

1st Day (04 May 2026)

The five-day FDP was inaugurated by proff. Dr. Shivalik Yadav Ji, Registrar, BPSMV Khanpur Kalan, Sonipat on 4th May 2026. The chief guest welcomed the participants and gave his best wishes for the programme. He said that the interactive sessions of FDP will prove best platform for sharing knowledge and learning and will provide valuable insights into the ethical, legal, and educational aspects of integrating traditional Indian knowledge with modern technology and pedagogy.

First session Resource person: Dr. Pramod Malik (Dean and Chairperson, Faculty of Law, of Chaudhary Bansilal University Bhiwani)

Topic: Ethical and Intellectual Property Issues in the Digitization of Indian Knowledge Systems

Timings: 1:30 PM to 3:00 PM

The resource person explained important concepts such as intellectual property rights, patents, copyrights, trademarks, and biopiracy in a simple and practical manner. Through examples of neem, turmeric, basmati rice, and yoga, he highlighted how traditional Indian knowledge has often been misused without proper recognition. He also emphasized the importance of preserving and documenting Indian Knowledge Systems in the digital era through proper ethical and legal measures. The session helped participants understand the need to protect indigenous knowledge while using modern technological platforms.

Second session Resource person: Dr. K. Venkatesan Kamaraj (Associate Professor and Head, Department of Home Science, at Indira Gandhi National Tribal University (IGNTU), Amarkantak, Madhya Pradesh)

Topic: Integrating IKS with NEP 2020: Digital Pedagogical Tools for Curriculum Design

Timings: 3:00 PM to 4:30 PM

The session focused on the integration of Indian Knowledge Systems with modern education in accordance with the objectives of NEP 2020. The resource person discussed the use of digital pedagogical tools for effective curriculum design and innovative classroom teaching. He emphasized technology-based and student-centered learning approaches to make education more interactive and engaging. The session also highlighted ways to incorporate Indian Knowledge Systems into present-day education through proper planning and digital support. Overall, the programme provided useful knowledge on

combining traditional wisdom with modern teaching methods for better learning outcomes.

2nd Day (05 May 2026)

The second day of the Faculty Development Programme was very engaging, informative, and practical in nature. The sessions mainly focused on the use of digital tools and technology to improve teaching-learning practices and to make Indian Knowledge Systems (IKS) more accessible and relevant for present-day learners.

First session Resource person: Dr. Deepak Bisla (IT System administrator at Dr. B. R. Ambedkar University Delhi)

Topic: Technology Enabled Teaching of Glorious History of India

Timings: 1:30 PM to 3:00 PM

Sir explained how Artificial Intelligence (AI) and other digital tools can be effectively used in daily academic work. He demonstrated the use of AI in content creation, lesson planning, research work, and preparation of presentations. He also shared practical methods to improve efficiency in routine academic tasks and encouraged teachers to adopt innovative teaching methods through live demonstrations and examples.

Second session Resource person: Prof. Anand Sharma (Professor Department of Management Studies, Central University of Haryana Mahendergarh)

Topic: Integrating IKS with NEP 2020: Digital Pedagogical Tools for Curriculum Design

Timings: 3:00 PM to 4:30 PM

The session focused on the integration of Indian Knowledge Systems with modern educational approaches using digital platforms and pedagogical tools. Sir explained how technology can help in designing interactive, inclusive, and meaningful curriculum content related to Indian knowledge traditions. He emphasized the importance of blending traditional wisdom with modern teaching practices so that students can connect more effectively with their cultural heritage.

Overall, both the sessions were highly beneficial and provided valuable practical knowledge to all participants. The resource persons shared innovative ideas and effective

strategies that can help teachers improve classroom teaching and curriculum development in the digital era.

3rd Day (06 May 2026)

On third day of the Faculty Development Programme the sessions focused on integrating Indian Knowledge Systems (IKS) with modern technology and digital approaches to make teaching-learning more engaging, practical, and meaningful for present-day students.

First session Resource person: Prof. Pooja Vyas (Professor, Institute of Management Studies and Research (IMSAR), Maharshi Dayanand University, Rohtak, Haryana, India).

Topic: Technology Based Teaching of Indian Philosophy and Knowledge Tradition

Timings: 1:30 PM to 3:00 PM

The resource person emphasized the importance of connecting students with Indian traditions through interactive and technology-based teaching methods. Using examples from the Bhagavad Gita, she explained the value of experiential and dialogue-based learning. She also discussed how videos, discussions, and digital tools can simplify complex philosophical concepts and improve student engagement.

Second session Resource person: Prof. Ravi Bhushan (Professor Department of English, BPSMV Khanpur Kalan Sonipat)

Topic: Digital Approaches for Historical & Cultural Studies of Akhand Bharat.

Timings: 3:00 PM to 4:30 PM

The session explored the historical, cultural, and linguistic dimensions of Akhand Bharat through modern academic and digital perspectives. The resource person discussed the importance of language, interpretation, and Indian philosophical traditions in understanding cultural unity and heritage.

Overall, both sessions were highly enriching and provided valuable insights into combining traditional Indian knowledge with modern technology and digital pedagogy for effective teaching-learning practices.

4th Day (07 May 2026)

First session Resource person: Prof. Saroj Sharma (Vice chancellor Ranchi University)

Topic: Technology Enabled Teaching of Ancient Indian Mathematics and Astronomy

Timings: 1:30 PM to 3:00 PM

The session focused on the rich contributions of ancient Indian scholars in the fields of mathematics and astronomy. Prof. Sharma explained how digital tools, presentations, animations, and visual methods can make complex mathematical and astronomical concepts easier and more interesting for students. She discussed the importance of connecting ancient scientific knowledge with modern technology to create interactive and effective learning experiences. The session also highlighted the contributions of Indian mathematicians and astronomers and encouraged teachers to adopt innovative teaching methods for better student understanding.

Second session Resource person: Dr. Vikram Bansal (Assistant professor, JNU, New Delhi)

Topic: Exploring Social Science Curriculum in the Context of Indian Knowledge System (IKS): A Technological Perspective

Timings: 3:00 PM to 4:30 PM

The session emphasized the importance of integrating Indian Knowledge Systems into social science education through digital and technological approaches. Sir explained how technology can help make social science subjects more engaging, practical, and relatable for students. He discussed the role of digital platforms, multimedia resources, and interactive teaching strategies in presenting Indian culture, history, and traditions in a modern context. The speaker also highlighted the need to redesign curriculum content according to NEP 2020 while maintaining a balance between traditional values and contemporary educational practices.

Overall, both sessions were highly enriching and beneficial for all participants. The resource persons shared valuable insights and practical strategies for integrating technology with Indian Knowledge Systems to improve teaching-learning practices and promote culturally rooted education.

5th Day (08 May 2026)

The fifth day of the Faculty Development Programme was highly insightful and intellectually enriching. The sessions focused on connecting Indian Knowledge Systems (IKS) with scientific thinking, technology, and modern educational approaches. Both sessions inspired participants to understand traditional Indian wisdom from a contemporary and scientific perspective.

First session Resource person: Prof. Avnesh Verma (Chairperson & Professor, Department of Instrumentation (Formerly USIC), Kurukshetra University, Kurukshetra-136119 Former Registrar, Guru Jambheshwar University of Science & Technology, Hisar, Haryana INDIA)

Topic: Exploring Scientific Ideas within Vedic Mythology.

Timings: 1:30 PM to 3:00 PM

The session was very thought-provoking and informative. Prof. Verma explained how ancient Indian scriptures and Vedic literature contain references that relate to modern scientific concepts. Through examples such as the famous verse from the Hanuman Chalisa describing the distance between the Earth and the Sun, he highlighted the scientific understanding present in ancient Indian texts. He also discussed concepts related to astronomy, atomic theory, and quantum ideas found in Vedic literature. The session emphasized that science and spirituality can complement each other in understanding the universe. Participants were encouraged to appreciate Indian traditions with an analytical and research-oriented approach.

Second session Resource person: Prof. Mahesh Dadhich (CEO, NMPB, Ministry of AYUSH, Govt. Of India)

Topic: Use of Technological Intervention in IKS with Special Reference to Ayurveda

Timings: 3:00 PM to 4:30 PM

The session focused on the role of modern technology in preserving, promoting, and strengthening Ayurveda and other Indian Knowledge Systems. Prof. Dadhich explained how tools such as artificial intelligence, digital databases, telemedicine, mobile health applications, online learning platforms, and research analytics are helping in Ayurvedic education, diagnosis, treatment, and medicinal plant management. He also discussed the importance of technology in quality control, scientific validation, and global acceptance of Ayurvedic medicines and practices.

Overall, both sessions were highly beneficial and inspiring for all participants. The lectures successfully highlighted the importance of combining traditional Indian wisdom with scientific and technological advancements to make education and healthcare more effective, practical, and globally relevant.

The valedictory session:

The session was chaired by honourable Vice chancellor, BPSMV. The participants presented session wise report on FDP and also shared their experience of all the sessions of FDP. The concluding session of the five-day Faculty Development Programme was addressed by Prof. Sudesh Vice chancellor BPSMV Khanpur Kalan, Sonipat during her address, emphasized that if India aims to become a “Vishva Guru,” the knowledge of Indian Knowledge Systems (IKS) is essential. She encouraged teachers to make efforts to integrate IKS into their respective subject areas. She also motivated participants to encourage research scholars to undertake subject-specific research related to IKS. The programme concluded with a formal vote of thanks delivered by Proff. Anshu Bhardwaj director AADC (Academic and Administrative Development Centre).