



Netaji Subhas University

Jamshedpur , Jharkhand

INDIAN KNOWLEDGE SYSTEMS (IKS)

The Indian Knowledge Systems Division (IKS Division) of the Ministry of Education (MoE) was established in October 2020, with a vision to promote interdisciplinary and transdisciplinary research on all aspects of IKS, preserve and disseminate a deeper understanding and appreciation of IKS for further research, and societal applications. The IKS Division supports and funds the establishment of IKS centers, and interdisciplinary and transdisciplinary research in IKS. The Division conducts internship programs for undergraduate students in addition to conducting faculty development programs, workshops, text mining and documentation projects, and many outreach activities in partnership with other institutions. Additionally, the Division initiated IKS Wiki portal for article publishing in various Bhāratīya languages, fostering a broader dissemination and engagement with traditional knowledge systems.

The main objective of the IKS Division is to go beyond merely acknowledging the existence of Indian Knowledge Systems and to rejuvenate and mainstream it by integrating it into the fabric of our education research ecosystem for the contemporary world. It further seeks to bridge the gap between Traditional Indian Knowledge Systems and contemporary knowledge systems. By doing so, the IKS Division aims at cultivating a living tradition that fosters the creation of new knowledge and inspires the development of future innovators and scholars based on Bhāratīya paradigms of knowledge generation and transmission. In other words, the IKS Division is not satisfied discussing about Suśruta, Āryabhaṭa, Agastya and other venerated Ācāryas; we actively strive to create an ecosystem that will inspire and give rise to many more Suśrutas and Āryabhaṭas.

Core Principles of the IKS Division:

The IKS division focuses on three fundamental principles when undertaking any activity:

1. Paramparā:

Embracing the rich heritage and lineage of Indian Knowledge Systems, the IKS Division aims to uphold and carry forward the wisdom that has been passed down through generations. The goal is to highlight the continuous unbroken knowledge traditions of Bhārata since time immemorial.

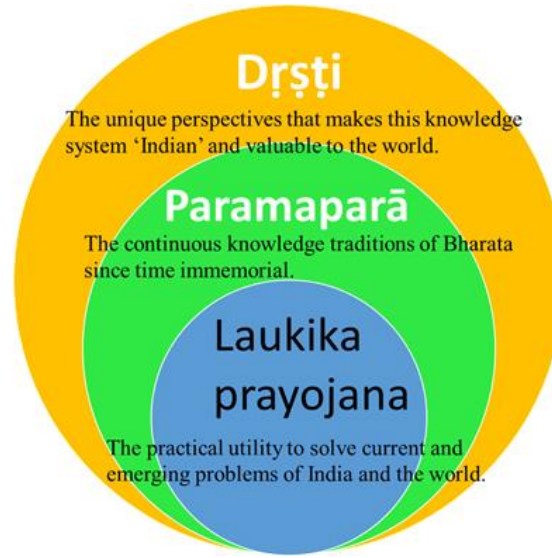
2. Dṛṣṭi:

Indian knowledge systems offer unique perspectives that make this knowledge system 'Bhāratīya' and hold immense value in addressing contemporary and emerging challenges. By

combining traditional wisdom with modern knowledge, we can find holistic solutions that transcend the limitations of either approach.

3. Laukika-prayojana:

The IKS Division aims to highlight the practical utility of the Indian Knowledge System to solve current and emerging problems of India and the world. By focusing on areas of societal importance, such as health, technology, and social well-being, IKS projects strive to make a tangible difference to the contemporary world by mainstreaming Indian Knowledge Systems.



Vision of the Indian Knowledge Systems Division (IKS Division), Ministry of Education

The vision of the IKS Division is to **rejuvenate and mainstream Indian Knowledge Systems for the contemporary world**. The objective of the IKS Division is to completely decolonize Indian mind by generating interest and healthy **critical reverence for the unbroken knowledge traditions of Bhārata for the welfare of the world**.

Mission of the Indian Knowledge Systems Division (IKS Division), Ministry of Education

- Create a database of individuals and organizations who have contributed by way of Research, Teaching, Publication and Preservation of ancient and contemporary rich Indian knowledge systems ranging from art, music, dance, drama, to mathematics, astronomy, science, technology, life sciences, environment and natural sciences, health care, yoga, law, jurisprudence, economics, social sciences, psychology, philosophy, management, linguistics, oral traditions of India, knowledge hidden in Sanskrit, Prakrit,, Tamil, Pali, etc.

- Create portal for archival and dissemination of this rich knowledge and also create an open portal and keep it dynamic and live like wiki, in a PPP mode.
- Promote and enable further research to address the societal challenges faced today in several areas including holistic health, psychology, neuroscience, nature, environment, and sustainable development.
- To identify scholars and institutions who have worked in various areas of IKS and their works and to categorize the major areas.
- To get reports of work done by all people who have contributed to IKS and bring out regular publications.
- To promote research in IKS for providing proof of concepts, new knowledge generation, effective interdisciplinary work useful for society.
- To create research fellowships or fellowships of visiting Professors/ Scientists/ Scholars: Sanskrit Professors in IITs/ IISERs/IIMs/ Universities and Professors of Science and Technology in Sanskrit universities.
- To provide financial assistance to research activities, workshops, seminars and publications for furthering the cause of IKS.
- To suggest measures to integrate IKS in text books and reference books of modern disciplines of knowledge offered at school and higher education.
- To establish IKS cells in General universities, Sanskrit Universities, and other institutions under MoE.
- To initiate collaboration/ coordination between institutions under MoE, other ministries, departments, independent scholars, NGOs and private institutions working in the field of IKS to promote interdisciplinary research involving modern streams and ancient Shastras.
- To explore and adopt a PPP model, wherever feasible (e.g. creating a wiki type platform and comprehensive IKS portal)
- To constitute Expert Groups and committees to plan, execute and oversee the objectives of IKS division.
- To take up any step, work, project or activity to further the cause of IKS.

SOP for Indian Knowledge (IKS) Cell, Netaji Subhas University

A Standard Operating Procedure (SOP) for an Indian Knowledge System (IKS) Cell will outline the cell's functions, responsibilities, and processes for integrating IKS into teaching, learning, research, and other activities. It will provide guidelines for the cell's activities in preserving and disseminating traditional knowledge.

Vision of IKS Cell:

To revive, rejuvenate, reorganize, reinstate and radiate the knowledge traditions of Bhārat for the welfare of the world.

Mission of IKS Cell:

- *Awareness of the knowledge traditions of Bhārat.*
- *Promoting integration of IKS in education and research.*
- *Upholding the unity and diversity of India among the stakeholders.*

Key Components of the SOP of IKS Cell of Netaji Subhas University:

Functions and Responsibilities:

- ✓ **Integrating IKS into Curriculum:** Embedding IKS principles and practices into the curriculum, including the development of digital content and resources in Indian languages.
- ✓ **Research:** Defining the research focus of the cell, which will include interdisciplinary studies, preservation of knowledge, and addressing societal challenges.
- ✓ **Preservation and Dissemination:** Outlining policies to document, preserve, and disseminate traditional knowledge, including the creation of databases, digital libraries, and e-repositories.
- ✓ **Capacity Building:** Designing activities to enhance the capacity of faculty, staff and students in understanding and applying IKS.

Processes and Procedures:

- ✓ **Project Development:** New projects and initiatives related to IKS will be conceived, planned, and implemented.
- ✓ **Funding and Resources:** Monitor funding and its utilization for various IKS activities.
- ✓ **Evaluation and Reporting:** Defining how project outcomes and impact are assessed and reported.
- ✓ **Collaboration and Partnerships:**
The IKS cell collaborates with other departments, institutions and external stakeholders for promotion of IKS activities.

✓ **Sustainability:**

It will address how to ensure the long-term sustainability of IKS initiatives, potentially including strategies for funding, resource management, and community engagement.

Activities under IKS Cell:

✓ **Developing IKS-focused courses and curriculum:**

This involves creating new modules, integrating IKS content into existing courses, or developing interdisciplinary programs.

✓ **Conducting IKS research:**

This includes exploring traditional knowledge systems in various fields, examining the impact of IKS on society, or developing new applications of traditional practices.

✓ **Creating IKS resource centers:**

This involves establishing libraries, digital repositories, and online platforms for accessing IKS materials.

✓ **Organizing IKS-related events:**

This could include workshops, conferences, and seminars on IKS topics.

✓ **Collaborating with external institutions:**

This involves partnering with other universities, research centers, and cultural organizations to promote IKS.

By implementing a comprehensive SOP, IKS Cell of Netaji Subhas University ensures its activities are aligned with its vision, mission, and objectives, effectively integrating Indian knowledge systems into modern education, research, and broader societal contexts.

Objectives of the Indian Knowledge System (IKS) Cell of Netaji Subhas University

The Indian Knowledge System (IKS) Cell is established with the intent to recognize, conserve, and disseminate India's vast and diverse intellectual and cultural traditions. It seeks to bridge the ancient and the modern by integrating traditional knowledge systems into contemporary education and research. The primary objectives of the IKS Cell are as follows:

1. Preservation and Accessibility

To protect India's traditional knowledge and ensure it remains accessible to present and future generations through systematic documentation, digitization, and dissemination.

2. Integration into Education

To promote the inclusion of Indian Knowledge System concepts, values, and practices in academic curricula at various levels, thereby enriching the teaching-learning process with indigenous perspectives.

3. Promotion of Research

To support and encourage interdisciplinary research that explores the applicability and relevance of Indian traditional knowledge in addressing modern scientific, social, and environmental challenges.

4. Holistic Development of Learners

To foster in students a well-rounded understanding of Indian culture, spirituality, ethics, and knowledge traditions, thereby nurturing a strong sense of identity, pride, and belonging.

5. Bridging Traditional and Modern Paradigms

To build meaningful linkages between age-old wisdom and present-day scientific advancements, creating avenues for innovation and contextual problem-solving rooted in Indian ethos.

6. Awareness and Outreach

To raise awareness about India's intellectual heritage by organizing lectures, seminars, workshops, exhibitions, and cultural events, encouraging community participation and scholarly engagement.