

Systematic and Structure Framework for Indian Knowledge System

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Abstract - Indian Knowledge System (IKS) is a systematic and structured approach to transmitting knowledge from one generation to the next. It distinguishes itself as a process of knowledge transfer rather than merely a tradition. Rooted in the Vedic literature, the Upanishads, Vedas, and Upanishads. Indian education system believes in the existence of life in all the things of the universe. Our Vedas treated nature as God where even plants like Neem, Tulsi, Peepal, and so on are worshipped and promote plantation. India is always been a hub of knowledge where the world's top universities like Nalanda Thachhshila, and Magadh University were set up and all the disciplines were taught here.

Keywords - IKS, Vedic literature, Upanishads.

I. INTRODUCTION

IKS-Indian Knowledge System is an ancient knowledge plays a valuable role in this 21st century. This is the continuity of thoughts and ideas passed down by previous generation. It also consist of ideas formed as a result of studying our history, heritage and the culture of the innovation A vast diverse body of traditional and indigenous knowledge developed in the Indian sub continent over the millennia. Well being of all is the key concept behind it. Now the government of India has decided to impart this knowledge in all streams not only in non Technical education but it should be in professional courses also. All academicians should play an important role to teach and learn IKS. Simultaneously it should be tasted on the different parameters like holistic knowledge, civilization. Indian Knowledge System should play major role in developing curriculum taught in primary, school and at the higher education.

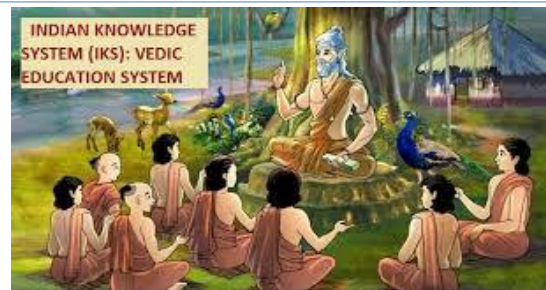


Fig.1 Traditional Indian knowledge System

IKS produced great scholars in all the fields like farming, astrology, science, architecture, philosophy, fine arts, YOGA. These rich and great legacy must be preserve and nurtured by the new today's generation. Indian spiritual thoughts are the real treasure that we can give to others for the well being of the world. [1]

IKS, its significance, and its future potential in the contemporary world are tremendous. It is the global way to deal with prosperity.[2]

Tension Yoga, beginning in old India, gives a thorough way to deal with inward, physical, and. Consolidating rehearses like asana (stances), pranayama (breath control), and suryanamaskar. It not only give us physical strength but mental strength also.

"Vasudhaiva Kutumbakam" (the world is one family) is the great thought. It is found only in Indian Culture and Civilization.[3]

Growth of thought its prosperity and inculcate at the different educational level is another aspect of our heritage. The targets of the Indian Information Framework (IKS) and the elements of its division are illustrated with a dream and mission that highlight interdisciplinary examination, protection, dispersal, and utilization of Indian information. Here is a breakdown of the vital elements.

II. LITERATURE SURVEY

IKS aims to help and work with to resolve contemporary cultural issues in different fields, including wellbeing, Brain science, Climate, and Reasonable development. Integration of Old Knowledge: The essential goal is to draw from an earlier time and coordinate Indian information frameworks to take care of contemporary and arising issues.

In the time of globalization, there is a fragile harmony between safeguarding conventional information and adjusting to worldwide patterns. The test lies in exploring the intricacies of a quickly impacting world while remaining established in social legacy. The Indian Knowledge System, its significance, and its future potential in the contemporary world. One concept is very remarkable i.e. "Vasudhaiva Kutumbakam" and that signifies "the world is one family" Indian culture is ample tales like the Ramayana and the Mahabharata contain scholarly, moral, and moral illustrations. Bhagavad Gita is remembered for the Mahabharata and the Karma Siddhant These different aspects has formed the social, philosophical, and logical legacy [4]

Globalization has achieved a few difficulties and adverse consequences on the Indian information framework. Because of globalization, instruction has turned into a confidential decent universally as opposed to a public decent locally. Nowadays, instruction is seen as a result of worldwide exchange. The logical upheaval that changed Europe was

enormously helped by the decimal framework, which started and thrived in India. It provides an in-depth understanding of the Vedic texts which are basic to Indian spirituality [5]

Despite the fact that having the option to convey in English is an advantage, putting a lot of accentuation on it as a showing medium can make provincial dialects be ignored. The protection of phonetic variety and the neighborhood information that is contained in local dialects is raised doubt about by this progress. Indian culture always gives classic impact towards the positive approach. Instruction imbalance could deteriorate because of globalization. The internationalization of instruction might help metropolitan regions, yet provincial regions might find it challenging to keep awake, making developing information whole between the two.

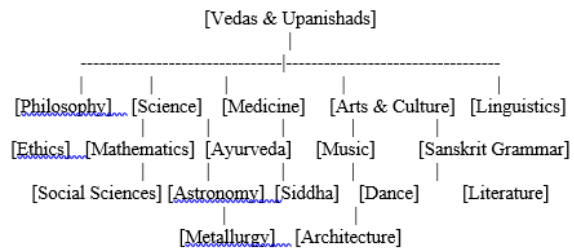


Fig. No.2 Classification of Vedas and Upanishads

Ample subjects and its combination is obvious in IKS. There is a continuous talk on 130 Shodh Samarth-Exploration Diary of Business,. This includes consolidating neighborhood viewpoints, exchanging of thoughts on the various topics of literature, medicine, astronomy and so on..[6]

Indian information frameworks (IKS) envelop an abundance of information, practices, and developments amassed over ages in India, covering different disciplines, including science, cosmology, medication, theory, and biology. These information frameworks have frequently been disregarded in the Indian school system, despite the fact that their expected commitment to propelling contemporary science is significant.

For a really long time, individuals in India got information from close perception of nature and the climate, like experiences into supportable farming practices, home grown medication, environment the board, and so on.

By applying logical systems to concentrate on IKS and its related practices, we can open their basic standards, exhibit their viability, and explore their possible applications in tending to introduce day challenges. Traditional Indian knowledge can contribute to modern solutions for sustainability. Examining IKS can likewise help with persuading current advancement across different disciplines.[7] There is rising acknowledgment of the benefit of coordinating IKS and present day ways to deal with address contemporary difficulties. In India, drives like the Public Advancement Establishment (NIF) and the Bumble bee Organization mean to report, approve, and advance grassroots developments established in IKS by perceiving the worth of IKS and including neighborhood networks in innovative work processes, drives can advance social conservation, encourage local area flexibility, and address licensed innovation privileges issues. Now a days our taking initiative to enhance access to digital knowledge resources, including aspects of the Indian Knowledge System. It is the transformation of thoughts. Some might fight that IKS is superfluous to contemporary difficulties and that cutting edge logical information is more useful in tending to them. Notwithstanding, this perspective disregards the gainful commitments and experiences that IKS can propose in handling present-day issues. While current logical information has progressed extraordinarily in ongoing hundreds of years, excusing the abundance of mastery imbued inside IKS would be foolish. [8]

One of the qualities of IKS lies in its comprehensive methodology, which coordinates numerous elements of information, including exact perceptions, hypothetical structures, experiential insight, and profound bits of knowledge. Besides, numerous components of IKS have been approved through exact exploration and logical request. For instance, Ayurveda, the old Indian arrangement of medication, has been dependent upon various

logical investigations. Ayurveda offers comprehensive ways to deal with medical services that stress preventive consideration, way of life changes, and customized therapy techniques.[9]

The utility of yoga has been upheld by a developing group of proof based research, featuring its multi-layered benefits for actual wellbeing, mental prosperity and personal satisfaction.

Proof based research has affirmed that conventional Indian farming practices are reasonable and offer important examples for tending to contemporary difficulties, for example, environmental change, soil debasement, and food instability. For instance, customary Indian rural methods, for example, blended trimming, crop turn, downpour water reaping and natural cultivating, adjust intimately with current feasible farming practices to safeguard soil wellbeing, improve biodiversity, and relieve environmental change influences. By coordinating IKS with present day logical information, the possibility to foster imaginative and all encompassing ways to deal with horticulture that advance ecological maintainability, food security, and country thriving is colossal.

A few parts of Indian cosmology, including numerical computations, galactic perceptions, and prescient models, have endured for an extremely long period and have been approved through exact proof and current logical strategies. There are a lot more such models.[10]

Thusly, as opposed to survey IKS as inconsistent with current logical techniques, we ought to concentrate on its capability to add to a more comprehensive, different, and dynamic logical scene.

The Public Training Strategy 2020 stressed coordinating IKS in school and advanced education in various disciplines. Training injected with the point of view of IKS can offer understudies a comprehensive perspective that incorporates different features of life. One such model is the accentuation on feasible living practices, which is profoundly imbued inside IKS. These practices center on ecological insurance and accentuate cultural

strength and agreeable concurrence with the normal world.[11]

Integrating the standards of IKS into training empowers understudies to get a handle on the interconnectedness between human activities and their effect on the climate and society. By diving into the insight of IKS and contextualizing it inside current real factors, understudies gain bits of knowledge into the significance of taking on feasible ways of life. Moreover, the lessons of IKS urge understudies to look for answers for contemporary difficulties looked by human social orders. Whether it's tending to environmental change, asset exhaustion, or social disparity, the all encompassing viewpoint of IKS furnishes understudies with a more profound comprehension of these perplexing issues. It moves them to go to proactive lengths for positive change.[12]

Overview of IKS

Indian Knowledge System (IKS) proposes various topical areas of IKS, where part of exploration and studies are required. This incorporates investigation of wellbeing and prosperity, and awareness; workmanship and culture; math and space science and so forth. Local area wellbeing and personal satisfaction are vital for any individual, particularly in quickly changing and innovation driven society and world. Current writing proposes work on involving simulated intelligence for medical care applications. The focal point of the work has not been taking advantage of the IKS areas, Yoga, cognizance and care practices and accordingly the proposed work to be done in the IKS Lab has significance in setting of Public Training Strategy of Govt. of India (NEP2020) as well as IKS for all encompassing advancement of understudies and further developed health of local area[13].

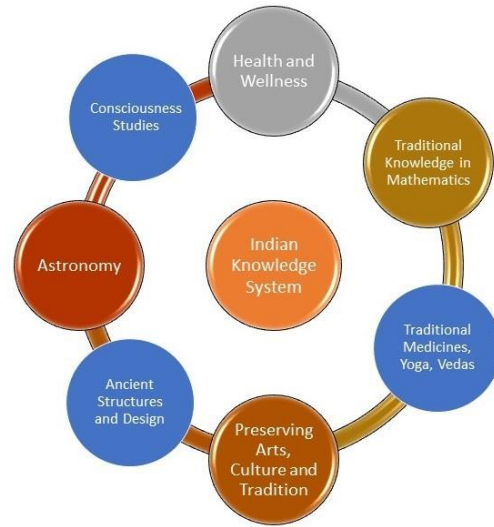


Fig. No.3

Challenges of IKS

Addressing the Challenges of IKS these difficulties include: Restoring Customary Instruction: Current instructive organizations can integrate components of IKS to make a more all encompassing way to deal with learning. Cooperative Exploration: Researchers, researchers, and experts from customary information frameworks can team up with current established researchers to investigate collaborations between antiquated intelligence and contemporary examination. Computerized Safeguarding: Using advanced innovation to protect and share IKS, making it open to a worldwide crowd while guaranteeing its credibility. Social Recovery: Empowering more youthful ages to reconnect with their social roots through instructive projects, studios, and local area based drives. Regardless of the difficulties, the Indian Information Framework stays an important wellspring of astuteness and offers significant experiences into otherworldliness, maintainability, and human prosperity that are progressively pertinent in this day and age.

Strategies to overcome challenges of IKS

Restoring and Incorporating IKS into Training Advanced Stages for Learning: Foster web-based stages, applications, and computerized libraries that offer open, precise, and sound assets connected with IKS. This could include virtual homerooms, online

classes, and online discussions where IKS researchers can impart information to a worldwide crowd.

Social Protection and Restoration: Social Celebrations and Studios: Advance celebrations, studios, and meetings that celebrate and feature IKS in its unique structure. This could incorporate customary fine arts, old style music, dance, Ayurveda, and otherworldliness. By coordinating such occasions, IKS practices can be revived inside nearby and worldwide networks.

Worldwide Mindfulness and Promotion: Public Mindfulness Missions: Send off crusades that bring issues to light about the significance of IKS in regular day to day existence, like through media, narratives, and online substance. These missions can assist with dissipating misguided judgments, nonconformist assignment, and advance the dependable act of customary information.

Advancing Moral and Dependable Practice

Addressing the Moves Endeavors to address these difficulties include: Restoring Conventional Training: Present day instructive organizations can integrate components of IKS to make a more all encompassing way to deal with learning. Cooperative Exploration: Researchers, researchers, and professionals from conventional information frameworks can team up with present day established researchers to investigate collaborations between antiquated shrewdness and contemporary examination. Computerized Safeguarding: Using advanced innovation to save and share IKS, making it open to a worldwide crowd while guaranteeing its credibility. Social Recovery: Empowering more youthful ages to reconnect with their social roots through instructive projects, studios, and local area based drives. Regardless of the difficulties, the Indian Information Framework stays a priceless wellspring of astuteness and offers significant experiences into otherworldliness, maintainability, and human prosperity that are progressively pertinent in this day and age.

III. CONCLUSION

Post-colonial scholars have called for a re-evaluation and reclamation of indigenous knowledge. Post-colonial India has witnessed cultural heredity, where traditional and Western knowledge systems have intersected and influenced each other. This fusion is evident in fields like literature, art, and philosophy. By considering all factors UGC has taken an excellent decision for incorporating IKS professional Courses also. Aurveda, Vedic science has tremendous importance in the contemporary world.

Through this harmonious blending of the ancient and the modern, the NEP envisions an education system that nurtures creativity, critical thinking, and respect for diverse forms of knowledge, ultimately empowering students to become well-rounded, informed global citizens. NEP recognizes the importance of indigenous knowledge, philosophy, and practices in fostering a holistic educational approach. This inclusion not only strengthens the country's cultural heritage but also offers a balanced perspective in global knowledge exchange

This paper talks about the Indian knowledge system and how it focuses on sustainable development so that we can serve the purpose of one earth one family and one future

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