ICDTAI 2026

International Conference on Digital Transformation, Artificial Intelligence, and Emerging Technologies in Education

30-31 MAY 2026 | HYBRID MODE

IN COLLABORATION WITH

Chhabi
SEWA FOUNDATION

MON INDIGENOUS CULTURE & WELFARE SOCIETY
MICWS
MON
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Chhabi
Vishwa Foundation

VISION

In the era of rapid technological advancement, education must evolve to harness the transformative potential of Artificial Intelligence and emerging technologies while ensuring ethical, inclusive, and equitable access. This international conference aims to create a global platform for dialogue, research dissemination, and collaborative innovation to reimagine education for the 21st century.

Emerging technologies offer unprecedented opportunities to personalize learning pathways, support teacher professional development, enable real-time feedback mechanisms, and foster collaborative global classrooms. At the same time, they create possibilities for integrating Indian Knowledge Systems and indigenous wisdom into digital pedagogical frameworks, ensuring that innovation remains culturally grounded and socially responsive.

This **International Conference on Digital Transformation, Artificial Intelligence, and Emerging Technologies** in Education seeks to provide a dynamic global platform for scholars, educators, policymakers, EdTech innovators, research scholars, and institutional leaders to engage in critical dialogue and knowledge exchange. The conference aims to facilitate rigorous research dissemination, showcase innovative practices, and encourage interdisciplinary collaboration that advances ethical and sustainable educational innovation.

BRINGING IDEAS TO LIFE AND FOSTERING INNOVATION THROUGH TECHNOLOGY

ABOUT ORGANIZERS

The **School of Education at Hemvati Nandan Bahuguna Garhwal University (HNBGU)**, established in 1972, is a premier institution offering B.Ed., M.Ed., and Ph.D. programs. Located across Birla (Srinagar), Tehri, and Pauri campuses, it focuses on teacher training, educational technology, and Himalayan regional studies. The department features specialized labs, including ICT, psychology, and science, with strong ties to NCERT and NCTE.

Since ancient times, Uttarakhand has been a center for education. Uttarakhand is home to some of India's top training facilities and educational institutions. Right from the inception of the state. Department of education is running ahead and getting shape gradually. **Uttarakhand Department of School Education** has a unified structure covering Basic Education, Secondary Education, State Council of Education Research and Training, and Uttarakhand Board of School Education.

Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehradun, has a rich and distinguished legacy of over 23 years of academic excellence. Established in 2002, the institute began as a visionary initiative and has steadily evolved into a premier **NAAC A+** accredited institution, catering to the academic aspirations of students from across the nation. A major milestone in the institute's journey was achieved in early 2024, when Dolphin (PG) Institute was granted **Autonomous Statu**s by the University Grants Commission (UGC) and its parent university, Hemvati Nandan Bahuguna Garhwal Central University (HNBGU).

Chhabi Vishwa Foundation and **Chhabi Sewa Foundation**, a not-for-profit organization committed to cancer awareness, early detection, and patient support, particularly for underserved communities. Alongside healthcare initiatives, it promotes education and digital empowerment globally through cyber security awareness and digital literacy programs, fostering safe, informed, and resilient communities.

Mon Indigenous Culture and Welfare Society is a community driven organization dedicated to preserve and promote indigenous culture, traditions, and knowledge systems across India. The Society actively works in education by conducting literacy programs, youth development initiatives, and awareness campaigns that strengthen moral values and indigenous history. It also organizes cultural events, cancer awareness cum screening camps, supports vulnerable groups, and conduct social welfare activities for holistic community development nationwide.

CONFERENCE TRACKS

CATEGORY I: DIGITAL TRANSFORMATION AND EMERGING TECHNOLOGIES IN SCHOOL EDUCATION

S1. AI IN FOUNDATIONAL LITERACY AND NUMERACY (FLN)
- AI-SUPPORTED EARLY GRADE READING TOOLS
- ADAPTIVE NUMERACY PLATFORMS
- PERSONALIZED LEARNING FOR FOUNDATIONAL STAGES

S2. DIGITAL PEDAGOGY AND EXPERIENTIAL LEARNING
- TECHNOLOGY-ENABLED JOYFUL LEARNING
- ART-INTEGRATED LEARNING THROUGH DIGITAL TOOLS
- PROJECT-BASED AND EXPERIENTIAL MODELS IN PRIMARY AND SECONDARY SCHOOLS

S3. INCLUSIVE EDUCATION AND ASSISTIVE TECHNOLOGIES
- AI FOR CHILDREN WITH SPECIAL NEEDS
- SPEECH-TO-TEXT, TEXT-TO-SPEECH, AND ADAPTIVE INTERFACES
- BRIDGING RURAL–URBAN DIGITAL DIVIDE

S4. CYBER HYGIENE, DIGITAL SAFETY, AND CHILD RIGHTS
- DATA PRIVACY IN SCHOOLS
- RESPONSIBLE AI FOR CHILDREN
- DIGITAL CITIZENSHIP EDUCATION
- ONLINE SAFETY FRAMEWORKS

S5. EMERGING TECHNOLOGIES IN SCHOOL CLASSROOMS
- AR/VR FOR IMMERSIVE LEARNING
- VIRTUAL LABS IN SCIENCE AND MATHEMATICS
- GAMIFICATION AND COMPETENCY-BASED ASSESSMENTS

S6. TEACHER PROFESSIONAL DEVELOPMENT IN THE AI ERA
- AI-ASSISTED LESSON PLANNING
- DIGITAL CONTENT CREATION
- CAPACITY BUILDING ALIGNED WITH NEP 2020

S7. COMMUNITY ENGAGEMENT AND DIGITAL ECOSYSTEMS
- SCHOOL–COMMUNITY DIGITAL PARTNERSHIPS
- RURAL DIGITAL INNOVATION MODELS
- TECHNOLOGY-ENABLED PARENTAL ENGAGEMENT

CATEGORY II: DIGITAL TRANSFORMATION AND EMERGING TECHNOLOGIES IN HIGHER EDUCATION

H1. AI-DRIVEN CURRICULUM AND COMPETENCY BASED EDUCATION
- AI IN SYLLABUS DESIGN
- PERSONALIZED LEARNING PATHWAYS IN UNIVERSITIES
- OUTCOME-BASED DIGITAL ASSESSMENT SYSTEMS

H2. LEARNING ANALYTICS AND DATA-DRIVEN DECISION MAKING
- PREDICTIVE ANALYTICS FOR STUDENT SUCCESS
- INSTITUTIONAL DASHBOARDS
- ACADEMIC PERFORMANCE MODELING

H3. GENERATIVE AI IN RESEARCH AND ACADEMIC WRITING
- AI TOOLS IN SCHOLARLY RESEARCH
- ETHICAL USE OF AI IN PUBLICATIONS
- ACADEMIC INTEGRITY IN THE AI AGE

H4. BLOCKCHAIN IN HIGHER EDUCATION
- DIGITAL CREDENTIALING AND VERIFICATION
- SECURE ACADEMIC RECORDS
- MICRO-CREDENTIAL ECOSYSTEMS

H5. IMMERSIVE TECHNOLOGIES AND VIRTUAL UNIVERSITIES
- AR/VR IN PROFESSIONAL EDUCATION
- REMOTE LABORATORIES AND SIMULATION-BASED LEARNING
- HYBRID AND BLENDED LEARNING MODELS

H6. DIGITAL GOVERNANCE AND POLICY FRAMEWORKS
- INSTITUTIONAL DIGITAL TRANSFORMATION STRATEGIES
- DATA PROTECTION LAWS AND HIGHER EDUCATION
- REGULATORY PERSPECTIVES ON AI IN ACADEMIA

H7. INTEGRATION OF INDIAN KNOWLEDGE SYSTEMS (IKS) IN DIGITAL ERA
- DIGITIZATION OF TRADITIONAL KNOWLEDGE
- AI-SUPPORTED PRESERVATION OF INDIGENOUS SCHOLARSHIP
- GLOBAL DISSEMINATION OF CULTURALLY ROOTED ACADEMIC CONTENT

CONFERENCE CONVENOR

Professor Anil Nautiyal
School of Education
HNB Garhwal University (A Central University)

ORGANIZING SECRETARY

Dr Atul Bamrara
Department of School Education, Government of Uttarakhand
Cyber Ambassador, iSEA - MeitY, Government of India

JOINT ORGANIZING SECRETARY

Dr Ashish Raturi, **D**olphin **I**nstitute of **B**iomedical and **N**atural **S**ciences, Dehradun
Dr Ramesh Badoni, State **C**ouncil of **E**ducational **R**esearch & **T**raining Uttarakhand (SCERT Uttarakhand)
Partha Roy, Chhabi Vishwa Foundation (Global Operations)
Dr Vishwanath Gargote, Chhabi Sewa Foundation Mumbai
Khandu Thungon, Mon Indigenous Culture and Welfare Society Arunanchal Pradesh

CONFERENCE ADVISORY BOARD

Professor B P Bhardwaj, NCERT New Delhi
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CALL FOR PAPERS

Authors are invited to submit original and unpublished research papers aligned with the conference themes. An abstract of 250–300 words should be submitted first, followed by a full paper of 3500–6000 words upon acceptance. All manuscripts must be prepared in APA 7th edition format and written in English or Hindi. Submissions will undergo a peer-review process to ensure academic quality and relevance.

IMPORTANT DATES

Last Date for Abstract Submission: March 20, 2026
Notification of Abstract Acceptance: April 10, 2026
Last Date for Full Paper Submission: April 30, 2026
Notification of Paper Acceptance: May 15, 2026
Conference Dates: May 30-31, 2026

REGISTRATION

The conference is committed to promote inclusive academic participation and knowledge sharing. Participation and paper presentation will be **Free of Cost**.

PUBLICATION OPPORTUNITY

Selected and peer reviewed papers will be published in an **Edited Volume with ISBN** after the conference. High-quality papers may also be considered for further publication opportunities subject to editorial review and compliance with publication guidelines.

SUBMISSION PROCESS

Papers should be submitted through
https://forms.gle/4GH6EScFWdjfx1Cf8
For queries, contact icdtai2026@gmail.com

Scan the Code

BEST PAPER AWARDS

First Prize : INR 5000, Second Prize : INR 3000, Third Prize : INR 2000