



GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: Bachelor of Business Administration

Level: UG

Course / Subject Code: BB01001051

Course / Subject Name : Indian Knowledge Systems

w. e. f. Academic Year:	2024-25
Semester:	1
Category of the Course:	Indian Knowledge Systems- MDC-IKS

Prerequisite:	UG Course
Rationale:	<p>In the last 2000 years of economic history, India contributed to almost 40 % of the world GDP* for 1000 years and remained a major economic power in the world till 1850. It is only in the last 150 years that it lost this position and became a marginal player in world trade. This superlative economic performance was achieved without the abuse and exploitation of nature which we are a witness to since the industrial revolution of Europe till present. This was a model of life in which economic growth and ecology were not positioned against each other. How this was conceived and achieved in reality? What was the vision of the rishis, our forefathers, who conceived, designed and developed a way of life which is based on reverence for all existence? What was their understanding about life and its meaning? This course introduces the learners to the rich and varied knowledge traditions of India from antiquity to the present. This also helps the learner to know and understand their own knowledge systems and traditions which are imperative for any real development and progress.</p>

Course Outcome: After Completion of the Course, Student will able to:

Sr. No.	Course Outcomes	RBT
CO1	Understand the role of Indian knowledge systems in our society and, conversely, society's impact on its knowledge traditions	U
CO2	Comprehend the importance of Sanskrit Language in the corpus of Indian Knowledge Traditions	U
CO3	Classify the Shruti and Smriti parts of Sanskrit Literature – Vedas, Upanishads, Puranas and Itihasa - Ramayana and Mahabharata	U
CO4	Summarize the Indian knowledge contributions in the field of Philosophy, Mathematics, Astronomy, Music and Architecture	U
CO5	Interpret the relevance of Indian Knowledge systems in Governance, Management, Health, Wellness and Psychology	A

**Revised Bloom's Taxonomy (RBT)*



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Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks	
L	T	P		C	Theory		Practical		
					ESE (E)	PA(M)	PA (I)		ESE (V)
2	0	0	2	50	30	20	0	100	

Course Content:

Unit No.	Content	No. of Hours	Weightage (%)
1	INTRODUCTION: <ul style="list-style-type: none">Importance of Ancient Knowledge,Defining Indian Knowledge System,Importance of Oral Tradition in the continuity of IKSHistoricity and some unique aspects of IKS SANSKRIT LANGUAGE & SANSKRIT LITERATURE: <ul style="list-style-type: none">Phonetics in Sanskrit LanguagePatterns in Sanskrit VocabularyRole of Sanskrit in Natural Language ProcessingSome Unique Aspects of the Sanskrit Language Shruti Literature <ul style="list-style-type: none">Introduction to Vedas and Upanishads Smriti Literature <ul style="list-style-type: none">PuranasItihasa as a source of WisdomRamayana & Mahabharata	12	50%
2	SIGNIFICANT CONTRIBUTIONS OF INDIAN KNOWLEDGE SYSTEMS Mathematics <ul style="list-style-type: none">Number System in India – Historical EvidenceGreat Mathematicians and their Contributions Astronomy <ul style="list-style-type: none">Unique aspects of Indian AstronomyThe Indian Calendar System		



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	Indian Music & Architecture <ul style="list-style-type: none">Hindustani and Carnatic Music, ArchitectureVastu Shastra – The Science of Architecture Governance and Management <ul style="list-style-type: none">Arthashastra and its relevanceShukraniti : An OverviewConcept of Leadership and Management in IKS Health and Wellness <ul style="list-style-type: none">Ayurveda as a complete medical system Psychology Consciousness – The true nature of an Individual	13	50%
3	Practical: Students should be motivated to visit heritage places of their respective cities'/areas of residence. Group Discussions and Debates on topics related to IKS should be organized. Paintings and write up on Important Personalities in the Indian Knowledge Tradition may be organized.	05	NIL
	Total Hours/Marks:	30	100

Suggested Specification Table with Marks (Theory):

Distribution of Theory Marks (in %)					
R Level	U Level	A Level	N Level	E Level	C Level
0	80	20	0	0	0

Where R: Remember; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create (as per Revised Bloom's Taxonomy)

Suggested Learning Resources:

S. No.	Title of Book	Author	Publication with place, year and ISBN
1	Introduction to Indian Knowledge Systems – Concepts and Applications	B Mahadevan Vinayak Rajat Bhat Nagendra Pavana R N	PHI Learning Pvt Limited, New Delhi 2022 Edition
2	Vedic and Post Vedic Thought in Leadership	Dr. Margie Parikh	Gujarat University, Ahmedabad, 2017
3	Canakya on Management,	Ashok R Garde	Jaico Publishing 2013



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4	India that is Bharat: Coloniality, Civilization	J Sai Deepak	Bloomsbury India, 2021
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Software/Learning Websites

<https://iksindia.org/>

www.sanskrit.nic.in

<https://infinityfoundation.com/>

Suggested Student Activities for PA: (20 Marks)

- Course Projects on India Heritage of their respective cities'/areas of residence
- Group Discussions and Debates on topics related to IKS
- Paintings and write up on Important Personalities in the Indian Knowledge Tradition

CO- PO Mapping:

Semester 1	Indian Knowledge Systems (Course Code:)				
	POs				
Course Outcomes	PO1	PO2	PO3	PO4	PO5
CO1	-	-	-	-	-
CO2	-	-	-	-	-
CO3	-	-	2	2	-
CO4	-	-	-	-	-
CO5	1	1	1	1	-

Legend: '3' for high, '2' for medium, '1' for low and '-' for no correlation of each CO with PO.

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