



Report on Capacity Building Program on Indian Knowledge System organized by Academic and Staff Development Centre in collaboration with Siddhant Knowledge Foundations.

1. Introduction

The **Capacity Building Program on Indian Knowledge System (IKS)** was conceptualized and organized to strengthen academic and pedagogical engagement with India's rich intellectual traditions. Rooted in centuries of civilizational wisdom, the Indian Knowledge System offers an integrated worldview that combines philosophy, science, literature, art, medicine, and ethics.

The primary aim of this program was to **equip faculty members, research scholars, and students** with both theoretical perspectives and practical approaches for incorporating IKS into contemporary higher education. By bridging traditional wisdom with modern disciplines, the program aspired to foster holistic, value-driven, and sustainable models of teaching, learning, and research.

2. Objectives of the Program

- To create awareness of India's intellectual heritage and its relevance in contemporary times.
- To strengthen faculty capacity in teaching and research through exposure to IKS.
- To encourage interdisciplinary approaches combining IKS with modern sciences and humanities.
- To facilitate curriculum development aligned with the National Education Policy (NEP) 2020, which emphasizes IKS integration.
- To provide participants with hands-on tools for re contextualizing ancient wisdom in higher education.

3. Day-wise Proceedings

Day 1: Inaugural Session and Foundational Perspectives

- **Inauguration:** The program was inaugurated by Dr. Natesha L, who highlighted the significance of reintroducing indigenous knowledge traditions into the educational mainstream.
- **Session I:** *Philosophical Foundations of IKS* – exploration of Indian epistemology, metaphysics, and the unity of knowledge traditions.
- **Session II:** *IKS and Higher Education in NEP 2020* – policy perspectives on integrating traditional knowledge into academic curricula.
- **Workshop:** Icebreaking and participant introductions, designed to assess prior familiarity with IKS.

Day 2: Science and Mathematics in IKS

- **Session III:** *Ancient Indian Mathematics* – contributions of Aryabhata, Bhaskara, and Kerala school; relevance to modern pedagogy.
- **Session IV:** *Astronomy and Cosmology* – insights from Vedic texts and their dialogue with contemporary astrophysics.
- **Interactive Activity:** Hands-on demonstration of mathematical puzzles and astronomical models from Indian tradition.

Day 3: Language, Literature, and Knowledge Transmission

- **Session V:** *Sanskrit as a Knowledge System* – role of Sanskrit grammar, Paninian tradition, and linguistic analysis.
- **Session VI:** *Classical Literature and Ethics* – exploration of the *Mahabharata*, *Ramayana*, and *Panchatantra* as repositories of ethical and socio-political thought.
- **Panel Discussion:** Knowledge transmission through oral and written traditions; relevance in digital age.

Day 4: Health, Well-being, and Environmental Wisdom

- **Session VII:** *Ayurveda and Yoga* – holistic health approaches integrating body, mind, and spirit.
- **Session VIII:** *Ecological Wisdom in IKS* – ancient Indian approaches to environment, agriculture, and sustainability.
- **Workshop:** Practical yoga and mindfulness practices for educators and students.

Day 5: Art, Architecture, and Interdisciplinary Applications

- **Session IX:** *Aesthetics and Performing Arts* – contributions of Bharata's *Natyashastra* and temple arts.
- **Session X:** *Architecture and Vastu Shastra* – scientific and cultural dimensions of built spaces.
- **Valedictory Session:** Reflections by participants, certificate distribution, and concluding remarks

4. Profiles of Resource Persons

Attached in the Excel form

5. Participant Engagement and Feedback

- Participants represented diverse disciplines including humanities, sciences, engineering, and education.
- Interactive sessions encouraged participants to share reflections on integrating IKS into their teaching and research.
- Feedback highlights:
 - 92% participants agreed the program enhanced their knowledge of IKS.
 - 85% expressed willingness to incorporate IKS perspectives into curricula.
 - Suggestions included: more practical workshops, digital resources, and collaborative projects.

6. Key Outcomes

- Enhanced academic and pedagogical capacity for teaching IKS.
 - Draft outlines for curriculum modules on IKS created by participant groups.
 - Networking opportunities for interdisciplinary collaboration.
 - Broader appreciation of India's intellectual traditions and their relevance to sustainability, ethics, and innovation.
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7. Recommendations

1. Establish **IKS Resource Centres** within universities for curriculum support.
2. Integrate **credit-based IKS courses** across disciplines under NEP 2020 framework.
3. Encourage **interdisciplinary research projects** linking IKS with modern science and technology.
4. Develop **digital repositories and open-access platforms** for IKS texts and materials.
5. Organize regular **capacity building and refresher programs** for faculty.

8. Conclusion

The Capacity Building Program on Indian Knowledge System served as an enriching academic initiative, creating awareness and equipping educators with tools to integrate IKS

into teaching and research. By blending tradition with modernity, the program laid the foundation for innovative pedagogy, value-driven education, and holistic knowledge creation in line with the vision of NEP 2020.

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