



## HOPE INSTITUTE OF BENGAL, BELDUBI, PANCHLA, HOWRAH

### Seminar Report: Digital Transformation & Emerging Technologies

The International Seminar on Digital Transformation & Emerging Technologies in Schools was held on 2nd February 2026, organized by the IQAC of Hope Institute of Bengal, Beldubi, Panchla, Howrah. The seminar brought together distinguished academicians, researchers, and freshers from various parts of our country as well as the world to deliberate issues of contemporary reference in the field of Digital Transformation.

The seminar commenced with an inaugural session, graced by eminent dignitaries including:

Dr. Rupnar Datta, Chief Guest, University of North Bengal

Dr. Nahakpan Bidhanchandra Singh, Busan International University, South Korea

Dr. Sudhir Ranjan Tripathi, President ISSER, Oman

Dr. Subhas Chandra Bhat, Govt. College of Education

Dr. Labhaswani Tripathi, Kalinga University

A total of 25 research papers were presented by participants from different parts of our country as well as the world, fostering meaningful academic exchange and discussions. The research papers are of high quality and relevant to the subject of the seminar.

So, it is essential to publish the papers in an International Journal, which will enrich future researchers and freshers.

Sk. Golam Ehuja

Secretary

## CONTENT

Sl. No.	Title of the Article	Author's Name	Page No.
01	Inclusive Schooling in the Digital Era: Technology as an Enabler or Barrier	Chayan Chowdhury	1-5
02	From Access to Opportunity: Rethinking the Digital Divide in Indian School Education	Debanjali Acharya	6-9
03	Technology as Enabler or Barrier in the Concept of Inclusive Schooling in the Digital Era	Dola Pahari	10-13
04	Towards a Professional Framework for Continuous Teacher Development	Dr. Harsha Sharma & Dr. Sanjeev Yadav	14-18
05	Technology-Mediated Learning Environments: Redefining the Teaching–Learning Process in Indian Schools	Laylee Chakraborty & Priyabrata Sau	19-29
06	A Study on the Development of Women Education in India in the Light of Government Initiatives	Mirza Saddum Hossen	30-35
07	Digital Readiness of Indian Schools: Institutional Capacity, Leadership and Change Management	Prof. Mosamma Nasrin Haldar	36-38
08	From Chalkboards to Clicks: Rethinking Teacher Education in India	Prabir Ghosh	39-43
09	Continuous Professional Development in the Age of Emerging Technologies: Challenges for Indian Teacher Training Institutions	Priyabrata Sau & Laylee Chakraborty	44-56
10	Digital Transformation and Emerging Technologies in Schools: A Theoretical Inquiry into Pedagogy, Technology and Educational Transformation	Salini Mukherjee	57-61
11	Artificial Intelligence and the New Responsibilities of Teachers: A Study of Secondary School Teachers in Kolkata	Sourav Mishra & Prof. Dr. Lubhawani Tripathi	62-67
12	Digital Divide in Indian School Education: Technology, Access and Social Justice	Sayanti Chatterjee	68-71
13	Digital Pedagogy for the Future Indian Classroom	Sk Abdul Hamid	72-78
14	Digital Transformation and Emerging Technologies in Schools	Sovan Patra	79-81
15	Redefining Classroom Practice for a Changing World	Sudipta Roy	82-87
16	Artificial Intelligence in India Classrooms: Pedagogical Possibilities and Ethical Concerns	Prof. Sudipta Samanta	88-92
17	Digital Readiness of Indian Schools: Institutional Capacity, Leadership and Change Management	Susmita Ghara Jele	93-96