



# BHARATHIDASAN UNIVERSITY

Tiruchirappalli- 620024,  
Tamil Nadu, India

## Programme: M.A. History (Integrated)

**Course Title : Science, Technology  
and Society**

**Course Code : NMEC02**

### Unit-II

## Science and Religion

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**Department of History**

- ▣ Division of human history in into
- ▣ Classical Age (from 4<sup>th</sup> BCE to 4<sup>th</sup> CE)
- ▣ Age of Faith (from 4<sup>th</sup> CE to 12<sup>th</sup> CE)
- ▣ Age of Reason ( from 12<sup>th</sup> CE to today)

# Classical age

- ▣ Semi theological societies
- ▣ More focus on the natural forces as gods and rituals but no defined idea of god and religion
- ▣ In all civilisations throughout the world- the human society developed materialistic and metaphysical philosophies
- ▣ But the dominance of the latter varies from one to another
- ▣ In India, Egypt, Rome and Greece religion was bit defined

## Age of Faith (from 4<sup>th</sup> CE to 12<sup>th</sup> CE)

- ▣ Emergence of organised religions from 4<sup>th</sup> century BCE
- ▣ Christianity from 4<sup>th</sup> century, Islam from 7<sup>th</sup> century
- ▣ Allocation of divinity to Jesus and Mahammad Prophet
- ▣ Organised structure with priests hierarchy, systematic rituals, books, places of worship
- ▣ Theory of creation and mental enslavement
- ▣ Medieval theocratic state

# Faith vs science

- ▣ Expansion of urban areas and emergence of secular society
- ▣ Improvements in the techniques of production
- ▣ Rejection of church and emergence of Medieval schools
- ▣ Black Death (1343) and troubles to church
- ▣ Countering the rejection by scholasticism
- ▣ Appointment of friars (St. Thomas Aquinas)
- ▣ Renaissance and realism

# Age of Reason

- ▣ Reason, logic and realism against metaphysical medieval world view
- ▣ Application of mathematics and mechanics to understand realism
- ▣ Humanism and realism as realistic philosophies of the western classical civilisation
- ▣ Theories of Universe (Inner Universe and Outer Universe)
- ▣ Rejection of the Aristotle's Geocentric by the Copernicus Heliocentric
- ▣ Rejection of Claudius Galens theory of Anatomy by the Adreaus Vesalius