

CONCEPT NOTE FOR INDIAN KNOWLEDGE SYSTEM

DEPARTMENT OF BOTANY.

TITLE OF THE COURSE: Ayurvedic System of Indian Medicine

To be taught to: Botany students

The Department of Botany has proposed “Ayurvedic System of INDIAN Medicine” as IKS for First year students. The syllabus is framed in such way that the students

1. Will be gain knowledge of basic 3000-year-old system of medicine that is ‘Ayurveda’ which originated in India.
2. After completing the 2 Credits Course students will be able to understand literature available in Ayurvedic system of medicine such as *Charaka Samhita* along with various terms and formulations used in Ayurveda.
3. The students will become aware about various formulations used in day-to-day life in the form of Chyawanprash, Churna, Vati and Arka etc.
4. From this course, Department of Botany is trying to inculcate awareness and promote research aptitude among students in the field of Ayurvedic system of Medicine.

DEPARTMENT OF ZOOLOGY

TITLE OF THE COURSE: Indian Knowledge System A Zoological perspective

To be taught to: Zoology students

Zoology has a rich history and has been a great contributor in the development of science since ages, wherein not only the scientists but also the common man has a major contribution of his knowledge and skills. Thus, it is essential to understand and study ancient zoology by the learners, e.g., use of leech to suck clotted blood, gain knowledge of medicinal plants, mud, etc by the behaviour of the animals, parental care in animals, etc.

The scriptures and mythological stories were very useful to spread the knowledge of zoology widely. Scientific literature related to zoology plays a vital role in educating people, making them aware about the development in biological sciences. Along with this archaeological zoology like palaeontology helps us to understand the evidence and evolution of organisms. Many environmentalists play a vital role in the conservation of nature and thus the mother earth. Therefore, in the present unit an effort is made to make the learners acquaint about the role of ancient knowledge in zoology and to correlate it with the progress of zoology for the betterment of mankind.

DEPARTMENT OF PHYSICS

TITLE OF THE COURSE: Indian Knowledge System A physics perspective

To be taught to physics students

Department of Physics offers IKS for students of with a course titled **Indian Knowledge System-I in SEM-I** which gives an idea about Sources of IKS knowledge, classification of IKS texts , a survey of available primary text , translated primary text as an Introduction, whereas for science dept specific course , students, learn about ,Overview of :Concept of matter, Life and universe, Gravity, Sage Agastya's model of battery, velocity of light, cosmology and modern concepts from ancient to Modern world.