. The kings are traditionally revered as Kudalkon, Kudal Nagar Kavalan, Madurapura Paramesvaran. The titles of the early Pandyas are: Pandiyatirasan, Pandiya Maharasan, Mannar Mannan, Avaniba Sekaran, Eka Viran, Sakalapuvana Chakkaravarti and others. Titles of the later Pandyas in Sanskrit include Kodanda Raman, Kolakalan, Puvanekaviran, and Kaliyuga Raman. Titles in chaste Tamil are Sembian, Vanavan, Thennavan and others. The Pandyas derived military advantage over their neighbours by means of their horses, which they imported through their connection to a wider Arab commercial and cultural world.

Palace and Couch

Royal palaces were called Tirumaligai and Manaparanan Tirumaligai. Kings, seated on a royal couch, exercised the power. The naming of couches after the local chiefs attests to the legitimacy of overlordship of the kings. The prominent names of such couches are Munaiya Daraiyan, Pandiya Daraiyan and Kalinkat Traiyan.

The king issued royal order orally while majestically seated on the couches. It was documented by royal scribe called Tirumantira Olai.

Royal Officials

A band of officials executed the royal orders. The prime minister was called uttaramantri. The historical personalities like Manickavasagar, Kulaciraiyar and Marankari worked as ministers. The royal secretariat was known as Eluttu Mandapam. Akapparivara Mudalikal were the personal attendants of the kings. The most respected officials were Maran Eyinan, Sattan Ganapathy, Enathi Sattan, Tira Tiran, Murthi Eyinan and others. The titles of military commanders were Palli Velan, Parantakan Pallivelan, Maran Adittan and Tennavan Tamizhavel.

Political Divisions

Pandy Mandalam or Pandy Nadu consisted of many valanadus, which, in turn, were divided into many nadus and kurrams. The administrative authorities of nadus were the nattars. Nadu and kurram contained settlements, viz., mangalam, nagaram, ur and kudi, which were inhabited by different social groups. A unique political division in Pandy Mandalam is Kulakkil, i.e. area under irrigation tank. For instance, Madurai is described in an inscription as Madakkulakkil Madurai.

The duty of the nattar was to assess the qualities of land under cultivation and levy taxes. In surveying the lands, the officials used rods of 14 and 24 feet. After the measurement, the authorities donated the lands. Salabogam land was assigned to Brahmins. The land assigned to ironsmiths was called tattarkani; for carpenters, it was known as taccu-maniyam. Bhattacharji is the land donated for Brahmin group for imparting education.

Administration and Religion: Seventh to Ninth Centuries

An inscription from Manur (Tirunelveli district), dating to 800, provides an account of village administration. It looks similar to Chola's local governance, which included village assemblies and committees. Both civil and military powers were vested in the same person. The Pandya kings of the period supported and promoted Tamil and Sanskrit. The great Saiva and Vaishnava saints contributed to the growth of Tamil literature. The period was marked by intense religious tussles. The rise of the Bhakti movement invited heterodox scholars for debate. Many instances of the defeat of Buddhism and Jainism in such debates are mentioned in Bhakti literature.

11.2.3 Economy

Society

Kings and local chiefs created Brahmin settlements called Mangalam or Chaturvedimangalam with irrigation facilities. These settlements were given royal names and names of the deities. Influential Brahmins had honorific titles such as Brahmadi Rajan and Brahmmaraiyan.

Trade

It was not the Khalji's invasion from the north that brought the Muslims into Tamil country for the first time. Arab settlements on the west coast of southern India, from the seventh century, led to the expansion of their trade connection to the east coast of Tamizh country. This was because the governments of the east coast pursued a more liberal and enlightened policy towards the overseas traders. Their charters exempted traders from various kinds of port dues and tolls. In Kayal, there was an agency established by an

Arab chieftain by name Maliku-l-Islam Jamaluddin. This agency facilitated the availability of horses to Pandya kings.

Horse trade of that time has been recorded by Wassaff. He writes: "...as many as 10,000 horses were imported into Kayal and other ports of India of which 1,400 were to be of Jamaluddin's own breed. The average cost of each horse was 220 dinars of 'red gold.'"

In the inscriptions, the traders are referred to as nikamattor, nanadesi, ticai-ayiratu-ainutruvar, ainutruvar, manikiramattar and patinen-vishyattar. They founded the trade guilds in Kodumpalur and Periyakulam. The goods traded were spices, pearls, precious stones, horses, elephants and birds. In the thirteenth and fourteenth centuries, horse trade was brisk. Marco Polo and Wassaff state that the kings invested in horses as there was a need of horses for ceremonial purposes and for fighting wars. Those who were trading in horses were called kudirai-chetti. They were active in maritime trade also.

The busiest port town under the Pandyas was Kayalpattinam (now in Thoothukudi district) on the east coast. Gold coins were in circulation as the trade was carried through the medium of gold. It was variously called kasu, palankasu, anradunarpalankasu, kanam, kalancu and pon. The titular gods of the traders are Ayirattu Aynurruvaar Udaiyar and Sokka Nayaki Amman. The periodically held fairs were called Tavalamin settlements called teru where the traders lived.

Irrigation

The Pandya rulers created a number of irrigation sources and they were named after the members of the royal family. Some of them were Vasudeva Peraru, Virapandya Peraru, Srivallaba Peraru and

Parakirama Pandya Peraru. The tanks were named Tirumaleri, Maraneri, Kaliyaneri and Kadaneri. On either side of the rivers Vaigai and Tamiraparni, canals leading to the tanks for irrigation were built. The Sendan Maran inscription of Vaigai river bed speaks of a sluice installed by him to distribute the water from the river. Sri Maran Srivallabhan created a big tank, which is till now in use. Like Pallavas in northern districts, Pandyas introduced the irrigation technology in the southern districts of Tamil country. In building the banks of the tanks, the ancient architect used the thread to maintain the level. Revetment of the inner side of the banks with stone slabs is one of the features of irrigation technique in Pandya country. In the time of the later Pandyas (around 1212), an official constructed a canal leading from river Pennai to the lands of Tiruvannamalai temple. In dry-zone Ramanathapuram also, tanks were created. In these areas, such irrigation works were done by local administrative bodies, local chiefs and officials. Repairs were mostly undertaken by local bodies. Sometimes, traders also dug out tanks for irrigation.

Iruppaikkuti-kilavan, a local chief, built many tanks and repaired the tanks in disrepair. The actual landowning groups are described as the Pumipittiar. Historically they were locals and hence they were referred to as nattumakkal. The communal assembly of this group is Cittirameli-perianattar.

Literacy

The mission of promoting literacy was carried on through many ways. Appointment of singers to recite the Bhakti hymns in temple has been seen as the attempt of promoting literacy. In theatres, plays were staged for a similar purpose. Bhattavirutti and salabogam



Piston sluice installed during the Pandya period in Pudukkottai Region



Sluice is a device to distribute the water from the water resources like river, tank and lakes. It is called Kumili, madai and Madagu in inscriptions.



Sluice in Tank Srivilliputtur

were endowments provided for promoting Sanskrit education. Brahmins studied the Sanskrit treatises in educational centres kadigai, salai and vidyastanam. From 12th century, monasteries came up and they were attached to the temples to promote education with religious thrust. A copper inscription says that an academy was set up to promote Tamil and to translate Mahabharatam. The important Tamil literary texts composed in the reign of the Pandyas were Tiruppavai, Tirvempavai, Tiruvasagam, Tirukkovai and Tirumantiram.

11.2.4 Religion

It is said that Pandyas were Jains initially and later adopted Saivism. Inscriptions and the sculptures in the temples attest to this belief. The early rock-cut cave temples were the outcrop of transitional stage in religion and architecture. Medieval Pandyas and later Pandyas repaired many temples and endowed them with gold and land. The vimanam over the sanctum of Srirangam and Chidambaram temples were covered with golden leaves. Sadaiyavarman Sundrapandyan was anointed in Srirangam temple, and to commemorate it, he donated an idol of Vishnu to the temple. The inner walls

of this temple and three other gopurams were plated with gold.

Pandyas extended patronage to Vedic practices. Palyagalsalai Mudukudumi Peruvalluthi, who performed many Vedic rituals, is identified with Pandyas of the Sangam period. Velvikkudi copper plates as well as inscriptional sources mention the rituals like Ashvamedayaga, Hiranyagarbha and Vajapeya yagna, conducted by every great Pandya king. The impartiality of rulers towards both Saivism and Vaishnavism is also made known in the invocatory portions of the inscriptions. Some kings were ardent Saivite; some were ardent Vaishnavites. Temples of both sects were patronised through land grant, tax exemption, renovation and addition of gopuras and spacious mandapas.

Temples

Pandyas built different models of temples. They are sepulchral temple (e.g sundrapandisvaram), rock-cut cave temples and structural temples. Medieval Pandyas and later Pandyas did not build any new temples but maintained the existing temples, enlarging them with the addition of gopuras, mandapas and circumambulations. The monolithic mega-sized ornamented



Rock-cut cave temple, Anaimalai.c.800 CE



Jain sculptures-Kalugumalai



Sittannavasal

pillars are the unique feature of the medieval Pandya style. The early Pandya temples are modest and simple. In these temples of the Pandya country, the sculptures of Siva, Vishnu, Kotravai, Ganesa, Subramanya, Surya and Brahma are best specimens. Pandyas specially patronised Meenakshi temple and kept expanding its premises by adding gopuras and mandapas.

The prominent rock-cut cave temples created by the early Pandyas are found in Pillayarpatti, Tirumeyyam, Kuntrakkudi, Tiruchendur, Kalugumalai, Kanyakumari and Sittannavasal. Paintings are found in

the temples in Sittannavasal, Arittaapatti, Tirumalaipuram and Tirunedunkarai. A 9th century inscription from Sittannavasal cave temple informs that the cave was authored by Ilam Kautamar. Another inscription of the same period tells us that Sri Maran Srivallaban renovated this temple. The fresco paintings on the walls, ceilings and pillars are great works of art. These paintings portray the figures of dancing girls, the king and the queen. The painting of water pool depicts some aquatic creatures, flowers and birds and some mammals.

The maritime history of India would be incomplete if the history of the Pandyas of Tamil country is skipped. The busiest port-towns were located all along the east coast of the Tamizh country. By establishing matrimonial link with Southeast Asian dynasties, Pandyas left an imprint in maritime trade activities.

Cintamani, Mylapore, Tiruvotriyur, Tiruvadanai and Mahabalipuram are busy coastal trading centres recorded in inscriptions.

SUMMARY

I Cholas

- Revival of Chola rule by Vijayalaya Chola (850–871) and its consolidation by Paranthaka Chola I (907–955).
- Rajaraja I (985–1014) built the great Chola empire and constructed the Brihadishvarar temple in Thanjavur, thereby bringing glory and fame to his dynasty.
- Rajendra I further expanded and extended the Chola territory by his overseas conquests to Kheda to Sri Vijaya. He built Gangai Konda Chozhapuram temple to commemorate his victories in North Indian military expeditions.
- The Cholas' efforts at providing tank and canal irrigation resulted in thriving agriculture and trade.
- Temples became the hub of activities leading to patronage of arts and letters.
- Brahmadeyams enjoyed special privileges inclusive of tax exemption.
- Royal temples at Thanjavur, Gangai Konda Chozhapuram and Darasuram exemplified the perfection and excellence attained in architecture, sculpture, paintings and iconography.
- Chola rulers as ardent Saivites supported the cause of Saivism and the Saiva canon (Thirumarai) was codified by Nambi Andar Nambi.
- Maritime trade flourished. Sandalwood, ebony, condiments, precious gems, pepper, oil, paddy, grains and salt were exported, while the chief imports were camphor, copper, tin and mercury.
- Chola kings were great patrons of learning. Rajendra I established a Vedic college at Ennayiram (South Arcot district).

II Pandyas

- The Pandyas established their dynastic rule in southern Tamil Nadu by the end of the sixth century CE after Kalabhras.
- Ari Kesari Maravarman's (624–674) military conquests of Cheras, Cholas, Pallavas and Sinhalese illustrate their greatness.
- Pandya's presence revived in the thirteenth century after the decline of Chola rule brought the Tamizh country to limelight.
- The war of succession between two brothers led to the intervention of Alauddin Khalji, resulting in the military expedition of Malik Kafur.
- Pandyas built rock-cut cave temples and structural temples.
- Pandyas left an imprint in maritime trade activities.
- Kayal (port) region became the centre of trade and exchange, as recorded by Marco Polo and other travellers from Arabia.

EXERCISE



I. Choose the correct answer

1. Naval expeditions of _____ extended as far as Sri Vijaya Kingdom.
(a) Kulothunga III (b) Rajendra I
(c) Rajaraja I (d) Paranthaka
2. The core of the Chola kingdom lay in _____ delta called Cholamandalam.
(a) Vaigai (b) Kaveri (c) Krishna (d) Godavari
3. Rajaraja I and Rajendra I jointly ruled the Chola kingdom for _____ years.
(a) 3 (b) 2 (c) 5 (d) 4
4. _____ makes one kalam
(a) 28 kg (b) 27 kg (c) 32 kg (d) 72 kg
5. "Kedah" is in _____
(a) Malaysia (b) Singapore (c) Thailand (d) Cambodia
6. In the reign of Rajaraja I, Mammallapuram was administered by a body called _____.
(a) Nattar (b) Maanagaram (c) Nagarattar (d) Urar
7. Match the Following:

1. Cantonments	-	Padaividu
2. Military outposts	-	Dandanayagam
3. Captain	-	Nilai padai
4. Commander-in-chief-	-	Padaimudali

 (a) 1, 3, 4, 2 (b) 4, 2, 1, 3 (c) 2, 1, 3, 4 (d) 2, 3, 1, 4
8. In commemoration of his victory in _____, Rajendra I built Gangaikonda Chozhapuram.
(a) Sri Lanka (b) North India (c) Kerala (d) Karnataka
9. _____ was the first capital of Pandyas.
(a) Madurai (b) Kayalpattinam (c) Korkai (d) Puhar
10. Manur inscription dating to 800 CE provides an account of _____ administration.
(a) central (b) village (c) military (d) provincial
11. In dry-zone Ramanathapuram, _____ were created by Pandya kings.
(a) moats (b) sluices (c) dams (d) tanks

II. Write brief answers

1. What are the quasi-historical literary works of the Cholas?
2. Why was the Cholamandalam called “Mummudi Cholamandalam”?
3. What were the titles assumed by Rajendra I?
4. List the various units of the land measurement.
5. Name the canals constructed and named after Chola kings, queens and gods.
6. Write a short note on Sangam, the Tamil academy.
7. What were the results of Malik Kafur’s invasion of Pandyan kingdom?

III. Write short answers

1. Write a note on the naval expeditions of Rajaraja Chola.
2. Why was Rajendra Chola called “Kadaram kondan”?
3. Write a note on the role of guilds during the Chola period.
4. Name some of the taxes collected during the Chola period.
5. Write about the social hierarchy under Cholas.
6. Mention some educational institutions of the Chola period.
7. What are the prominent rock-cut temples built by the early Pandyas?
8. Attempt an account of foreign travellers on Pandya kingdom.

IV. Write answers in detail

1. Write a short note on the following:
 - (i) Urar
 - (ii) Sabhaiyar
 - (iii) Nagarattar
 - (iv) Nattar
2. Irrigation and water management schemes resulted in agrarian surplus during the rule of Cholas. Analyse.
3. Highlight the architectural excellence of Cholas.
4. Discuss the socio-religious and cultural conditions during the reign of Cholas.
5. Justify the statement “Temple was a social institution”.
6. Write about the flourishing trade and commerce during Pandyas’ rule.
7. What are the steps taken by the Pandya kings towards irrigation?
8. Compare and contrast architectural styles of Cholas and the Pandyas.

Activity:

1. Prepare a scrap book on the recent findings on Cholas making use of newspapers and Internet sources.
2. Mark the places conquered by Chola kings in the given outline map of Asia.

GLOSSARY

circa	- approximately	- ஏறத்தாழ
anointment	- ceremony associated with induction of a person in office/position	- உயர்பதவியில் அமர்த்தும் போது செய்யப்படும் சமயச்சடங்கு
homogeneity	- same kind	- ஒரினத்தன்மை
ransack	- plunder	- சூறையாடு
hegemony	- dominance especially by one state over other state or one social group over others	- மேலாதிக்கம்
heterodox	- not following accepted beliefs/faiths	- அவைதீக
ravage	- devastate	- சேதப்படுத்து
venerated	- worshipful	- வணங்குதற்குரிய
preceptor	- teacher	- ஆசிரியர்/ஆசான்/குரு
extoll	- praise enthusiastically	- புகழ்கிண்ற
perpetual	- ever lasting	- முடிவில்லாத
bustling	- busy	- பரபரப்பான
ensued	- resulted	- பின்பு ஏற்பட்ட
allegiance	- loyalty	- விசுவாசம்
slain	- kill	- கொல்
genealogy	- family tree	- வம்சாவளி/குடிவழி

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ICT CORNER

Later Cholas and Pandyas

This activity explaining UNESCO World Heritage Sites, helps to learn about ancient Heritage.



Steps:

- Open the Browser and type the URL given below
(or) Scan the QR Code.
- World Heritage Centre page will appear on the screen.
- Double click or zoom any tagged sites or places.
(ex. Great Cholas Temples)
- You can see pictures, videos and informations relating to human heritage.



Step1



Step2



Step3



Step4

Browse in the link

Web link: <http://whc.unesco.org/en/interactive-map>

Mobile: <https://play.google.com/store/apps/details?id=com.tripbucket.unesco>



*Pictures are indicative only.

Glossary



DIR97R

acculturation	பிற பண்பாடு ஏற்றல்
acrimonious	கச்பான
adduced	சான்றாகக் காணப்பித்தல்
adversary	விரோதி
adzes	மரக் கைப்பிடி கொண்ட உளி போன்ற கருவி
agate	உயர் வகை கல்
allegiance	விசுவாசம்
amalgamate	இணை
anointment	உயர்பதவியில் அமர்த்தும் போது செய்யப்படும் சமயச்சடங்கு
antithetical	முரண்பட்ட
ascribed	சார்ந்தது
belittle	சிறுமைப்படுத்துதல்
bhikshu	பொதுத் துறவி
booty	போரின் மூலம் கொள்ளையடிக்கப்பட்டவை
bustling	பரபரப்பான
carnelian	அணிகலன்களில் பதிக்கும் சிவப்பு நிறக் கல்வகை
chauvinism	குறுகிய நோக்குடைய தேசியவாதம்
circa	ஏற்கதாழ
circumvented	விருது/அதிகாரச் சின்னம்
coercion	கட்டாயப்படுத்துதல்
coffer	கருவூலம்
collision	மோதல்
commemoration	கொண்டாட்டம்
conciliatory	இணக்கத்தை ஏற்கும்
conglomerated	கூழாங்கர்கள் மற்றும் சுரனைக் கர்களாலான பாறை
connotation	அர்த்தம்/பொருள்
consensus	கருத்தொருமித்த
contemplating	சிந்தனை செய்தல்
contemptible	வெறுக்கத்தக்க
corroborate	உறுதிபடுத்து
daunting	ஊக்கம் இழக்கத்தக்க
dissension	கருத்து வேற்றுமை
doab	இரு நதிகளுக்கிடையில் காணப்படும் செழுமையான நிலப்பகுதி
edifice	கட்டடம்/மாளிகை
embellished	அழகு படுத்து
empathetic	மற்றவர் உணர்வினை மதித்தல்
ensued	பின்பு ஏற்பட்ட
epithet	அடைமொழி
eponymous	பெயருக்குரிய
erudite	ஆழந்து கற்ற
esoteric	மெய்யறிவு உள்ளவர்களுக்காக
espousing	ஆதரித்தல்
exalted	உயர்ந்த
exorbitant	மிகவும் அதிகமான
extoll	புகழ்கிணறு
exuberance	உயிர்ப்புமிக்க
facade	முகப்பு
frugality	சிக்கனமான
garrison	கோட்டைக் காவற்படை
gazelle	ஒரு வகை அழகிய மான்
genealogy	வம்சாவளி / குடிவழி
goblet	கோப்பை

hegemony	மேலாதிக்கம்
heretics	வைத்தீக்த்திற்கு எதிரான
heterodox	அவைத்தீக்
hewn	செதுக்கப்பட்ட
homogeneity	ஓரினத்தன்மை
immolate	தீப் பாய்தல்
incessant	இடையறாத
inciting	தூண்டும்
incursion	திடீர் படையெடுப்பு
ingots	உலோக வார்ப்பிரும்புக் கட்டி
insignia	சிறப்புறிமைச் சின்னம்
interregnum	இடைப்பட்ட காலம்
intrigue	சதி
investiture	சடங்குகள் செய்து பதவியில் அமர்த்துதல்
Jasper	மஞ்சள், சிவப்பு, பழுப்பு நிறம் கொண்ட கல் வகை
legume	தாவர குழுமப் வகை (அவரை வகை)
lentil	துவரை வகை
Levant	கிழக்கு மத்தியத் தரைக்கடல் பகுதி
lexicographer	அகராதி தயாரிப்பவர்
lineage	பிரம்பனர்
magnum opus	தலைசிறந்த கலை படைப்பு
manoeuvring	சூழ்சி
mercantile	வணிகம் சார்ந்த
moat	அகழி
mundane issue	அன்றாட வாழ்க்கைப் பிரச்சனை
munificence	கொடை; வள்ளன்மை
negate	செயல்படாததாக்கு
Nilgai	சிறு கொம்புடைய மான் வகை
nomenclature	பொருள்களின் பெயரிழும் முறை
numismatic	நாணயங்கள் பற்றிய
oblation	காணிக்கை ; ஆகுதி
perpetual	எப்போதும் நிலைத்திருக்கும்
pervade	பரவு
preceptor	ஆசிரியர் / ஆசான் / குரு
preeminent	புகுற்வாய்ந்த
primogeniture	மூத்த மகனுக்கு மட்டுமே வாரிசரிமை என்ற கோட்பாடு
proliferated	பல்கிப் பெருகி
proselytizing	மதமாற்ற முயற்சி
protagonist	முன்னொடுப்பவர்
punitive	தண்டிக்கிற
quartz	பல்நிறம் கொண்ட விலை குறைந்த மணிக்கல்
quinquennial	ஐந்தாண்டிற்கு ஒருமுறை நிகழும்
ransack	சூறையாடு
ravage	சேதப்படுத்து
reckon	கணக்கிடு
refrain	தவிர்
scepticism	அவநம்பிக்கை
schism	பிளவு
slain	கொல்
smother	நச்க்கு அல்லது அடக்கு
spouted vessel	நீண்ட மூக்குடைய பாத்திரம்
squabble	சச்சரவு
stratified	வர்க்க அடிப்படையில் அமைக்கப்பட்ட
surmise	ஊகம்
treacherous	துரோக
venerated	வணங்குதற்குரிய
vouch	உறுதிப்படுத்து

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