

HIS/141: Muslim Contribution to Arts, Science & Architecture

Brief Description:

Muslims have made tremendous contribution in the field of arts, sciences and architecture. In their hey days, they produced works of art of exceptional quality. They developed new scientific thinking, created new scientific methods and produced scientists of exceptional merit. In the field of architecture, the Muslim contribution was also immense.

Objectives:

After studying this course, the students will be able to:

- Appreciate the Muslim achievements in Arts, Sciences and Architecture
- Have an indepth study of the major influences behind Muslim achievements
- Develop an insight into different styles and methods of productions

Contents:

- ❖ Muslim Contribution to Arts:
 - a. Calligraphy
 - b. Paintings
 - c. Music
- ❖ Muslim Contribution to Science
 - a. Conception of Science amongst the Muslim
 - b. Mathematics
 - c. Physics and Technology
 - d. Astronomy
 - e. Chemistry
 - f. Medicine
 - g. Botany and Agriculture
 - h. Geography
- ❖ Muslim Architecture
 - a. Concept and Inspirations
 - b. Multiplicity of Styles
 - c. Diversity and Variety

Basic Readings:

Arnold and Guillaume. The Legacy of Islam (London: Oxford University Press, 1949)

Nasr, Syed Husain. Science and Civilization in Islam

Additional Readings:

Briffault, Dr. Robert. The Making of Humanity (Lahore: Islamic Book Foundation, 1980)

Calvert, A. F. Moorish Remains in Spain, London, 1906.

Hashmi, M. Tufail. Musulmanon Kay Sainsi Karnamay (Urdu) (Islamabad: Osama Publications, 1988).

Hole, Edwyn. Andalus - Spain under the Muslims, London, 1968.

McCable, J. The Splendour of Moorish Spain, London, 1935.

Sarton, George. Introduction to the History of Science (Washington: Carnegie Institute, 1950)

Saud, M. Islam and Evolution of Science (Islamabad: Islamic Research Institute, I.I.U., 2000).

Schacht, Joseph and Bosworth, C.E. (eds.) The Legacy of Islam (Oxford: Oxford University Press, 1979)

Wasti, Hakim Nayyar. Tibb al-Arab (Urdu translation of *Arabian Medicine*, G. Browne)
(Lahore, 1954)