

MSC (CA&IT) - Semester: I

(Effective from year 2023-24)

Course Code:	CAIT-106A	Course Title:	Introduction to Indic Knowledge System – I
Course Credits:	02	Hour of Teaching/Week:	02
Internal Assessment Marks:	25	External Exam Marks:	25
Exam Duration	2Hrs		

Unit	Contents
1	Introduction to IKS <ul style="list-style-type: none">○ Introduction to IKS & Its importance<ul style="list-style-type: none">▪ Introduction & importance of IKS▪ Various IKS Systems○ Shashtra – Foundational Literature of Bharatvarsha<ul style="list-style-type: none">▪ What is Shashtra?▪ Importance of Shashtra▪ Classification of Shashtra – Vaidic & Aavaidic (with examples of imp. Literature)○ Base of IKS proliferation<ul style="list-style-type: none">▪ Bhartiya Education System and its philosophy▪ History of BES from Ancient to Modern Domains of Education: Gurukul, Pathshala, Vidyalyay, Vishvavidyalay
2.	Contribution of IKS to the World <ul style="list-style-type: none">○ Mathematics & Astronomy<ul style="list-style-type: none">▪ Number System▪ Algebra & Arithmetic▪ Geometry▪ Trigonometry▪ Planetary System▪ Speed of Light▪ Eclipse○ Life sciences<ul style="list-style-type: none">▪ Physics▪ Chemistry▪ Botany○ Metal Technology<ul style="list-style-type: none">▪ Mining Techniques▪ Types of Metals

- Tools & Techniques for Metal Smelting with examples
- Town planning & Temple Architecture
 - Indigenous tools & technologies for town planning & Temple Architecture
 - Science of Architecture
 - Lothal, Mohan Jo Daro, Dholavira
 - Angkorvat, Lepakshi Temple, Jagannath Puri Temple, Thanjavur Temple, Modhera and Konark Sun Temple, Hampi Temple Etc.
- Ayurveda
 - Introduction of Ayurveda- Definition, Branches of Ayurveda, Books and Pioneers
 - Concept of Tri Dosh and importance of its Balance in the body
 - Indic Medical Science Achievement: Tools & Technology
- Art & Traditions
 - History and Origin
 - Skill Enhancement with 64 Kala

Science behind our traditions and rituals

Evaluation Method:

Internal	Attendance	Assignment	Seminar	Unit Test	Total Marks
	5	5	5	15	30
External	Online MCQ Test				70