



**NITTTR
BHOPAL**



NEP-3/2026-2027

**NEP 2020 and Indian Knowledge Systems (IKS):
Strategies for Multidisciplinary Teaching**

07-09-2026 to 11-09-2026

NITTTR Bhopal

<https://erp.nitttrbpl.ac.in/poc2026/?id=regNEP-3>

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Rationale

Knowledge has had a prime place of great importance in Indian culture since ancient times. Any area being arts, science, mathematics or any other field the Indian contribution is unparalleled. There are many such inventions of the modern era that draw out their origin based on the finding of Indian Researches. It is a matter of great pride.

Religion, philosophy, science, Vastu, astrology, astronomy, architecture, dance, music, etc. all kinds of knowledge originated in India. Knowledge has been given great importance in India since ancient times. There are numerous fields of art, science, mathematics, and many more in which Indian contribution is unmatched. There are many inventions of the modern age which are based on the findings of Indian research. Almost all the educational / social / religious / spiritual elements of India's knowledge tradition have been inspired by the principles of science. NEP 2020 has emphasized on promoting Indian Knowledge Tradition (IKS) and recommended incorporating this knowledge in various levels of education. It aims to integrate Indian cultural, historical and educational heritage in the current context, so that the India

Programme Outcomes

Appreciate the need & importance of IKS .

Elaborate applications of IKS in modern Science , Engineering & Technology

Carry out scientific solutions for societal and community development.

Apply concepts of IKS for real life problems.

Programme Content

NEP 2020: Integrating Indian Wisdom with Modern Learning ,Scientific Heritage of Ancient India: Pioneers and Paradigms ,Philosophy of Indian education system,The Science of the Vedas,Ancient Indian Architecture and Engineering ,Indian Knowledge System (IKS) in Higher Education: Integrating IKS into modern curriculum ,IKS & Astronomy,Medicine and Health Sciences in Ancient India ,Ancient Technologies for Sustainable Development,Learning from the Past for a Greener future,IKS and linguistic skills ,Indian Heritage, Culture, and Scientific Traditions,

Target Group

Faculty of all disciplines

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